

# FEDERAL REGISTER

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Pages 17523-17648

Part I

(Part II begins on page 17601)

**NOTE:** The inclusive page numbers set forth on the front page of the *Federal Register* for Friday, November 13, 1970, should be corrected to read "Pages 17391-17522".

Additionally, the statement reading "(Part II begins on page 18501)" should be corrected to read "(Part II begins on page 17501)".

**Agencies in this issue—**

Air Force Department  
Atomic Energy Commission  
Civil Aeronautics Board  
Civil Service Commission  
Consumer and Marketing Service  
Defense Department  
Federal Aviation Administration  
Federal Communications Commission  
Federal Housing Administration  
Federal Power Commission  
Fiscal Service  
Food and Drug Administration  
Immigration and Naturalization Service  
Interim Compliance Panel  
(Coal Mine Health and Safety)  
International Commerce Bureau  
Interstate Commerce Commission  
Land Management Bureau  
National Park Service  
Public Health Service  
Securities and Exchange Commission  
Social and Rehabilitation Service

Detailed list of Contents appears inside.



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# Contents

## AGRICULTURE DEPARTMENT

See Consumer and Marketing Service.

## AIR FORCE DEPARTMENT

### Rules and Regulations

Aircraft; aero clubs.....	17543
Civilian personnel; employment policies.....	17544
Claims and litigation; support of dependents.....	17543
Procurement support in urgency areas or situations.....	17545
Public relations; mission and functions of USAF Air Demonstration Squadron, "Thunderbirds".....	17542

## ATOMIC ENERGY COMMISSION

### Rules and Regulations

Siting of fuel reprocessing plants and related waste management facilities.....	17530
---	-------

### Notices

Armed Forces Radiobiology Research Institute; issuance of amendment to facility license.....	17564
--	-------

## CIVIL AERONAUTICS BOARD

### Proposed Rule Making

"Wet-lease" charter trips by foreign air carriers.....	17556
--	-------

### Notices

#### Hearings, etc.:

Germanair Bedarfsluftfahrt Gesellschaft m.b.H. & Co. KG.....	17564
International Air Transport Association.....	17565
Trans Meridian (London), Ltd.....	17565

## CIVIL SERVICE COMMISSION

### Rules and Regulations

Excepted service; Executive Office of the President.....	17527
--	-------

## COMMERCE DEPARTMENT

See International Commerce Bureau.

## CONSUMER AND MARKETING SERVICE

### Rules and Regulations

Celery grown in Florida; expenses and rate of assessment.....	17528
Dates, domestic, produced or packed in California; modification of grade requirements.....	17528
Lemons grown in California and Arizona; handling limitations (2 documents).....	17527, 17528
Perishable agricultural commodities; license fee.....	17527

## Proposed Rule Making

Milk handling in Greater Kansas City marketing area; suspension of certain provision.....	17554
---	-------

## DEFENSE DEPARTMENT

See also Air Force Department.

### Rules and Regulations

Naturalization of aliens serving in the armed forces and of alien spouses and/or alien adopted children of military and civilian personnel ordered overseas.....	17540
--	-------

## FEDERAL AVIATION ADMINISTRATION

### Rules and Regulations

Airworthiness directives:	
Aerostar airplanes (2 documents).....	17533
Beech airplanes.....	17534
Alterations:	
Control zone.....	17536
Federal airway segments (2 documents).....	17535, 17536
Transition areas (4 documents).....	17535, 17536
Restricted area; revocation.....	17536

### Proposed Rule Making

Area high route; designation.....	17556
Control zone and transition area; alteration; supplemental notice.....	17555
Federal airway; alteration.....	17555
Federal airway segments and reporting point; alteration and designation.....	17554
Restricted area; alteration.....	17555
Transition area; designation.....	17554

## FEDERAL COMMUNICATIONS COMMISSION

### Rules and Regulations

Noncommercial, educational FM and television broadcast service.....	17549
Non-Government and Government radiolocation services.....	17547

## FEDERAL HOUSING ADMINISTRATION

### Rules and Regulations

Mobile home loans; structural design and standards.....	17545
---	-------

## FEDERAL POWER COMMISSION

### Notices

#### Hearings, etc.:

Felmont Oil Corp.....	17565
Midwestern Gas Transmission Co.....	17566

## FISCAL SERVICE

### Rules and Regulations

Offering of United States Savings Bonds, Series E; miscellaneous amendments.....	17602
--	-------

## FOOD AND DRUG ADMINISTRATION

### Rules and Regulations

Drugs; name change for demethylchlorotetracycline and triacetyloleandomycin.....	17539
Hazardous substances; difluorochloromethane and flammable wire materials in model kits; exemption from classification as banned hazardous substances.....	17540

### Notices

New-drug applications; withdrawal of approval:	
Certain sulfonamide ophthalmic ointments, ophthalmic creams, and ophthalmic solutions.....	17563
Sulfaguanidine.....	17563
Unimed, Inc.; Serc Tablets:	
Order regarding petition.....	17564
Withdrawal of approval of new-drug application and refusal to approve supplements.....	17563

## HEALTH, EDUCATION, AND WELFARE DEPARTMENT

See Food and Drug Administration; Public Health Service; Social and Rehabilitation Service.

## HOUSING AND URBAN DEVELOPMENT DEPARTMENT

See Federal Housing Administration.

## IMMIGRATION AND NATURALIZATION SERVICE

### Rules and Regulations

Preliminary examination on petitions for naturalization; recommendation of designated examiner.....	17530
Registration and fingerprinting of aliens; replacement of registration.....	17529

## INTERIM COMPLIANCE PANEL (COAL MINE HEALTH AND SAFETY)

### Notices

Westmoreland Coal Co.; opportunity for hearing regarding application for renewal permit.....	17566
--	-------

(Continued on next page)



**INTERIOR DEPARTMENT**

See Land Management Bureau;  
National Park Service.

**INTERNATIONAL COMMERCE  
BUREAU****Rules and Regulations**

Short supply controls; miscellaneous amendments..... 17536

**INTERSTATE COMMERCE  
COMMISSION****Rules and Regulations**

Car service; distribution of box-cars..... 17552

**Notices**

Fourth section application for relief..... 17566  
Motor carrier transfer proceedings..... 17567

**JUSTICE DEPARTMENT**

See Immigration and Naturalization Service.

**LAND MANAGEMENT BUREAU****Rules and Regulations****Public land orders:**

Utah..... 17546  
Wyoming..... 17546

**Notices**

Colorado; classification of public lands for multiple-use management..... 17560

**NATIONAL PARK SERVICE****Rules and Regulations**

National Capital Parks; park-use permit system for public gatherings; postponement of effective date..... 17552

**PUBLIC HEALTH SERVICE****Rules and Regulations**

Androsoggin Valley interstate air quality control region; designation..... 17545

**SECURITIES AND EXCHANGE  
COMMISSION****Rules and Regulations**

Securities Exchange Act of 1934; quarterly reporting forms (2 documents)..... 17537, 17538

**Notices**

Mississippi Power Co.; proposed issue and sale of first mortgage bonds at competitive bidding.... 17566

**SOCIAL AND REHABILITATION  
SERVICE****Rules and Regulations**

Public assistance programs; availability of agency program manuals..... 17546

**TRANSPORTATION DEPARTMENT**

See Federal Aviation Administration.

**TREASURY DEPARTMENT**

See Fiscal Service.

**List of CFR Parts Affected**

The following numerical guide is a list of the parts of each title of the Code of Federal Regulations affected by documents published in today's issue. A cumulative list of parts affected, covering the current month to date, appears at the end of each issue beginning with the second issue of the month.

A cumulative guide is published separately at the end of each month. The guide lists the parts and sections affected by documents published since January 1, 1970, and specifies how they are affected.

**3 CFR****EXECUTIVE ORDER:**

5327 (revoked in part by PLO 4938)..... 17546

**5 CFR**

213..... 17527

**7 CFR**

46..... 17527  
910 (2 documents)..... 17527, 17528  
987..... 17528  
987..... 17528

**PROPOSED RULES:**

1064..... 17554

**8 CFR**

264..... 17529  
335..... 17530

**10 CFR**

50..... 17530

**14 CFR**

39 (3 documents)..... 17533, 17534  
71 (8 documents)..... 17535, 17536  
73..... 17536

**PROPOSED RULES:**

71 (4 documents)..... 17554, 17555  
73..... 17555  
75..... 17556  
212..... 17556  
214..... 17556  
217..... 17556

**15 CFR**

377..... 17536

**17 CFR**

240 (2 documents)..... 17537, 17538

**21 CFR**

141..... 17539  
141c..... 17539  
145..... 17539  
146c..... 17539  
147..... 17539  
148m..... 17539  
191..... 17540

**24 CFR**

201..... 17545

**31 CFR**

316..... 17602

**32 CFR**

80..... 17540  
80R..... 17540  
90..... 17540  
94..... 17540  
821..... 17542  
846..... 17543  
861..... 17543  
890..... 17544  
1001..... 17545

**36 CFR**

50..... 17552

**42 CFR**

81..... 17545

**43 CFR****PUBLIC LAND ORDERS:**

4522 (revoked in part by PLO 4938)..... 17546  
4937..... 17546  
4938..... 17546

**45 CFR**

205..... 17546

**47 CFR**

2..... 17547  
73..... 17549  
81..... 17548  
83..... 17548  
89..... 17548  
91..... 17548  
93..... 17548

**49 CFR**

1033..... 17552



# Rules and Regulations

## Title 5—ADMINISTRATIVE PERSONNEL

### Chapter I—Civil Service Commission PART 213—EXCEPTED SERVICE

#### Executive Office of the President

Section 213.3103 is amended to show that professional positions in grades GS-13 through 15 in the Office of Telecommunications Policy are excepted under Schedule A. Effective on publication in the FEDERAL REGISTER, paragraph (e) is added to § 213.3103 as set out below.

#### § 213.3103 Executive Office of the President.

(e) *Office of Telecommunications Policy.* (1) Professional positions in grades GS-13 through 15 on the staff of the Office.

(5 U.S.C. 3301, 3302, E.O. 10577; 3 CFR 1954-68 Comp., p. 218)

UNITED STATES CIVIL SERVICE COMMISSION,

[SEAL] JAMES C. SPRY,  
Executive Assistant to  
the Commissioners.

[F.R. Doc. 70-15350; Filed, Nov. 13, 1970;  
8:48 a.m.]

## Title 7—AGRICULTURE

### Chapter I—Consumer and Marketing Service (Standards, Inspection, Marketing Practices), Department of Agriculture

#### PART 46—REGULATIONS (OTHER THAN RULES OF PRACTICE) UNDER THE PERISHABLE AGRICULTURAL COMMODITIES ACT, 1930

##### License Fee

On September 22, 1970, a notice of proposed rule making was published in the FEDERAL REGISTER (35 F.R. 14728) regarding a proposed revision of regulations (other than rules of practice) (7 CFR 46.1-46.44), effective under the Perishable Agricultural Commodities Act, 1930 (46 Stat. 531, et seq., as amended; 7 U.S.C. 499a et seq.).

Interested persons were given until October 22, 1970, in which to submit written data, views, or comments regarding the proposed revision of the regulations calling for an increase from \$50 to \$60 in the annual license fee under the Act. There were only seven comments received concerning the proposed increase in license fee from a total of more than 18,000 licensed firms affected by the proposal. Of these comments, five were

in favor of the proposed increase and two were opposed. Three of the five favorable comments were received from organizations which represent a large number of members of the fruit and vegetable industry at both shipping points and terminal markets throughout the country.

After due consideration of all comments presented concerning the proposed revision of the regulations, and pursuant to the authority contained in section 15, 46 Stat. 537, as amended; 7 U.S.C. 499a, the regulations, other than rules of practice (7 CFR Part 46) under the Perishable Agricultural Commodities Act, 1930, are hereby amended as follows:

Amend § 46.6 to read as follows:

#### § 46.6 License fee.

The annual license fee is sixty dollars (\$60). The Director may require the fee be submitted in the form of a money order, bank draft, cashier's check, or certified check made payable to Consumer and Marketing Service. Authorized representatives of the Division may accept fees and issue receipts therefor.

This amendment shall become effective January 1, 1971.

Done at Washington, D.C., this 9th day of November 1970.

JOHN C. BLUM,  
Deputy Administrator,  
Regulatory Programs.

[F.R. Doc. 70-15343; Filed, Nov. 13, 1970;  
8:47 a.m.]

### Chapter IX—Consumer and Marketing Service (Marketing Agreements and Orders; Fruits, Vegetables, Nuts), Department of Agriculture

[Lemon Reg. 453]

#### PART 910—LEMONS GROWN IN CALIFORNIA AND ARIZONA

##### Limitation of Handling

#### § 910.753 Lemon Regulation 453.

(a) *Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 910, as amended (7 CFR Part 910), regulating the handling of lemons grown in California and Arizona, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674), and upon the basis of the recommendations and information submitted by the Lemon Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of handling of such lemons, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) The recommendations by the Lemon Administrative Committee reflect its appraisal of the crop and current and prospective market conditions. Lemons are shipped from the production area throughout the year. The size requirement provided herein is necessary to prevent the handling, on and after November 15, 1970, of lemons of a size smaller than as herein specified, so as to provide consumers with good quality fruit, consistent with (1) the overall quality of the crop, and (2) maximizing returns to the producers pursuant to the declared policy of the act. This size regulation is the same as one currently in effect, which will continue to be effective through November 14, 1970.

(3) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this section until 30 days after publication hereof in the FEDERAL REGISTER (5 U.S.C. 553) because the time intervening between the date when information upon which this section is based became available and the time when this section must become effective in order to effectuate the declared policy of the act is insufficient, and a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The committee held an open meeting after giving due notice thereof to consider supply and market conditions for lemons and the need for regulation; interested persons were afforded an opportunity to submit information and views at this meeting; the recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after such meeting was held; the provisions of this section, including its effective time, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such lemons; it is necessary, in order to effectuate the declared policy of the act, to make this section effective during the period herein specified to provide for the continued size regulation of lemons; and compliance with this section will not require any special preparation on the part of persons subject hereto which cannot be completed on or before the effective date hereof. Such committee meeting was held on October 27, 1970.

(b) *Order.* (1) During the period November 15, 1970, through November 13, 1971, no handler shall handle any lemons, grown in District 1, District 2, or District 3, which are of a size smaller than 1.82 inches in diameter, which shall be the largest measurement at right



angles to a straight line running from the stem to the blossom end of the fruit: *Provided*, That not to exceed 5 percent, by count, of the lemons in any type of container may measure less than 1.82 inches in diameter.

(2) As used in this section, "handle," "handler," "District 1," "District 2," "District 3," shall have the same meaning as when used in said amended marketing agreement and order.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated: November 10, 1970.

PAUL A. NICHOLSON,  
Deputy Director, Fruit and  
Vegetable Division, Consumer  
and Marketing Service.

[F.R. Doc. 70-15360; Filed, Nov. 13, 1970;  
8:48 a.m.]

[Lemon Reg. 454]

## PART 910—LEMONS GROWN IN CALIFORNIA AND ARIZONA

### Limitation of Handling

#### § 910.754 Lemon Regulation 454.

(a) *Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 910, as amended (7 CFR Part 910), regulating the handling of lemons grown in California and Arizona, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674), and upon the basis of the recommendations and information submitted by the Lemon Administrative Committee, established under the said amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of handling of such lemons, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice engage in public rule-making procedure, and postpone the effective date of this section until 30 days after publication hereof in the FEDERAL REGISTER (5 U.S.C. 553) because the time intervening between the date when information upon which this section is based became available and the time when this section must become effective in order to effectuate the declared policy of the act is insufficient, and a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The committee held an open meeting during the current week, after giving due notice thereof, to consider supply and market conditions for lemons and the need for regulation; interested persons were afforded an opportunity to submit information and views at this meeting; the recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after such meeting was held; the provisions of this section,

including its effective time, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such lemons; it is necessary, in order to effectuate the declared policy of the act, to make this section effective during the period herein specified; and compliance with this section will not require any special preparation on the part of persons subject hereto which cannot be completed on or before the effective date hereof. Such committee meeting was held on November 10, 1970.

(b) *Order.* (1) The respective quantities of lemons grown in California and Arizona which may be handled during the period November 15, 1970, through November 21, 1970, are hereby fixed as follows:

- (i) District 1: 18,000 cartons;
- (ii) District 2: 48,000 cartons;
- (iii) District 3: 109,000 cartons.

(2) As used in this section, "handled," "District 1," "District 2," "District 3," and "carton" have the same meaning as when used in the said amended marketing agreement and order.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated: November 13, 1970.

PAUL A. NICHOLSON,  
Deputy Director, Fruit and  
Vegetable Division, Consumer  
and Marketing Service.

[F.R. Doc. 70-15463; Filed, Nov. 13, 1970;  
11:59 a.m.]

## PART 967—CELERY GROWN IN FLORIDA

### Expenses and Rate of Assessment

Notice of rule making regarding the proposed expenses and rate of assessment, to be effective under Marketing Agreement No. 149 and Order No. 967, both as amended (7 CFR Part 967) regulating the handling of celery grown in Florida was published in the FEDERAL REGISTER October 29, 1970 (35 P.R. 16736). This regulatory program is effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.). The notice afforded interested persons an opportunity to submit written data, views, or arguments pertaining thereto not later than 7 days following publication in the FEDERAL REGISTER. None was filed.

After consideration of all relevant matters, including the proposals set forth in the aforesaid notice which were unanimously recommended by the Florida Celery Committee, established pursuant to said marketing agreement and this part, it is hereby found and determined that:

#### § 967.206 Expenses and rate of assessment.

(a) The expenses that are reasonable and likely to be incurred during the fiscal year ending July 31, 1971, by the Florida Celery Committee for its maintenance and functioning and for such

purposes as the Secretary may determine to be appropriate, will amount to \$39,500.

(b) The rate of assessment to be paid by each handler in accordance with the marketing agreement and this part shall be one-half of one cent (\$0.005) per crate of celery handled by him as the first handler thereof during said fiscal year.

(c) As provided in § 967.62, unexpended income in excess of expenses for the fiscal year ending July 31, 1971, may be carried over as an operating reserve.

(d) Terms used in this section have the same meaning as when used in the marketing agreement and this part.

It is hereby found that good cause exists for not postponing the effective date of this section until 30 days after publication in the FEDERAL REGISTER (5 U.S.C. 553) in that: (1) The relevant provisions of said marketing agreement and this part require that the rate of assessment fixed for a particular fiscal year shall be applicable to all assessable celery from the beginning of such fiscal year, and (2) the current fiscal year began on August 1, 1970, and the rate of assessment herein fixed will automatically apply to all assessable celery beginning with such date.

(Sec. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated: November 9, 1970.

PAUL A. NICHOLSON,  
Deputy Director, Fruit and Veg-  
etable Division, Consumer and  
Marketing Service.

[F.R. Doc. 70-15345; Filed, Nov. 13, 1970;  
8:47 a.m.]

## PART 987—DOMESTIC DATES PRODUCED OR PACKED IN A DESIGNATED AREA OF CALIFORNIA

### Modification of Grade Requirements

Notice was published in the October 27, 1970, issue of the FEDERAL REGISTER (35 P.R. 16637) of a proposed modification of the grade requirements in § 987.203 of Subpart—Grade and Size Regulations for free dates. The proposal was recommended by the Date Administrative Committee. As defined in § 987.13, "free dates" means those dates which are free to be handled pursuant to any free percentage established by the Secretary in accordance with § 987.44. The subpart is operative pursuant to the marketing agreement, as amended, and Order No. 987, as amended (7 CFR Part 987), regulating the handling of domestic dates produced or packed in a designated area of California. The amended marketing agreement and order (hereinafter referred to collectively as the "order") are effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601-674).

The notice afforded interested persons an opportunity to submit written data, views, or arguments with respect to the proposal, and one submission was received.



Paragraph (a) of § 987.203 prescribes, pursuant to § 987.40 of the order, grade requirements in addition to the minimum standard provided pursuant to § 987.39 for dates handled as whole or pitted dates (free dates). Such regulation requires that dates, other than Deglet Noor dates, so handled grade not less than U.S. Grade C, or U.S. Grade C (Dry), as applicable, and that Deglet Noor dates meet grade requirements which are above minimum U.S. Grade C but under U.S. Grade B. The Committee believes that better quality dates would result in increased consumer acceptability and sales, and thereby improve producer returns. The revision of said paragraph (a) would better the quality of whole or pitted dates by raising the grade requirements for all varieties of dates under the order to U.S. Grade B subject, however, to an increased tolerance for semi-dry and dry calyx ends in lots of dates packed for handling (free dates).

As provided in § 987.155(a) (1) of Subpart—Administrative Rules and Regulations (7 CFR 987.100-987.174; 35 F.R. 5396, 6700, 14764, 16398), the grade requirements for restricted dates exported to approved countries other than Mexico are those in effect pursuant to §§ 987.39 and 987.40 (as set forth in § 987.203(a)) for dates packed for handling. For Deglet Noor dates, § 987.155(a) (1) affords a 40 percent tolerance for dates damaged by broken skin. However, since no change was proposed in the grade requirements for restricted dates so exported, the applicable grade requirements for such dates would be set forth as a separate subparagraph in § 987.203(b). Moreover, the grade requirements for other disposition of restricted dates presently set forth in paragraph (b) of § 987.203 were not proposed to be changed except for a minor clarifying revision and would be designated as the provisions of paragraph (b) (2).

In view of the proposed changes setting forth the grade requirements for certain restricted dates as a separate subparagraph in § 987.203, conforming changes in subparagraphs (1) and (2) of § 987.155(a), as hereinafter set forth, would be required.

After consideration of all relevant matter presented, including that in the notice, the information and recommendation submitted by the Committee, the written comments received pursuant to the notice, and other available information, it is hereby found that the modification of grade requirements for whole or pitted dates, handled as free dates as hereinafter set forth will tend to effectuate the declared policy of the act.

Therefore, Subpart—Grade and Size Regulations (7 CFR 987.202-987.204; 35 F.R. 15981), and Subpart—Administrative Rules and Regulations (7 CFR 987.100-987.174; 35 F.R. 5396, 6700, 14764, 16398) are amended as follows:

1. Section 987.203 of Subpart—Grade and Size Regulations is revised to read as follows:

§ 987.203 Additional grade regulations.

This section contains additional grade regulations prescribed pursuant to § 987.40 and particular grade regulations pursuant to § 987.55.

(a) *Free dates—dates handled as whole or pitted dates.* Dates handled under this part as whole or pitted dates shall meet the requirements of U.S. Grade B or, if for further processing U.S. Grade B (Dry) of the U.S. Standards for Grades of Dates (§§ 52.1001-52.1011 of this title), as from time to time amended or modified and in effect at the time of such handling, except that with respect to dates packed for handling, not more than 25 percent, by weight, of the dates may possess semidry or dry calyx ends provided that not more than 5 percent, by weight, of the dates may possess dry calyx ends.

(b) *Restricted dates—dates withheld to meet restricted obligation; and disposition of restricted dates—(1) Dates withheld to meet restricted obligation and to be disposed of by export to certain countries.* Dates withheld from handling pursuant to § 987.45 for export pursuant to §§ 987.55 and 987.155(a) (1) and (2) to approved or particular countries shall meet the requirements of U.S. Grade C or, if for further processing, U.S. Grade C (Dry) of the U.S. Standards for Grades of Dates, as aforesaid: *Provided*, That with respect to Deglet Noor dates (i) not more than 40 percent, by weight, of the dates may be damaged by broken skin; and (ii) the dates shall score not less than 24 points for the factor of absence of defects other than broken skin, and not less than 31 points for the factor of character.

(2) *Restricted dates to be disposed of in other approved outlets.* Dates withheld from handling pursuant to § 987.45 to be disposed of pursuant to § 987.55 other than by export to approved countries other than Mexico shall meet, as the minimum grade requirements for restricted dates, the requirements of U.S. Grade C or, if for further processing, U.S. Grade C (Dry) of the U.S. Standards for Grades of Dates, as aforesaid: *Provided*, That Deglet Noor dates shall score (i) not less than 24 points for the factor of absence of defects, except that dates damaged by broken skin, by mashing, and by mechanical injuring (not affecting eating quality) shall not be considered when determining the defect factor, and (ii) not less than 29 points for the factor of character.

2. Section 987.155 of Subpart—Administrative Rules and Regulations is amended by revising its title, and the provisions of paragraph (a) (1) through subdivision (i) thereof and of paragraph (a) (2) through subdivision (i) thereof, so that such title and provisions read as follows, respectively:

§ 987.155 Disposition of restricted and other marketable dates by export or diversion.

(a) *By export.* (1) Pursuant to § 987.155, all countries other than Canada are approved as countries to which restricted

dates may be exported. However, restricted dates exported to approved countries other than Mexico shall, except as otherwise prescribed in subparagraph (2) of this paragraph, meet the following requirements:

(i) Be inspected and certified prior to export as meeting (a) the then current applicable grade requirements in § 987.203(b) (1) for dates other than dates for further processing, and (b) the then current size requirements in § 987.204 for dates handled as free dates.

(ii) [Reserved]

(2) Restricted and other marketable dates of a particular variety (i) certified as meeting (a) the then current applicable grade requirements in § 987.203(b) (1) for dates for further processing and (b) the then current size requirements in § 987.204 for dates handled as free dates or,

It is further found that good cause exists for not postponing the effective time of this action until 30 days after publication in the FEDERAL REGISTER (5 U.S.C. 553) in that: (1) Handlers are aware of the Date Administrative Committee's recommendation and need no additional time or notice to comply with the change in the grade requirements; (2) dates of the 1970 production are now being processed and inspected, and the change should become effective promptly to minimize any inequities which could result among producers or handlers due to different requirements for different parts of the same crop year; and (3) a prompt effective date would also make the higher quality whole or pitted dates available for purchase by consumers sooner, thus tending to maximize the benefits of the regulation.

(Secs. 1-19, 48 Stat. 31, as amended; 7 U.S.C. 601-674)

Dated November 12, 1970, to become effective upon publication in the FEDERAL REGISTER.

FLOYD F. HEDLUND,  
Director, Fruit and Vegetable  
Division, Consumer and Marketing Service.

[P.R. Doc. 70-15385; Filed, Nov. 13, 1970; 8:50 a.m.]

Title 8—ALIENS AND NATIONALITY

Chapter I—Immigration and Naturalization Service, Department of Justice

PART 264—REGISTRATION AND FINGERPRINTING OF ALIENS IN THE UNITED STATES

Replacement of Registration

Reference is made to the notice of proposed rule making which was published in the FEDERAL REGISTER on October 16, 1970 (35 F.R. 16256), pursuant to section 553 of title 5 of the



United States Code (80 Stat. 383) and in which there were set out the terms of the proposed amendments pertaining to the replacement of the Alien Registration Receipt Card within 1 year after becoming a lawful permanent resident. The representations which were received concerning the proposed rules of October 16, 1970, have been considered. No change was made in the proposed rules. The proposed rules as set out below are hereby adopted:

The sixth and eighth sentences are amended and a new sentence is added following the existing eighth sentence of paragraph (c) *Replacement of registration of § 264.1 Registration and fingerprinting* to read as follows: "Application by an alien lawfully admitted for permanent residence for Form I-151, Alien Registration Receipt Card, in lieu of one lost, mutilated, or destroyed, or who requests issuance of such card in a name which has been changed after registration by order of any court of competent jurisdiction or by marriage, or whose Form I-151 was never received and application is made more than 1 year after the date of his admission for permanent residence or adjustment to permanent resident status, shall be made on Form I-90 accompanied by the fee required by § 103.7(b) of this chapter, two photographs, unless the requirement for such photographs has been waived by the district director in his discretion because of hardship to an applicant who is confined due to age or physical infirmity, and, when issuance of Form I-151 is desired in a changed name, by appropriate documentary evidence of such change. \* \* \* An application on Form I-90, with two photographs, but without fee, is required for issuance of Form I-151 in the case of a lawful permanent resident who surrenders evidence of registration on other than Form I-151; who establishes within one year after admission for permanent residence or adjustment to permanent resident status that such form was not received by him, if the form has not been returned to the issuing Service office; who is the holder of a Form I-151 which is in poor condition because of improper lamination and surrenders such form, or in the case of an alien who has attained the age of 14 and is seeking to be registered and fingerprinted pursuant to section 262(b) of the Act and who surrenders evidence of registration previously issued to him. No application or fee is required if Form I-151 has been returned to the issuing office and is in the applicant's file."

(Sec. 103, 66 Stat. 173; 8 U.S.C. 1103)

The basis and purpose of the above-prescribed regulations are to limit the replacement of Alien Registration Receipt Cards in certain instances to a 1-year period.

This order shall be effective on the date of its publication in the FEDERAL REGISTER. Compliance with the provisions of section 553 of title 5 of the United States Code (80 Stat. 383), as to delayed effective date, is unnecessary in this instance and would serve no useful purpose because the persons affected

thereby will not require additional time to prepare for the effective date of the regulations.

Dated: November 9, 1970.

RAYMOND F. FARRELL,  
Commissioner of  
Immigration and Naturalization.  
[F.R. Doc. 70-15351; Filed, Nov. 13, 1970;  
8:48 a.m.]

### PART 335—PRELIMINARY EXAMINATION ON PETITIONS FOR NATURALIZATION

#### Notice of Recommendation of Designated Examiner

Reference is made to the notice of proposed rule making which was published in the FEDERAL REGISTER on October 16, 1970 (35 F.R. 16256), pursuant to section 553 of title 5 of the United States Code (80 Stat. 383) and in which there were set out the terms of the proposed amendments pertaining to certain naturalization cases. The representations which were received concerning the proposed rules of October 16, 1970, have been considered. No change was made in the proposed rules. The proposed rules as set out below are hereby adopted:

Paragraphs (a) and (d) of § 335.13 are amended to read as follows:

§ 335.13 Notice of recommendation of designated examiner.

(a) *Recommendation that petition be denied.* When the designated examiner proposes to recommend denial of the petition, the petitioner or his attorney or representative shall be notified thereof and furnished a copy of the designated examiner's memorandum. The notice shall be given in conjunction with notification of the date, place, and time of holding the final hearing. The notice shall be sent by certified mail, with return receipt requested, after any review made by the regional commissioner.

(d) *Briefs.* If the petitioner intends to file a brief or memorandum at the final hearing, he shall furnish a copy thereof to the Service office from which the notice on Form N-425 emanated at least 5 days prior to the date of the final hearing. Failure to do so will result in a motion for a continuance if deemed essential for the proper presentation of the Government's case.

(Sec. 103, 66 Stat. 173; 8 U.S.C. 1103)

The basis and purpose of the above-prescribed regulations are to delete the 30-day requirement in a recommended denial case in furnishing notices of a final hearing and to limit to 5 days the filing of a brief or memorandum after receiving notice of the proposed denial recommendation.

This order shall be effective on the date of its publication in the FEDERAL REGISTER. Compliance with the provisions of section 553 of title 5 of the United States Code (80 Stat. 383), as to delayed effective date, is unnecessary in this instance and would serve no useful pur-

pose because the persons affected thereby will not require additional time to prepare for the effective date of the regulations.

Dated: November 9, 1970.

RAYMOND F. FARRELL,  
Commissioner of  
Immigration and Naturalization.  
[F.R. Doc. 70-15352; Filed, Nov. 13, 1970;  
8:48 a.m.]

## Title 10—ATOMIC ENERGY

### Chapter I—Atomic Energy Commission

#### PART 50—LICENSING OF PRODUCTION AND UTILIZATION FACILITIES

##### Siting of Fuel Reprocessing Plants and Related Waste Management Facilities

On June 3, 1969, the Atomic Energy Commission published in the FEDERAL REGISTER (34 F.R. 8712), and invited public comment on, a proposed statement of policy, in the form of an appendix to 10 CFR Part 50, concerning the siting of fuel reprocessing plants and related waste management facilities. The function of reprocessing plants is to recover valuable unused nuclear fuel from fuel elements removed from reactors when the elements have reached the end of their useful lives. In addition to the unused fuel, the elements contain radioactive fission products generated during reactor operation. They emerge from the chemical reprocessing as liquid or solid wastes which must be safely disposed of.

The proposed statement of policy dealt principally with (1) the question as to whether the safety problems and characteristics associated with operation or with the decommissioned status of a licensed fuel reprocessing plant require, from the standpoint of the public health and safety, that these plants be located on land owned and controlled by the Federal Government; and (2) the question of ultimate disposal of high-level radioactive fission product wastes generated at these plants. The Commission has concluded that public health and safety considerations relating to fuel reprocessing plants do not require that such facilities be located on land owned and controlled by the Federal Government. Such plants, including the facilities for the temporary storage of high-level radioactive wastes, may be located on privately owned property. This conclusion was based on (1) the availability of technology for solidifying the high-level waste in forms suitable for safe transport to and disposal at a Federal repository specially selected and designed for permanent removal of such radioactive wastes from the biosphere, and (2) a recognition that fuel reprocessing plants can be so designed that radiologically significant contaminants may be removed or otherwise satisfactorily disposed of when the plant is retired from operational service.



The proposed appendix to 10 CFR Part 50 would state, among other things, that the high-activity liquid wastes generated in a fuel reprocessing plant must be converted to an AEC-approved solid form and transferred to a Federal waste repository. The liquid waste could be stored at the fuel reprocessing plant as long as 5 years before conversion to solid form. Shipment to a Federal repository would not be required until 10 years after generation of the liquid waste. The proposed appendix would also provide that reprocessing plants must be designed to facilitate decontamination and removal of all significant radioactive wastes in the event a plant is retired from operational status. License applicants would be required to furnish information on financial qualifications to provide for the removal and disposal of radioactive wastes in accordance with the Commission's existing regulations.

Interested persons were invited to submit comments and suggestions for consideration in connection with the proposed statement of policy within 60 days after publication in the FEDERAL REGISTER. The comment period was later extended to September 15, 1969.

Upon consideration of the comments received and other factors involved, the Commission has adopted the statement of policy which follows. The statement is the same as that published for comment on June 3, 1969, except as noted below.

Of primary concern in developing a policy for the siting of fuel reprocessing plants is the need to restrict, in the interest of public health and safety, the quantities and mobility of the high-level radioactive wastes stored onsite at fuel reprocessing plants. During the past 15 years the Commission has been carrying out research and development programs aimed at developing a method for effectively and permanently removing these wastes from man's biological environment. These programs have also been designed to reduce the possibility of the inadvertent release of such wastes to the environment.

The major emphasis in these programs has been directed toward the conversion of liquid wastes into solid forms suitable for interim onsite storage, safe transport and disposal in selected deep geologic formations. These general concepts were initially suggested in 1955 by the Committee on Radioactive Waste Disposal of the National Academy of Science-National Research Council. The concepts have been supported by successor committees of the Academy. In the interim the technical feasibility of both waste solidification and solid waste disposal in deep geologic formations has been demonstrated. On June 17, 1970, the Commission announced the tentative selection of a site near Lyons, Kans., for the location of a demonstration repository. Authorization and appropriations for construction of the repository will be sought in the fiscal year 1972 budget. It is anticipated that this storage facility—constructed in a deep, bedded-salt formation—will be designated as the ini-

tial Federal repository for solid radioactive wastes.

As stated in the Commission's June 17th announcement, bedded salt for long-term storage of radioactive wastes is particularly attractive. It is widespread and abundant; it has good structural properties; it is relatively inexpensive to mine; its thermal properties are better than those of most other rock types; and it occurs generally in areas of low seismicity. Most importantly, salt deposits are free of circulating ground waters and completely isolated from underground aquifers by essentially impermeable rock formations. Furthermore, this situation tends to be preserved because any fractures which might develop are readily healed by plastic deformation of the salt.

There is no indication that alternative technologies, suitable for power reactor fuels, will be available in the foreseeable future. However, should alternate technology become available, and should it appear to be equivalent to or an improvement over that specified in the policy adopted by the Commission, it will be evaluated and given appropriate consideration.

The Commission is continuing to evaluate the feasibility of storage of high-level liquid radioactive wastes from its production facilities at Savannah River, S.C., and Hanford, Wash., in underground caverns beneath these sites. The over 80 million gallons of high-level wastes now stored in tanks at these installations constitute over 95 percent by volume of all high-level wastes in this country. However, such wastes differ materially in radioactivity level, heat output and chemical composition from wastes produced by licensed fuel reprocessing plants planned or under construction. For example, the Savannah River and Hanford wastes have been chemically neutralized, contain large volumes of nonfission product materials, and have heat and radioactivity outputs many times lower than the licensed plant wastes. Most of the Savannah River and Hanford wastes were generated as the result of operations to meet defense needs.

There are a number of unique considerations and incentives for the Commission's decision to support research and development on long-term storage in underground caverns beneath these Savannah River and Hanford sites. These include: The large volume of the Savannah River and Hanford wastes; the relatively low heat output of these wastes as compared with those from licensed reprocessing plants; and the tremendous estimated cost and related problems of solidifying and shipping these wastes offsite. This research and development program is being performed in phases. In the interim both Savannah River and Hanford are immobilizing their tank-stored liquid wastes by evaporating them to salt cakes in the existing tanks. Before any decision is made to store wastes in underground caverns a substantial amount of exploration work will be necessary to assure that the wastes will be isolated from

the biosphere for centuries. The research and development program at Savannah River to date, and further exploratory drilling and mining to determine the suitability of the bedrock under the site, are expected to cost about \$14 million. Such a research and development program is a necessary prerequisite to a decision to construct a facility solely for Savannah River wastes. Nevertheless, because of the large volume of wastes already in existence at that site, long-term storage of the waste in caverns mined in the bedrock offers the potential of significant cost savings as compared to the alternative of solidification and storage offsite. However, it is doubtful that bedrock storage of liquid wastes would be attractive for licensed reprocessing plants. Specifically, the high cost of the research and development program that would be required to prove out the bedrock at each location, the uncertainty and associated delay until the site is accepted, and the high estimated costs of constructing each such disposal facility, support this conclusion.

At this time there is only one licensed fuel reprocessing plant in operation; consequently the industry does not have a significant volume of existing stored liquid wastes. Planners of new reprocessing plants have available to them proven AEC-developed processes designed to generate relatively small volumes of acid wastes and to reduce these wastes to acceptable solid forms. Recent AEC studies (e.g., ORNL-4451, "Siting of Fuel Reprocessing Plants and Waste Management Facilities") indicate the estimated cost of solidification and shipment of wastes from licensed reprocessing plants to Federal repositories for storage will not have a significant impact on the nuclear power industry.

The Commission does not now regard storage of liquid high-level wastes in tanks as constituting an acceptable method of long-term storage. Commission experience with its tank storage of liquid high-level wastes is extensive and while tank design, construction and maintenance have improved, the fact remains that tanks can deteriorate and leak and that wastes in liquid form offer a much more serious potential for dispersal in the environment in the event of an accident no matter how unlikely such an accident may be, and present far more difficulty for recovery and decontamination than solidified wastes. Tank storage requires extensive surveillance, and often requires mechanical cooling apparatus to be functioning continuously. Over periods of centuries one cannot assure the continuity of surveillance and care which tank storage requires.

Some period of in-tank storage of liquid wastes at the reprocessing plant-site may be required for cooling purposes depending upon the solidification process to be used. However, the requirement to solidify such wastes, within 5 years of their generation, into a form suitable for off-site shipment and long-term storage will assure that liquid wastes do not accumulate on-site in large quantities.



The Commission has given careful consideration to the safety considerations associated with the transport of solid radioactive wastes to a Federal repository. The technology and experience resulting from the transportation of irradiated fuel elements over the last 20 years provide a firm basis for developing safe, reliable systems for shipping solidified high-level radioactive wastes. Shipments of solidified radioactive wastes carried out in accordance with regulations of the AEC and the Department of Transportation should not endanger the health and safety of the public.

As noted, the policy includes a 5-year limit on interim liquid storage of high-level wastes. The policy would also require that the waste be transferred, in solid form, to a Federal repository no later than 10 years following separation of the fission products from the irradiated fuel. These inventory restrictions would be imposed in the interest of minimizing any potential hazard to the public health and safety and of assuring that shipments of a Federal repository are made on a timely basis. The Commission believes that these inventory limitations are reasonable from the standpoint of waste management economics. While a penalty may be incurred in terms of Federal repository space utilization if wastes are placed in a repository at an age under 6 to 8 years, there appears to be little economic incentive to defer placement in the repository of wastes aged more than 10 years. This conclusion takes into account the cost and maintenance of interim solid-storage facilities.

Some concern has been expressed that required solidification of high-level wastes will render unavailable a potentially valuable resource in that these wastes represent a unique source of radionuclides which are useful in various applications, such as compact heat and power sources. However, under the Commission policy, the permissible 5-year inventory of liquid wastes will provide a ready supply of feed material for an isotope recovery facility, and the separated byproducts will not be subject to the inventory limitations. Furthermore, the quantity of isotopes generated in the production of nuclear power will continue to expand rapidly in the foreseeable future; thus, the isotope production in any given year will represent a significant fraction of the total quantity then available.

Interest has been expressed regarding that aspect of the policy which provides that disposal of high-level radioactive fission product waste would not be permitted on any land other than that owned and controlled by the Federal Government. It has been urged that the Commission permit the establishment of repositories for such wastes on State-owned land with operation under AEC licenses. The Commission has considered these suggestions but believes at this time that high-level waste repositories should be under Federal ownership and responsibility. The Commission wishes to emphasize, however, that adoption of

this policy will not preclude consideration of State participation in federally owned repositories or in high-level waste management activities at some time in the future.

The health and safety of the public, both of the present and future generations, requires that any permanent repository for high-level radioactive wastes provide complete isolation of the wastes from man's biological environment. The Commission believes that Federal ownership of and responsibility for the proposed Lyons, Kans., repository will provide the most productive and timely means of demonstrating that such repositories can be operated without endangering the health and safety of the public.

Paragraph 2 of the proposed policy published for comment on June 3, 1969: *Provided*, That "High-level liquid radioactive wastes in excess of this authorized inventory must be converted to an AEC-approved solid form." Paragraph 2 has been revised to specify the forms of solidified high-level radioactive wastes considered by the Commission to be acceptable for receipt and disposal at a Federal repository. The specifications have been developed with the view of providing maximum flexibility to licensees in producing solid forms which would satisfy the safety requirements associated with onsite interim storage, transportation, and Federal repository operations.

Data are presently available which will permit independent development of unit costs for all waste management operations involved in complying with the policy other than repository charges.

Following congressional authorization and the completion of the detailed repository design a firm schedule of repository charges will be developed and published by the Commission. For interim guidance the previously cited ORNL report identifies the bases upon which such charges may be developed and provides preliminary estimates. For example, the cost for disposal of a container of waste may be determined as the product of the cost per unit of floor area of the mine and the area that is required to provide for sufficient dissipation of heat from the container. In addition, there would likely be a minimum charge for handling. Of course, all such charges would be subject to adjustment as experience is gained in the operation of the repository.

One of the elements of the policy is that fuel reprocessing plants be designed to facilitate decontamination and removal of all significant radioactive wastes at the time the facility is permanently decommissioned. Viewed from the perspective that each generation is trustee of the environment for succeeding generations, the Commission considers that the public interest requires that a high degree of decontamination capability be included in such facilities and that any residual radioactive contamination after decommissioning be sufficiently low as not to represent a hazard to the public health and safety. Specific re-

quirements for decontamination and decommissioning of fuel reprocessing facilities will be developed in consultation with competent groups. Public comment will be invited before such rules are made effective.

The proposed policy statement, as previously published, also included provisions, designated as paragraphs 6 and 7 of the policy, which related to the disposal of radioactive hulls and other solid wastes resulting from operation of fuel reprocessing plants. Since publication of the proposed policy the Commission has undertaken studies in connection with the ultimate disposal of wastes contaminated with plutonium or other transuranium nuclides. The Commission anticipates that these studies may result in amendments to its regulations identifying certain radioactive materials deemed unsuitable for disposal at licensed, privately operated land burial facilities. Public comment will be invited on such proposed amendments. Any Commission rules on eventual disposal of such wastes will be rules of general applicability to all licensees. Accordingly, paragraphs 6 and 7 have been deleted.

The Commission staff plans to convene a conference of interested industry representatives prior to the expiration of the 60-day comment period for the purpose of assuring a full discussion and exchange of views regarding the policy statement. The date and place of the conference will be announced at an early date.

The text of the statement of policy set out below is the same as that published for comment on June 3, 1969, except for minor editorial changes and (1) the redesignation of the appendix as Appendix F of 10 CFR Part 50; (2) the revision of the definition of "high-level liquid radioactive wastes" in paragraph 1 of the appendix to clarify its application to fuel reprocessing systems other than solvent extraction; (3) the revision of paragraph 2 of the appendix to include a specification of AEC-approved solid form; (4) the inclusion of a statement in paragraph 4 of the appendix to indicate that the decontamination to be required upon decommissioning will be the subject of criteria which the Commission will develop in consultation with competent groups; (5) the deletion of the previously proposed paragraphs 6 and 7 of the appendix, dealing with ultimate disposal of miscellaneous solid wastes generated at fuel reprocessing facilities, in view of current AEC studies which the Commission anticipates may result in proposed amendments to its regulations identifying certain radioactive materials deemed unsuitable for disposal onsite or at licensed, privately owned land burial facilities; and (6) the inclusion in the appendix of a new paragraph 6 providing that with respect to fuel reprocessing plants already licensed, the licenses will be appropriately conditioned to carry out the purposes of the policy stated above.

Pursuant to the Atomic Energy Act of 1954, as amended, and sections 552



and 553 of title 5 of the United States Code, the following amendment to 10 CFR Part 50 is published as a document subject to codification, to be effective 90 days after publication in the FEDERAL REGISTER. The Commission invites all interested persons who desire to submit written comments or suggestions in connection with the amendment to send them to the Secretary, U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Chief, Public Proceedings Branch, within 60 days after publication of this notice in the FEDERAL REGISTER. Consideration will be given such submissions with the view to possible amendments. Copies of comments received may be examined at the Commission's Public Document Room at 1717 H Street NW., Washington, D.C.

A new Appendix F is added to 10 CFR Part 50 to read as follows:

APPENDIX F

POLICY RELATING TO THE SITING OF FUEL RE-PROCESSING PLANTS AND RELATED WASTE MANAGEMENT FACILITIES

1. Public health and safety considerations relating to licensed fuel reprocessing plants do not require that such facilities be located on land owned and controlled by the Federal Government. Such plants, including the facilities for the temporary storage of high-level radioactive wastes, may be located on privately owned property.

2. A fuel reprocessing plant's inventory of high-level liquid radioactive wastes will be limited to that produced in the prior 5 years. (For the purpose of this statement of policy, "high-level liquid radioactive wastes" means those aqueous wastes resulting from the operation of the first cycle solvent extraction system, or equivalent, and the concentrated wastes from subsequent extraction cycles, or equivalent, in a facility for reprocessing irradiated reactor fuels.) High-level liquid radioactive wastes shall be converted to a dry solid as required to comply with this inventory limitation, and placed in a sealed container prior to transfer to a Federal repository in a shipping cask meeting the requirements of 10 CFR Part 71. The dry solid shall be chemically, thermally, and radiolytically stable to the extent that the equilibrium pressure in the sealed container will not exceed the safe operating pressure for that container during the period from canning through a minimum of 90 days after receipt (transfer of physical custody) at the Federal repository. All of these high-level radioactive wastes shall be transferred to a Federal repository no later than 10 years following separation of fission products from the irradiated fuel. Upon receipt, the Federal repository will assume permanent custody of these radioactive waste materials although industry will pay the Federal Government a charge which together with interest on unexpended balances will be designed to defray all costs of disposal and perpetual surveillance. AEC will take title to the radioactive waste material upon transfer to a Federal repository. Before retirement of the reprocessing plant from operational status and before termination of licensing pursuant to § 50.82, transfer of all such wastes to a Federal repository shall be completed. Federal repositories, which will be limited in number, will be designated later by the Commission.

3. Disposal of high-level radioactive fission product waste material will not be permitted on any land other than that owned and controlled by the Federal Government.

4. A design objective for fuel reprocessing plants shall be to facilitate decontamination and removal of all significant radioactive

wastes at the time the facility is permanently decommissioned. Criteria for the extent of decontamination to be required upon decommissioning and license termination will be developed in consultation with competent groups. Opportunity will be afforded for public comment before such criteria are made effective.

5. Applicants proposing to operate fuel reprocessing plants, in submitting information concerning financial qualifications as required by § 50.33(f), shall include information enabling the Commission to determine whether the applicant is financially qualified, among other things, to provide for the removal and disposal of radioactive wastes, during operation and upon decommissioning of the facility, in accordance with the Commission's regulations, including the requirements set out in this appendix.

6. With respect to fuel reprocessing plants already licensed, the licenses will be appropriately conditioned to carry out the purposes of the policy stated above.

(Sec. 161, 68 Stat. 948; 42 U.S.C. 2201)

Dated at Washington, D.C., this 5th day of November 1970.

For the Atomic Energy Commission.

W. B. McCool,  
Secretary of the Commission.

[F.R. Doc. 70-15338; Filed, Nov. 13, 1970; 8:46 a.m.]

Title 14—AERONAUTICS AND SPACE

Chapter I—Federal Aviation Administration, Department of Transportation

[Airworthiness Docket No. 70-SW-66; Amdt. 39-1109]

PART 39—AIRWORTHINESS DIRECTIVES

Aerostar Models 600 and 601 Airplanes

There have been failures of the flap tracks on Aerostar Models 600 and 601 airplanes that could result in jamming of the ailerons and loss of lateral control. Since this condition could exist on other airplanes of the same model, an airworthiness directive is being issued to provide for installation of redesigned flap tracks on Aerostar Models 600 and 601 airplanes or to restrict flap operating speeds.

Since a situation exists that requires immediate adoption of this regulation, it is found that notice and public procedure hereon are impracticable and good cause exists for making this amendment effective in less than 30 days.

In consideration of the foregoing, and pursuant to the authority delegated to me by the Administrator (31 F.R. 13697), § 39.13 of Part 39 of the Federal Aviation Regulations is amended by adding the following new airworthiness directive:

**AEROSTAR.** Applies to Models 600 and 601 airplanes, Serial Nos. 60-0001 through 60-0056 and 61-0001 through 61-0070.

Compliance required as indicated unless already accomplished. To prevent failure of the wing flap tracks, jamming of the ailerons

and possible loss of lateral control, accomplish the following:

a. Before further flight after the effective date of this AD, except that the airplane may be flown in accordance with FAR 21.197 to a base where the repair can be performed:

(1) Install wing flap speed placard in accordance with Aerostar Service Bulletin No. 600-22A, dated August 12, 1970, or by an equivalent method approved by the Chief, Engineering and Manufacturing Branch, Southwest Region, FAA, Fort Worth, Tex.

(2) Inspect flap tracks in accordance with Aerostar Service Bulletin 600-22A, dated August 12, 1970, or by an equivalent method approved by the Chief, Engineering and Manufacturing Branch, Southwest Region, FAA, Fort Worth, Tex.

(3) If cracks are found, repair before further flight in accordance with Parts II, III, and IV of Aerostar Service Bulletin 600-23, dated November 4, 1970, or by an equivalent method approved by the Chief, Engineering and Manufacturing Branch, Southwest Region, FAA, Fort Worth, Tex.

b. At the next annual inspection, or within the next 100 hours' time in service, whichever comes first after the effective date of this AD, install Aerostar Kit No. SB 600-23-1 in accordance with Aerostar Service Bulletin No. 600-23, dated November 4, 1970, or by an equivalent method approved by the Chief, Engineering and Manufacturing Branch, Southwest Region, FAA, Fort Worth, Tex.

c. When the modification has been incorporated, the placard required by paragraph (a) above may be removed.

This amendment becomes effective to all known owners of Aerostar Model 600 and 601 airplanes upon receipt of individual copies mailed November 6, 1970, and to all other persons on November 16, 1970.

(Secs. 313(a), 601 and 603, Federal Aviation Act of 1958, 49 U.S.C. 1354(a), 1421, and 1423; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Fort Worth, Tex., on November 5, 1970.

HENRY L. NEWMAN,  
Director, Southwest Region.

[F.R. Doc. 70-15361; Filed, Nov. 13, 1970; 8:49 a.m.]

[Airworthiness Docket No. 70-SW-67; Amdt. 39-1110]

PART 39—AIRWORTHINESS DIRECTIVES

Aerostar Model 600 and 601 Airplanes

There have been numerous failures of the fuel pressure gage allowing fuel to escape via the fuel gage vent line into the hot engine compartment creating a fire hazard. One such failure resulted in an engine fire. Since this condition is likely to exist or develop in other airplanes of the same type design, an airworthiness directive is being issued to require installation of fuel float check valves in the fuel gage vent lines.

Since a situation exists that requires immediate adoption of this regulation, it is found that notice and public procedure hereon are impracticable, and good cause exists for making this amendment effective in less than 30 days.

In consideration of the foregoing, and pursuant to the authority delegated to



me by the Administrator (31 F.R. 13697), § 39.13 of Part 39 of the Federal Aviation Regulations is amended by adding the following new airworthiness directive:

**AEROSTAR.** Applies to all Model 600 and 601 airplanes, Serial Nos. 60-0001 through 60-0056 and 61-0001 through 61-0070. Compliance required as indicated, unless already accomplished. To prevent fuel discharge into the engine compartment and possible engine fire, accomplish the following:

1. Before further flight after the effective date of this AD, inspect each of the two Edison P/N 195-10TC112D1 fuel pressure indicators for a ruptured diaphragm by disconnecting and observing the fuel pressure gage vent line while operating the appropriate electric fuel pump. If fuel is found in the vent line or flows from vent, replace gage.

2. Within the next 25 hours time in service after the effective date of this AD, install fuel float check valves, Aerostar Part No. A600115-1, in accordance with Instruction II of Aerostar Aircraft Corp. Service Bulletin No. 600-28, dated November 4, 1970, or later FAA approved revision.

Alternate means of compliance or equivalent replacement parts may be acceptable if approved by the Chief, Engineering and Manufacturing Branch, Flight Standards Division, Southwest Region, Federal Aviation Administration, Fort Worth, Tex.

This amendment becomes effective to all known owners of Aerostar Model 600 and 601 airplanes upon receipt of individual copies mailed November 6, 1970, and to all other persons on November 16, 1970.

(Secs. 313(a), 601, and 603, Federal Aviation Act of 1958, 49 U.S.C. 1354(a), 1421 and 1423; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Fort Worth, Tex., on November 5, 1970.

HENRY L. NEWMAN,  
Director, Southwest Region.

[F.R. Doc. 70-15362; Filed, Nov. 13, 1970; 8:49 a.m.]

[Docket No. 70-CE-18-AD; Amdt. 39-1108]

## PART 39—AIRWORTHINESS DIRECTIVES

### Beech Models 99 and 99A Airplanes

As a result of FAA requirements and of fatigue analyses and tests conducted by the manufacturer on Beech Models 99 and 99A airplanes, it has been determined that certain components of the wing structure on these model airplanes have a limited fatigue life. Fatigue cracks in any of these components could result in an unsafe condition. To identify possible fatigue cracks, the manufacturer has issued Beechcraft Service Instruction No. 0388-018, pertaining to Beech Models 99 and 99A airplanes, which provides data for additional inspection openings in the wing and requires repetitive visual, eddy current and dye penetrant inspections of the wing structure. The Service Instruction further requires replacement of the wing center section lower forward spar caps, right and left outer wing panel lower forward spar caps and the wing attachment fittings at 10,000 hours' time in service. The Service Instruction also

states that cracks found during any of the inspections in certain specified areas require replacement of the affected part. In the interest of safety and in order to make the requirements of Beechcraft Service Instruction No. 0388-018 mandatory, an airworthiness directive is being issued requiring within the next 250 hours' time in service after the effective date of the AD that all Beech Models 99 and 99A airplanes with 2,000 or more hours' time in service, or upon accumulation of 2,000 hours' time in service, must comply with said Service Instruction. The AD will further require written notification to the Chief, Engineering and Manufacturing Branch, FAA, Central Region, of all cracks found during the inspections if located in the areas designated in the Service Instruction.

As a result of tests and further evaluation currently being made by the manufacturer, the retirement times and inspection procedures called for in this AD may be subject to change. In this event, it will be necessary to issue additional amendments to reflect these changes.

Since immediate adoption of this AD is required in the interest of safety, compliance with the notice and public procedure provisions of the Administrative Procedure Act is not practical and good cause exists for making this rule effective in less than thirty (30) days.

In consideration of the foregoing and pursuant to the authority delegated to me by the Administrator (31 F.R. 13697), § 39.13 of Part 39 of the Federal Aviation Regulations is amended by adding the following new AD.

**BEECH.** Applies to Models 99 and 99A (Serial Nos. U-1 and up) Airplanes with 2,000 or more hours' time in service.

Compliance: Required as indicated. To detect any cracking of certain wing center section and other wing panel front spar carry through structural components, within the next 250 hours' time in service after the effective date of this AD, unless already accomplished, accomplish the following:

(A) On airplanes with 2,000 or more hours' time in service or upon accumulation of the first 2,000 hours' time in service or upon accumulation of 2,000 hours' time in service after compliance with paragraph E and thereafter at intervals not to exceed 100 hours, visually inspect the lower wing skin area adjacent to each outer wing panel front spar attachment fitting for cracks in accordance with Beechcraft Service Instruction No. 0388-018 or later revision approved by the Chief, Engineering and Manufacturing Branch, FAA, Central Region.

1. If wing panel skin cracks are found in the area indicated in Figure 1 of Beechcraft Service Instruction No. 0388-018, inspection of the wing structure must be performed in accordance with paragraph B of this AD prior to returning the aircraft to service.

2. In addition, if a skin crack is found at the most outboard screw hole, as indicated in said Figure 1, the paragraph B inspection must be performed not only prior to returning the aircraft to service but thereafter at not more than 250 hour intervals.

(B) On all airplanes with 3,000 hours' time in service or upon accumulation of 3,000 hours' time in service and thereafter at intervals not to exceed 500 hours, except

as noted in paragraph A-2 and paragraph B-8, inspect the structural components set forth below and in Beechcraft Service Instruction No. 0388-018 or later revision approved by the Chief, Engineering and Manufacturing Branch, FAA, Central Region, by visual, eddy current and dye penetrant methods, as specified in the Service Instruction. The structural components to be inspected are as follows:

1. Right and left lower forward inboard and outboard wing attachment fittings.

2. Lower forward wing fitting-to-spar attachment area and the edges of the forward and aft flanges on the lower forward spar cap in the center section (outboard of each main gear wheel well).

3. Lower forward spar cap in each main gear wheel well.

4. Lower surface forward and aft flanges of the lower forward spar cap in the nacelle inboard of each main gear wheel well.

5. Lower surface of the lower forward spar cap between each nacelle and the fuselage.

6. The four Jo-bolt holes in the forward flange of the lower forward spar cap inboard of each nacelle in the area of the wing root rib.

7. The lower forward spar cap within the fuselage.

8. The centerline skin splice in the area between the forward and aft center section spars, and the fuselage formers along the centerline between the forward and aft center section spars. If fuselage former cracks are found in this area, they must be repaired in accordance with said Service Instruction prior to returning the aircraft to service and the 500 hour inspection interval must be reduced to not more than 250 hours.

(C) If cracks are found in any of the components required to be inspected by paragraph B, prior to further flight, replace all components or assembly with new parts as specified in, and in accordance with Beechcraft Service Instruction No. 0388-018 or later revision approved by the Chief, Engineering and Manufacturing Branch, FAA, Central Region.

(D) Aircraft Logbook entries must be made and notification in writing sent to Chief, Engineering and Manufacturing Branch, FAA, Central Region, stating the location and length of any cracks found during inspections required by this AD and also the total time in service of the component at the time the crack was discovered. (Report approved by the Bureau of the Budget under BOB No. 04-R0174.)

(E) On all airplanes upon accumulating 10,000 hours' time in service or 10,000 hours' time in service after complying with paragraph C and at 10,000 hour intervals thereafter, replace the wing center section lower forward spar cap, both the right and left outer wing panel lower forward spar caps including the wing attachment fittings and the skin panels adjacent to the outer panel wing attachment fittings with new production parts in accordance with Beechcraft Service Instruction No. 0388-018 or later revision approved by the Chief, Engineering and Manufacturing Branch, FAA, Central Region.

(F) On all aircraft, regardless of time in service, replacement of parts in compliance with paragraph C or E of this AD will permit the owner/operator to establish new initial inspection times in compliance with paragraphs A and B.

(G) Equivalent methods of compliance with this AD must be approved by the Chief, Engineering and Manufacturing Branch, FAA, Central Region.

(H) The eddy current inspections required by this AD must be performed by personnel who have received training and are qualified in the operation of eddy current equipment. The replacement of critical



parts such as the spar caps and wing attachment fittings required by this AD must be performed by facilities properly equipped and certificated by the FAA to perform such repairs.

This amendment becomes effective November 17, 1970.

(Secs. 313(a), 601 and 603, Federal Aviation Act of 1958, 49 U.S.C. 1354(a), 1421 and 1423; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Kansas City, Mo., on November 5, 1970.

DANIEL E. BARROW,  
*Acting Director, Central Region.*

[F.R. Doc. 70-15363; Filed, Nov. 13, 1970; 8:49 a.m.]

[Airspace Docket No. 70-WA-40]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS**

**Alteration of Federal Airway Segment**

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to make a minor adjustment to the designated floors for the segment of VOR Federal airway No. 198 between Harvey, La., and the Theodore, Ala., Intersection.

V-198 segment is presently designated from Harvey with a 1,200-foot floor to 70 miles northeast of Harvey and 2,500 feet MSL from 70 miles northeast of Harvey to 102 miles northeast of Harvey, thence a 1,200-foot floor to Brookley, Ala.

Action is taken herein to redesignate V-198 segment floors from Harvey 1,200 feet to 69 miles northeast of Harvey, thence 2,500 feet MSL from 69 miles northeast of Harvey to 102 miles northeast of Harvey, thence 1,200 feet to Brookley. This adjustment to the airway floor will provide conformity with the designated mileage for the airway segment.

Since this amendment is minor in nature and no substantive change in the regulation is effected, notice and public procedure thereon are unnecessary. However, since it is necessary that sufficient time be allowed to permit appropriate changes to be made on aeronautical charts, this amendment will become effective more than 30 days after publication.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.123 (35 F.R. 2009, 11231) V-198 is amended by deleting "70 miles; 32 miles 25 MSL" and substituting "69 miles, 33 miles 25 MSL" therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Washington, D.C., on November 9, 1970.

H. B. HELSTROM,  
*Chief, Airspace and Air Traffic Rules Division.*

[F.R. Doc. 70-15369; Filed, Nov. 13, 1970; 8:49 a.m.]

[Airspace Docket No. 70-SO-64]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS**

**Alteration of Transition Area**

On September 30, 1970, a notice of proposed rule making was published in the FEDERAL REGISTER (35 F.R. 15229), stating that the Federal Aviation Administration was considering an amendment to Part 71 of the Federal Aviation Regulations that would alter the Nashville, Tenn., transition area.

Interested persons were afforded an opportunity to participate in the rule making through the submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.181 (35 F.R. 2134), the Nashville, Tenn., transition area (35 F.R. 4257 and 5913) is amended to read:

NASHVILLE, TENN.

That airspace extending upward from 700 feet above the surface within a 14-mile radius of Nashville Metropolitan Airport (lat. 36°07'36" N., long. 86°40'58" W.); within 9.5 miles east and 4.5 miles west of Nashville ILS localizer north course, extending from the 14-mile-radius area to 18.5 miles north of Nashville VORTAC 344° radial; within 9.5 miles northeast and 4.5 miles southwest of Nashville VORTAC 135° radial, extending from the 14-mile-radius area to 18.5 miles southeast of the VORTAC; within 9.5 miles east and 4.5 miles west of Nashville ILS localizer south course, extending from the 14-mile-radius area to 18.5 miles south of the LOM; within an 8-mile-radius of Gallatin Municipal Airport, Tenn. (lat. 36°22'45" N., long. 86°24'30" W.); within an 8.5-mile radius of Smyrna Airport, Tenn. (lat. 36°00'27" N., long. 86°31'21" W.).

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on November 5, 1970.

GORDON A. WILLIAMS, JR.,  
*Acting Director, Southern Region.*

[F.R. Doc. 70-15371; Filed, Nov. 13, 1970; 8:50 a.m.]

[Airspace Docket No. 70-SO-73]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS**

**Alteration of Transition Area**

On October 17, 1960, F.R. Doc. 70-14016 was published in the FEDERAL REGISTER (35 F.R. 16315), amending Part 71 of the Federal Aviation Regulations by altering the Pascagoula, Miss., transition area.

In the amendment, FEDERAL REGISTER citation "(35 F.R. 3111)" was inadvertently omitted. It is necessary to amend the FEDERAL REGISTER document to include this citation. Since this amendment is editorial in nature, notice and public procedure hereon are unnecessary and action is taken herein to amend the FEDERAL REGISTER document accordingly.

In consideration of the foregoing, effective immediately, F.R. Doc. 70-14016 is amended as follows: In paragraph four, lines one and two " \* \* \* Pascagoula, Miss., transition area \* \* \* " is deleted and " \* \* \* Pascagoula, Miss., transition area (35 F.R. 3111) \* \* \* " is substituted therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on November 6, 1970.

GORDON A. WILLIAMS, JR.,  
*Acting Director, Southern Region.*

[F.R. Doc. 70-15372; Filed, Nov. 13, 1970; 8:50 a.m.]

[Airspace Docket No. 70-SO-74]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS**

**Alteration of Transition Area**

On October 6, 1970, a notice of proposed rule making was published in the FEDERAL REGISTER (35 F.R. 15648), stating that the Federal Aviation Administration was considering an amendment to Part 71 of the Federal Aviation Regulations that would alter the Jacksonville, N.C., transition area.

Interested persons were afforded an opportunity to participate in the rule making through the submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.181 (35 F.R. 2134), the Jacksonville, N.C., transition area (35 F.R. 6274) is amended to read:

JACKSONVILLE, N.C.

That airspace extending upward from 700 feet above the surface within an 8.5-mile radius of New River MCAS (lat. 34°42'25" N., long. 77°26'35" W.); within a 6.5-mile radius of Jacksonville-Onslow County Airport; excluding the portion within R-5306 B and C.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on November 4, 1970.

JAMES G. ROGERS,  
*Director, Southern Region.*

[F.R. Doc. 70-15373; Filed, Nov. 13, 1970; 8:50 a.m.]



[Airspace Docket No. 70-WE-81]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS****Alteration of VOR Federal Airway Segment**

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to alter VOR Federal airway No. 287 east alternate segment between Roseburg, Oreg., and Eugene, Oreg., so as to provide 15° angular separation at the Eugene VORTAC with VOR Federal airway No. 23 segment which is aligned direct between Eugene and Medford, Oreg. This minor realignment of V-287E will facilitate the movement of traffic into and from the Eugene terminal area.

Accordingly, action is taken herein to realign V-287E from Roseburg to Eugene via the intersection of Roseburg 003° T (343° M) and Eugene 187° T (167° M) radials.

Since this amendment is minor in nature and no substantive change in the regulation is effected, notice and public procedure thereon are unnecessary. However, since it is necessary that sufficient time be allowed to permit appropriate changes to be made on aeronautical charts, this amendment will become effective more than 30 days after publication.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.123 (35 F.R. 2009, 11682) V-287 is amended by deleting "via Roseburg, Oreg., Eugene, Oreg.," and substituting "via Roseburg, Oreg., INT Roseburg 003° and Eugene, Oreg., 187° radials, Eugene," therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Washington, D.C., on November 9, 1970.

H. B. HELSTROM,  
Chief, Airspace and Air  
Traffic Rules Division.

[P.R. Doc. 70-15375; Filed, Nov. 13, 1970;  
8:50 a.m.]

[Airspace Docket No. 70-SO-90]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS****Alteration of Control Zone**

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to alter the Atlanta, Ga. (Fulton County Airport), control zone.

The Atlanta (Fulton County Airport) control zone is described in § 71.171 (35 F.R. 2054 and 6492). In the description, reference is made to "Fulton County

RBN." Since the name of the Fulton County RBN will be changed to "Bankhead RBN," effective January 7, 1971, it is necessary to alter the description to reflect this change. Since this amendment is editorial in nature, notice and public procedure hereon are unnecessary and action is taken herein to alter the description accordingly.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.171 (35 F.R. 2054), the Atlanta, Ga. (Fulton County Airport), control zone (35 F.R. 6492) is amended as follows: " \* \* \* Fulton County RBN \* \* \*" is deleted and " \* \* \* Bankhead RBN \* \* \*" is substituted therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on November 4, 1970.

GORDON A. WILLIAMS, JR.,  
Acting Director, Southern Region.

[P.R. Doc. 70-15376; Filed, Nov. 13, 1970;  
8:50 a.m.]

[Airspace Docket No. 70-SO-92]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS****Alteration of Transition Area**

The purpose of this amendment to Part 71 of the Federal Aviation Regulations is to alter the Rome, Ga., transition area.

The Rome transition area is described in § 71.181 (35 F.R. 2134). In the description, reference is made to "Rome RBN." Since the name of the Rome RBN will be changed to "Floyd RBN," effective January 7, 1971, it is necessary to alter the description to reflect this change. Since this amendment is editorial in nature, notice and public procedure hereon are unnecessary and action is taken herein to amend the description accordingly.

In consideration of the foregoing, Part 71 of the Federal Aviation Regulations is amended, effective 0901 G.m.t., January 7, 1971, as hereinafter set forth.

In § 71.181 (35 F.R. 2134), the Rome, Ga., transition area is amended as follows: " \* \* \* Rome RBN \* \* \*" is deleted and " \* \* \* Floyd RBN \* \* \*" is substituted therefor.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348(a); sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in East Point, Ga., on November 4, 1970.

GORDON A. WILLIAMS, JR.,  
Acting Director, Southern Region.

[P.R. Doc. 70-15377; Filed, Nov. 13, 1970;  
8:50 a.m.]

[Airspace Docket No. 70-SO-78]

**PART 71—DESIGNATION OF FEDERAL AIRWAYS, AREA LOW ROUTES, CONTROLLED AIRSPACE, AND REPORTING POINTS****PART 73—SPECIAL USE AIRSPACE****Revocation of Restricted Area**

The purpose of these amendments to Parts 71 and 73 of the Federal Aviation Regulations is to revoke Restricted Area R-3001 at Dawsonville, Ga. This revocation is made at the request of the Department of the Air Force.

Since these amendments restore airspace to the public use and relieve a restriction, notice and public procedure thereon are unnecessary, and good cause exists for making these amendments effective on less than 30 days notice.

In consideration of the foregoing, Parts 71 and 73 of the Federal Aviation Regulations are amended, effective upon publication in the FEDERAL REGISTER, as hereinafter set forth.

1. In § 71.181 (35 F.R. 2134 and 10505) the Georgia transition area is amended by deleting the phrase "R-3001 and".

2. In § 73.30 (35 F.R. 2325) Restricted Area R-3001 is revoked.

(Sec. 307(a), Federal Aviation Act of 1958, 49 U.S.C. 1348; sec. 6(c), Department of Transportation Act, 49 U.S.C. 1655(c))

Issued in Washington, D.C., on November 6, 1970.

H. B. HELSTROM,  
Chief, Airspace and Air  
Traffic Rules Division.

[P.R. Doc. 70-15374; Filed, Nov. 13, 1970;  
8:50 a.m.]

**Title 15—COMMERCE AND FOREIGN TRADE****Chapter III—Bureau of International Commerce, Department of Commerce****SUBCHAPTER B—EXPORT REGULATIONS**

[13th Gen. Rev. of the Export Regs.  
(Amdt. 10)]

**PART 377—SHORT SUPPLY CONTROLS****Miscellaneous Amendments**

Part 377 of the Code of Federal Regulations is amended as set forth below.

(Sec. 3, 63 Stat. 7; 50 U.S.C. App. 2023; E.O. 10945, 26 F.R. 4487, 3 CFR 1959-1963 Comp.; E.O. 11638, 27 F.R. 7003, 3 CFR 1959-1963 Comp.)

Effective date: November 23, 1970.

RAUER H. MEYER,  
Director, Office of Export Control.

Section 377.1 is revised and a new Supplement No. 2 to Part 377 is established to read as set forth below.



§ 377.1 General provisions.

(a) *Requirements of Act.* The Export Administration Act requires the control of commodities to the extent necessary to protect the domestic economy from the excessive drain of scarce materials and to reduce the serious inflationary impact of abnormal foreign demand. This requirement of the Act is implemented chiefly by the procedures set forth below.

(b) *Commodities subject to short supply quota controls.* Commodities currently under short supply quota controls are listed in Supplement No. 1 to this Part 377. Generally, exporters' shares of any quantitative quota established will be allocated in accordance with the Past Participation in Exports method described in § 377.2.

(c) *Commodities requiring monitoring of exports—(1) Content and submission of report.* Commodities not currently under short supply quota controls but requiring monitoring of exports, are listed in Supplement No. 2 to this Part 377. Each exporter of these commodities shall submit a weekly report on Form IA-1094, Report of Exports,<sup>1</sup> in original and one copy, on the first business day of each week. This report shall show for the previous calendar week the total quantity exported (in units of short tons), the country of destination, and the Customs District from which the export was made. In addition, the sulfur content of high-volatile metallurgical or coking coal (Schedule B No. 321.4020), and bituminous coal to be used for steam generating purposes (Schedule B No. 321.4020) shall be shown in the commodity description space of Form IA-1094. The report shall be submitted to the Office of Export Control (Attention: 862), U.S. Department of Commerce, Washington, D.C. 20230.

(2) *Date of export.* For purposes of this § 377.1(c) only, an export shall be construed as having been made on the date the exporting carrier is expected to depart from the United States and shall be included in the export report for the calendar week covering the expected departure date. An export reported on a previously submitted Form IA-1094, Report of Exports, shall not be corrected nor shall it be included in a subsequent report in the event of a carrier's earlier or delayed departure.

Supplement No. 2—Commodities Subject to Weekly Reporting Requirement

Schedule B No.	Commodity description
282.0010	No. 1 Heavy melting steel scrap, except stainless.
282.0020	No. 2 Heavy melting steel scrap, except stainless.
282.0030	No. 1 Bundles steel scrap, except stainless.
282.0040	No. 2 Bundles steel scrap, except stainless.

<sup>1</sup> Form IA-1094 may be obtained from all U.S. Department of Commerce Field Offices (see list on page 1 under Field Office Addresses) and from the Office of Export Control, U.S. Department of Commerce, Washington, D.C. 20230.

Schedule B No.	Commodity description
282.0050	Borings, shovelinings, and turnings, iron or steel, except stainless.
282.0065	Shredded steel scrap.
282.0078	Other steel scrap, including tin-plated and terne-plated scrap.
282.0080	Iron Scrap, except borings, shovelinings, and turnings.
282.0090	Rerolling material of iron or steel.
321.4020	Low-volatile coking coal (22 percent or less and more than 14 percent volatile matter).
321.4020	Medium-volatile coking coal (31 percent or less and more than 22 percent volatile matter).
321.4020	High-volatile metallurgical or coking coal (more than 31 percent volatile matter).
321.4030	Bituminous coal to be used for steam generating purposes.
321.8000	Coke of coal, lignite, or peat.

[P.R. Doc. 70-15302; Filed, Nov. 13, 1970; 8:45 a.m.]

Title 17—COMMODITY AND SECURITIES EXCHANGES

Chapter II—Securities and Exchange Commission

[Release No. 34-9004]

PART 240—GENERAL RULES AND REGULATIONS, SECURITIES EXCHANGE ACT OF 1934

Quarterly Reporting Form

The Securities and Exchange Commission has adopted a new Form 10-Q (17 CFR 249.308a) for quarterly reports under the Securities Exchange Act of 1934 to replace Form 9-K (17 CFR 249.309) which has been rescinded. Reports on Form 10-Q are to be filed within 45 days after the end of each of the first three fiscal quarters of each fiscal year by issuers which file annual reports on Form 10-K (17 CFR 249.310), 12-K (17 CFR 249.312), or USS (17 CFR 249.450). No report on this form is required for the fourth fiscal quarter.

The summarized financial information required by Form 10-Q need not be certified but is to be prepared in accordance with generally accepted accounting principles and practices on a consistent basis. The form requires profit and loss information in more detail than was required by Form 9-K and includes data on earnings per common share. In addition, information is required in regard to the registrant's capitalization and stockholders' equity.

The first quarterly report of an issuer which has registered securities under section 12 of the Act or under the Securities Act of 1933 must be filed for the first fiscal quarter (other than a fourth quarter) which ends after the securities have become so registered. However, issuers which have been reporting on Form 9-K will file their first report on the new Form 10-Q for their first fiscal quarter (other than a fourth quarter) which ends after December 31, 1970.

Reports on Form 10-Q are not deemed to be "filed" for the purpose of the lia-

bility provisions of section 18 of the Act, but are subject to all other provisions of the Act.

On September 15, 1969, the Commission published in Securities Exchange Act Release 8683 (34 F.R. 14239) notice that it had under consideration a proposed new Form 10-Q for quarterly reports under sections 13 and 15(d) of the Act. The proposed form would have superseded Forms 8-K (17 CFR 249.308) and 9-K and both of those forms would have been rescinded. The proposed Form 10-Q would have required the reporting on a quarterly basis of certain specified events similar to those required to be reported on Form 8-K. The form would also have required the prompt reporting of any significant acquisitions of assets or businesses including financial statements of businesses acquired, and summarized financial information for each of the first three quarters of the fiscal year, similar to the semiannual information required by Form 9-K.

After further consideration of the matter, including a careful consideration of the comments received, the Commission has determined not to rescind Form 8-K at the present time and to adopt as Form 10-Q only that portion of the proposed form which relates to the quarterly reporting of summarized financial information. The Commission has made this determination because Form 8-K requires the reporting of important events on a more timely basis than would the proposed Form 10-Q. The Commission is giving further consideration to the matter of more timely reporting of important corporate events than is required by the present Form 8-K.

In view of the foregoing action, Rules 13a-11 (17 CFR 240.13a-11) and 15d-11 (17 CFR 240.15d-11), relating to reports on Form 8-K have not been revised as proposed in Securities Exchange Act Release 8680 (34 F.R. 14236), published September 15, 1969, but Rules 13a-13 (17 CFR 240.13a-13) and 15d-13 (17 CFR 240.15d-13) have been revised to apply to the new Form 10-Q instead of the rescinded Form 9-K.

*Commission action.* Sections 240.13a-13 and 240.15d-3 of Chapter II of Title 17 of the Code of Federal Regulations are hereby amended to read as follows:

§ 240.13a-13 Quarterly reports on Form 10-Q (§ 249.308a of this chapter).

(a) Except as provided in paragraph (b) of this section, every issuer which has securities registered pursuant to section 12 of the Act and which is required to file annual reports pursuant to section 13 of the Act on Form 10-K (§ 249.310 of this chapter), 12-K (§ 249.312 of this chapter) or USS (§ 249.450 of this chapter) shall file a quarterly report on Form 10-Q (§ 249.308a of this chapter), within the period specified in General Instruction A to that form, for each of the first three fiscal quarters of each fiscal year of the issuer, commencing with the first such fiscal quarter which ends after securities of the issuer become so registered.

(b) Quarterly reports on Form 10-Q need not be filed by the following issuers:



(1) Investment companies required to file quarterly reports pursuant to § 240.13a-12;

(2) Real estate companies required to file quarterly reports pursuant to § 240.13a-15;

(3) Foreign private issuers required to file reports pursuant to § 240.13a-16;

(4) Life insurance companies and holding companies having only life insurance subsidiaries; or

(5) Companies in the promotional or development stage to which paragraph (b) or (c) of § 210.5a-01 of this chapter is applicable.

(c) Public utilities, common carriers, and pipeline carriers which submit financial reports to the Civil Aeronautics Board, the Federal Communications Commission, the Federal Power Commission or the Interstate Commerce Commission may, at their option, in lieu of furnishing the information called for by Form 10-Q, file as exhibits to reports on this form copies of their reports submitted to such Board or Commission for the preceding fiscal quarter or for each month of such quarter, as the case may be, together with copies of their quarterly reports, if any, for such periods sent to their stockholders.

(d) Notwithstanding the foregoing provisions of this section, reports on Form 10-Q, or reports submitted in lieu thereof pursuant to paragraph (c) of this section, shall not be deemed to be "filed" for the purpose of section 18 of the Act or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act.

**§ 240.15d-13 Quarterly reports on Form 10-Q (§ 249.308a of this chapter).**

(a) Except as provided in paragraph (b) of this section, every issuer which has securities registered pursuant to the Securities Act of 1933 and which is required to file annual reports pursuant to section 15(d) of the Securities Exchange Act of 1934 on Form 10-K (§ 249.310 of this chapter), 12-K (§ 249.312 of this chapter) or U5S (§ 249.450 of this chapter) shall file a quarterly report on Form 10-Q (§ 249.308a of this chapter), within the period specified in General Instruction A to that form, for each of the first three fiscal quarters of each fiscal year of the issuer, commencing with the first such fiscal quarter which ends after securities of the issuer become so registered.

(b) Quarterly reports on Form 10-Q need not be filed by the following issuers:

(1) Investment companies required to file quarterly reports pursuant to § 240.15d-12;

(2) Real estate companies required to file quarterly reports pursuant to § 240.15d-15;

(3) Foreign private issuers required to file reports pursuant to § 240.15d-16;

(4) Life insurance companies and holding companies having only life insurance subsidiaries; or

(5) Companies in the promotional or development stage to which paragraph (b) or (c) of § 210.5a-01 of this chapter is applicable.

(c) Public utilities, common carriers and pipeline carriers which submit financial reports to the Civil Aeronautics Board, the Federal Communications Commission, the Federal Power Commission or the Interstate Commerce Commission may, at their option, in lieu of furnishing the information called for by Form 10-Q, file as exhibits to reports on this form copies of their reports submitted to such Board or Commission for the preceding fiscal quarter or for each month of such quarter, as the case may be, together with copies of their quarterly reports, if any, for such periods sent to their stockholders.

(d) Notwithstanding the foregoing provisions of this section, reports on Form 10-Q or reports submitted in lieu thereof pursuant to paragraph (c) of this section, shall not be deemed to be "filed" for the purpose of section 18 of the Act or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act.

Copies of Form 10-Q have been filed as part of this document with the Office of Federal Register and may be obtained from the Securities and Exchange Commission, Washington, D.C. 20549.

The foregoing action, which was taken pursuant to the authority contained in sections 13, 15(d), and 23(a) of Securities Exchange Act of 1934; shall be effective with respect to each fiscal quarter (other than an issuer's fourth fiscal quarter) which ends after the date securities of such issuer become registered pursuant to section 12 of the Act or pursuant to the Securities Act of 1933, or after December 31, 1970, whichever date is later.

(Secs. 13, 15(d), 23(a), 48 Stat. 894, 895, 901; sec. 3, 8, 49 Stat. 1377, 1379; sec. 4, 6, 78 Stat. 569, 570; 15 U.S.C. 78m, 78o(d), 78w (a))

By the Commission, October 28, 1970.

[SEAL] ORVAL L. DuBOIS,  
Secretary.

[F.R. Doc. 70-15341; Filed, Nov. 13, 1970; 8:47 a.m.]

[Release No. 34-9005]

**PART 240—GENERAL RULES AND REGULATIONS, SECURITIES EXCHANGE ACT OF 1934**

**Quarterly Reporting Form for Certain Real Estate Companies**

The Securities and Exchange Commission has adopted a new Form 7-Q (17 CFR 249.307a) for quarterly reports under the Securities Exchange Act of 1934 to replace Form 7-K (17 CFR 249.307) which has been rescinded. Reports on Form 7-Q are to be filed within 45 days after the end of each of the three fiscal quarters of each fiscal year by certain real estate companies. No report on this form is required for the fourth fiscal quarter.

Generally speaking, the form is to be used by companies a substantial portion of whose business consists of acquiring

real estate or interests in real estate for investment and which as a matter of policy or practice make cash distributions to security holders from sources other than retained earnings, i.e., so-called "cash flow" companies, which have heretofore been required to file reports on Form 7-K. The form requires summarized financial information which need not be certified but is to be prepared in accordance with generally accepted accounting principles and practices on a consistent basis.

The first quarterly report of an issuer which has registered securities under section 12 of the Act or under the Securities Act of 1933 must be filed for the first fiscal quarter (other than a fourth quarter) which ends after the securities have become so registered. However, issuers which have been reporting on Form 7-K will file their first report on the new Form 7-Q for their first fiscal quarter (other than a fourth quarter) which ends after December 31, 1970.

Reports on Form 7-Q are not deemed to be "filed" for the purpose of the liability provisions of section 18 of the Act, but are subject to all other provisions of the Act.

On September 15, 1969, the Commission published in Securities Exchange Act Release 8684 (34 F.R. 14240) notice that it had under consideration a proposed new Form 7-Q for quarterly reports under sections 13 and 15(d) of the Act. The proposed form would have superseded Forms 7-K and 8-K (17 CFR 249.308) and both of those forms would have been rescinded. The proposed Form 7-Q would have required the reporting on a quarterly basis of certain specified events similar to those required to be reported on Form 8-K. The form would also have required the prompt reporting of any significant acquisitions of assets or businesses including financial statements of businesses acquired, and summarized financial information for each of the first three quarters of the fiscal year, similar to that required by Form 7-K.

After further consideration of the matter, including a careful consideration of the comments received, the Commission has determined not to rescind Form 8-K at the present time and to adopt as Form 7-Q only that portion of the proposed form which related to the quarterly reporting of summarized financial information. The Commission has made this determination because Form 8-K requires the reporting of important events on a more timely basis than would the proposed Form 7-Q. The Commission is giving further consideration to the matter of more timely reporting of important corporate events than is required by the present Form 8-K.

In view of the foregoing action, Rules 13a-11 (17 CFR 240.13a-11) and 15(d)-11 (17 CFR 240.15d-11), relating to reports on Form 8-K, have not been revised as proposed in Securities Exchange Act Release 8680 (34 F.R. 14236), published September 15, 1969, but Rules 13a-15 and 15d-15 have been amended to apply to the new Form 7-Q instead of the rescinded Form 7-K.



*Commission action.* Sections 240.13a-15 and 240.15d-15 of Chapter II of Title 17 of the Code of Federal Regulations are hereby amended to read as follows:

**§ 240.13a-15 Quarterly reports of certain real estate companies on Form 7-Q (§ 249.307a of this chapter).**

(a) Except as provided in paragraph (b) of this section, every issuer which has securities registered pursuant to section 12 of the Act and a substantial portion of whose business is that of acquiring and holding for investment real estate or interests in real estate, or interests in other issuers a substantial portion of whose business is that of acquiring and holding real estate or interests in real estate for investment, and which as a matter of policy or practice makes cash distributions from any source other than current or retained earnings, shall file a report on Form 7-Q (§ 249.307a of this chapter), within the period specified in General Instruction A to that form, for each of the first 3 fiscal quarters of each fiscal year of the issuer, commencing with the first such fiscal quarter which ends after securities of the issuer become so registered.

(b) No report need be filed pursuant to this section with respect to an investment company required to file quarterly reports pursuant to § 240.13a-12, any foreign private issuer required to file reports pursuant to § 240.13a-16, or any partnership all of whose properties are under long term net lease to other persons.

**§ 240.15d-15 Quarterly reports of certain real estate companies on Form 7-Q (§ 249.307a of this chapter).**

(a) Except as provided in paragraph (b) of this section, every issuer which is subject to section 15(d) of the Act and a substantial portion of whose business is that of acquiring and holding for investment real estate or interests in real estate, or interests in other issuers a substantial portion of whose business is that of acquiring and holding real estate or interests in real estate for investment, and which as a matter of policy or practice makes cash distributions from any source other than current or retained earnings, shall file a report on Form 7-Q (§ 249.307a of this chapter) within the period specified in General Instruction A to that form for each of the first three fiscal quarters of each fiscal year of the issuer, commencing with the first such fiscal quarter which ends after securities of the issuer become so registered.

(b) No report need be filed pursuant to this section with respect to any investment company required to file quarterly reports pursuant to § 240.15d-12, any foreign private issuer required to file reports pursuant to § 240.15d-16, or any partnership all of whose properties are under long term net lease to other persons.

Copies of Form 7-Q have been filed as part of this document with the Office of Federal Register and may be obtained from the Securities and Exchange Commission, Washington, D.C. 20549.

The foregoing action, which was taken pursuant to the Securities Exchange Act

of 1934, particularly sections 13, 15(d) and 23(a) thereof, shall be effective with respect to each fiscal quarter (other than an issuer's fourth fiscal quarter) which ends after the date securities of such issuer become registered pursuant to section 12 of the Act or pursuant to the Securities Act of 1933, or after December 31, 1970, whichever date is later.

(Secs. 13, 15(d), 23(a), 48 Stat. 894, 895, 901; secs. 3, 8, 49 Stat. 1377, 1379; secs. 4, 6, 78 Stat. 569, 570; 15 U.S.C. 78m, 78o(d), 78w(a))

By the Commission, November 2, 1970.

[SEAL] ORVAL L. DuBois,  
Secretary.

[P.R. Doc. 70-15342; Filed, Nov. 13, 1970; 8:47 a.m.]

**Title 21—FOOD AND DRUGS**

**Chapter I—Food and Drug Administration, Department of Health, Education, and Welfare**

**SUBCHAPTER C—DRUGS**

**PART 141—TESTS AND METHODS OF ASSAY OF ANTIBIOTIC AND ANTI-BIOTIC-CONTAINING DRUGS**

**PART 141c—CHLORTETRACYCLINE (OR TETRACYCLINE) AND CHLORTETRACYCLINE- (OR TETRACYCLINE-) CONTAINING DRUGS; TESTS AND METHODS OF ASSAY**

**PART 145—ANTIBIOTIC DRUGS; DEFINITIONS AND INTERPRETATIVE REGULATIONS**

**PART 146c—CERTIFICATION OF CHLORTETRACYCLINE (OR TETRACYCLINE) AND CHLORTETRACYCLINE- (OR TETRACYCLINE-) CONTAINING DRUGS**

**PART 147—ANTIBIOTICS INTENDED FOR USE IN THE LABORATORY DIAGNOSIS OF DISEASE**

**PART 148m—OLEANDOMYCIN**

**Name Change for Demethylchlortetracycline and Triacetyloleandomycin**

Pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357) and under authority delegated to the Commissioner of Food and Drugs (21 CFR 2.120), the antibiotic drug regulations are amended as follows to change the subject drug names as indicated for consistency with The National Formulary XIII:

A. The term "demethylchlortetracycline" is changed to "demeclocycline" in the following places in Parts 141, 141c, 145, 146c, and 147:

1. In § 141.5(b), twice.
2. In § 141.111(a) and (b).
3. In § 141c.251: Section heading and paragraph (a) (1) (ii) and (iv).
4. In § 141c.252: Section heading.
5. In § 141c.253: Section heading and paragraph (g), twice.

6. In § 141c.254: Section heading.
  7. In § 141c.255: Section heading, twice, and paragraph (a).
  8. In § 141c.258: Section heading.
  9. In § 141c.259: Section heading and paragraph (a), twice.
  10. In § 141c.263: Section heading and paragraph (a) (1).
  11. In § 141c.266: Section heading and paragraph (a), twice.
  12. In § 141c.271: Section heading and paragraph (a) (1), twice.
  13. In § 145.2(a) (33), twice.
  14. In § 145.3(a) (5), four times, and (b) (7), three times.
  15. In § 145.4(b) (4), four times.
  16. In § 146c.251: Section heading, introductory text of paragraph (a), paragraph (a) (5), introductory text of paragraph (c), paragraph (c) (2), and paragraph (d) (3).
  17. In § 146c.252: Section heading, paragraphs (a), five times, and (d) (1), (2) (ii), and (3) (ii).
  18. In § 146c.253: Section heading, introductory text of paragraph (a), paragraph (a) (5), and paragraph (b), twice.
  19. In § 146c.254: Section heading and paragraphs (a), five times, and (d) (1), (2) (ii), and (3) (ii).
  20. In § 146c.255: Section heading, twice, and paragraphs (a), five times, and (d) (1), (2) (ii), and (3) (ii).
  21. In § 146c.258: Section heading, section introductory text, and paragraph (a), three times.
  22. In § 146c.259: Section heading and section introductory text, twice.
  23. In § 146c.263: Section heading, section introductory text, twice, and paragraph (a), twice.
  24. In § 146c.266: Section heading and section text, four times.
  25. In § 146c.271: Section heading, section introductory text, twice, and paragraphs (a) and (d).
  26. In § 147.1(c) (3) and (d).
  27. In § 147.2(a) (8).
- B. The term "triacyloleandomycin" is changed to "troleandomycin" in the following places in Parts 141, 141c, 145, 146c, and 148m:
1. In § 141.5(b).
  2. In § 141.110(a) and (b).
  3. In § 141.111(a) and (b).
  4. In § 141c.231: Section heading, twice, paragraph (a) (2) (ii), the heading of paragraph (d), and also in paragraph (d), subparagraphs (1) (ii) (b) and (5) (ii).
  5. In § 141c.240: Section heading, three times, and paragraph (b), twice.
  6. In § 141c.243: Section heading and paragraph (a) (2), twice.
  7. In § 141c.245: Section heading.
  8. In § 145.2(a) (20), twice.
  9. In § 145.3: Paragraphs (a) (29), four times, and (b) (24), three times.
  10. In § 145.4(b) (23), three times.
  11. In § 146c.231: Section heading, twice, introductory text of paragraph (a), twice, and paragraph (a) (1), three times, and (4), twice.
  12. In § 146c.240: Section heading, three times, introductory text of paragraph (a), and paragraph (a) (1), twice, and (5), twice.
  13. In § 146c.243: Section heading and section introductory text, twice.



14. In § 146c.245: Section heading, section introductory text, twice, and paragraph (a).

15. In § 148m.2: Section heading, introductory text of paragraph (a) (1), paragraphs (a) (1) (i), (iv), (b) (1) (i) (b), (ii) (b), twice, (c), (e), twice, (f), (iii) (c), twice, (d), (f), (2), (4), and (7) (ii).

16. In § 148m.4: Section heading, twice, paragraphs (a) (1), six times, (3) (i) (a), (ii) (a), and (b) (1), twice.

17. In § 148m.5: Section heading, paragraphs (a) (1), four times, (3) (i) (a), (ii) (a), and (b) (1), twice.

18. In § 148m.6: Section heading, paragraphs (a) (1), four times, (3) (i) (a), (ii) (a), and (b) (1), twice.

19. In § 148m.7: Section heading, twice, paragraphs (a) (1), five times, (3) (i) (a), (ii) (a), and (b) (1), twice.

20. In § 148m.8: Section heading, paragraphs (a) (1), five times, (3) (i) (a), (ii) (a), and (b) (1), twice.

21. In § 148m.9: Section heading, paragraphs (a) (1), three times, (3) (i) (a), (ii) (a), and (b) (1).

Since this order merely effects drug name changes for consistency with official compendia, notice and public procedure and delayed effective date are not prerequisites to this promulgation.

**Effective date.** This order shall be effective upon publication in the FEDERAL REGISTER.

(Sec. 507, 59 Stat. 463, as amended; 21 U.S.C. 357)

Dated: November 2, 1970.

H. E. SIMMONS,  
Director, Bureau of Drugs.

[F.R. Doc. 70-15328; Filed, Nov. 13, 1970;  
8:45 a.m.]

#### SUBCHAPTER D—HAZARDOUS SUBSTANCES

### PART 191—HAZARDOUS SUBSTANCES: DEFINITIONS AND PROCEDURAL AND INTERPRETATIVE REGULATIONS

#### Difluorodichloromethane and Flammable Wire Materials in Model Kits; Exemption From Classification as Banned Hazardous Substances

No comments were received in response to the notice published in the FEDERAL REGISTER of August 18, 1970 (35 F.R. 13138), proposing that the articles described below be exempted from classification as "banned hazardous substances" as defined by section 2(q)(1) (A) of the Federal Hazardous Substances Act.

The Commissioner of Food and Drugs concludes that the proposed exemption will present no hazards, is consistent with the provisions of the act, and should therefore be adopted.

Accordingly, pursuant to provisions of the act (sec. 2(q)(1)(B)(i), 74 Stat. 374, 80 Stat. 1304; 50 U.S.C. 1261) and under authority delegated to the Commissioner (21 CFR 2.120), § 191.65(a) is amended by adding two new subparagraphs, as follows:

#### § 191.65 Exemptions from classification as banned hazardous substances.

(a) \* \* \*

(12) Kits intended for construction of model rockets and jet propelled model airplanes requiring the use of difluorodichloromethane as a propellant, provided the outer carton bears on the main panel in conspicuous type size the statement "WARNING—Carefully read instructions and cautions before use."

(13) Flammable wire materials intended for electro-mechanical actuation and release devices for model kits described in subparagraph (12) of this paragraph, provided each wire does not exceed 15 milligrams in weight.

**Effective date.** This order shall become effective 30 days from the date of its publication in the FEDERAL REGISTER.

(Sec. 2(q)(1)(B)(i), 74 Stat. 374, 80 Stat. 1304; 50 U.S.C. 1261)

Dated: November 4, 1970.

SAM D. FINE,  
Associate Commissioner  
for Compliance.

[F.R. Doc. 70-15327; Filed, Nov. 13, 1970;  
8:45 a.m.]

## Title 32—NATIONAL DEFENSE

### Chapter I—Office of the Secretary of Defense

#### SUBCHAPTER B—PERSONNEL; MILITARY AND CIVILIAN

### PART 80—PERMANENT-RESIDENCE ALIENS SERVING IN ARMED FORCES OF UNITED STATES TO FULFILL NATURALIZATION REQUIREMENTS; SEPARATION OF

#### PART 80a—NATURALIZATION OF ALIENS WHO HAVE SERVED HONORABLY IN AN ACTIVE DUTY STATUS IN THE ARMED FORCES OF THE UNITED STATES DURING CERTAIN PERIODS OF HOSTILITIES

#### PART 90—NATURALIZATION OF ALIEN SPOUSES AND/OR ALIEN ADOPTED CHILDREN OF MILITARY AND CIVILIAN PERSONNEL ORDERED OVERSEAS

#### PART 94—NATURALIZATION OF ALIENS SERVING IN THE ARMED FORCES OF THE UNITED STATES AND OF ALIEN SPOUSES AND/OR ALIEN ADOPTED CHILDREN OF MILITARY AND CIVILIAN PERSONNEL ORDERED OVERSEAS

The Deputy Secretary of Defense approved the following on October 30, 1970:

- Sec.  
94.1 Purpose.  
94.2 Applicability.  
94.3 Definitions.  
94.4 Policy and procedures.  
94.5 Forms required.

**AUTHORITY:** The provisions of this Part 94 issued under sec. 301, 80 Stat. 379; U.S.C. 301.

#### § 94.1 Purpose.

This part prescribes uniform procedures acceptable to the Immigration and Naturalization Service of the Department of Justice, to (a) facilitate the naturalization of aliens who have served honorably in the Armed Forces of the United States and to (b) militarily certify alien dependents seeking naturalization under the provisions of Immigration and Nationality Act of 1952, as amended, sections 319(b) and 323(c) (8 U.S.C. 1430(b) and 1434(c)); and furnishes policy guidance to the Secretaries of the Military Departments governing discharge or release from active duty in the Armed Forces of the United States of permanent-residence aliens who desire to be naturalized as U.S. citizens under the provisions of Act of June 27, 1952, section 328 (66 Stat. 249); 8 U.S.C. 1439.

#### § 94.2 Applicability.

The provisions of this part apply to the Military Departments.

#### § 94.3 Definitions.

(a) "Permanent-residence alien" is an alien admitted into the United States under an immigration visa for permanent residence; or an alien, who, after admission without an immigrant visa, has had his status adjusted to that of an alien lawfully admitted for permanent residence.

(b) "Armed Forces of the United States" denotes collectively all components of the Army, Navy, Air Force, Marine Corps, and Coast Guard.

#### § 94.4 Policy and procedures.

(a) *Naturalization of an alien who has served honorably in the Armed Forces of the United States at any time.* (1) Under the provisions of Act of June 27, 1952, section 328 (66 Stat. 249); 8 U.S.C. 1439, an alien who has served in the Armed Forces of the United States for a period(s) totaling three (3) years may be naturalized if he:

(i) Has been lawfully admitted to the United States for permanent residence;

(ii) Was separated from the military service under honorable conditions;

(iii) Files a petition while still in the military service, or within six (6) months after the termination of such service; and

(iv) Can comply in all other respects with the Immigration and Nationality Act of 1952, except that (a) no period of residence or specified period of physical presence in the United States or the State in which the petition for naturalization is filed is required, and (b) residence within the jurisdiction of the court is not required.

(2) The prescribed 3-year period may be satisfied by a combination of active duty and inactive duty in a reserve status.

(3) An alien member desiring to fulfill naturalization requirements through military service shall not be separated prior to completion of three (3) full years of active duty unless:

(i) His performance or conduct does not justify retention, in which case he



shall be separated in accordance with the provisions of Part 41 of this subchapter and chapter 47, title 10, United States Code (Uniform Code of Military Justice), as appropriate; or

(ii) He is to be transferred to inactive duty in a reserve component in order to

(a) Complete a reserve obligation under the provisions of Part 50 of this subchapter, or

(b) Attend a recognized institution of learning under the early release program, as provided in DOD Instruction 1332.15, "Early Release of Military Enlisted Personnel for College or Vocational/Technical School Enrollment," January 26, 1970.<sup>1</sup>

(4) Caution shall be exercised to ensure that an alien's affiliation with the Armed Forces of the United States, whether on active duty or on inactive duty in a reserve status, is not terminated even for a few days short of the 3-year statutory period, since failure to comply with the exact 3-year requirement of Act of June 27, 1952, section 328 (66 Stat. 249); 8 U.S.C. 1439 will automatically preclude a favorable determination by the Immigration and Naturalization Service on any petition for naturalization based on an alien's military service.

(5) During a period of hostilities, as designated by the President of the United States, the expeditious naturalization provisions outlined in paragraph (b) of this section, will take precedence over the foregoing.

(b) *Naturalization of an alien who has served in the Armed Forces of the United States during a period of hostilities as designated by the President of the United States.* (1) Under the provisions of Immigration and Nationality Act of 1952, as amended, section 329 (8 U.S.C. 1440), an alien who serves honorably on active duty in the Armed Forces of the United States during the period beginning February 28, 1961, and ending on a date designated by the President, by Executive order, as the date of termination of the Vietnam hostilities, or during any future period which President, by Executive order, shall designate as a period in which the Armed Forces of the United States are or were engaged in military operations involving armed conflict with a hostile foreign force, and who is otherwise eligible, may be naturalized whether or not he has been lawfully admitted to the United States for permanent residence, if the member was inducted, enlisted, or reenlisted in the United States (inclusive of Puerto Rico, Guam, Virgin Islands, Canal Zone, American Samoa, or Swains Island).

(1) The induction, enlistment, or reenlistment in the United States or its stated possessions must actually be in these land areas, in ports, harbors, bays, enclosed sea areas along their routes, or within a marginal belt of the sea extend-

ing from the coastline outward three (3) geographical miles.

(ii) Enlistment or reenlistment aboard a ship on the high seas or in foreign waters does not meet the requirements of Immigration and Nationality Act of 1952, as amended, section 329 (8 U.S.C. 1440). In such instances, the provisions of paragraph (a) of this section may apply.

(2) Each Military Department will establish procedures containing the provisions outlined in subdivisions (i) and (ii) of this subparagraph. In addition, each qualifying alien shall be advised of the liberalized naturalization provisions of the Immigration and Nationality Act of 1952, as amended, section 329 (8 U.S.C. 1440), i.e., that the usual naturalization requirements concerning age, residence, physical presence, court jurisdiction and waiting periods are not applicable, and will be given appropriate assistance in processing his naturalization application in consonance with procedures contained in "Naturalization Requirements and General Information," published by the U.S. Department of Justice (Form N-17).

(1) Military basic training and orientation programs will include advice and assistance to interested aliens in completing and submitting the application and other forms required to initiate naturalization proceedings.

(ii) In addition, applicants should be advised that:

(a) Under the laws of certain foreign countries, military service in the Armed Forces of the United States may result in the loss of their native country citizenship but this same service may make them eligible for U.S. citizenship.

(b) Their eligibility for naturalization, based upon the honorable service in an active duty status prescribed in the Immigration and Nationality Act of 1952, as amended, section 329 (8 U.S.C. 1440) will be retained, even though they apply for naturalization after their return to the United States following the termination or completion of their overseas assignment, or after their honorable discharge from the Armed Forces of the United States.

(c) If they are stationed at a base in the continental United States, Alaska, Hawaii, Puerto Rico, Guam, or the Virgin Islands, they should apply for citizenship only if they expect to be stationed at the base for at least 60 days following application. Unless the Immigration and Naturalization Service has at least 60 days in which to complete the case, there is no assurance that it can be completed before the applicant is transferred, since the processing procedures outlined below take time and are not entirely within the control of the Immigration and Naturalization Service.

(1) Every naturalization application must be processed when received by the Immigration and Naturalization Service. Special arrangements have been made to expedite the processing of petitions of alien members of the Armed Forces.

(2) After processing, the alien applicant and two citizen witnesses must per-

sonally appear for examination by an officer of the Immigration and Naturalization Service in connection with the filing of a petition for naturalization in court.

(3) Finally, the applicant must appear in person before the naturalization court on a date set by the court so that he may be admitted to citizenship.

(d) If the alien member is scheduled for overseas assignment where naturalization courts are not available, he should apply for naturalization on the earliest possible date but no later than 60 days before departure for overseas assignment. No assurance that processing will be completed before the applicant's departure for overseas will be given by the Immigration and Naturalization Service unless it has 60 days to complete the matter.

(f) An alien serviceman who is serving overseas and has submitted or submits the required naturalization application and forms to the Immigration and Naturalization Service may not be granted ordinary leave, or Rest and Recuperation (R&R) leave (where authorized in overseas areas) for naturalization purposes, unless a written notification from the Immigration and Naturalization Service has been received by the serviceman informing him that the processing of his application has been completed, and requesting him to appear with two U.S. citizen witnesses before a representative of the Immigration and Naturalization Service at a designated location for the purpose of completing the naturalization.

(2) If possible, an applicant granted leave for such purposes should advise the Immigration and Naturalization Service when he expects to arrive in the leave area and, in any event, should contact the Immigration and Naturalization Service office immediately upon arrival in the area. Every effort will be made to complete the naturalization within the leave period.

(c) *Naturalization of alien spouses and/or alien adopted children of military and civilian personnel ordered overseas.* Alien spouses and/or alien adopted children of military and civilian personnel of the Department of Defense who are authorized to accompany or join their sponsors overseas and who wish to obtain U.S. citizenship prior to departure will be given maximum assistance by commanders of military installations.

(1) DD Form 1278, "Certificate of Overseas Assignment to Support Application to File Petition for Naturalization,"<sup>2</sup> will be issued to alien dependents by military commanders at the times indicated below in order that the alien may file such certificate with the nearest Immigration and Naturalization Service Office to initiate naturalization proceedings. Only DD Form 1278 will be accepted by the Immigration and Naturalization Service. Military commanders will not issue memoranda or letters of any kind in lieu thereof.

<sup>2</sup>Filed as part of original. Copies may be obtained from Departments of the Army, Navy, and Air Force.

<sup>1</sup> Filed as part of original. Copies available from the U.S. Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, Pa. 19120, Attention: Code 300.



(i) When dependents are authorized automatic concurrent travel, DD Form 1278 will be issued not earlier than 90 days prior to the dependents' schedule date of travel.

(ii) When advance application for concurrent travel is required, DD Form 1278 will be issued after approval is received and not earlier than 90 days prior to the dependents' scheduled date of departure.

(iii) When concurrent travel is not authorized, DD Form 1278 will be issued after authorization for dependents' movement is received and not earlier than 90 days prior to the dependents' scheduled date of travel.

(2) Upon receipt of DD Form 1278, the alien will file this form, together with the application for petition for naturalization, Immigration and Naturalization Form N-400 (adult) or N-402 (child) as appropriate, if not previously filed, with the nearest office of the Immigration and Naturalization Service. The application must be accompanied by:

- (i) Three identical photographs.
- (ii) Form FD-358, Applicant Fingerprint Card, and
- (iii) Form G-325, Biographic Information.

(3) Further processing of the application for citizenship is as prescribed by the Immigration and Naturalization Service.

(4) Upon completion of the naturalization process, immediate application for passport should be made, in order that it can be issued prior to scheduled departure of the dependent for overseas.

#### § 94.5 Forms required.

The following forms required for naturalization purposes may be obtained from any office of the Immigration and Naturalization Service:

- (a) N-400 Application to File a Petition for Naturalization (Adult) (Submit original form only).
- (b) N-402 Application to File a Petition for Naturalization (Child) (Submit original form only).
- (c) G-325 Biographic Information (Submit original and duplicate of multi-leaf form).
- (d) G-325B Biographic Information (Submit original form only).
- (e) FD-258 Applicant Fingerprint Card (Submit one completed card).
- (f) N-426 Certificate of Military or Naval Service (Submit in triplicate). (Should be handled on a priority basis so as to avoid prejudicing the early completion of the naturalization process, particularly for an alien who may receive an overseas assignment.)
- (g) "Naturalization Requirements and General Information," published by the U.S. Department of Justice (Form N-17) describes the naturalization requirements and lists Immigration and Naturalization offices which process applications.

*Supersessions.* Parts 80, 80a, and 90 are hereby superseded.

MAURICE W. ROCHE,  
Director, Correspondence and  
Directives Division, OASD  
(Administration).

[F.R. Doc. 70-15334; Filed, Nov. 13, 1970;  
8:46 a.m.]

### Chapter VII—Department of the Air Force

#### SUBCHAPTER C—PUBLIC RELATIONS

### PART 821—MISSION AND FUNCTIONS OF THE USAF AIR DEMONSTRATION SQUADRON, "THUNDERBIRDS"

Part 821 of Title 32 of the Code of Federal Regulations is revised to read as follows:

Sec.	
821.1	Purpose.
821.2	Organization of the squadron.
821.3	Squadron mission.
821.4	Definition.
821.5	Rules governing demonstration.
821.6	When and how to submit requests for demonstrations.

**AUTHORITY:** The provisions of this Part 821 issued under sec. 8012, 70A Stat. 488; 10 U.S.C. 8012.

#### § 821.1 Purpose.

This part states the mission, functions, and operations policy of the USAF Air Demonstration Squadron, "Thunderbirds," and tells how to request Thunderbird demonstrations.

#### § 821.2 Organization of the squadron.

The USAF Air Demonstration Squadron, "Thunderbirds," is established as the official Air Force tactical precision flying demonstration team.

#### § 821.3 Squadron mission.

The USAF Air Demonstration Squadron plans and presents precision aerial maneuvers to exhibit air power and the flexibilities of modern tactical aircraft, as well as the high degree of professional skills required to operate high performance aircraft. Objectives are:

- (a) To portray some of the capabilities of air power on military or public occasions.
- (b) To stimulate favorable international attitudes and actions toward realizing U.S. national objectives.
- (c) To further the Air Force recruiting programs by motivating the youth of America.
- (d) To further aerospace power education by conducting an active public information program through direct contact with the public and all available information media.

#### § 821.4 Definition.

As used in this part, a "demonstration" is precision aerial performance, flown by a team of skilled pilots, in assigned mission aircraft, in the subsonic speed range, before a given audience. Each demonstration is narrated by a

qualified squadron member. If possible, after the demonstration, a ground display of appropriate aircraft and equipment is made available to the audience. The pilots participating in the demonstrations are also available for discussions.

#### § 821.5 Rules governing demonstration.

All Thunderbird demonstrations will be performed as follows:

(a) Aerial maneuvers will be flown within the capability of the assigned mission aircraft at the discretion of the squadron commander and as authorized by the Commander, TAC.

(b) Aerial maneuvers of an acrobatic nature are not authorized:

(1) Over congested areas of cities, towns, settlements, or designated spectator areas. This does not prohibit normal flight of aircraft conducted in accordance with FAA regulations. Positioning turns and maneuvers made away from the designated spectator area(s) following passes in front of such area(s), in order to permit aircraft to return over the field, are not considered acrobatic maneuvers.

(2) Closer than 1,500 feet horizontal distance from the designated spectator area. Normal takeoffs and landings are not considered part of the demonstration; however, no takeoff or landing will be made toward or over the designated spectator area.

(3) Unless the demonstration is conducted in a direction which most nearly parallels the boundaries of the designated spectator area.

(4) At airfields not closed to other traffic during the performance.

(5) Unless all aircraft operate at subsonic speeds.

(c) Aerial maneuvers of an acrobatic nature conducted outside the United States will be conducted according to the rules and regulations of the host country.

(d) Minimums to be adhered to for aerial demonstrations are:

(1) Weather minimums: Minimum ceiling and visibility will be determined by the appropriate FAA representative as outlined in FAA handbook OAP-7711.1A (obtained from the local FAA representative). Weather minimums for aerial demonstrations conducted outside the U.S. jurisdiction will be determined by the Thunderbird commander. In no case will the ceiling be less than the peak altitude of the highest vertical maneuver to be performed or 2,500 feet, whichever is higher, and a visibility of 5 miles.

(2) The minimum altitude above terrain will be as stated in the detailed description for the maneuver as contained in USAFTFWCM 60-2 (obtained from USAFTFWC, Nellis AFB, Nev. 89110).

(e) All aerial demonstrations in the United States require a written agreement, with appropriate FAA representative, clearly specifying air speeds, altitudes, route of flight maneuvers, etc., to be used. No aerial demonstration, excluding practice in approved restricted areas



or in designated areas near Nellis AFB, will be conducted without this definitive written agreement.

**§ 821.6 When and how to submit requests for demonstrations.**

(a) Requests for Thunderbird demonstrations are addressed to Hq USAF (SA FOIC), Washington, D.C. 20330. For planning purposes, major commands must submit annual requirements for the Thunderbirds to SAFOIC not later than November 15 for the coming year's events. All requests are considered during the planning conference in December. Every attempt is made to schedule Thunderbird demonstrations by geographical areas. Requests for Thunderbird demonstrations, other than those submitted in November, are honored when possible.

(b) Orientation or indoctrination flights by the Thunderbirds normally are not authorized. Exceptions will be made by Chief of Staff, USAF, and only in rare cases. Requests for exception should be submitted through channels to SAFOIC not later than 15 days before the proposed flight.

By order of the Secretary of the Air Force.

ALEXANDER J. PALENSCAR, JR.,  
Colonel, U.S. Air Force, Chief,  
Special Activities Group, Office of The Judge Advocate General.

[F.R. Doc. 70-15330; Filed, Nov. 13, 1970; 8:46 a.m.]

SUBCHAPTER D—CLAIMS AND LITIGATION

**PART 846—SUPPORT OF DEPENDENTS**

Part 846 is revised to read as follows:

Sec.	
846.0	Purpose.
846.2	Who is a dependent.
846.4	Member's responsibility.
846.6	Enforcement of the responsibility for support.
846.8	Processing complaints.
846.10	Function of the Staff Judge Advocate.

**AUTHORITY:** The provisions of this Part 846 issued under sec. 8012, 70A Stat. 488, 10 U.S.C. 8012, except as otherwise noted.

**SOURCE:** AFR 35-26, dated June 5, 1970.

**§ 846.0 Purpose.**

This part establishes the standards regarding the Air Force military members responsibility for the support of their dependents; defines generally who is a dependent and establishes the measure of support expected. The policies in this part apply to obligations arising directly from marital, parental, or filial relationships as distinguished from obligations arising from the sale of goods, extension of credit, and other like obligations covered by Part 818 of this chapter.

**§ 846.2 Who is a dependent.**

The following classes of persons are dependents for purposes of this part:

- (a) Spouse.
- (b) Former spouse (only where alimony or other award is made by a civil

court of a State, territory, or possession of the United States, or the District of Columbia.

(c) Children (including natural, adopted, or any other child to whom the member stands in loco parentis).

(d) Parents (only where an obligation exists by statute or contract).

**§ 846.4 Member's responsibility.**

The obligations which follow can be diminished or relieved where, in good faith, the member asserts a reasonable legal defense or where the obligation has been diminished or relieved by order or decree of a civil court of a State, territory, or possession of the United States, or the District of Columbia.

(a) *For spouse and children.* Each Air Force member is expected to provide support in an amount, or of a kind, bearing a reasonable relation to the needs of the spouse and children and the ability of the member to provide.

(b) *For former spouse.* Each Air Force member is expected to comply with the order or decree of a civil court of a State, territory, or possession of the United States, or the District of Columbia requiring the payment of alimony, or other like maintenance, but not to exceed an amount which bears a reasonable relation to the needs of the former spouse and the ability of the member to provide it. Members are expected to fully comply with any division of property arising from the termination of the husband/wife relation.

(c) *For parents.* Each Air Force member is expected to provide support to his parent(s) to the extent required by the statute or contract from which the obligation arose provided such support bears a reasonable relation to the needs of the parent(s) and the ability of the member to provide.

**§ 846.6 Enforcement of the responsibility for support.**

The Air Force has no authority to order a member to support his dependents, except for the administratively established Class Q allotment authorized in the DOD Military Pay and Allowances Entitlements Manual, chapter 2, part 6. However, failure of a member to comply with the policy in § 846.4 becomes a proper subject of command consideration for disciplinary or administrative action.

**§ 846.8 Processing complaints.**

All complaints will be given a prompt and thorough inquiry to ascertain the facts of the problem. The member concerned will be advised of Air Force policy as expressed in § 846.4. The immediate commander will respond to the complainant. The reply will include a statement of the Air Force policy applicable to the situation and a statement of the position taken by the member.

(a) *Reassigned members.* Forward complaints concerning reassigned members to the new unit of assignment and advise the complainant of the referral.

(b) *Discharged with no known military status and those retired.* Advise the complainant of the former member's

status (discharged or retired), that the Air Force has no jurisdiction over him in situations of this nature and provide the last known mailing address.

(c) *Reserve personnel not on extended active duty.* Forward such complaints to ARPC, 3800 York Street, Denver, Colo. 80205, and advise the complainant of the referral. If the member is a Mobilization Augmentee, ARPC forwards the complaint to his commander for inquiry, counseling, and reply. ARPC handles other complaints by direct contact with the member in the same manner as active duty members.

**§ 846.10 Function of the Staff Judge Advocate.**

Generally, commanders and members faced with problems or potential problems respecting dependent support are encouraged to seek the advice of the Staff Judge Advocate. The Staff Judge Advocate will coordinate on responses to all high-level and congressional inquiries.

By order of the Secretary of the Air Force.

ALEXANDER J. PALENSCAR, JR.,  
Colonel, U.S. Air Force, Chief,  
Special Activities Group, Office of The Judge Advocate General.

[F.R. Doc. 70-15331; Filed, Nov. 13, 1970; 8:46 a.m.]

SUBCHAPTER F—AIRCRAFT

**PART 861—AIR FORCE AERO CLUBS**

Part 861 is revised to read as follows:

Sec.	
861.0	Purpose of Aero clubs.
861.2	Categories of membership.
861.4	Membership privileges.
861.6	Obtaining commercial insurance.
861.8	Flight training under "G.I. Bill".

**AUTHORITY:** The provisions of this Part 861 issued under sec. 8012, 70A Stat. 488; 10 U.S.C. 8012.

**SOURCE:** AFR 215-2, Feb. 15, 1970.

**§ 861.0 Purpose of Aero clubs.**

(a) Aero clubs are established as recreational activities to promote positive morale. As such, they are operated without discrimination regarding race, color, creed, sex, or national origin. They are established to give eligible personnel an opportunity to enjoy safe, low cost, light aircraft operations; to develop skills in aeronautics; and to develop an awareness and appreciation of aviation requirements and techniques.

(b) The commander may also use an aero club in support of the USAF Survival, Recovery, and Reconstitution Plan (USAF SRR PLAN), provided such use is authorized by the club's constitution and bylaws.

**§ 861.2 Categories of membership.**

There are four categories of membership. In these categories, the term "children" refers to any unmarried legitimate child, adopted child, or stepchild, who has not passed his 21st birthday, or his 23d birthday if he is enrolled in a full-time course in an institution of higher



learning approved by the Secretary of Health, Education, and Welfare.

(a) *Active*. Limited to active duty military personnel of the U.S. Armed Forces.

(b) *Associate*. May be extended on a space available basis to:

(1) The dependents, spouse, and children of an active duty military member.

(2) A retired military member, dependents, spouse, and children.

(3) A civilian DOD employee, dependents, spouse, and children. (This includes employees paid from nonappropriated funds.)

(4) An Air Force, Army, or Naval Academy Cadet.

(5) A military member of a foreign government who is on duty with the DOD.

(6) A member elected to the U.S. Congress or a statutory appointee of the Federal Government with the approval of Hq USAF (AFPMSBS).

(7) A Federal Government employee working on a military installation.

(8) In an overseas location, any Federal Government employee in the area, or a U.S. citizen who is working on a military installation, if the local commander determines that club membership is in the best interest of the United States.

(9) The unremarried widow and children of a deceased active duty or retired member of the U.S. Armed Forces.

**NOTE:** A current associate member who no longer qualifies for membership under this new criteria may continue as a member until he terminates membership.

(c) *Introductory*. May be extended to an individual who is eligible for active or associate membership. The length of the introductory membership will not exceed 60 days and is not renewable within 2 years.

(d) *Inactive*. May be granted to an active/associate member at the discretion of the Board of Governors under the conditions specified in the club bylaws.

#### § 861.4 Membership privileges.

Members in good standing are extended the following privileges:

(a) *Active and associate members*. Only an active or an associate member may pilot an aero club aircraft. (The base commander may authorize a specific one-time exception to permit a prospective buyer to fly a club-owned aircraft on a local flight with a club member, provided the buyer signs a covenant not to sue.) An aero club pilot may not carry any passengers in an aero club aircraft except the following:

(1) An FAA flight inspector, examiner, or examiner designee who is checking aircraft airworthiness, or is officially examining an aero club member.

(2) An FAA Airplane and Propulsion (A&P) mechanic whose presence in aircraft is necessary to sign off maintenance performed on the aircraft.

(3) An active, associate, or introductory member of an Air Force aero club.

(4) Dependents, spouse, children, mother, father, brothers, or sisters of an aero club member, if the sponsor is also aboard.

(5) Active duty military personnel and civilian DOD employees on official TDY, provided the pilot is a club member who is TDY to the same location.

(6) A full-time aero club employee on a flight specified by the Board of Governors.

(b) *Introductory members*. May ride as passengers on local flights only.

(c) *Inactive members*. Have no club privileges.

#### § 861.6 Obtaining commercial insurance.

A club member's aircraft is a privately owned aircraft and, unless the aircraft is exclusively leased to an aero club, insurance is the responsibility of the owner.

**NOTE:** Part 855 of this chapter applies if owner desires permission to operate aircraft from an Air Force base.

(a) *Optional commercial insurance*. This applies to hull insurance on club-leased aircraft (Groups IV and V); club-owned aircraft (Group II) valued at less than \$1,500; and Government-loaned aircraft (Group III). If commercial hull insurance is acquired on Government-loaned aircraft, the insurance policy must contain the clauses required by AFR 176-8 (Protection of Assets) Attachment 3, December 30, 1964, and an endorsement which provides that the carrier waives its right to the salvage value of the insured aircraft.

(b) *Commercial insurance not authorized*. (1) Hull insurance on club-owned aircraft value at \$1,500 or more (Group I).

(2) Except as required by a host country, and as approved by Hq USAF (AFDPW), Washington, D.C. 20330, public liability (including passenger liability) and property damage insurance coverage for any Air Force aero club-operated Group I, II, III, IV, or V aircraft reported on "Status of Aero Club Aircraft and Operations" RCS: HAF-A44. (See AFR 176-8 for mandatory Air Force Welfare Board Self-Insurance Programs for Liability and Hull Insurance.)

#### § 861.8 Flight training under "G.I. Bill".

To insure that the opportunity to receive advance flying training is available to club members during their free time, an aero club may conduct flight training under the Veterans' Pension and Readjustment Act of 1967 (G.I. Bill), provided the base commander and the major commander grant approval and exercise positive guidance and control. The base commander will establish controls to insure that:

(a) The club obtains approval from the FAA and the Veterans Administration to conduct this formal training program. If the club needs a State license to operate the school, it will ask USAFMPC (AFPMSBS), Randolph AFB, Tex. 78148, for approval to obtain the license.

(b) The base education office handles administration and enrollment of active duty club members.

(c) "G.I. Bill" flight training does not take precedence over flying opportunities available to other club members.

By order of the Secretary of the Air Force.

ALEXANDER J. PALENSCAR, JR.,  
Colonel, U.S. Air Force, Chief,  
Special Activities Group,  
Office of The Judge Advocate  
General.

[P.R. Doc. 70-15332; Filed, Nov. 13, 1970;  
8:46 a.m.]

### SUBCHAPTER J—CIVILIAN PERSONNEL PART 890—EMPLOYMENT POLICIES

Part 890 of Title 32 of the Code of Federal Regulations is revised to read as follows:

Sec.	
890.1	Purpose.
890.2	Policy.
890.3	Competitive and excepted services.
890.4	Restrictions on employing non-Air Force candidates.
890.5	Qualification requirements.
890.6	Suitability and security factors.
890.7	Releasing employees.

**AUTHORITY:** The provisions of this Part 890 issued under sec. 8012, 70A Stat. 488; 10 U.S.C. 8012.

#### § 890.1 Purpose.

This part contains information needed by commanders, civilian personnel offices, staff offices, and supervisors of civilian personnel in filling positions paid from appropriated funds. It does not apply to the employment of local civilians in the Canal Zone.

#### § 890.2 Policy.

Civilian positions are filled on the principles of merit and qualifications, without regard to race, religion, sex, color, national origin, physical handicap, marital status, age, political affiliation, or membership in any lawful group. While a supervisor may specify that a particular position requires male or female, he must clearly justify the restriction, and his reasons are subject to review.

#### § 890.3 Competitive and excepted services.

(a) Most civilian positions in the Air Force are in the competitive Civil Service. Usually, an employee acquires "career-conditional" status after he passes an open competitive examination and is subject to the satisfactory completion of a 1-year probationary period. After 3 years of substantially continuous service, he achieves "career" status.

(b) The excepted services covers certain positions exempted from the competitive service by Civil Service Commission rules and regulations. A person appointed to a position in the excepted service under Schedule A, B, or C, does not acquire competitive status. Schedule C positions are permitted only in the Office of the Secretary of the Air Force.



**§ 890.4 Restrictions on employing non-Air Force candidates.**

Except for mandatory placements, the civilian personnel office normally screens and refers a sufficient number of highly qualified candidates to the supervisor to afford him an adequate choice. If highly qualified promotion candidates from within the area of consideration are available, filling the position with a non-Air Force candidate is permissible only when the selecting supervisor provides written justification to the civilian personnel office. An outside candidate may not be selected unless a comparative evaluation of his qualifications or potential with those of promotion candidates fully substantiates his selection. This restriction does not apply if the outside candidate is:

(a) Entitled to priority placement under AFM 40-1 (Air Force Civilian Personnel Manual), section 3831.

(b) Selected under a DOD career program, the Career Executive Assignment System, or from the Federal Entrance Examination register as provided in AFM 40-1, section 3351.

(c) Selected for a civilian personnel officer position under special requirements established by the Civil Service Commission.

**§ 890.5 Qualification requirements.**

The CSC establishes qualification requirements and guidelines for all positions in the competitive and excepted service. Qualification requirements are: The minimum experience, training, education, and physical standards essential to the satisfactory performance of the position involved. The Commission must approve any modification of the requirements.

**§ 890.6 Suitability and security factors.**

(a) Candidates for civilian positions must be reliable, of good conduct and character, and completely loyal to the United States.

(b) The Central Civilian Personnel Office (CCPO) makes written and oral preselection inquiries of former employers, fellow workers and other knowledgeable sources to evaluate a candidate's qualifications and suitability. It also insures that the candidate has the required security check before the final selection is made.

(c) The selecting supervisor must also appraise the candidate's general suitability before making a commitment or selection.

**§ 890.7 Releasing employees.**

An employee will not be restricted from accepting a position offer from another Air Force activity or Federal agency nor from accepting a promotion within an activity. Accordingly, the supervisor will release an employee promptly to another position—normally, within 20 calendar days after he receives notice of the employee's selection. He may, however, request an extension of 10 days to train a replacement if the delay does not

jeopardize the employee's transfer or promotion.

By order of the Secretary of the Air Force.

ALEXANDER J. PALENSCAR, JR.,  
Colonel, U.S. Air Force, Chief,  
Special Activities Group, Office  
of The Judge Advocate  
General.

[F.R. Doc. 70-15333; Filed, Nov. 13, 1970;  
8:46 a.m.]

**SUBCHAPTER W—AIR FORCE PROCUREMENT  
PART 1001—GENERAL PROVISIONS  
Procurement Support in Urgency Areas  
or Situations**

Part 1001 of Subchapter W of Title 32 of the Code of Federal Regulations is amended as follows:

A new § 1001.455 is added to Subpart D of this part to read as follows:

**§ 1001.455 Procurement support in urgency areas or situations.**

Areas or situations of a military operational nature develop from time to time which require rapid procurement response to insure timely logistic support. Hq USAF (AFSPP) will designate such areas or situations as they arise. Commands may utilize this section to implement expedited procedures that are within the authority of the Commands. Authorities may be added to this section by Hq USAF. Judicious use will be made of these authorities to insure that urgent requirements are satisfied without degrading good management or business practices. The procedures and authorities of this section will apply only to procurements in support of that area or situation.

(10 U.S.C. Ch. 137, 10 U.S.C. 8012)

By order of the Secretary of the Air Force.

ALEXANDER J. PALENSCAR, JR.,  
Colonel, U.S. Air Force, Chief,  
Special Activities Group, Office  
of The Judge Advocate  
General.

[F.R. Doc. 70-15329; Filed, Nov. 13, 1970;  
8:46 a.m.]

**Title 24—HOUSING AND  
HOUSING CREDIT**

**Chapter II—Federal Housing Administration, Department of Housing and Urban Development**

**SUBCHAPTER B—HOUSING RENOVATION AND MOBILE HOME FINANCING**

**PART 201—PROPERTY IMPROVEMENT AND MOBILE HOME LOANS**

**Subpart B—Mobile Home Loans**

**STRUCTURAL DESIGN AND STANDARDS**

In § 201.520 paragraph (c) is amended to provide an alternative method for de-

termining the minimum size of eligible mobile homes, as follows:

**§ 201.520 Structural design and standards.**

(c) *Minimum size.* The mobile home shall be at least 40 feet long and 10 feet wide, or shall consist of a module or modules having minimum floor space area of at least 400 square feet.

(Sec. 2, 48 Stat. 1246; 12 U.S.C. 1703)

Issued at Washington, D.C., November 9, 1970.

EUGENE A. GULLEDGE,  
Federal Housing Commissioner.

[F.R. Doc. 70-15347; Filed, Nov. 13, 1970;  
8:47 a.m.]

**Title 42—PUBLIC HEALTH**

**Chapter I—Public Health Service, Department of Health, Education, and Welfare**

**SUBCHAPTER G—PREVENTION, CONTROL, AND ABATEMENT OF AIR POLLUTION**

**PART 81—AIR QUALITY CONTROL REGIONS, CRITERIA, AND CONTROL TECHNIQUES**

**Androscoggin Valley Interstate Air Quality Control Region**

On August 22, 1970, notice of proposed rule making was published in the FEDERAL REGISTER (35 F.R. 13459) to amend Part 81 by designating the Androscoggin Valley Interstate Air Quality Control Region.

Interested persons were afforded an opportunity to participate in the rule making through the submission of comments, and a consultation with appropriate State and local authorities pursuant to section 107(a) of the Clean Air Act (42 U.S.C. 1857c-2(a)) was held on September 11, 1970. Due consideration has been given to all relevant material presented.

In consideration of the foregoing and in accordance with the statement in the notice of proposed rule making, § 81.90, as set forth below, designating the Androscoggin Valley Interstate Air Quality Control Region, is adopted effective on publication.

**§ 81.90 Androscoggin Valley Interstate Air Quality Control Region.**

The Androscoggin Valley Interstate Air-Quality Control Region (Maine-New Hampshire) consists of the territorial area encompassed by the boundaries of the following jurisdictions or described area (including the territorial area of all municipalities (as defined in section 302 (f) of the Clean Air Act, 42 U.S.C. 1857h (f)) geographically located within the outermost boundaries of the area so delimited):



## In the State of Maine:

## Androscoggin County.

## In the county of Franklin:

Avon Town.	Phillips Town.
Carthage Town.	Salem Township.
Chesterfield Town.	Strong Town.
Farmington Town.	Temple Town.
Freeman Township.	Township No. 6.
Industry Town.	Washington Town-
Jay Town.	ship.
New Sharon Town.	Weld Town.
New Vineyard Town.	Wilton Town.
Perkins Township.	

## In the county of Oxford:

Albany Township.	Mason Township.
Andover Town.	Mexico Town.
Andover North Sur-	Milton Township.
plus.	Newry Town.
Andover West Sur-	Norway Town.
plus.	Oxford Town.
Batchelders Grant.	Paris Town.
Bethel Town.	Peru Town.
Buckfield Town.	Riley Township.
Byron Town.	Roxbury Town.
Canton Town.	Rumford Town.
Dixfield Town.	Stoneham Town.
Gilead Town.	Stow Town.
Grafton Township.	Sumner Town.
Greenwood Town.	Sweden Town.
Hanover Town.	Waterford Town.
Hartford Town.	West Paris Town.
Hebron Town.	Woodstock Town.
Lovell Town.	

## In the State of New Hampshire:

## Coos County.

(Secs. 107(a), 301(a), 81 Stat. 490, 504; 42 U.S.C. 1857c-2(a), 1857g(a))

Dated: October 9, 1970.

ROBERT PERMAN,  
Acting Commissioner, National  
Air Pollution Control Admin-  
istration.

Approved: October 29, 1970.

ELLIOT L. RICHARDSON,  
Secretary.

[F.R. Doc. 70-15381; Filed, Nov. 13, 1970;  
8:50 a.m.]

## Title 43—PUBLIC LANDS: INTERIOR

### Chapter II—Bureau of Land Manage- ment, Department of the Interior

#### APPENDIX—PUBLIC LAND ORDERS

[Public Land Order 4937]

[Utah 7146]

#### UTAH

#### Withdrawal for Post Office Site

By virtue of the authority vested in the President and pursuant to Executive Order No. 10355 of May 26, 1952 (17 F.R. 4831), it is ordered as follows:

Subject to valid existing rights, the following described public lands, which are under the jurisdiction of the Secretary of the Interior, are hereby withdrawn from all forms of appropriation under the public land laws, including the mining laws (30 U.S.C., Ch. 2), and from filing of applications and offers under the mineral leasing laws, for use as a post office building site:

## SALT LAKE MERIDIAN

T. 1 S., R. 1 E.,  
Parcel No. 5 of Tract "D"

The area described aggregates 2 acres  
in Salt Lake County.

HARRISON LOESCH,  
Assistant Secretary of the Interior.

NOVEMBER 9, 1970.

[F.R. Doc. 70-15276; Filed, Nov. 13, 1970;  
8:45 a.m.]

[Public Land Order 4938]

[Wyoming 21461]

#### WYOMING

### Partial Revocation of Executive Order No. 5327 and Public Land Order No. 4522

By virtue of the authority vested in the President by section 1 of the Act of June 25, 1910, 36 Stat. 847, 43 U.S.C. sec. 141, and pursuant to Executive Order No. 10355 of May 26, 1952 (17 F.R. 4831), it is ordered as follows:

1. Executive Order No. 5327 of April 15, 1930, and Public Land Order No. 4522 of September 13, 1968, withdrawing oil shale deposits and lands containing such deposits, are hereby revoked so far as they affect the following described lands except for the oil shale deposits therein:

## SIXTH PRINCIPAL MERIDIAN

T. 18 N., R. 107 W.,  
Sec. 26, lots 9 to 16, inclusive.

The areas described aggregate 284.72 acres in Sweetwater County.

2. The lands are hereby classified for sale under the Act of September 19, 1964, 78 Stat. 938, 43 U.S.C. secs. 1421-1427, subject to the regulations in 43 CFR Part 2720. However, the lands will not be sold unless and until local authorities have enacted zoning legislation sufficient to meet the requirements of the law and applicable regulations.

HARRISON LOESCH,  
Assistant Secretary of the Interior.

NOVEMBER 9, 1970.

[F.R. Doc. 70-15348; Filed, Nov. 13, 1970;  
8:47 a.m.]

## Title 45—PUBLIC WELFARE

### Chapter II—Social and Rehabilitation Service (Assistance Programs), De- partment of Health, Education, and Welfare

#### PART 205—GENERAL ADMINISTRATION—PUBLIC ASSISTANCE PRO- GRAMS

#### Availability of Agency Program Manuals

Notice of proposed regulations for the programs administered under titles I, IV-A, IV-B, X, XIV, XVI, and XIX of the

Social Security Act with respect to the availability of agency program manuals was published in the FEDERAL REGISTER on June 19, 1970 (35 F.R. 10113). After consideration of the views presented by interested persons, certain changes have been made and the proposed regulations, as changed, are hereby adopted:

1. Paragraph (b) of § 205.70 has been changed to require that copies of the policy material be made available upon request to additional custodians based on their interest, function, and accessibility to the welfare public they serve.

2. Paragraph (c) of § 205.70 now specifies that the material to be provided for use and review is policy material.

Chapter II of Title 45 of the Code of Federal Regulations is amended by adding a new § 205.70 as set forth below.

#### § 205.70 Availability of agency program manuals.

*State plan requirements.* A State plan under title I, IV-A, IV-B, X, XIV, XVI, or XIX of the Social Security Act must provide that:

(a) Program manuals and other policy issuances which affect the public, including the State agency's rules and regulations governing eligibility, need and amount of assistance, recipient rights and responsibilities, and services offered by the agency, will be maintained in the State office and in each local and district office for examination or regular workdays during regular office hours by individuals, upon request for review, study, or reproduction by the individual.

(b) (1) A current copy of such material will be made available without charge for access by the public through custodians who (i) request the material for this purpose, (ii) are centrally located and publicly accessible to a substantial number of the recipient population they serve, and (iii) agree to accept responsibility for filing all amendments and changes forwarded by the agency.

(2) Under this requirement the material, if requested, must be made available without charge to public or university libraries, the local or district offices of the Bureau of Indian Affairs, and welfare or legal services offices or organizations. The material may also be made available, with or without charge, to other groups and to individuals. Wide availability of agency policy materials is recommended.

(c) Upon request, the agency will reproduce without charge the specific policy materials necessary for an applicant or recipient, or his representative, to determine whether a fair hearing should be requested or to prepare for a fair hearing; and will establish policies for reproducing policy materials without charge, or at a charge related to cost, for any individual who requests such material for other purposes.

(Sec. 1102, 49 Stat. 647, 42 U.S.C. 1302)

*Effective date.* These regulations, as amended, shall become effective 75 days



from the date of their publication in the FEDERAL REGISTER.

Dated: October 20, 1970.

JOHN D. TWINAME,  
Administrator, Social and  
Rehabilitation Service.

Approved: November 9, 1970.

ELLIOT L. RICHARDSON,  
Secretary.

[F.R. Doc. 70-15378; Filed, Nov. 13, 1970;  
8:50 a.m.]

## Title 47—TELECOMMUNICATION

### Chapter I—Federal Communications Commission

[FCC 70-1178]

#### NON-GOVERNMENT AND GOVERNMENT RADIOLOCATION SERVICES

*Order.* In the matter of amendment of Parts 2, 81, 83, 89, 91, and 93 of the Commission's rules to add frequency bands to the non-Government radiolocation service on a regular secondary basis to the Government radiolocation services.

1. The Office of Telecommunications Management (OTM), by letter dated November 17, 1969, informed the Commission that certain frequency bands now allocated nationally for the exclusive use of the Government radiolocation service, could be made available for shared use with the non-Government radiolocation service, if the Government operations could be assured of protection. In other words, primary status would be retained for the Government and secondary status would be afforded the non-Government radiolocation service. By definition, the non-Government user would be required to protect both existing and future Government operations from harmful interference. Further, the non-Government user would not be protected from harmful interfer-

ence resulting from Government radiolocation operations in those frequency bands. Seven Government radiolocation bands were made available for non-Government use by an order adopted on March 18, 1970.

2. The Office of Telecommunications Policy (formerly the OTM) has advised the Commission that it now appears that the bands 3100-3300 MHz, 3500-3700 MHz, and 9200-9300 MHz could also be made available for shared use with the non-Government radiolocation service on the same basis as the seven bands considered in the letter of November 17, 1969.

3. In Docket 18590, adopted on May 20, 1970, the Commission amended its rules to make the bands 3100-3600 MHz and 33.4-36 GHz available for survey operations using transmitters with a peak power into the antenna not to exceed 5 watts in the lower band or 20 watts in the upper band. By this order, the Commission is eliminating the power limitation on the 3100-3300 MHz, 3500-3600 MHz, and 33.4-36 GHz bands while maintaining the secondary status of the non-Government operations.

4. In making the bands 3100-3300 MHz and 9200-9300 MHz available on a secondary basis to the non-Government radiolocation service generally, the special provisions in footnote US45 in Part 2 and in § 91.604 for renewal of such authorizations which were valid on April 16, 1958 are no longer necessary and are being deleted.

5. The special provisions in footnotes US45 and US46 and in §§ 81.402 and 83.404 for renewal of non-Government radiolocation and shipborne radionavigation stations in the band 3100-3246 MHz which were valid on April 16, 1958, are no longer necessary and are being deleted as all such authorizations have expired.

6. Since the sharing arrangement suggested by OTM has been used successfully for many years in other bands allocated to the radiolocation service, there

is every reason to assume that it would work equally well in the above-mentioned bands. The Commission is not aware of current desires in the non-Government sector to use any of these bands but it is reasonable to assume that the availability of these bands will generate demands for service therein. Accordingly, it is appropriate to amend the rules to incorporate the bands in question and to specify the conditions applicable to their use.

7. Since the action taken herein would make available frequency bands which were not previously available and will have no adverse effect upon the general public, a notice of proposed rule making is unnecessary. Therefore, pursuant to authority provided by sections 4(i) and 303 of the Communications Act of 1934, as amended: *It is ordered*, That, effective December 16, 1970, the Commission's rules are amended as set forth below.

(Secs. 4, 303, 48 Stat., as amended, 1086, 1082; 47 U.S.C. 154, 303)

Adopted: November 4, 1970.

Released: November 9, 1970.

FEDERAL COMMUNICATIONS  
COMMISSION,<sup>1</sup>

[SEAL] BEN F. WAPLE,  
Secretary.

In Chapter I of Title 47 of the Code of Federal Regulations, Parts 2, 81, 83, 89, 91, and 93 are amended as follows:

#### PART 2—FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

##### § 2.106 [Amended]

1. In § 2.106 columns 5 through 11 of the table are revised for the frequency bands indicated; footnotes US45, US46, and US109 are deleted and footnotes US61, US108, and US110 are revised to read as follows:

<sup>1</sup> Commissioner Bartley absent.

Band (MHz)	Allocations	Band (MHz)	Service	Class of station	Frequency (MHz)	Nature OF SERVICES of stations.
5	6	7	8	9	10	11
3100-3300	G, NG (309) (US110)	3100-3300	RADIO- LOCATION.	Radiolocation land. Radiolocation mobile.		RADIOLOCATION.
3500-3700	G, NG (US110)	3500-3700	RADIO- LOCATION.	Radiolocation land. Radiolocation mobile.		RADIOLOCATION.
9200-9300	G, NG (US109)	9200-9300	RADIO- LOCATION.	Radiolocation land. Radiolocation mobile.		RADIOLOCATION.
Band (GHz)	Allocations	Band (GHz)	Service	Class of station	Frequency (GHz)	Nature OF SERVICES of stations.
5	6	7	8	9	10	11
33.4-36.0	G, NG (412D) (US109) (US110)	33.4-36.0	RADIO- LOCATION.	Radiolocation land. Radiolocation mobile.		RADIOLOCATION.



US61 Non-Government use of the band 3300-3500 MHz is limited to the amateur service and as indicated by US108.

US108 Within the bands 3300-3500 MHz and 10,000-10,500 MHz, survey operations, using transmitters with a peak power not to exceed five watts into the antenna, may be authorized for Government and non-Government use on a secondary basis to other Government radiolocation operations.

US110 In the frequency bands 3100-3300 MHz, 3500-3700 MHz, 5250-5350 MHz, 8500-9000 MHz, 9200-9300 MHz, 9500-10,000 MHz, 13.4-14.0 GHz, 15.7-17.7 GHz, 23.0-24.25 GHz, and 33.4-36.0 GHz, the non-Government radiolocation service shall be secondary to the Government radiolocation service and to airborne doppler radars at 8800 MHz.

**PART 81—STATIONS ON LAND IN MARITIME SERVICES**

2. Section 81.402(b) (2) is amended to read as follows:

**§ 81.402 Assignable frequencies.**

(b) \* \* \*

- (2)—
- 2900 to 3100 MHz.
- 5460 to 5650 MHz.
- 9300 to 9500 MHz.

The use of frequencies within these bands for radiolocation shall not cause harmful interference to the radionavigation service and to the Government radiolocation service.

**PART 83—STATIONS ON SHIPBOARD IN MARITIME SERVICES**

3. Section 83.404 is revised to read as follows:

**§ 83.404 Assignable frequencies above 2400 MHz.**

(a) The following frequency bands, when designated in the station license, are authorized for use by ship radiolocation stations (including ship radar stations):

- 2900 to 3100 MHz.
- 5460 to 5650 MHz.
- 9300 to 9500 MHz.
- 14.0 to 14.05 GHz.

The use of the band 5460 to 5650 MHz is limited to shipborne radar.

(b) The following frequency bands, when designated in the station license, are authorized for use by ship radiolocation stations:

(1) 2450 to 2500 MHz, on condition that harmful interference shall not be caused to the fixed and mobile services, and on the condition that no protection shall be given from interference caused by emission from industrial, scientific, or medical equipment;

(2)—

- 2900 to 3100 MHz.
- 5460 to 5650 MHz.
- 9300 to 9500 MHz.

The use of frequencies within these bands for radiolocation shall not cause

harmful interference to the radionavigation service and to the Government radiolocation service.

**PART 89—PUBLIC SAFETY RADIO SERVICES**

4. In § 89.101, the table in paragraph (h) is revised, and in paragraph (i), subparagraph (13) is amended and new subparagraph (18) is added to read as follows:

**§ 89.101 Frequencies.**

(h) \* \* \*

Frequency band—MHz	Class of station(s)	Limitations
952-960	Operational fixed	5, 6
1850-1990	do	6
2130-2150	do	6
2150-2160	do	6
2180-2200	do	6
2450-2500	Base, mobile, operational fixed and radiolocation	2, 4, 6
2500-2600	Operational fixed	8
2900-3100	Radiolocation	9, 10
3100-3300	do	16
3300-3500	do	13, 16
3500-3700	do	16
5250-5350	do	16
5350-5460	do	10, 14
5460-5470	do	10, 12
5470-5600	do	9, 10
5600-5650	do	10, 11
6525-6575	Base and mobile	6
6575-6875	Operational fixed	6
8400-8500	Base, mobile and operational fixed	1
8500-9000	Radiolocation	17
9000-9200	do	10, 14
9200-9300	do	16
9300-9500	do	10, 12, 15
9500-10,000	do	16
10,000-10,500	do	13, 16, 18
10,500-10,550	do	3, 6
10,550-10,680	Base and mobile	6
12,200-12,700	Operational fixed	6
13,200-13,250	Base, mobile and operational fixed	1
13,400-14,000	Radiolocation	16
15,700-17,700	do	16
17,700-19,300	Base, mobile and operational fixed	1
19,400-19,700	do	1
23,000-24,250	Radiolocation	16
27,525-31,300	Base, mobile and operational fixed	1
33,400-36,000	Radiolocation	16
33,600-36,000	Base, mobile and operational fixed	1

(i) \* \* \*

(13) In this band the radiolocation service is limited to survey operations using transmitters with a peak power not to exceed 5 watts into the antenna.

(18) In this band harmful interference shall not be caused to the amateur radio service. Pulsed emissions are prohibited.

**PART 91—INDUSTRIAL RADIO SERVICES**

5. In § 91.604, the table in paragraph (a) is revised, and in paragraph (b), subparagraphs (10) and (11) are amended to read as follows:

**§ 91.604 Frequencies available.**

(a) \* \* \*

Frequency or band	Class of station(s)	Limitations
<b>kHz</b>		
70-90	Radiolocation land or mobile	1
110-130	do	1
1605-1715	do	6, 9, 16
1715-1750	do	9, 16
1750-1800	do	9, 14, 16
3230-3400	do	13, 16
<b>MHz</b>		
230	do	2
250	do	2
310	do	2
3450-2200	do	3
2900-3100	do	4, 5
3100-3300	do	17
3300-3500	do	11, 17
3500-3700	do	17
5250-5350	do	17
5350-5460	do	4, 7
5460-5470	do	6, 5
5470-5600	do	6, 5
5600-5650	do	1, 4
8500-9000	do	18
9000-9200	do	4, 7
9200-9300	do	17
9300-9500	do	4, 8, 15
9500-10,000	do	17
10,000-10,500	do	10, 11, 17
10,500-10,550	do	12
13,400-14,000	do	17
15,700-17,700	do	17
23,000-24,250	do	17
33,400-36,000	do	17

(b) \* \* \*

(10) In this band harmful interference shall not be caused to the amateur radio service. Pulsed emissions are prohibited.

(11) In this band the radiolocation service is limited to survey operations using transmitters with a peak power not to exceed 5 watts into the antenna.

**PART 93—LAND TRANSPORTATION RADIO SERVICES**

6. In § 93.112, the table in paragraph (a) is revised, and in paragraph (b), subparagraph (11) is amended and new subparagraph (19) is added to read as follows:

**§ 93.112 Availability of microwave frequencies.**

(a) \* \* \*

Frequency band MHz	Class of station(s)	Limitations
952-960	Operational fixed	5, 6
1850-1990	do	6
2130-2150	do	6
2150-2160	do	13
2180-2200	do	6
2450-2500	Base, mobile, operational and fixed radiolocation	2, 4, 6, 7
2500-2600	Operational fixed	8, 14
2900-3100	Radiolocation	17
3100-3300	do	11, 17
3300-3500	do	17
3500-3700	do	17
5250-5350	do	8, 12
5350-5460	do	8, 10
5460-5470	do	8, 14
5470-5600	do	8, 9
5600-5650	do	6
6525-6575	Base and mobile	6
6575-6875	Operational fixed	6
8400-8500	Base, mobile and operational fixed	1
8500-9000	Radiolocation	18
9000-9200	do	8, 12
9200-9300	do	17
9300-9500	do	8, 10, 15
9500-10,000	do	17
10,000-10,500	do	11, 17, 19
10,500-10,550	do	3, 6, 7



Frequency band MHz	Class of station(s)	Limitations
10, 500-10, 680	Base and mobile	6
12, 200-12, 700	Operational fixed	6
13, 200-13, 250	Base, mobile and operational fixed	1
13, 400-14, 000	Radiolocation	17
15, 700-17, 700	do	17
17, 700-19, 300	Base, mobile and operational fixed	1
19, 400-19, 700	do	1
21, 000-24, 250	Radiolocation	17
27, 025-31, 300	Base, mobile and operational fixed	1
33, 000-36, 000	Radiolocation	17
38, 000-40, 000	Base, mobile and operational fixed	1

(b) \* \* \*

(11) In this band the radiolocation service is limited to survey operations using transmitters with a peak power not to exceed 5 watts into the antenna.

(19) In this band harmful interference shall not be caused to the amateur radio service. Pulsed emissions are prohibited.

[F.R. Doc. 70-15290; Filed, Nov. 13, 1970; 8:45 a.m.]

[FCC 70-1196]

**PART 73—RADIO BROADCAST SERVICES**

**Noncommercial, Educational FM and Television Broadcast Service**

*Memorandum opinion and order.* 1. By memorandum opinion and order released May 11, 1970 (FCC 70-487) the Commission amended its rules concerning noncommercial educational FM and television stations, particularly with respect to what announcements are permissible or required in connection with the furnishing by other parties of program material or funds for the production of programs or station operation. The new rules were made effective June 17, 1970.

2. On June 3, 1970, the National Association of Educational Broadcasters (NAEB) filed a "Petition for Clarification and/or Modification of Order", seeking either clarification of the rules adopted in the May 11 action, or some modification in their provisions, chiefly with respect to permissible "credits" when private businesses underwrite either particular programs or general ETV station operating expenses covered in Notes 1 and 2 of the rules as amended. Eight areas were mentioned. Pending further consideration of the matters raised in the NAEB petition, the effective date of the rules adopted in May was postponed, first until August 4, 1970, and finally until November 30, 1970.

3. We believe that some of the NAEB's requested clarifications and modifications may be adopted, wholly or partly, without impairing the noncommercial character of educational broadcasting. Therefore changes along the lines dis-

cussed in the following paragraphs appear appropriate and are adopted herein.

4. *Conforming the new FM and TV rules as to furnishing funds for program production, and "repeat" programs* (paragraphs 3(a) and 3(b) of the NAEB petition). The first sentence of Note 1 of § 73.503, as amended in the May 11 action, provides as to FM stations that:

Announcements of the producing or furnishing of programs "or the provision of funds for their production" may be made no more than twice, at the opening and at the close of any program.

The language in quotation marks was omitted from the corresponding rule for television, Note 1 to § 73.621, as NAEB points out in its subparagraph 3(a). The omission was inadvertent, and the same language is being added to the TV rule.

5. In its subparagraph 3(b), NAEB points out that often ETV stations repeat the same program within a short time; e.g., "Sesame Street" may be presented more than once on Saturday mornings. It asks that Note 1 be clarified to make it apparent that credit announcements are permitted at the beginning and end of each broadcast. This was the intent of the rule, and language is added to Note 1 of §§ 73.503 and 73.621 accordingly.

6. *Permissible announcements in long programs.* Note 1 to both the FM and TV rules, as adopted in May, §§ 73.503 and 73.621, states that "credit" announcements concerning furnishing or making possible the presentation of a particular program may be made no more than twice, at the beginning and end of a program. In its paragraph 3(c), NAEB calls attention to programs of long duration, such as the recent "Andersonville Trial", city council meetings, hearings, etc., and it is asked that in such material more frequent announcements be permitted, i.e., once per hour during programs more than an hour in length.

7. We agree that in these cases more frequent announcement should be permitted, to inform the audience of the identity of the person furnishing the material or making its presentation possible. Accordingly, we are changing Note 1 to these sections to provide that, in addition to the announcement at the beginning and end of the program, in the case of programs of more than an hour duration announcements may be made at hourly intervals, but no such additional announcement shall be made where the closing announcement will be made in less than 15 minutes.

8. *Permissible identification of the donor or underwriter.* The notes added in the May 11 action limit announcements to the identification "by name only" of the person or organization furnishing the program or contributing. In the request contained in subparagraph 3(d) of its petition, NAEB requests that this be relaxed somewhat, to permit a brief descriptive line of identification. It is urged that this is necessary in some cases if the purpose of § 73.654 of the TV rules (sponsorship identification) is to be met and the "full and fair disclosure of the true identity" of those paying for broadcast matter adequately obtained.

NAEB suggests as appropriate brief identifications such as "XYZ Company, stockbrokers and investment bankers," or "ABC, Inc., makers of athletic footwear." It is stated that, for example, on occasion two companies in the same community have almost exactly the same name, and a brief description of the nature of the business of the contributing enterprise is necessary to distinguish it from the other. NAEB also asserts that considerable underwriting support is contributed by subsidiaries of larger, more identifiable corporations, e.g., "American Home Foods, a Division of General Foods", and that reference to the parent entity would more adequately convey the identity of the underwriter. It is also claimed that the new rules are inconsistent in some cases, permitting mention of the corporate name but at the same time prohibiting mention of a product, where in some cases, such as Ford and Coca-Cola, the corporate name includes the name of the product.

9. With respect to the last point mentioned, the prohibition against product mention was intended only to apply to mention of the product as such, e.g., Ford cars or the carbonated beverage called Coca-Cola. If the same name appears in the corporate (or division) name, its use is appropriate to that extent, and the rules are clarified herein accordingly. With respect to the matter of "division" mention, some modification in this respect appears appropriate, since a substantial amount of underwriting is done on the basis of contributions by divisions, e.g., "the Buick Division of General Motors." Such situations have increased in recent years with the tendency toward mergers and acquisitions. Accordingly, the rule is revised to permit mention of a "division" or "subsidiary" instead of the main company, only if the "division" or "subsidiary" is in fact the donor or underwriter, and if the entity is a bona fide operating division. These two restrictions are designed to prevent undue use of this device to obtain product mention.

10. With respect to the third point raised by NAEB—permitting a brief descriptive line to be added to the identification by business name—we cannot agree that this is appropriate as a matter of general policy and practice. In our judgment, this is not necessary to provide adequate disclosure to the audience as required by section 317 of the Communications Act (particularly in view of the "division" mention permitted above), and would tend toward undue commercialization of the medium. In particular, it would appear likely to lend itself to extension of the description to a point which would be virtually the same as "institutional advertising", such as "craftsmen of fine furniture" or "located at 13th and F Streets in Centerville." Accordingly, such material is not permitted under the Notes adopted herein. We recognize that there may be cases such as those referred to by NAEB, where the donor company has a name virtually the same as that of another business in the community. In these cases, a brief description will be permitted to the extent

<sup>1</sup> 22 FCC 2d 903, 19 R.R. 2d 1501.



necessary to avoid confusion. These cases can and will be handled, on the basis of request for waiver of the rule.

11. *Credit announcements in previously produced material; existing underwriting arrangements.* In its paragraph 3(f), NAEB asks that where material produced before the effective date of the new rule contains underwriting "credit" announcements beyond those permitted under the new provisions, its broadcast should be permitted without the stations having to delete the credits which contravene the new limitations. Otherwise, it is claimed, ETV stations will have to assume the task of reviewing, and if necessary, editing, a large volume of material to remove the excessive credits, a heavy burden in time, labor and physical resources on stations already under a heavy financial load.

12. We believe that some relaxation in this respect is appropriate, as to material previously produced and that which is now in production. Accordingly, new Note 3 to §§ 73.503 and 73.621 states that the limitations in Notes 1 and 2 do not apply to program material the production of which was completed before January 1, 1971.

13. NAEB makes a further request in this connection, that existing underwriting arrangements, going beyond the limitation adopted, be permitted to be honored, with the new rules applying only to subsequent arrangements. It is urged that any change in these "could well" lead to their cancellation, to the financial detriment of the stations. NAEB asks that a period of adjustment be permitted in this respect, similar to the transitional period often granted by the Commission in connection with new regulation, such as in the proposed abolition of cigarette advertising.

14. We do not agree that any general adoption of this principle is warranted. We viewed the rules adopted in May as representing reasonable restrictions and limitations, clearly required in the public interest to preserve the noncommercial character of educational broadcasting. For the most part, and in this respect in particular, we are of the same view. Anything going beyond what is permitted by the new rule is thus objectionable, and should be prohibited. We do not agree that the change involved here is such a radical departure as to warrant an extended "turnaround period", as with the elimination of cigarette advertising. We are permitting existing arrangements (as of November 30, 1970) to continue outside the new restrictions until the end of 1970, just as with program material as mentioned above. In our judgment, this period—some 2 months from now, and more than 7 months from the date of public release of our original action—is a sufficient transitional period.

15. *Applicability of the new rule to credits of noncommercial, nonprofit contributors.* Subparagraph 3(g) of the NAEB petition asks that the rule exempt completely, and thus not impose any restriction on, credits for noncommercial or nonprofit contributors, such as the Corporation for Public Broadcasting, the Ford Foundation, or State or regional

entities. It is urged that no restriction on such announcements is needed, to preserve "the essential noncommercial character of these services which permits them to fulfill the unique and important role in our society which they do." Therefore it is asked that no restriction on such announcements be imposed.

16. We agree in large part, since the principal reason for a restriction on "credit" announcements is absent in these cases, as NAEB points out. Accordingly, they are exempted from the new Notes as such. However, we point out that there is another pertinent aspect to this matter: The avoidance of excessive "clutter," which can arise as much from announcements mentioning these sources as from "credits" to commercial underwriters. Educational stations are expected to avoid the excessive presentation of announcements of this character, particularly where they interrupt program continuity. We also point out that any numerical restrictions in the area are intended to apply only to announcements of a "credit" or "identification" nature, concerning those responsible for furnishing or making possible the presentation of program material. They do not apply to general public service announcements, which may be presented on ETV or educational radio through some of the agencies, such as a State urging the prevention of forest fires.

17. *Applicability to ETV "auctions".* A feature of ETV operation in many cases is the annual "auction," lasting usually from 3 days to a week. Local businesses, foundations, and individuals contribute goods or services which are auctioned on the air. Often, the broadcast time for these affairs is underwritten by a company or group of companies, e.g., one for each day, and the station gives frequent exposure to their products as displayed in the auction area or to a visual image of the name or product, as well as credit announcements. NAEB states that these are highly important activities, both in increasing the station's contact with the community (and getting additional subscribers) and in obtaining money. It is stated that during the year from July 1968 through June 1969, 24 ETV stations held auctions, with a total net income of nearly \$2 million and a median net income of about \$80,000. It is urged that these essential annual events must be specifically excepted from the restrictions of the rules.

18. We agree with NAEB that these activities, still highly important in the financing of a number of ETV operations, should be treated somewhat more liberally than educational broadcasting generally, and accordingly a special Note to the educational FM and ETV rules will govern them. These notes provide, essentially, that for "auction" periods, the regular rules do not apply to the "auction" broadcasts. No quantitative limit is placed on aural "credits" giving the name of the underwriter (and division or brief description if appropriate), or on visual exposure of its name, trademark and product or representation thereof, if displayed within the auction area. In "credits" during auction periods,

while they may identify particular products or services, any promotion of such products or services, beyond that which is required for the specific auction purpose, is inappropriate, and is prohibited.

19. However, while we are relaxing the rules adopted in May to the extent indicated, we believe it also appropriate to express reservations about the public-interest character of these practices. Mention and praise of products and services to this extent is undoubtedly of a somewhat "commercial" nature, closely akin to regular advertising, even though it takes place for only a limited time during the year and is for a highly desirable purpose. Moreover, we are inclined to question whether it is basically in the public interest for ETV stations to devote a number of days each year essentially to the process of promoting products and services, and selling them at the highest possible price. We are not disposed to consider any further liberalization of the rules adopted herein, and, if and when other means of financing ETV operation become better established, we intend to reexamine this practice to see whether auctions should be permitted any longer—at least in the present form.

20. *"Note 2" credits for general contributions, particularly by multiple underwriters.* NAEB's remaining request (subparagraph 3(e) of its petition) has two specific parts: (1) Clarification as to whether Note 1 (individual programs) or Note 2 (general contributions) applies when all or part of a broadcast day is taken up with a particular program or repeats, such as an all-day legislative session or repeats of "Sesame Street" on Saturday mornings; (2) whether the Note 2 requirement concerning three announcements per day for general contributors means three for each of a group of contributors, or a total of three for all. It is also urged that the Note 2 limitation to three announcements is too restrictive, not apprising the audience often enough, and that announcements concerning general contributions, as well as announcements relating to individual programs, should be permitted hourly as well as at the opening and closing of the underwritten part of the day. It is said that if this is adopted, Notes 1 and 2 might well be combined.

21. We agree that some modification of the rule is appropriate in this area, and that announcements of general contributions need not be limited exactly as they have been by Note 2 as adopted in May. Certainly, where only one such contributor is involved in an entire day's program, it does not appear appropriate to limit him to three announcements. We believe that appropriate resolution of the various problems mentioned in the previous paragraph, including that of multiple underwriters, is to permit announcements at the opening and close of the day or segment thereof involved, listing all of the general contributors, and in addition announcement of one general contributor per hour. Note 2 to §§ 73.503 and 73.621 is revised to read accordingly.



22. Authority for the rule amendments discussed above, which are set forth below, is found in sections 4(d), 303 (b) and (r), and 317 of the Communications Act of 1934, as amended. Some of them, the first of two matters mentioned, are clarifying in nature. The rest are substantive changes in at least some degree, but generally they are relaxations of restrictions as compared to the rules adopted in May 1970, in FCC 70-487. Their adoption is required in the public interest, to provide for reasonable identification of those furnishing or making possible the presentation of broadcast material, and at the same time to preserve the non-commercial character of educational FM and television broadcasting. Therefore, we conclude that the prior rule making proceedings usually required by the Administrative Procedure Act (5 U.S.C. section 553) are not required or appropriate. The rules adopted May 6, 1970, with the amendments to the notes thereto adopted herein, will become effective November 30, 1970, the date they are now scheduled to become effective under the last extension of the "stay".

23. *The Commission's concern with "commercialization" of the educational broadcast services.* While we believe that rule amendments along the lines discussed above are appropriate and can be made without impairing the noncommercial character of these services, nonetheless we are concerned with what appear to be practices and tendencies in the presentation of these "credit" announcements. For example, we note NAEB's statement that enforcement of the restrictions on permissible "credits" adopted in our May action "could well result" in cancellation by underwriters of their existing agreements. This appears to indicate that, likely to an undesirable extent, contributions by private business enterprises are made in return for substantial exposure. We are also concerned by other developments such as regular association of a particular commercial underwriter—and credits for it—with particular programs, especially where the program involved is one related particularly to the underwriter's products. Aside from the "exposure" aspect of such arrangements, it may well be that they lead toward an undue channeling of educational broadcasting time and effort into programs which are presented because they are likely to draw such support, and which to some extent duplicate the material on commercial stations. The matter of extended and rather commercial "auction" activities is also something we intend to consider in the future, as indicated in paragraph 19. We are not presently beginning a formal inquiry into these matters; but we will study any trends in this respect carefully from now on, to determine whether any further restriction on such credits are needed in the public interest. It follows from these observations that we are not disposed to consider any further liberalization of the rules concerning permissible "credits", beyond those adopted herein.

24. *Announcements required by the May 1970 rules.* The changes in §§ 73.503

and 73.621, adopted in May 1970 (FCC 70-487), included other matters besides the notes concerning permissible announcements, which are the subject of the NAEB's petition and have been discussed above. These included language in the text concerning the payment of line charges, and specific reference to the station's obligation to make announcements when required to implement the purposes of section 317 of the Communications Act and the Commission's sponsorship identification rules insofar as they apply to noncommercial operations. Thus, §§ 73.503(d) and 73.621(e), as amended in that action, specifically made applicable to these stations §§ 73.269 and 73.654, the sponsorship identification rules, to the extent they apply to program material furnished or produced by or at the expense of others. This particularly applies where the program material furnished through outside sources relates to a controversial issue of public importance or a political broadcast, in which case an identification of the party responsible for the program is required. These new provisions were stayed in effect along with the notes involved here. They will now become effective at the same time as the notes as amended in the present action, and compliance therewith is expected and will be enforced.

25. In view of the foregoing: *It is ordered.* That, effective November 30, 1970, the notes following §§ 73.503 and 73.621 of the Commission's rules are amended, as set forth below.

26. *It is further ordered.* That §§ 73.503 and 73.621 of the Commission's rules, as amended May 6, 1970 (FCC-487, released May 11, 1970), and as further amended herein with respect to the notes following these sections, are effective November 30, 1970.

27. *It is further ordered.* That the "Petition for Clarification and/or Modification of Order" filed on June 3, 1970 by the National Association of Educational Broadcasters is granted, to the extent indicated hereinabove, and in all other respects is denied.

(Secs. 4, 303, 317, 48 Stat., as amended, 1066, 1082, 1089; 47 U.S.C. 154, 303, 317)

Adopted: November 4, 1970.

Released: November 10, 1970.

FEDERAL COMMUNICATIONS  
COMMISSION,<sup>2</sup>

[SEAL] BEN F. WAPLE,

Secretary.

In §§ 73.503 and 73.621, the notes following these sections are amended, and additional notes are added, to read as follows:

§ 73.503 Licensing requirements and service.

NOTE 1: Announcements of the producing or furnishing of programs, or the provision

<sup>2</sup> Commissioner Bartley absent; concurring statement of Commissioner Robert E. Lee and dissenting statement of Commissioner Johnson filed as part of the original document.

of funds for their production, may be made no more than twice, at the opening and at the close of any program, except that where a program lasts longer than 1 hour an announcement may be made at hourly intervals during the program if the last such announcement occurs at least 15 minutes before the announcement at the close of the program. The person or organization furnishing or producing the program, or providing funds for its production, shall be identified by name only, except that in the case of a commercial company having bona fide operating divisions or subsidiaries one of which has furnished the program or funds, the division or subsidiary may be mentioned in addition to or instead of the commercial company. No material beyond the company (or division or subsidiary) name shall be included. Upon request for waiver of this provision, the Commission may authorize the inclusion of brief additional descriptive material only when deemed necessary to avoid confusion with another company having the same or a similar name. No mention shall be made of any product or service with which a commercial enterprise being identified has a connection, except to the extent the name of the product or service is the same as that of the enterprise (or division or subsidiary) and is so included. A repeat broadcast of a particular program is considered a separate program for the purpose of this note.

NOTE 2: Announcements may be made of general contributions of a substantial nature which make possible the broadcast of programs for part, or all, of the day's schedule. Such announcements may be made at the opening and closing of the day or segment, including all of those persons or organizations whose substantial contributions are making possible the broadcast day or segment. In addition, one such general contributor may be identified once during each hour of the day or segment. The provisions of Note 1 of this section as to permissible contents apply to announcements under this note.

NOTE 3: The limitations on credit announcements imposed by Notes 1 and 2 of this section shall not apply to program material, the production of which was completed before January 1, 1971, or to other announcements broadcast before January 1, 1971, pursuant to underwriting agreements entered into before November 30, 1970.

NOTE 4: The provisions of Notes 1 and 2 of this section shall not apply during the broadcast times in which "auctions" are held to finance station operation. Credit announcements during "auction" broadcasts may identify particular products or services, but shall not include promotion of such products or services beyond that necessary for the specific auction purpose.

NOTE 5: The numerical limitations on permissible announcements contained in Notes 1 and 2 of this section do not apply to announcements on behalf of noncommercial, non-profit entities, such as the Corporation for Public Broadcasting, State or regional entities, or charitable foundations.

§ 73.621 Noncommercial educational stations.

NOTE 1: Announcements of the producing or furnishing of programs, or the provision of funds for their production, may be no more than twice, at the opening and at the close of any program, except that where a program lasts longer than 1 hour an announcement may be made at hourly intervals during the program if the last such announcement occurs at least 15 minutes before the announcement at the close of the program. The person or organization furnishing or producing the program, or providing funds



for its production, shall be identified by name only, except that in the case of a commercial company having bona fide operating divisions or subsidiaries one of which has furnished the program or funds, the division or subsidiary may be mentioned in addition to or instead of the commercial company. No material beyond the company (or division or subsidiary) name shall be included. Upon request for waiver of this provision, the Commission may authorize the inclusion of brief additional descriptive material only when deemed necessary to avoid confusion with another company having the same or a similar name. No mention shall be made of any product or service with which a commercial enterprise being identified has a connection, except to the extent the name of the product or service is the same as that of the enterprise (or division or subsidiary) and is so included. A repeat broadcast of a particular program is considered a separate program for the purpose of this note.

**NOTE 2:** Announcements may be made of general contributions of a substantial nature which make possible the broadcast of programs for part, or all, of the day's schedule. Such announcements may be made at the opening and closing of the day or segment, including all of those persons or organizations whose substantial contributions are making possible the broadcast day or segment. In addition, one such general contributor may be identified once during each hour of the day or segment. The provisions of Note 1 of this section as to permissible contents apply to announcements under this note.

**NOTE 3:** The limitations on credit announcements imposed by Notes 1 and 2 of this section shall not apply to program material, the production of which was completed before January 1, 1971, or to other announcements broadcast before January 1, 1971, pursuant to underwriting agreements entered into before November 30, 1970.

**NOTE 4:** The provisions of Notes 1 and 2 of this section shall not apply during the broadcast times in which "auctions" are held to finance station operation. Credit announcements during "auction" broadcasts may identify particular products or services, but shall not include promotion of such products or services beyond that necessary for the specific auction purpose. Visual exposure may be given to a display in the auction area including the underwriter's name and trademark, and product or service or a representation thereof.

**NOTE 5:** The numerical limitations on permissible announcements contained in Notes 1 and 2 of this section do not apply to announcements on behalf of noncommercial, nonprofit entities, such as the Corporation for Public Broadcasting, State or regional entities, or charitable foundations.

[F.R. Doc. 70-15349; Filed, Nov. 13, 1970; 8:47 a.m.]

## Title 49—TRANSPORTATION

### Chapter X—Interstate Commerce Commission

#### SUBCHAPTER A—GENERAL RULES AND REGULATIONS

[S.O. 1053, Amdt. 1]

#### PART 1033—CAR SERVICE

##### Distribution of Boxcars

At a session of the Interstate Commerce Commission, Railroad Service Board, held in Washington, D.C., on the 10th day of November 1970.

Upon further consideration of Service Order No. 1053 (35 F.R. 16934), and good cause appearing therefor:

It is ordered, That:

Third Revised Service Order No. 1053 be, and it is hereby, amended by substituting the following paragraph (a) (1) thereof:

§ 1033.1053 Service Order No. 1053.

(a) Distribution of boxcars: Each common carrier by railroad subject to the Interstate Commerce Act shall observe, enforce, and obey the following rules, regulations, and practices with respect to its car service:

(1) Return to owners empty, except as otherwise authorized in subparagraphs (2) and (4) of this paragraph, all plain boxcars which are listed in the registration of the specific railroads named herein in the Official Railway Equipment Register, ICC R.E.R. 377, issued by E. J. McFarland, or successive issues thereof, as having mechanical designation XM, with inside length 44 feet 6 inches or less and equipped with doors less than 9 feet wide and bearing the identification marks shown:

The Atchison, Topeka, and Santa Fe Railway Co. Identification marks—ATSP.  
Chicago & Eastern Illinois Railroad Co. Identification marks—C&EI, CEI.  
Chicago, Rock Island and Pacific Railroad Co. Identification marks—RI.  
Illinois Central Railroad Co. Identification marks—IC.  
Missouri-Kansas-Texas Railroad Co. Identification marks—MKT.  
Missouri-Illinois Railroad Co. Identification marks—MI.  
Missouri Pacific Railroad Co. Identification marks—MP.  
St. Louis-San Francisco Railway Co. Identification marks—SLSF.  
St. Louis Southwestern Railway Co. Identification marks—SSW.  
The Texas and Pacific Railway Co. Identification marks—T&P, TP.

**Effective date.** This amendment shall become effective at 11:59 p.m., November 11, 1970.

(Secs. 1, 12, 15, and 17(2), 24 Stat. 379, 383, 384, as amended; 49 U.S.C. 1, 12, 15, and 17(2). Interprets or applies secs. 1(10-17), 15(4), and 17(3), 40 Stat. 101, as amended 54 Stat. 911; 49 U.S.C. 1(10-17), 15(4), and 17(2))

It is further ordered, That copies of this amendment shall be served upon the Association of American Railroads, Car Service Division, as agent of the railroads subscribing to the car service and per diem agreement under the terms of that agreement; and that notice of this order shall be given to the general public by depositing a copy in the Office of the Secretary of the Commission at Washington, D.C., and by filing it with the Director, Office of the Federal Register.

By the Commission, Railroad Service Board.

[SEAL] ROBERT L. OSWALD,  
Secretary.

[F.R. Doc. 70-15354; Filed, Nov. 13, 1970; 8:48 a.m.]

## Title 36—PARKS, FORESTS, AND MEMORIALS

### Chapter I—National Park Service, Department of the Interior

#### PART 50—NATIONAL CAPITAL PARK REGULATIONS

##### Park-Use Permit System for Public Gatherings; Postponement of Effective Date

By notice of rule making published in the FEDERAL REGISTER, October 2, 1970 (35 F.R. 15393), the Secretary of the Interior directed that the revised regulations governing public gatherings in National Capital Park Areas, 36 CFR 50.19, would become effective 30 days from publication. Pursuant to a hearing held by the U.S. District Court for the District of Columbia in the case entitled "A Quaker Action Group, et al. v. Walter J. Hickel, et al.," Civil Action No. 688-69, on October 30, 1970, the Secretary issued a subsequent notice in the FEDERAL REGISTER on November 5, 1970 (35 F.R. 17042), postponing the effective date of these revised regulations until November 15, 1970.

At a subsequent hearing held in this case by the District Court for the District of Columbia on November 9, 1970, the Honorable Judge George L. Hart sustained the validity of the revised regulations and granted the Government's motion for summary judgment. Judge Hart, however, ruled that, under the terms of the mandate previously issued by the U.S. Court of Appeals for the District of Columbia, in its decision of February 10, 1970, reported 429 F.2d 185, the modified preliminary injunction previously entered in the case must remain in effect, pending further order of the Court of Appeals for the District of Columbia. Accordingly, the Secretary hereby gives notice that the effective date of the revised regulation is postponed pending further order of the Court of Appeals for the District of Columbia.

In the meantime, the holding of public gatherings in park areas under National Capital Parks administration remains subject to the 15-day advance notice requirement, on the appropriate form, specified by the U.S. Court of Appeals for the District of Columbia by its order entered October 1, 1970. A copy of the form prescribed by the Court of Appeals in that order follows:

NOTICE OF PROPOSED DEMONSTRATION IN PARK AREA(S) UNDER ADMINISTRATION BY NATIONAL CAPITAL PARKS, NATIONAL PARK SERVICE, U.S. DEPARTMENT OF THE INTERIOR

To: General Superintendent, National Capital Parks, National Park Service, 1100 Ohio Drive SW., Washington, D.C. 20242.

This notice of proposed demonstration is being submitted in accordance with the order of the U.S. District Court for the District of Columbia, entered April 6, 1970, in "A Quaker Action Group, et al. v. Walter J. Hickel et al.," as modified by the order of the U.S. Court of Appeals for the District of Columbia Circuit entered October 1, 1970.



(No. 24,312). The undersigned knows that this notice must be given fifteen (15) days in advance of any proposed demonstration.

In submitting this notice, the undersigned certifies that the information given below is full and correct, and that all estimates are reliable, to the best of the undersigned's knowledge and belief as of the date of this notice.

(NOTE: If any space below is insufficient for any item, attach supplement sheet(s) bearing that item no., and indicate in the space for that item no. of such supplement sheets.)

(Date of this notice)

PART I.

1. Individual sponsor(s) -----  
Address(es) -----  
Telephone No(s) -----  
(Item 1 supplement sheets attached -----  
: If none, so state.)
2. Sponsoring organization(s) -----  
-----  
Nature of sponsoring organization(s) (corporation, unincorporated association, etc.) -----  
-----  
Address(es) -----  
Telephone No(s) -----  
(Item 2 supplement sheets attached -----  
: If none, so state.)
3. Principal national officer of sponsoring organization(s):  
Name of Officer -----  
Organization and office held -----  
Address -----  
Telephone No -----  
(Item 3 supplement sheets attached -----  
: If none, so state.)
4. Name(s) of additional participating organization(s) -----  
-----  
Address(es) -----  
Telephone No(s) -----  
(Item 4 supplement sheets attached -----  
: If none, so state.)
5. Date of proposed demonstration -----
6. Purpose of proposed demonstration -----  
-----
7. Estimated maximum number of participants -----
8. Location(s) of proposed demonstration -----  
-----  
Assembly area(s) -----  
Dispersal area(s) -----  
(Item 8 supplement sheets attached -----  
: If none, so state.)
9. Plans for termination of proposed demonstration and dispersal of participants at end of demonstration (include plans which might affect traffic) -----  
-----

PART II.

EXPANSION: This part of the notice relates to aspects of the demonstration which in a sense are details, but which are important details, especially in regard to avoiding disruptions for demonstrations expected to involve a large number of participants. This aids both the sponsors and participants who want an effective opportunity to present their

views, as well as the Government officials concerned with safety.

INSTRUCTIONS: This additional information is to be provided:

(1) By completing Part II of the original notice, to the extent known at the time of filing the notice. Use supplement sheets attached as needed. If answer is none, or not known, so state;

(2) By promptly filing supplements to the notice, as and when the information becomes available after the filing of the original notice;

(3) In any event, by promptly responding to oral or written requests for this information from the National Park Service.

While the applicant is not expected to file supplements for minor or insubstantial changes, he is required to act in good faith to supply the information asked for to the extent that it is known or can be reasonably estimated, as the information becomes available.

ADDITIONAL INFORMATION

A. Principal national officer of additional participating organization(s):

Name of officer -----  
Organization and office held -----  
Address -----  
Telephone No -----

B. Proposed activities involved in demonstration (including list of all principal speakers now known, and the scheduling in terms of time, approximate duration, location, and nature of each separate activity) -----  
-----

C. Uniforms and insignia. Will all participants approved by the sponsor(s) be identifiable by reason of uniform, arm band, or other distinguishing dress or insignia? -----  
If answer is yes, state all such distinguishing means of identification -----

D. Equipment and facilities. (1) List of all equipment, props and facilities proposed to be used (include sound equipment; also set forth the approximate number and size of banners, placards, and picket signs, and the size of the supports, standards, or handles; also include such proposed items as sanitary and medical facilities and equipment. -----  
-----

(2) For White House Demonstrations: information as to any such items as boxes, coffins, or other receptacles or containers, whether to be carried open or closed, their proposed size, the materials of which they are to be constructed, and their proposed contents and use -----  
-----

E. Marshals. (1) Will sponsor(s) furnish marshals? ----- If so, how many? (yes or no) -----

(2) Person(s) responsible for supervision of marshals (for each location) if known: -----  
-----

<sup>1</sup> Need be supplied only for proposed demonstration in White House area (bounded on the south by Constitution Avenue NW.; on the north by H Street NW.; on the east by 15th Street NW.; and on the west by 17th Street NW.

Location(s) -----  
Name(s) -----  
Address(es) -----  
Telephone No(s) -----

(NOTE: A system of marshals, set up by the sponsors and participants, is considered particularly desirable for large demonstrations, both to avoid disruptions and danger of violence, and to provide effective opportunity for expression of views on purpose of demonstration.)

F. Persons in charge. Person(s) in charge of demonstration, and of coordination of sponsoring and participating group. (One person should be listed as in charge of overall demonstration. If different individuals are in charge of activities at various locations, each one should also be listed.)  
Name -----  
Address -----  
Telephone No -----  
Prior Experience -----

G. Disruptions from others. Is there a reason to believe or is there any information indicating that any individual, group, or organization will seek to disrupt the demonstration for which this notice is given? -----  
If answer is yes, list each such individual, group, or organization, and give all information available as to each (including address and telephone number) -----  
-----

EXPLANATION: Information as to possibility of disruption does not mean demonstration cannot be held. It permits authorities to prepare effectively in order to avoid or contain any disruptions.

-----  
(Signature of person giving notice)

Signature Witnessed by:

(Signature of Witness) ----- (Typed (or printed) name of such person) -----

(Typed (or printed) name of witness) ----- (Position of responsibility of such person relative to proposed demonstration) -----

(Address of witness) ----- (Address of person) -----

----- (Telephone Number of person) -----

(If no witness is otherwise available, the Government officer receiving the notice shall serve as such witness upon request)

(NOTE: Under 18 U.S.C. #1001, any person who knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false statements or representations, in respect of any matter within the jurisdiction of any department or agency of the United States, is liable to a fine in an amount up to \$10,000, and imprisonment for not more than 5 years, or both.)

Dated: November 12, 1970.

WALTER J. HICKEL,  
Secretary of the Interior.

[F.R. Doc. 70-16453; Filed, Nov. 13, 1970; 10:05 a.m.]



# Proposed Rule Making

## DEPARTMENT OF AGRICULTURE

Consumer and Marketing Service

[ 7 CFR Part 1064 ]

### MILK IN GREATER KANSAS CITY MARKETING AREA

#### Notice of Proposed Suspension of Certain Provision of Order

Notice is hereby given that, pursuant to the provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.), the suspension of certain provision of the order regulating the handling of milk in the Greater Kansas City marketing area is being considered.

All persons who desire to submit written data, views, or arguments in connection with the proposed suspension should file the same with the Hearing Clerk, Room 112-A, Administration Building, U.S. Department of Agriculture, Washington, D.C. 20250, not later than 5 days from the date of publication of this notice in the FEDERAL REGISTER. All documents filed should be in quadruplicate.

All written submissions made pursuant to this notice will be made available for public inspection at the office of the Hearing Clerk during regular business hours (7 CFR 1.27(b)).

The provision proposed to be suspended is as follows: In § 1064.12(c), the phrase "November, December,"

*Statement of consideration.* The proposed suspension will reduce the performance standards for pooling of a cooperative association supply plant during the months of November and December 1970 to require that 50 percent or more instead of 65 percent or more of its member producer milk be received during the month at pool distributing plants either by transfer from such plant or directly from member producers' farms.

Suspension was requested by a cooperative association representing more than two-thirds of the producers on the market to enable the cooperative to continue the pool plant status of its supply plant located at Sabetha, Kans., during the months of November and December 1970 without incurring unnecessary handling costs and to reflect current marketing conditions.

The cooperative states that it is experiencing difficulty in keeping its plant pooled because of a decrease in demand for milk shipments from its supply plant to pool distributing plants caused by several factors. These include a general decrease in Class I sales, the association of additional milk supplies with the market and a shifting to other markets of Class I sales due to recent closing and consolidation of pool plant operations in this market.

Signed at Washington, D.C., on November 12, 1970.

JOHN C. BLUM,  
Deputy Administrator,  
Regulatory Programs.

[F.R. Doc. 70-15409; Filed, Nov. 13, 1970;  
8:50 a.m.]

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

[ 14 CFR Part 71 ]

[Airspace Docket No. 70-WA-39]

#### FEDERAL AIRWAY SEGMENTS AND REPORTING POINT

##### Proposed Alteration and Designation

The Federal Aviation Administration (FAA) is considering amendments to Part 71 of the Federal Aviation Regulations that would alter VOR Federal airway No. 506 and Blue Federal airway No. 27 in the vicinity of King Salmon, Alaska, and designate a low altitude reporting point on V-456, approximately 45 nautical miles southwest of the Kenal, Alaska, VOR.

Interested persons may participate in the proposed rule making by submitting such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Alaskan Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, 632 Sixth Avenue, Anchorage, Alaska 99501. All communications received within 30 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendments. The proposals contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, D.C. 20590. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

The airspace actions proposed in this docket would:

1. Extend the 1,200-foot floor portion of B-27 from 43 miles northwest of the King Salmon radio range to 53 miles northwest of the radio range. This would reduce the 70 MSL floor portion from 94 miles to 84 miles.

2. Extend the 1,200-foot floor portion of V-506 from 41 miles northwest of the King Salmon VORTAC to 51 miles northwest of the VORTAC. This would

reduce the 70 MSL floor portion from 94 miles to 84 miles.

3. Designate a low altitude reporting point on V-456 at the intersection of the Kenal VOR 239° T (214° M) and Homer VOR 316° T (292° M) radials. This reporting point would be known as the Tux Bay Intersection.

By Airspace Docket No. 70-AL-2 to become effective December 10, 1970, V-456 will be designated from Dillingham, Alaska, direct to Anchorage, Alaska, and V-456 will be realigned via Kenal.

The proposed alteration of the floor of B-27 and V-506 is needed to provide consonance with the floor of V-462. The proposed reporting point is needed because of the realignment of V-456.

These amendments are proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348) and section 6(c) of the Department of Transportation Act (49 U.S.C. 1655(c)).

Issued in Washington, D.C., on November 6, 1970.

H. B. HELSTROM,  
Chief, Airspace and Air  
Traffic Rules Division.

[F.R. Doc. 70-15364; Filed, Nov. 13, 1970;  
8:49 a.m.]

[ 14 CFR Part 71 ]

[Airspace Docket No. 70-SW-64]

#### TRANSITION AREA

##### Proposed Designation

The Federal Aviation Administration is considering amending Part 71 of the Federal Aviation Regulations to designate a 700-foot transition area at Las Cruces, N. Mex.

Interested persons may submit such written data, views, or arguments as they may desire. Communications should be submitted in triplicate to the Chief, Air Traffic Division, Southwest Region, Federal Aviation Administration, Post Office Box 1689, Fort Worth, Tex. 76101. All communications received within 30 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. No public hearing is contemplated at this time, but arrangements for informal conferences with Federal Aviation Administration officials may be made by contacting the Chief, Air Traffic Division. Any data, views, or arguments presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

The official docket will be available for examination by interested persons at the



Office of the Regional Counsel, Southwest Region, Federal Aviation Administration, Fort Worth, Tex. An informal docket will also be available for examination at the Office of the Chief, Air Traffic Division.

It is proposed to amend Part 71 of the Federal Aviation Regulations as herein-after set forth.

**LAS CRUCES, N. MEX.**

That airspace extending upward from 700 feet above the surface within a 10.5-mile radius of the Las Cruces Municipal Airport (latitude 32°17'27" N., longitude 106°55'18" W.); and within 3.5 miles either side of the Las Cruces NDB (latitude 32°16'56" N., longitude 106°55'23" W.) 180° bearing extending from the 10.5-mile radius areas to 12 miles south of the NDB.

The proposed transition area will provide airspace protection for aircraft executing an NDB (ADF) instrument approach procedure proposed to serve the Las Cruces Municipal Airport at Las Cruces, N. Mex.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348) and of section 6(c) of the Department of Transportation Act (49 U.S.C. 1655(c)).

Issued in Fort Worth, Tex., on November 5, 1970.

**HENRY L. NEWMAN,**  
*Director, Southwest Region.*

[P.R. Doc. 70-15365; Filed, Nov. 13, 1970; 8:49 a.m.]

**[ 14 CFR Part 71 ]**

[Airspace Docket No. 70-SO-85]

**CONTROL ZONE AND TRANSITION AREA**

**Proposed Alteration; Supplemental Notice**

On October 30, 1970, F.R. Doc. 70-14603 was published in the FEDERAL REGISTER (35 F.R. 16804), stating that the Federal Aviation Administration was considering an amendment to Part 71 of the Federal Aviation Regulations that would alter the Palm Beach, Fla., control zone and transition area.

Subsequent to publication of the notice, it was determined that the proviso "excluding the portion outside the continental limits of the United States" was inadvertently omitted from the description.

In consideration of the foregoing, effective immediately, the proposed description of the Palm Beach, Fla., transition area published in F.R. Doc. 70-14603 is amended to read:

That airspace extending upward from 700 feet above the surface within an 8.5-mile radius of Palm Beach International Airport (lat. 26°41'05" N., long. 80°05'35" W.); excluding the portion outside the continental limits of the United States.

This amendment is made under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348(a)) and of section 6(c) of the Department of

Transportation Act (49 U.S.C. 1655(c)).

Issued in East Point, Ga., on November 6, 1970.

**GORDON A. WILLIAMS, JR.,**  
*Acting Director, Southern Region.*

[P.R. Doc. 70-15366; Filed, Nov. 13, 1970; 8:49 a.m.]

**[ 14 CFR Part 71 ]**

[Airspace Docket No. 70-SW-56]

**FEDERAL AIRWAY**

**Proposed Alteration**

The Federal Aviation Administration is considering an amendment to Part 71 of the Federal Aviation Regulations that would add a south alternate to VOR Federal airway No. 68 between Junction, Tex., and San Antonio, Tex.

Interested persons may participate in the proposed rule making by submitting such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Southwest Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, Post Office Box 1689, Fort Worth, Tex. 76101. All communications received within 30 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. The proposal contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, D.C. 20590. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

The action proposed in this docket would add a south alternate between the Junction VORTAC and San Antonio VORTAC via the intersection of the Junction 144° T (134° M) and San Antonio 290° T (281° M) radials.

The proposed alternate is needed as an arrival route for aircraft landing at airports in the San Antonio area. At present, aircraft are cleared via various radials to provide a route similar to the proposed alternate. Designation of the proposed alternate route would facilitate air traffic handling and reduce controller verbiage.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348) and section 6(c) of the Department of Transportation Act (49 U.S.C. 1655(c)).

Issued in Washington, D.C., on November 6, 1970.

**H. B. HELSTROM,**  
*Chief, Airspace and Air Traffic Rules Division.*

[P.R. Doc. 70-15370; Filed, Nov. 13, 1970; 8:49 a.m.]

**[ 14 CFR Part 73 ]**

[Airspace Docket No. 70-CE-117]

**RESTRICTED AREA**

**Proposed Alteration**

The Federal Aviation Administration (FAA) is considering an amendment to Part 73 of the Federal Aviation Regulations that would alter Restricted Area R-4301 at Camp Ripley, Minn.

Interested persons may participate in the proposed rule making by submitting such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Central Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, 601 East 12th Street, Kansas City, Mo. 64106. All communications received within 30 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. The proposal contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, D.C. 20590. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

At present the designated altitudes and time of designation of R-4301 are as follows:

Surface to 27,000 feet MSL, May 1 through October 31; and surface to 14,500 feet MSL, Saturday and Sunday, November 1 through April 30, and from 1200 G.m.t. January 27, 1970, through 2100 G.m.t. January 29, 1970.

The proposal contained in this docket would amend the designated altitudes and time of designation to read as follows:

Surface to 27,000 feet MSL, May 1 through October 31; surface to 14,500 MSL, Saturday and Sunday, November 1 through April 30; and at other altitudes and times by NOTAM issued 24 hours in advance.

The Minnesota National Guard has a need to conduct training within R-4301 during winter months at times other than those presently designated. These times vary from year to year. The National Guard will need the restricted area continuously from January 23, 1971, through February 6, 1971, from the surface through 10,000 feet MSL.

The proposed inclusion of the NOTAM provision in the restricted area description would permit its activation by Notice to Airmen without resorting to rule-making action each year.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348) and section 6(c) of the Department of Transportation Act (49 U.S.C. 1655(c)).



Issued in Washington, D.C., on November 9, 1970.

H. B. HELSTROM,  
Chief, Airspace and Air  
Traffic Rules Division.

[F.R. Doc. 70-15367, Filed, Nov. 13, 1970;  
8:49 a.m.]

#### [ 14 CFR Part 75 ]

[Airspace Docket No. 70-EA-73]

### AREA HIGH ROUTE

#### Proposed Designation

The Federal Aviation Administration (FAA) is considering an amendment to Part 75 of the Federal Aviation Regulations that would designate an area navigation (RNAV) high route to be used between O'Hare International Airport, Ill., and LaGuardia Airport, N.Y.

Interested persons may participate in the proposed rule making by submitting such written data, views, or arguments as they may desire. Communications should identify the airspace docket number and be submitted in triplicate to the Director, Eastern Region, Attention: Chief, Air Traffic Division, Federal Aviation Administration, Federal Building, John F. Kennedy International Airport, Jamaica, N.Y. 11430. All communications received within 30 days after publication of this notice in the FEDERAL REGISTER will be considered before action is taken on the proposed amendment. The proposal contained in this notice may be changed in the light of comments received.

An official docket will be available for examination by interested persons at the Federal Aviation Administration, Office of the General Counsel, Attention: Rules Docket, 800 Independence Avenue SW., Washington, D.C. 20590. An informal docket also will be available for examination at the office of the Regional Air Traffic Division Chief.

Amendments to Parts 71 and 75 of the Federal Aviation Regulations were published in the FEDERAL REGISTER on July 1, 1970 (35 F.R. 10653), which established regulatory basis for the designation of specific area high and area low routes. The area high route proposed herein would provide properly equipped aircraft with an additional means of navigation between New York and Chicago.

If this action is taken, Part 75 of the Federal Aviation Regulations would be amended by designating the following area high route:

J-810R (CHICAGO, ILL., TO NEW YORK, N.Y.)

Waypoint name	VOR/DME description	Geographical coordinates
Orland.....	PMM 260.7M/85.0 NM.	Lat. 41°58'50" N., long. 87°53'55" W.
Kinderbrook.	PMM 129.0M/63.5 NM.	Lat. 41°47'38" N., long. 85°00'23" W.
Marble.....	CLE 330.0M/23.5 NM.	Lat. 41°29'28" N., long. 82°39'07" W.
Avis.....	P8B 972.0M/30.5 NM.	Lat. 41°07'46" N., long. 77°23'00" W.
Broadway .	SAX 229.6M/22.8 NM.	Lat. 40°48'29" N., long. 74°51'22" W.

This amendment is proposed under the authority of section 307(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1348) and section 6(c) of the Department of Transportation Act (49 U.S.C. 1655(c)).

Issued in Washington, D.C., on November 6, 1970.

H. B. HELSTROM,  
Chief, Airspace and Air  
Traffic Rules Division.

[F.R. Doc. 70-15368; Filed, Nov. 13, 1970;  
8:49 a.m.]

## CIVIL AERONAUTICS BOARD

[ 14 CFR Parts 212, 214, 217 ]

[Docket No. 22730; EDR-193]

### "WET-LEASE" CHARTER TRIPS BY FOREIGN AIR CARRIERS

#### Notice of Proposed Rule Making

NOVEMBER 9, 1970.

Notice is hereby given that the Civil Aeronautics Board has under consideration proposed amendments to Parts 212, 214, and 217 of its economic regulations (14 CFR Parts 212, 214, and 217). The proposals are designed to enable foreign air carriers to conduct "wet-lease" charters for other foreign air carriers without the necessity of obtaining a permit for such authority.

The principal features of the proposed amendments are described in the explanatory statement below and the proposed amendments are set forth in the proposed rules. The amendments are proposed under the authority of sections 204(a) and 402 of the Federal Aviation Act of 1958, as amended (72 Stat. 743, 757; 49 U.S.C. 1324, 1372).

Interested persons may participate in the proposed rule making through submission of twelve (12) copies of written data, views, or arguments pertaining thereto addressed to the Docket Section, Civil Aeronautics Board, Washington, D.C. 20428. All relevant material received on or before December 15, 1970, will be considered by the Board before taking final action on the proposed rule. Copies of such communications will be available for examination by interested persons in the Docket Section of the Board, Room 712, Universal Building, 1825 Connecticut Avenue NW., Washington, D.C., upon receipt thereof.

[SEAL]

HARRY J. ZINK,  
Secretary.

#### EXPLANATORY STATEMENT

In EDR-166, June 15, 1969, the Board issued a notice of proposed rule making to enact a new Part 218 of the economic regulations which would prohibit a foreign air carrier from furnishing an aircraft with crew ("wet lease") for the performance of air transportation operations of another foreign air carrier, unless the Board has issued the "lessor" a section 402 foreign air carrier permit authorizing such operations, or, upon application by the parties to the transaction,

the Board has issued an order disclaiming jurisdiction. A disclaimer would be warranted only where the applicants overcame the presumption that the wet lease arrangement constituted a charter arrangement under which the lessor is engaged in illegal foreign air transportation.

All foreign air carriers and foreign governments which filed comments opposed the rule. Among the chief objections is the fact that the Board can authorize a U.S. air carrier to wet lease by exemption without certificate amendment, whereas a foreign air carrier would be obligated to go through a time-consuming permit amendment proceeding in order to receive the same authority, thus allegedly unduly discriminating against the latter. The point is also made that where a proposed wet lease is of short duration, designed to solve a short-term equipment or crew shortage of the lessee and without significant implications for U.S. carriers, there appears to be no reason for the Board to assert jurisdiction and hold a hearing in which no competing carrier has any real interest.

The Board believes that there is considerable merit to the objections concerning the more burdensome procedures foreign air carriers must undertake in securing wet lease authority, as compared to U.S. carriers, although, as should be well known to the industry, the Board has no power to grant exemptions to foreign air carriers. The Board also recognizes that problems posed by present procedures have become aggravated by recent technological advances which have developed large capacity aircraft at enormous cost, such as the B-747. To efficiently utilize such equipment, carriers have sought to enter into interchange and equipment sharing arrangements with crew also being provided by the lessor. Through these arrangements the aircraft and crew of one carrier could temporarily be used: to carry the lessee's traffic where the lessor has no traffic rights; or to carry traffic on one segment of an overall route where either the lessor or lessee does not have traffic rights; or to carry traffic between origin and destination points where the traffic rights of the lessor and lessee are combined back-to-back; or to carry traffic between points between which both lessor and lessee hold traffic rights.

Recitation of the above types of arrangements is not to indicate that they would necessarily have Board sanction. Nevertheless, to generally meet the needs of foreign air carriers to conduct wet lease charters, which would not otherwise be authorized by their permits, under procedures comparable to those applicable to U.S. carriers, we propose to amend Parts 212 and 214 so as to permit such charters to be performed pursuant to a Statement of Authorization. In the case of emergency charters, however, no prior approval would be required. An emergency would not include such circumstances as cancellation of flights due to periodic overhaul of aircraft or delay in the delivery of newly acquired aircraft. Further, a foreign air carrier would be prohibited from providing emergency charter trips on three or more successive



calendar weeks without a Statement of Authorization. Applications for a Statement of Authorization to conduct wet lease charters would be served on the Federal Aviation Administration and each U.S. scheduled air carrier which is authorized to serve the same general area in which the proposed charter trips are to be performed. Such applications shall be filed with the Board at least 45 days in advance of the date of commencement of the proposed flights.<sup>1</sup>

The factors which the Board would consider in passing on such a statement are in the amendment to § 212.6 and new § 214.8 in the attached rule.<sup>2</sup> These standards include: Whether the nature of the arrangement and the benefits to be realized are such that the authority sought should be the subject of a bilateral agreement with the applicant's government; whether grant of the application would result in violation of the capacity provisions of a bilateral air transport agreement between the United States and a foreign government; and whether the lessor carrier owns and controls the lessee. Thus, the nature of an arrangement might be such that the lessor carrier may be getting substantial benefits of the authority granted another by a bilateral. And to approve such an arrangement might confer significant benefits which ought not to be granted except on a quid pro quo basis in bilateral negotiations. Further, these considerations could be aggravated where the lessor owns and controls the charterer. In addition, there may be instances where approval of a wet-lease arrangement would prejudice U.S. carriers. The standards therefore include provisions adopted from § 399.19 of the Policy Statements concerning wet leases by U.S. air carriers to foreign carriers: Viz, whether operations under the charter will have a significant adverse competitive impact on any U.S. carrier. And in making this determination, the Board will consider such factors as the relative size and financial strength of the U.S. air carriers and the foreign air carriers operating on the route; and whether the proposed operation will render uneconomic any U.S. carrier operations over the route.

It should be noted that the proposed amendments would apply not only to points not specified in permits, but also to wet lease operations between points named in permits. The Board has held that the right to operate the latter type of wet lease charter is not encompassed in the ordinary section 402 permit.<sup>3</sup> Accordingly, for the purposes of the proposed rules, wet lease charters operated

over the lessor's routes are regarded as off-route.<sup>4</sup>

The Board does not contemplate taking final action with respect to EDR-166 until completion of the instant rule-making proceeding.

PROPOSED RULES

It is proposed to amend Parts 212, 214, and 217 of the Board's economic regulations (14 CFR Parts 212, 214, and 217) as follows:

Part 212. 1. Amend the table of contents by adding a new § 212.8 as follows:

Sec. 212.8 Reports of emergency commercial charters for other direct air carriers.

2. Amend § 212.1(a) by revising the definition of "charter trip" so as to amend subparagraph (5) and add a new subparagraph (6), as follows:

§ 212.1 Definitions.

For the purposes of this part:

(a) "Charter trip" means \* \* \*

(5) By a direct air carrier, direct foreign air carrier, or surface carrier when such aircraft is engaged solely for the transportation of company personnel or company property;

(6) By a direct air carrier or direct foreign air carrier when such aircraft is engaged solely for the transportation of commercial traffic.

3. Amend § 212.4 to read as follows:

§ 212.4 Limitation on the operation of off-route charter trips.

A foreign air carrier shall not perform any off-route charter trip unless specific authority in the form of a Statement of Authorization to conduct such charter trip has been granted by the Board: *Provided, however*, That no Statement of Authorization shall be required for the performance of a charter trip as defined in § 212.1(a)(6) in cases of emergency: *Provided, also*, That emergency charters for commercial traffic shall be reported in accordance with § 212.8. An emergency charter within the meaning of this section shall not include such circumstances as cancellation of flights due to periodic overhaul of aircraft or delay in the delivery of newly acquired aircraft, and a foreign air carrier may not provide emergency charter trips on three or more successive calendar weeks for any single direct carrier without a Statement of Authorization.

4. Amend § 212.5 (a), (b), and (c) to read as follows:

§ 212.5 Statements of Authorization; application.

(a) Application for a Statement of Authorization shall be submitted on CAB Form 433 to the Civil Aeronautics Board, addressed to the attention of the Director, Bureau of Operating Rights. A copy of each application for the performance

of a charter transporting commercial traffic for another direct air carrier or direct foreign air carrier (as defined in § 212.1(a)(6)) shall be served upon the Federal Aviation Administration, marked for the attention of Director, Flights Standards Service, and each scheduled U.S. air carrier which is authorized to serve the same general area in which the proposed charter trips are to be performed. Upon a showing of good cause, such application may be transmitted by cablegram or telegram or may be made by telephone. Each applicant shall keep on file with the Director, Bureau of Operating Rights, a copy of its current standard form of charter agreement. Each application shall contain an abstract of the charter agreement setting forth the names and addresses of the operator, the charterer, and their agents, if any; a description of the proposed operations; type aircraft to be flown; and, if reciprocity has not previously been established or if any changes have occurred since the previous Board finding thereon, documentation to establish the extent to which the nation which is the domicile of the applicant grants a similar privilege with respect to U.S. air carriers. A true copy of the charter agreement actually consummated shall be transmitted to the Director, Bureau of Operating Rights, as soon as practicable, but in no event later than fifteen (15) days after consummation.

(b) Applications shall be filed with the Board at least 5 days in advance of the date of the commencement of the proposed flight, except that applications for authority to conduct payload cargo charters may be filed not less than 48 hours in advance of the proposed flight: *Provided, however*, That an application for the performance of a charter transporting commercial traffic for another direct air carrier or direct foreign air carrier (as defined in § 212.1(a)(6)) shall be filed with the Board at least 45 days in advance of the date of the commencement of the proposed flights. Upon a showing that good cause exists for failure to adhere to the above requirements and that waiver of these requirements is in the public interest, applications later submitted may be considered by the Board.

(c) Any party in interest may file a memorandum in support of or in opposition to the grant of an application within 7 days after service of the application. Such a memorandum shall set forth in detail the reasons why the party believes the application should be granted or denied and shall be accompanied by such data, including affidavits, which it is desired that the Board shall officially notice. Copies of the memorandum shall be served upon the foreign air carrier to whose application such memorandum is directed. Nothing in this subparagraph shall be deemed to preclude the Board from granting or denying an application when the circumstances so warrant without awaiting the filing of memorandum in support of or in opposition to the application.

<sup>1</sup> Section 212.5(c) does not specify when a memorandum in support of or in opposition to an application shall be filed, although Rule 6 of the rules of practice provides generally that responsive documents shall be filed within 7 days after service of the filing to which the responsive document is directed. To make this general requirement clearly applicable, § 212.5(c) will be appropriately amended, and the same filing date will, of course, appear in new § 214.7(d).

<sup>2</sup> An implementing reporting requirement would also be added to Part 217.

<sup>3</sup> See ALM Antillean Airlines, Order 69-2-5.

<sup>4</sup> Cf. § 207.1, definition of "On-route" and ER-375, Mar. 26, 1963.



5. Amended § 212.6(b) to read as follows:

§ 212.6 Issuance of Statement of Authorization.

(b) In passing upon the requirements of the public interest the Board will consider the following factors, among others:

(1) Where the application concerns the performance of off-route charter trips (other than for another direct air carrier or direct foreign air carrier as defined in § 212.1(a)(6)):

(i) Whether the foreign air carrier has previously conducted similar flights on a regular and frequent basis in relation to the regularity and frequency of its on-route charter, scheduled, and non-scheduled operations.

(ii) Whether the off-route charter was generated as a result of solicitation of individual members of the traveling public.

(iii) Whether the foreign air carrier or its agent or the charterer or its agent has previously violated any of the provisions of this part.

(2) Where the application concerns the performance of a charter trip or trips for the transportation of commercial traffic for another direct air carrier or direct foreign air carrier (as defined in § 212.1(a)(6)):

(i) Whether the foreign air carrier or its agent or the charterer or its agent has previously violated any of the provisions of this part or of Part 218 of this subchapter.

(ii) Whether operations under the charter will have a significant adverse competitive impact on any U.S. air carrier. In making this determination, the Board will consider such factors as: the relative size and financial strength of the U.S. air carriers and the foreign air carriers operating on the route; and whether the proposed operation will render uneconomic any U.S. carrier operations over the route.

(iii) Whether the nature of the arrangement and the benefits to be realized are such that the authority sought should be the subject of a bilateral agreement with the applicant's government.

(iv) Whether grant of the application would result in violation of the capacity provisions of a bilateral air transport agreement between the United States and a foreign government.

(v) Whether, and to what extent, the applicant owns and controls the charterer.

6. Add a new § 212.8 to read as follows:

§ 212.8 Reports of emergency charters for other direct foreign air carriers.

It shall be an express condition upon authority conferred in § 212.1(a)(6) that each foreign air carrier which performs an emergency charter transporting commercial passenger traffic for another direct carrier shall file a report with the Bureau of Operating Rights, within 30 days following each charter flight, containing the following information:

(a) Name of direct carrier performing the charter and the name of the direct

carrier for which the charter was performed;

(b) Date of flight or flights;  
(c) Points of origin and destination, and intermediate points, if any;  
(d) Number of passengers transported;

(e) Description of circumstances creating the emergency;

(f) Date of initial contact by the chartering carrier regarding the charter;

(g) Reasons why the traffic in question was not or could not be carried by other carriers certificated to serve the particular market.

Part 214. 7. Amend the table of contents by adding new §§ 214.7 and 214.8. As amended, the table of contents will read in pertinent part:

Sec.	
214.7	Statements of Authorization; application.
214.8	Issuance of Statement of Authorization.

8. Amend § 214.2 by revising the definition of "charter flight" with respect to § 214.2(b)(1)(i) and (2)(i), as follows:

§ 214.2 Definitions.

(b) "Charter flight" means air transportation performed by a direct foreign air carrier on a time, mileage, or trip basis where—

(1) The entire capacity of one or more aircraft has been engaged for the movement of persons and their personal baggage—

(i) By a person for his own use (including a direct air carrier or direct foreign air carrier when such aircraft is engaged solely for the transportation of company personnel and their personal baggage or of commercial passenger traffic);

(2) Less than the entire capacity of an aircraft has been engaged:

(i) By a person for his own use (including a direct air carrier or direct foreign air carrier when such aircraft is engaged solely for the transportation of company personnel and their personal baggage or of commercial passenger traffic).

9. Add a new § 214.7 to read as follows:

§ 214.7 Statements of Authorization; application.

(a) A foreign air carrier shall not perform any charter for the transportation of commercial passenger traffic for another direct air carrier or direct foreign air carrier (as defined in § 214.2(b)(1)(i) and (2)(i)) unless specific authority in the form of a Statement of Authorization to conduct such charter flights has been granted by the Board: *Provided, however,* That no Statement of Authorization shall be required for the performance of such charter flights in cases of emergency: *Provided, also,* That emergency charters shall be reported in accordance with § 214.5. An emergency

charter within the meaning of this section shall not include such circumstances as cancellation of flights due to periodic overhaul of aircraft or delay in the delivery of newly acquired aircraft, and a foreign air carrier may not provide emergency charter trips on three or more successive calendar weeks for any single direct carrier without a Statement of Authorization.

(b) Application for a Statement of Authorization shall be submitted on CAB Form 433 to the Civil Aeronautics Board, addressed to the attention of the Director, Bureau of Operating Rights. A copy of each application shall be served upon the Federal Aviation Administration, marked for the attention of Director, Flight Standards Service, and each scheduled U.S. air carrier which is authorized to serve the same general area in which the proposed charter trips are to be performed. Upon a showing of good cause, such application may be transmitted by cablegram or telegram or may be made by telephone. Each applicant shall keep on file with the Director, Bureau of Operating Rights, a copy of its current standard form of charter agreement. Each application shall contain an abstract of the charter agreement setting forth the names and addresses of the operator, the charterer, and their agents, if any; a description of the proposed operations; type aircraft to be flown; and, if reciprocity has not previously been established or if any changes have occurred since the previous Board finding thereon, documentation to establish the extent to which the nation which is the domicile of the applicant grants a similar privilege with respect to U.S. air carriers. A true copy of the charter agreement actually consummated shall be transmitted to the Director, Bureau of Operating Rights, as soon as practicable, but in no event later than 15 days after consummation.

(c) Applications shall be filed with the Board at least 45 days in advance of the date of the commencement of the proposed flights. Upon showing that good cause exists for failure to adhere to the above requirements and that waiver of these requirements is in the public interest, applications later submitted may be considered by the Board.

(d) Any party in interest may file a memorandum in support of or in opposition to the grant of an application within 7 days after service of the application. Such a memorandum shall set forth in detail the reasons why the party believes the application should be granted or denied and shall be accompanied by such data, including affidavits, which it is desired that the Board shall officially notice. Copies of the memorandum shall be served upon the foreign air carrier to whose application such memorandum is directed. Nothing in this subparagraph shall be deemed to preclude the Board from granting or denying an application when the circumstances so warrant without awaiting the filing of memorandum in support of or in opposition to the application.



(e) Except to the extent that the Board shall direct that such information be withheld from public disclosure as hereinafter specified, every application and its supporting documents filed pursuant to this section shall be open to public inspection, and notice thereof shall be published in the Board's Weekly List of Applications Filed. Any person may make written objection to the Board to the public disclosure of such information or any part thereof, stating the grounds for such objection. If the Board finds that disclosure of such information or part thereof, would adversely affect the interests of such person and is not required in the interest of the public, it will order that such information or part be so withheld.

10. Add new § 214.8 to read as follows:

**§ 214.8 Issuance of Statement of Authorization.**

(a) If the Board finds that the proposed charter trip or trips meet the requirements of this part, that the foreign nation which is the domicile of the applicant grants a similar privilege with respect to U.S. air carriers, and that

such charter trip or trips are otherwise in the public interest, it will issue a Statement of Authorization for the conduct of the trip or trips set forth in the application. Such Statement of Authorization may be withheld, conditioned or limited by the Board as the public interest may require.

(b) In passing upon the requirements of the public interest, the Board will consider the following things among others:

(i) Whether the foreign air carrier or its agents or the charterer or its agent has previously violated any of the provisions of this part or of Part 218 of this subchapter.

(ii) Whether operations under the charter will have a significant adverse competitive impact on any U.S. air carrier. In making this determination, the Board will consider such factors as: the relative size of and financial strength of the U.S. air carriers and the foreign air carriers operating on the route; and whether the proposed operation will render uneconomic any U.S. carrier's operations over the route.

(iii) Whether the nature of the arrangement and the benefits to be realized are such that the authority sought should

be the subject of a bilateral agreement with the applicant's government.

(iv) Whether grant of the application would result in violation of the capacity provisions of a bilateral air transport agreement between the United States and a foreign government.

(v) Whether, and to what extent, the applicant owns and controls the charterer.

*Part 217. 11. Amend § 217.6(b) by adding a new subparagraph (6) to read as follows:*

**§ 217.6 Reporting instructions.**

(b) Separate reports shall be filed for each of the below-named types of charters and the type shall be inserted opposite the caption "Type of Charter."

(6) Charter performed for another direct foreign air carrier, as defined in § 212.1(a)(6) or § 214.2(b)(1)(i), and (2)(1) of this chapter, whichever is applicable, except emergency charters reported under § 212.8 or § 214.5 of this chapter.

[P.R. Doc. 70-15359; Filed, Nov. 13, 1970; 8:48 a.m.]



# Notices

## DEPARTMENT OF THE INTERIOR

### Bureau of Land Management

[C-9504]

#### COLORADO

#### Notice of Classification of Public Lands for Multiple-Use Management

NOVEMBER 6, 1970.

1. Pursuant to the Act of September 19, 1964 (43 U.S.C. 1411-18), and to the regulations in 43 CFR Part 2400, the public lands within the area described below are hereby classified for multiple-use management. Publication of this notice has the effect of segregating all the described public lands from appropriation under the agricultural lands laws (43 U.S.C., Parts 7 and 9, 25 U.S.C. sec. 334), the Small Tract Act of June 1, 1938 as amended (43 U.S.C. 682 (a) and (b)); from sale under section 2455 of the Revised Statutes (43 U.S.C. 1171); townsites under Revised Statutes 2478, 2380-2389, as amended, 2391-2394, sections 1, 3, 4, 19 Stat. 392 as amended, section 16, 26 Stat. 1101, 26 Stat. 502, 32 Stat. 820; 43 U.S.C. 1201, 711-731; and state indemnity selections under sections 2275 and 2276 of the Revised Statutes, as amended August 27, 1958, and September 14, 1960 (43 U.S.C. 851, 852). In addition, they are segregated from disposal under the Recreation and Public Purposes Act of June 14, 1926, as amended (43 U.S.C. 869; 869-1 to 869-4) except as described in paragraph 4. Except as provided in paragraphs 1, 3, 4, and 5, the lands described shall remain open to all other forms of appropriation including the mining and mineral leasing laws; and exchanges under section 8 of the Taylor Grazing Act of June 28, 1934 (48 Stat. 1272; 43 U.S.C. 315g). As used herein "public lands" means any lands withdrawn or reserved under Executive Order No. 6910 of November 26, 1934 as amended, or within a grazing district established pursuant to the Act of June 28, 1934 (48 Stat. 1269) as amended, which are not otherwise withdrawn or reserved for a Federal use or purpose.

2. Comments were received during the 60 days following publication of the notice of proposed classification (F.R. Doc. 70-8435). The record showing reaction to the proposed notice of classification for multiple-use management made by members of the public is on file and can be examined in the Colorado Land Office, Denver, Colo. All comments concerning the proposed classification were carefully considered and evaluated.

The public lands classified are shown on maps on file in the Grand Junction District Office, Bureau of Land Management, Federal Building, Fourth and Rood, Grand Junction, Colo., the Craig District, White River resource Area

Headquarters, Meeker, Colo., and the Colorado Land Office, Bureau of Land Management, Federal Building, 19th and Stout Streets, Denver, Colo. 80202.

#### SIXTH PRINCIPAL MERIDIAN, COLORADO

T. 9 S., R. 94 W.  
 Sec. 2, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 3, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 4, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 5, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 6, lots 1, 2, 4, 5, and 6, S $\frac{1}{2}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 7, E $\frac{1}{2}$ ;  
 Sec. 8, N $\frac{1}{2}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 9;  
 Sec. 10, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 11, W $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 15, NW $\frac{1}{4}$ ;  
 Sec. 16, E $\frac{1}{2}$ NE $\frac{1}{4}$  and N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 17, NE $\frac{1}{4}$  and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 18, NE $\frac{1}{4}$ NE $\frac{1}{4}$  and W $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 21, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 22, E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 23, S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 24, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 25, N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 26, W $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 27, E $\frac{1}{2}$ E $\frac{1}{2}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ , and SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 28, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$ ;  
 Sec. 29, NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 30, lot 4, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 31, lots 1, 3, and 4, E $\frac{1}{2}$ , and E $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 32, W $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 33, N $\frac{1}{2}$ N $\frac{1}{2}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 34, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 35, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 36, E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 T. 10 S., R. 94 W.  
 Sec. 2, SW $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 5, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 6, lots 1, 2, 3, and 6, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 8, W $\frac{1}{2}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 9, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 15, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 16, NW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 17, NE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 19, lots 3 and 4;  
 Sec. 20, N $\frac{1}{2}$ SW $\frac{1}{4}$  and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 T. 8 S., R. 95 W.  
 Sec. 36, SW $\frac{1}{4}$  (Tract 49).  
 T. 9 S., R. 95 W.  
 Sec. 1, lots 1 and 2, S $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 11, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 12, NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 13, SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 14, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Secs. 15 and 16;  
 Sec. 19, lots 5, 6, 7, 8, and 9, Tract 40, and N $\frac{1}{2}$ N $\frac{1}{2}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 20, lots 1, 2, 3, 4, and 5, N $\frac{1}{2}$ N $\frac{1}{2}$ , and SW $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 21, lots 1, 2, 3, and 4, N $\frac{1}{2}$ N $\frac{1}{2}$ ;  
 Sec. 22, lots 1, 2, 3, 4, and 6, W $\frac{1}{2}$ NE $\frac{1}{4}$ , and NW $\frac{1}{4}$ ;  
 Sec. 23, NE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 24, N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 T. 10 S., R. 95 W.  
 Sec. 16, SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 26, E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 31, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 33, SE $\frac{1}{4}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 34, S $\frac{1}{2}$ N $\frac{1}{2}$  and S $\frac{1}{2}$ ;  
 Sec. 35, W $\frac{1}{2}$ ;  
 T. 8 S., R. 96 W.  
 Sec. 7, lots 1 and 7;  
 Sec. 8, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 17, NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 18, lots 3 and 4, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 19 and 20;  
 Sec. 28;  
 Sec. 29, W $\frac{1}{2}$ NE $\frac{1}{4}$  and W $\frac{1}{2}$ ;  
 Secs. 30 and 31;  
 Sec. 32, S $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 Sec. 33.  
 T. 9 S., R. 96 W.  
 Sec. 19, lot 9;  
 Sec. 27, N $\frac{1}{2}$ N $\frac{1}{2}$ , SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 28;  
 Sec. 29, N $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 30, lots 3, 4, 9, 10, and 12, and E $\frac{1}{2}$ ;  
 Sec. 31, lots 3, 4, 7, and 8, NE $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 32;  
 Sec. 33, lots 1 and 2, NW $\frac{1}{4}$ , and N $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 34, lots 2 and 3, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 T. 10 S., R. 96 W.  
 Sec. 3, lots 2 and 3, S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 4, lots 3 and 4 and SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 5, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 6, lots 1 and 2, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 8, SE $\frac{1}{4}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 Sec. 9, NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 10, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 11, NW $\frac{1}{4}$ SW $\frac{1}{4}$  and S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 12, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 14, NW $\frac{1}{4}$ NE $\frac{1}{4}$  and N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 15, N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 16, NW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 18, lot 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , and NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 21, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 22, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 23, NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 24, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 25, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 27, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 28, NE $\frac{1}{4}$  and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 29, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 32, NE $\frac{1}{4}$ NE $\frac{1}{4}$  and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 33, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ , and NE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 34, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ , and NW $\frac{1}{4}$ ;  
 Sec. 35, NW $\frac{1}{4}$ ;  
 T. 11 S., R. 96 W.  
 Sec. 2, lots 17, 18, 19, 20, 21, and 23 to 36, inclusive;  
 Sec. 3, lots 17 and 19 to 36, inclusive;  
 Sec. 4, lots 26, 29, and 30;  
 Sec. 6, lots 19, 20, and 21;  
 Sec. 9, W $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 T. 7 S., R. 97 W.  
 Sec. 17, lots 1, 2, 3, 4, 5, 6, 7, 8, and 9, west 33.21 chains of Tract 111, east 3.70 chains of Tract 103, and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 19, lots 5 to 14, inclusive, W $\frac{1}{2}$ NE $\frac{1}{4}$ , and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;



- Sec. 20, lots 1, 2, and 3, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 29;  
 Sec. 30, lots 5, 6, 7, 8, 9, and 10, and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 31, lots 5, 6, 7, 8, 9, and 10, NE $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 32, lots 1, 2 and 3, tract 58 and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 33, lots 1, 2, 4, 5, and 6, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 T. 8 S., R. 97 W.,  
 Sec. 3, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 4, lots 1, 2, and 3, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 5, lots 2, 3, and 4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 6, lots 1, 2, and 7, S $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 7, lots 1 and 2, and SE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 8;  
 Sec. 9, W $\frac{1}{2}$ NW $\frac{1}{4}$  and S $\frac{1}{2}$ ;  
 Sec. 10, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 13, SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Secs. 15 and 16;  
 Sec. 17, N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 18, lots 1, 2, 3, and 4, E $\frac{1}{2}$ W $\frac{1}{2}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 19, lots 1, 2, 3, and 4, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 20, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 21, NE $\frac{1}{4}$  and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 22, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 23, W $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 24, E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 25, N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 26, E $\frac{1}{2}$ E $\frac{1}{2}$  and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 27, NW $\frac{1}{4}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 29, NW $\frac{1}{4}$ ;  
 Sec. 30, lots 1, 2, 3, and 4, NE $\frac{1}{4}$ , and E $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 31;  
 Sec. 32, N $\frac{1}{2}$ NW $\frac{1}{4}$  and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 35, E $\frac{1}{2}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 36, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$ ;  
 T. 9 S., R. 97 W.,  
 Secs. 1 and 2;  
 Sec. 3, lot 1 and SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 5, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 6;  
 Sec. 7, lots 1, 2, and 3, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 8, NW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Secs. 11 and 12;  
 Sec. 13, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$  except patent 573701;  
 Sec. 14, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 15, S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 16, S $\frac{1}{2}$ NW $\frac{1}{4}$  and SW $\frac{1}{4}$ ;  
 Sec. 17, S $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 18, lots 2, 3, and 4, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 19, lots 1, 2, and 3;  
 Sec. 20, E $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 21, E $\frac{1}{2}$ NE $\frac{1}{4}$  and NW $\frac{1}{4}$ ;  
 Sec. 22, W $\frac{1}{2}$  and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 23, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 24, NW $\frac{1}{4}$ NE $\frac{1}{4}$  except patent 573701, E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 25, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 26, E $\frac{1}{2}$ E $\frac{1}{2}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 27, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 28, S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 29;  
 Sec. 30, lot 2;  
 Sec. 31, SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 32, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 33, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , and W $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 34, N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 35, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 36, N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 T. 10 S., R. 97 W.,  
 Sec. 1, lots 1, 2, 3, and 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 2, lots 1 and 2, S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$ ;  
 Sec. 4, lots 3 and 4;  
 Sec. 5, lots 3 and 4, and S $\frac{1}{2}$ ;  
 Sec. 6, lots 3, 4, 5, and 6, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 7, S $\frac{1}{2}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 Sec. 8, N $\frac{1}{2}$  and SW $\frac{1}{4}$ ;  
 Sec. 9, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 10, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 11, N $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 12, W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 13, N $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 14, NE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 15, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 16, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 17, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 18, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$  except patent 1137886;  
 Sec. 19, lots 1, 2, 3, and 4, W $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and SE $\frac{1}{4}$ ;  
 Sec. 20, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 21;  
 Sec. 22, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 23, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 24, W $\frac{1}{2}$ NE $\frac{1}{4}$ ; E $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 26, N $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 27, E $\frac{1}{2}$  and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 28, W $\frac{1}{2}$ NW $\frac{1}{4}$  and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Secs. 29, 30, 31 and 32;  
 Sec. 33, S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Secs. 34 and 35;  
 Sec. 36, W $\frac{1}{2}$ W $\frac{1}{2}$  and E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 T. 11 S., R. 97 W.,  
 Sec. 1, lots 17 to 25, inclusive, 28, 29, and 32;  
 Sec. 2, lots 17 to 32, inclusive;  
 Sec. 3, lots 1 to 16, inclusive, 19 and 20;  
 Sec. 4, lots 1 to 13, inclusive;  
 Sec. 5, lots 1 to 16, inclusive;  
 Sec. 6;  
 Sec. 7, lots 1, 2, 3, and 4, NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 9, SW $\frac{1}{4}$ NW $\frac{1}{4}$  and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 18, lots 1, 2, 3, and 4, W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 19, lots 1 and 2, N $\frac{1}{2}$ NE $\frac{1}{4}$ , and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 T. 7 S., R. 98 W.,  
 Sec. 4, lot 4, S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 9, NE $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 10, E $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 11, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 14, E $\frac{1}{2}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 15, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 16, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 17, NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 18, lots 1 and 2, NE $\frac{1}{4}$ , and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 23, W $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 24, N $\frac{1}{2}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 25, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 26;  
 Sec. 36, W $\frac{1}{2}$ W $\frac{1}{2}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 T. 8 S., R. 98 W.,  
 Secs. 1, 2, 3, 4, and 5;  
 Sec. 6, lots 1, 2, 3, 5, 6, and 7, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 7, lots 1, 2, 3, and 4, E $\frac{1}{2}$ W $\frac{1}{2}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 8, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 9, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and SE $\frac{1}{4}$ ;  
 Sec. 10, N $\frac{1}{2}$ N $\frac{1}{2}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 11, N $\frac{1}{2}$  and S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 12, N $\frac{1}{2}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Secs. 13 to 17, inclusive;  
 Sec. 18, lot 4, E $\frac{1}{2}$ , and E $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Secs. 19 to 36, inclusive.  
 T. 9 S., R. 98 W.,  
 Secs. 1 to 18, inclusive;  
 Sec. 19, lots 1 and 2, E $\frac{1}{2}$ , and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Secs. 20 to 24, inclusive;  
 Sec. 25, N $\frac{1}{2}$ , SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Secs. 26, 27, and 28;  
 Sec. 29, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 30, lots 2, 3, and 4, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 31;  
 Sec. 32, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Secs. 33, 34, and 35;  
 Sec. 36, W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 T. 10 S., R. 98 W.,  
 Sec. 1, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 2, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 3, lots 1, 2, 3, and 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Secs. 4 to 9, inclusive;  
 Sec. 10, W $\frac{1}{2}$  and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 11, E $\frac{1}{2}$  and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 12, N $\frac{1}{2}$ N $\frac{1}{2}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 13, NE $\frac{1}{4}$  and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 14 to 21, inclusive;  
 Sec. 22, W $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 23, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 24, S $\frac{1}{2}$ N $\frac{1}{2}$  and S $\frac{1}{2}$ ;  
 Sec. 25;  
 Sec. 26, E $\frac{1}{2}$ ;  
 Sec. 27, E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 28, W $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Secs. 29, 30, 31, and 32;  
 Sec. 33, NW $\frac{1}{4}$  and N $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 35, lots 1, 2, 3, and 4, NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , and E $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 36.  
 T. 11 S., R. 98 W.,  
 Sec. 1, lots 4 thru 20, inclusive, and SW $\frac{1}{4}$ ;  
 Sec. 2, lot 10, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 4, lots 1 thru 6, inclusive, and 9 thru 12, inclusive;  
 Sec. 5, lots 1 thru 11, inclusive, 13, 14, 15, and 16;  
 Sec. 6, lots 1 thru 8, inclusive, 10, 11, 12, 14, 15, and 16, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 11, lots 4, 5, 6, 7, 8, and 9, NE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 12;  
 Sec. 13, all lying north of Rapid Creek Divide;  
 Sec. 14, all lying north of Rapid Creek Divide;  
 Sec. 24, those portions lying north of Rapid Creek Divide.  
 T. 7 S., R. 99 W.,  
 Sec. 13, lots 1 and 2, W $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 14, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and SE $\frac{1}{4}$ ;  
 Secs. 15, 22, 23, and 24;  
 Sec. 25, lot 1, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 26, lots 1, 2, 3, 4, 5, 6, and 7, E $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 27, lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;



- Sec. 28, lots 4, 5, and 6, S $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 29, lot 1, N $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 30, lots 5, 6, 7, 8, 9, and 12, and N $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 31, lots 5, 6, 7, 8, 9, 10, 11, 12, and 13, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 32, lots 1, 2, 3, and 4, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , and N $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 33, lots 1, 2, and 3, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 34, lots 1, 2, 3, and 6, and E $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 35, lots 1, 3, and 4;  
 Sec. 36, lots 1, 2, 3, 4, 5, and 6, and N $\frac{1}{2}$ NE $\frac{1}{4}$ .
- T. 8 S., R. 99 W.,  
 Sec. 1, lots 5, 6, 7, 8, 9, and 10, SW $\frac{1}{4}$ NW $\frac{1}{4}$ , and SW $\frac{1}{4}$ ;  
 Sec. 2, lots 5 thru 12, inclusive, S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Secs. 7 and 8;  
 Sec. 9, lots 1 and 2, N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Secs. 10, 11, and 12;  
 Sec. 13, lots 1, 2, 3, 4, 5, 6, and 7, and S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 14, lots 1, 2, 3, 4, 5, 6, 7, and 8, N $\frac{1}{2}$ NW $\frac{1}{4}$ ;  
 Sec. 15, lots 1, 2, 3, 4, 5, and 6, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 16, lots 1 thru 10, inclusive, E $\frac{1}{2}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 17, lots 1 thru 8, inclusive, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 18, lots 5 thru 18, inclusive, 20 thru 24, E $\frac{1}{2}$ SW $\frac{1}{4}$  and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 19;  
 Sec. 20, lots 1, 2, 3, 4, 5, and 6, W $\frac{1}{2}$ W $\frac{1}{2}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 21, lots 1 thru 7, inclusive, and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 22, lots 1 thru 8, inclusive, N $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 23, lots 1 thru 5, inclusive, NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Secs. 24 and 25;  
 Sec. 26, lots 1 thru 6, inclusive, NE $\frac{1}{4}$ NE $\frac{1}{4}$ ; S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 27, lots 1, 2, 3, and 4, and S $\frac{1}{2}$ ;  
 Sec. 28, lots 1 thru 5, inclusive, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and S $\frac{1}{2}$ ;  
 Sec. 29, lots 1 and 2, W $\frac{1}{2}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 30, 31, 32, 33, 34, 35, and 36.
- T. 9 S., R. 99 W.,  
 Secs. 1 to 23, inclusive;  
 Sec. 24, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 25, W $\frac{1}{2}$  and SE $\frac{1}{4}$ ;  
 Secs. 26, 27, 28, 29, and 30;  
 Sec. 31, lot 4, E $\frac{1}{2}$ , and SE $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Secs. 32, 33, 34, 35, and 36.
- T. 10 S., R. 99 W.,  
 Secs. 1 to 5, inclusive;  
 Sec. 6, lots 1 to 5, inclusive, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 7, N $\frac{1}{2}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 8, N $\frac{1}{2}$  and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 9 thru 14;  
 Sec. 15, lots 1 thru 6, inclusive;  
 Sec. 16, lots 1 and 2;  
 Sec. 17, lot 1;  
 Sec. 22, lots 1 thru 4, inclusive;  
 Secs. 23, 24, 25, and 26;  
 Sec. 27, lots 1 thru 4, inclusive;  
 Sec. 34, lots 1 thru 4, inclusive;  
 Secs. 35 and 36.
- T. 11 S., R. 99 W.,  
 Sec. 1, lots 6 to 11, inclusive, and unsurveyed portion of fractional sec. 1, and Sec. 2, unsurveyed fractional portion.
- T. 7 S., R. 100 W.,  
 Sec. 7, lots 5, 6, 7, and 8;  
 Sec. 8, lots 1 thru 6, E $\frac{1}{2}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SW $\frac{1}{4}$ ;
- Sec. 17, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$ ;  
 Sec. 18, lots 5, 6, 7, and 8, NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 19;  
 Sec. 22, lots 1, 2, 3, 4, 6, lots A, D, and east 13 chains of lot C of Tract 37, W $\frac{1}{2}$  of lot C, lots D, E, F, and E $\frac{1}{2}$  of lot J, lots K, L, M, and W $\frac{1}{2}$  of lot north of Tract 48, and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 25, lots 1 thru 8, S $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 26, lots 1 thru 5, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 27;  
 Sec. 28, lots 1, 2, 3, S $\frac{1}{2}$ NW $\frac{1}{4}$  and S $\frac{1}{2}$ ; and SE $\frac{1}{4}$ ;  
 Sec. 29, lots 1 thru 5, N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 Sec. 30, lots 5 thru 10, NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 35, lots 1 thru 4, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , and N $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 36.
- T. 8 S., R. 100 W.,  
 Sec. 4, lots 1 thru 4, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ S $\frac{1}{2}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 7, lot 1, E $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 8;  
 Sec. 9, N $\frac{1}{2}$ N $\frac{1}{2}$  and S $\frac{1}{2}$ S $\frac{1}{2}$ ;  
 Sec. 10, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 11, N $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 12, lots 1, 2, 3, NW $\frac{1}{4}$  and N $\frac{1}{2}$ SW $\frac{1}{4}$ ;  
 Sec. 14, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , W $\frac{1}{2}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 15, E $\frac{1}{2}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 16, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 22, N $\frac{1}{2}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 23, S $\frac{1}{2}$ N $\frac{1}{2}$  and S $\frac{1}{2}$ ;  
 Sec. 24, lots 2, 3, 4, and W $\frac{1}{2}$ ;  
 Secs. 25 and 26;  
 Sec. 27, E $\frac{1}{2}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 Sec. 32, lot 4;  
 Sec. 33, lots 1, 2, 3, and 4;  
 Sec. 34, lots 1, 2, 3, and 4, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 35 and 36.
- T. 9 S., R. 100 W.,  
 Sec. 1;  
 Sec. 2, lots 1 thru 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , and S $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 3, lots 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 4, lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Sec. 9, E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ ;  
 Sec. 10, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;  
 Secs. 11, 12 and 13;  
 Sec. 14, N $\frac{1}{2}$ , SW $\frac{1}{4}$ , and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 15;  
 Sec. 16, NE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 21, NE $\frac{1}{4}$ NE $\frac{1}{4}$ ;  
 Sec. 22, N $\frac{1}{2}$ N $\frac{1}{2}$ ;  
 Sec. 23, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Secs. 24 and 25;  
 Sec. 26, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 35, E $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
 Sec. 36, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$ .
- T. 10 S., R. 100 W.,  
 Sec. 1, NE $\frac{1}{4}$ NE $\frac{1}{4}$ .
- T. 7 S., R. 101 W.,  
 Sec. 25;  
 Sec. 26, E $\frac{1}{2}$ E $\frac{1}{2}$ ;  
 Sec. 36, lots 2, 3, 4, N $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ .
- T. 8 S., R. 101 W.,  
 Sec. 1, lot 1.
- UTE PRINCIPAL MERIDIAN, COLORADO  
 T. 1 N., R. 1 E.,  
 Secs. 1 and 2;  
 Sec. 3, lot 1, S $\frac{1}{2}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ ;
- Sec. 10, N $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 11, 12, and 13;  
 Sec. 14, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;  
 Sec. 24, NE $\frac{1}{4}$  and NE $\frac{1}{4}$ NW $\frac{1}{4}$ .
- The public lands described above aggregate approximately 236,724 acres.
2. As provided in paragraph 1, all public lands within the following townships are further segregated from disposal under the Recreation and Public Purposes Act of June 14, 1926, as amended (43 U.S.C. 869; 869-1 to 869-4).
- SIXTH PRINCIPAL MERIDIAN, COLORADO  
 T. 7 S., R's. 97 W. thru 101 W.,  
 T. 8 S., R. 97 W.,  
 Secs. 3 thru 10,  
 T. 8 S., R. 98 W.,  
 Secs. 1 thru 12.
- The public lands described above aggregate approximately 33,193 acres.
3. As provided in paragraph 1, the public lands in the following townships shall remain open to disposition under section 2455 of the Revised Statutes (43 U.S.C. 1171) and the Act of Sept. 26, 1968 (43 U.S.C. 1431-1435 (Supp. IV, 1968)).
- SIXTH PRINCIPAL MERIDIAN, COLORADO  
 T. 7 S., R's. 97 thru 101 W.,  
 T. 8 S., R. 97 W.,  
 Secs. 3 thru 10,  
 T. 8 S., R. 98 W.,  
 Secs. 1 thru 12.
- The public lands described above aggregate approximately 33,193 acres.
4. As provided in paragraph 1, the following public lands are further segregated from location and entry under the general mining laws (30 U.S.C. Ch. 2) and the Materials Act of July 31, 1947, as amended.
- SIXTH PRINCIPAL MERIDIAN, COLORADO  
 T. 8 S., R. 96 W.,  
 Sec. 7, lots 1 and 7;  
 Sec. 8, SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 Sec. 18, lot 3, SE $\frac{1}{4}$ NW $\frac{1}{4}$  and NE $\frac{1}{4}$ SW $\frac{1}{4}$ .  
 T. 8 S., R. 97 W.,  
 Sec. 13, SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 Sec. 23, SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;  
 Sec. 24, E $\frac{1}{2}$ NW $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$ .  
 T. 8 S., R. 100 W.,  
 Sec. 34, lot 4 and NE $\frac{1}{4}$ SE $\frac{1}{4}$ .  
 T. 9 S., R. 100 W.,  
 Sec. 3, lots 1 and 2.
- The public lands described above aggregate approximately 531 acres.
6. For a period of 30 days from date of publication in the FEDERAL REGISTER, this classification shall be subject to the exercise of administrative review and modification by the Secretary of the Interior as provided for in 43 CFR 2461.3. For a period of 30 days, interested parties may submit comments to the Secretary of the Interior, LLM, 320, Washington, D.C. 20240.
- E. I. ROWLAND,  
 State Director.
- [F.R. Doc. 70-15279; Filed, Nov. 13, 1970; 8:45 a.m.]



# DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

## Food and Drug Administration

[Docket No. FDC-D-181; NDA 3-911, etc.]

### SULFAGUANIDINE

#### Notice of Withdrawal of Approval of New-Drug Applications

On June 5, 1970, there was published in the FEDERAL REGISTER (35 F.R. 8754) a notice of opportunity for hearing in which the Commissioner of Food and Drugs proposed to issue an order under the provisions of section 505(e) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 355(e)) withdrawing approval of the above new-drug applications and all amendments and supplements thereto on the grounds that the new information with respect to such drug, evaluated together with the information available when the applications were approved, shows there is a lack of substantial evidence that the drug will have the effect it is represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof.

The following firms, listed with their addresses, respective drug, and new-drug application number, have waived opportunity for hearing on the proposed withdrawal of said new-drug applications, in that no response has been received.

NDA No.	Drug name	Applicant's name and address
3-912	Sulfaguanidine powder.	Calco Chemical Co., Division of American Cyanamid Co., Bound Brook, N.J.
3-908	do	E. R. Squibb & Sons, 909 Third Ave., New York, N.Y. 10022.
4-314	Sulfaguanidine tablets 0.5 grams.	Parks Davis & Co., Holland, Mich. 48232.

On June 24, 1969, Lederle Laboratories, Division of American Cyanamid Co., Pearl River, N.Y. 10965, holder of new-drug application number 3-911, sulfaguanidine tablets 0.5 gram, proposed that sulfaguanidine be considered as an alternate choice of antimicrobial therapy in ulcerative colitis when salicylazosulfapyridine is not tolerated. The Commissioner concluded that Lederle's submission contained no new information providing substantial evidence of effectiveness for either this condition or use for any other condition of use for this drug. Lederle Laboratories, having failed to file any data to support its request, the Commissioner of Food and Drugs, concludes that there are no genuine or substantial issues of fact to justify a hearing (35 F.R. 7250; May 8, 1970).

The Commissioner of Food and Drugs, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505(e), 52 Stat. 1052, as amended; 21 U.S.C. 355(e)) and under authority delegated to him (21 CFR 2.120), finds that on the basis of new information before him with respect to each of said drugs, evaluated

together with the evidence available to him when each application was approved there is a lack of substantial evidence that each of the drugs will have the effect it purports or is represented to have under the conditions of use prescribed, recommended, or suggested in the labeling thereof.

Therefore, pursuant to the foregoing findings, approval of the above new-drug applications, and all amendments and supplements thereto, is withdrawn effective on the date of the signature of this document.

Dated: November 2, 1970.

SAM D. FINE,  
Associate Commissioner  
for Compliance.

[F.R. Doc. 70-15325; Filed, Nov. 13, 1970;  
8:45 a.m.]

[Docket No. FDC-D-254; NDA 4-494, etc.]

### CERTAIN SULFONAMIDE OPHTHALMIC OINTMENTS, OPHTHALMIC CREAMS, AND OPHTHALMIC SOLUTIONS

#### Notice of Withdrawal of Approval of New-Drug Applications

In a notice (DESI 5963) published in the FEDERAL REGISTER of September 10, 1969 (34 F.R. 14248-14250), the Commissioner of Food and Drugs announced his conclusions pursuant to evaluation of reports received from the National Academy of Sciences-National Research Council, Drug Efficacy Study Group, on the subject drugs, stating that these ophthalmic drugs were regarded as possibly effective for: the treatment of infections of the eye socket, blepharitis, blepharo-conjunctivitis, dacryocystitis, styes, and other common eye and eyelid infections; for prophylactic use following corneal abrasions, lacerations, burns, removal of foreign bodies, and before and after surgery; and for treatment of superficial punctate keratitis, staphylococcal conjunctivitis, chronic catarrhal conjunctivitis, acid streptococcus hemolyticus infections, and staphylococcal and sebaceous blepharitis.

The drugs have been reclassified as lacking substantial evidence of effectiveness for these indications in that no new evidence of effectiveness has been submitted within the period allowed for obtaining and submitting substantial evidence.

The holders of the following new-drug applications have requested withdrawal of approval of their new-drug applications and have thereby waived their opportunity for hearing:

1. NDA 4-494 Sulfathiazole Ophthalmic Ointment and Ophthalmic Cream; each containing sulfathiazole; previously marketed by Abbott Laboratories, Inc., 14th and Sheridan Road, North Chicago, Ill. 60064.

2. NDA 4-752 Sulfanilimide Ophthalmic Cream; containing sulfanilimide; previously marketed by Abbott Laboratories.

3. NDA 5-278 Sulfo-Opto Ophthalmic Solution; containing sulfathiazole and desoxyephedrine; previously marketed by Abbott Laboratories.

4. NDA 5-513 Westhiazole Ophthalmic Ointment; containing sulfathiazole; previously marketed by Westwood Pharmaceuticals, Division Foster-Milburn Co., 468 Dewitt Street, Buffalo, N.Y. 14213.

5. NDA 5-326 Westhiazole ENT; containing sulfathiazole; previously marketed by Westwood Pharmaceuticals.

6. NDA 4-551 Sulfathiazole Ophthalmic Ointment; containing sulfathiazole; previously marketed by Dorsey Laboratories, Incorporated, Division Sandoz-Wander, Inc., Northeast, U.S. 6 Interstate 80, Lincoln, Nebr. 68501.

7. NDA 5-027 Zinc Sulfathiazole Ointment; containing zinc sulfathiazole; previously marketed by E. R. Squibb and Sons, Inc., Georges Road, New Brunswick, N.J. 08903.

8. NDA 5-331 Sulmefrin Ophthalmic Solution; containing sodium sulfathiazole, sodium sulfadiazine, and desoxyephedrine; previously marketed by E. R. Squibb and Sons.

The Commissioner of Food and Drugs, pursuant to provisions of the Federal Food, Drug, and Cosmetic Act (sec. 505(e), 52 Stat. 1053, as amended; 21 U.S.C. 355(e)) and under authority delegated to him (21 CFR 2.120), finds on the basis of new information, evaluated together with the evidence available when the applications were approved, that there is a lack of substantial evidence that the above listed drugs will have all the effects they purport or are represented to have under the conditions of use prescribed, recommended, or suggested in their labeling.

Therefore, pursuant to the foregoing finding, approval of the listed new-drug applications, and all amendments and supplements applying thereto, is withdrawn effective on the date of signature of this document.

Dated: November 2, 1970.

SAM D. FINE,  
Associate Commissioner  
for Compliance.

[F.R. Doc. 70-15326; Filed, Nov. 13, 1970;  
8:45 a.m.]

[Docket No. FDC-D-111; NDA 14-241]

### UNIMED, INC.

#### Serc Tablets; Notice of Order Withdrawing Approval of New-Drug Application and Refusal To Approve All Supplements

A Notice of Opportunity for Hearing on the proposal of the Commissioner of Food and Drugs to withdraw approval of new-drug application No. 14-241 for Serc Tablets, and all amendments and supplements thereto, and to refuse approval of all supplements pending thereto was published in the FEDERAL REGISTER of July 17, 1968 (33 F.R. 10228). Subsequently, a hearing was held, written briefs were filed, oral argument was held, and tentative findings of fact and a tentative order



were filed by the Hearing Examiner to which exceptions were filed.

The Commissioner of Food and Drugs has filed, and has had served upon the applicant, rulings upon the exceptions, findings of fact, and drug application No. 14-241, and all amendments and supplements thereto and refusing to approve all supplements pending thereto.

Dated: November 6, 1970.

CHARLES C. EDWARDS,

Commissioner of Food and Drugs.

[F.R. Doc. 70-15415; Filed, Nov. 13, 1970;  
8:51 a.m.]

[Docket No. FDC-D-111; NDA 14-241]

#### UNIMED, INC.

#### Serc Tablets; Order Regarding Petition

In the matter of Serc Tablets, Unimed, Inc., Docket No. FDC-D-111, NDA 14-241.

On May 13, 1970, respondent, Unimed, Inc., filed with the Commissioner of Food and Drugs, a petition requesting that this proceeding be held in abeyance pending filing and decision on respondent's request for a hearing on modification of various parts of the agency's regulations describing the scientific content of adequate and well-controlled clinical investigations (May 8, 1970; 35 F.R. 7250) and a petition, pursuant to 21 CFR 130.12, for waiver of various provisions of the regulations in respect to the clinical investigations relied upon by respondent in this proceeding. On June 3, 1970, a request for a hearing on the applicability of the regulations and on modification of the regulations was filed.

As grounds, respondent states in pertinent part that § 130.12 of the regulations provides for a waiver of any criteria of an adequate and well-controlled clinical investigation upon application to the Director of the Bureau of Drugs by any person adversely affected by application of the criteria; that the provisions for the effective date of the regulations allow any company adversely affected to request a hearing on modification or elimination of any of the criteria set forth in § 130.12 within 30 days of May 8, 1970; and that since the clinical investigations relied upon were completed before the regulations were proposed and the withdrawal proceeding on respondent's NDA was completed, a number of issues concerning the applicability of the regulations to this proceeding must be resolved before the Commissioner can make a determination in this proceeding.

The Commissioner has considered respondent's petition and concluded that it must be denied. The reasons are:

1. Respondent had ample opportunity for comment upon the regulations. Notice of proposed rule making to amend § 130.12 was published in the FEDERAL REGISTER on February 17, 1970, and the time for comment was extended to April 18, 1970. For whatever reason, respondent did not submit comment during that time.

2. The provisions of the order (35 F.R. 7250) made the regulations immediately

effective. Individual companies with products involved in notices of proposed withdrawal of approval were given 30 days from May 8, 1970, to request hearings under the regulations for those products pursuant to the provisions of § 130.14, not 30 days to request a hearing on the regulations themselves. Respondent has misconceived the provisions of the order.

3. Application to the Director of the Bureau of Drugs for a waiver of the provisions of § 130.12 would serve no useful purpose. Respondent has been provided a full hearing, during the course of which, as well as in written briefs, its position relative to the requirements of an adequate and well-controlled clinical investigation of Serc in patients with vertigo associated with Meniere's Syndrome has been fully presented.

4. Any final order in respect to this proceeding must be based upon the evidence of record. The regulations specifying the scientific content of adequate and well-controlled clinical investigations are a correct administrative articulation of the congressional definition of "substantial evidence" found in section 505 (d) of the Act, 21 U.S.C. 355(d). The evidence of record concerning respondents' clinical investigations must necessarily be viewed in the light of the statutory standard of substantial evidence as elucidated in the regulations.

For the foregoing reasons the petition of respondent to hold this proceeding in abeyance is hereby denied.

CHARLES C. EDWARDS,  
Commissioner of Food and Drugs.

NOVEMBER 6, 1970.

[F.R. Doc. 70-15416; Filed, Nov. 13, 1970;  
8:51 a.m.]

## ATOMIC ENERGY COMMISSION

[Docket No. 50-170]

### ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE

#### Notice of Issuance of Amendment to Facility License

The Atomic Energy Commission (the Commission) has issued, effective as of the date of issuance, Amendment No. 14 to Facility License No. R-84, dated June 26, 1962. The license authorizes the Armed Forces Radiobiology Research Institute to possess, use and operate the TRIGA Mark F tank-type nuclear reactor located on the National Naval Medical Center site in Bethesda, Md., at power levels up to 1,000 kilowatts (thermal). The amendment extends the expiration date to November 8, 1980.

The Commission has found that the application for the amendment complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations published in 10 CFR Chapter I. The Commission has made the findings required by the Act and the Commission's regulations which are set forth in the amendment, and has concluded that the

issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Within fifteen (15) days from the date of publication of the notice in the FEDERAL REGISTER, the applicant may file a request for a hearing and any person whose interest may be affected by this proceeding may file a petition for leave to intervene. Requests for a hearing and petitions to intervene shall be filed in accordance with the Commission's rules of practice in 10 CFR Part 2. If a request for a hearing or a petition for leave to intervene is filed within the time prescribed in this notice, the Commission will issue a notice of hearing or an appropriate order.

For further details with respect to this amendment, see (1) the licensee's application for license amendment dated August 14, 1970, and (2) the amendment to the facility license, which are available for public inspection at the Commission's Public Document Room at 1717 H Street NW., Washington, D.C. Copies of the amendment may be obtained upon request sent to the Atomic Energy Commission, Washington, D.C. 20545, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Md., this 4th day of November 1970.

For the Atomic Energy Commission.

DONALD J. SKOVHOLT,  
Assistant Director for Reactor  
Operations, Division of Re-  
actor Licensing.

[F.R. Doc. 70-15337; Filed, Nov. 13, 1970;  
8:46 a.m.]

## CIVIL AERONAUTICS BOARD

[Docket No. 22572]

### GERMANAIR BEDARFLUFTFAHRT GESELLSCHAFT M.B.H. & CO. KG.

#### Notice of Hearing

Notice is hereby given, pursuant to the provisions of the Federal Aviation Act of 1958, as amended, that a hearing in the above-entitled proceeding will be held on December 1, 1970, at 10 a.m., e.s.t., in Room 503, Universal Building, 1825 Connecticut Avenue NW., Washington, D.C., before the undersigned examiner.

For information concerning the issues involved and other details in this proceeding, interested persons are referred to the Report of Prehearing Conference, served November 10, 1970, and other documents which are in the docket of this proceeding on file in the Docket Section of the Civil Aeronautics Board.

Dated at Washington, D.C., November 10, 1970.

[SEAL] EDWARD T. STODOLA,  
Hearing Examiner.

[F.R. Doc. 70-15357; Filed, Nov. 13, 1970;  
8:48 a.m.]



[Docket No. 20693; Order 70-11-37]

**INTERNATIONAL AIR TRANSPORT ASSOCIATION****Order Regarding Specific Commodity Rates**

Issued under delegated authority November 9, 1970.

An agreement has been filed with the Board pursuant to section 412(a) of the Federal Aviation Act of 1958 (the Act) and Part 261 of the Board's economic regulations, between various air carriers, foreign air carriers, and other carriers, embodied in the resolutions of the Joint Conferences of the International Air Transport Association (IATA), and adopted pursuant to the provisions of Resolution 590 dealing with specific commodity rates.

The agreement, adopted pursuant to unopposed notices to the carriers and promulgated in an IATA letter dated October 29, 1970, names additional specific commodity rates, as set forth below, which reflect significant reductions from the general cargo rates.

R-33:

Commodity Item No. 8280—Phonograph Records and Recording Tape, 195 cents per kg.; minimum weight 300 kgs., New York to Tokyo, 198 cents per kg.; minimum weight 300 kgs., New York to Osaka.

Pursuant to authority duly delegated by the Board in the Board's regulations, 14 CFR 385.14, it is not found, on a tentative basis, that the subject agreement is adverse to the public interest or in violation of the Act, provided that tentative approval thereof is conditioned as hereinafter ordered.

Accordingly, it is ordered, That:

Action on Agreement CAB 21753, R-33, be and hereby is deferred with a view toward eventual approval, provided that approval shall not constitute approval of the specific commodity description contained therein for purposes of tariff publication.

Persons entitled to petition the Board for review of this order, pursuant to the Board's regulations, 14 CFR 385.50, may, within 10 days after the date of service of this order, file such petitions in sup-

port of or in opposition to our proposed action herein.

This order will be published in the FEDERAL REGISTER.

[SEAL]

HARRY J. ZINK,  
Secretary.

[F.R. Doc. 70-15356; Filed, Nov. 13, 1970;  
8:48 a.m.]

[Docket No. 20962]

**TRANS MERIDIAN (LONDON), LTD.****Notice of Oral Argument**

Notice is hereby given, pursuant to the provisions of the Federal Aviation Act of 1958, as amended, that oral argument in the above-entitled matter is assigned to be held at 10 a.m., e.s.t., on November 25, 1970, in Room 1027, Universal Building, 1825 Connecticut Avenue N.W., Washington, D.C., before the Board.

Dated at Washington, D.C., November 9, 1970.

[SEAL]

THOMAS L. WRENN,  
Chief Examiner.

[F.R. Doc. 70-15358; Filed, Nov. 13, 1970;  
8:48 a.m.]

**FEDERAL POWER COMMISSION**

[Docket No. RI71-385]

**FELMONT OIL CORP.****Order Providing for Hearing on and Suspension of Proposed Change in Rate, and Allowing Rate Change To Become Effective Subject to Refund**

NOVEMBER 5, 1970.

Respondent named herein has filed a proposed change in rate and charge of a currently effective rate schedule for the sale of natural gas under Commission jurisdiction, as set forth in Appendix A hereof.

The proposed changed rate and charge may be unjust, unreasonable, unduly discriminatory, or preferential, or otherwise unlawful.

The Commission finds: It is in the public interest and consistent with the Natural Gas Act that the Commission

enter upon a hearing regarding the lawfulness of the proposed change, and that the supplement herein be suspended and its use be deferred as ordered below.

The Commission orders:

(A) Under the Natural Gas Act, particularly sections 4 and 15, the regulations pertaining thereto (18 CFR Ch. I), and the Commission's rules of practice and procedure, a public hearing shall be held concerning the lawfulness of the proposed change.

(B) Pending hearing and decision thereon, the rate supplement herein is suspended and its use deferred until date shown in the "Date Suspended Until" column, and thereafter until made effective as prescribed by the Natural Gas Act: *Provided, however*, That the supplement to the rate schedule filed by respondent shall become effective subject to refund on the date and in the manner herein prescribed if within 20 days from the date of the issuance of this order respondent shall execute and file under its above-designated docket number with the Secretary of the Commission its agreement and undertaking to comply with the refunding and reporting procedure required by the Natural Gas Act and § 154.102 of the regulations thereunder, accompanied by a certificate showing service of a copy thereof upon the purchaser under the rate schedule involved. Unless respondent is advised to the contrary within 15 days after the filing of its agreement and undertaking, such agreement and undertaking shall be deemed to have been accepted.

(C) Until otherwise ordered by the Commission, neither the suspended supplement, nor the rate schedule sought to be altered, shall be changed until disposition of this proceeding or expiration of the suspension period.

(D) Notices of intervention or petitions to intervene may be filed with the Federal Power Commission, Washington, D.C. 20426, in accordance with the rules of practice and procedure (18 CFR 1.8 and 1.37(f)) on or before December 11, 1970.

By the Commission.

[SEAL]

KENNETH F. PLUMB,  
Acting Secretary.

## APPENDIX A

Docket No.	Respondent	Rate schedule No.	Supplement No.	Purchaser and producing area	Amount of annual increase	Date filing tendered	Effective date unless suspended	Date suspended until	Cents per Mcf		Rate in effect subject to refund in dockets Nos.
									Rate in effect	Proposed increased rate	
RI71-385	Felmont Oil Corp.	16	1	Transcontinental Gas Pipe Line Corp. (Ship Shoal Block 239 Area, Offshore Louisiana).	\$8,820	10-8-70	11-8-70	11-9-70	18.5	20.0	

<sup>1</sup> Pressure base is 15.025 p.s.i.a.

The proposed increased rate filed by Felmont Oil Corp. involves a sale of third vintage gas well gas from offshore Louisiana and was filed pursuant to Opinion No. 546-A. Consistent with prior Commission action on

similar increases, the proposed rate is suspended for 1 day from the expiration of the statutory notice period or 1 day from the date of initial delivery, whichever is later. Thereafter, the proposed rates may be placed

in effect, subject to refund, pending the outcome of Docket No. AR69-1.

[F.R. Doc. 70-15336; Filed, Nov. 13, 1970;  
8:46 a.m.]



[Dockets Nos. CP70-292, CP70-293]

**MIDWESTERN GAS TRANSMISSION CO.****Notice of Petition To Amend**

NOVEMBER 9, 1970.

It appears reasonable and consistent with the public interest and good cause has been shown in this proceeding to prescribe a period shorter than that published in the FEDERAL REGISTER on November 4, 1970 (35 F.R. 17008), for the filing of protests and petitions to intervene in the above entitled proceeding.

Therefore, the said notice heretofore published in the FEDERAL REGISTER on November 4, 1970, is amended to provide that protests or petitions to intervene herein must be filed on or before November 17, 1970.

GORDON M. GRANT,  
*Secretary.*

[F.R. Doc. 70-15335; Filed, Nov. 13, 1970;  
8:46 a.m.]

## INTERIM COMPLIANCE PANEL (COAL MINE HEALTH AND SAFETY)

**WESTMORELAND COAL CO.**

### Application for Renewal Permit; Notice of Opportunity for Public Hearing

Application for Renewal Permit for Noncompliance with the Interim Mandatory Dust Standard (3.0 mg./m.<sup>3</sup>) has been received as follows:

ICP Docket No. 10647, Westmoreland Coal Co., Wentz No. 1 Mine, USBM ID No. 44 00302 0, Stonega, Wise County, Va., Section ID No. 005 (No. 3 Main East).

In accordance with the provisions of section 202(b)(4) of the Federal Coal Mine Health and Safety Act of 1969 (83 Stat. 742, et seq., Public Law 91-173), notice is hereby given that requests for public hearing as to an application for renewal may be filed within 15 days after publication of this notice. Requests for public hearing must be completed in accordance with 30 CFR Part 505 (35 F.R. 11296, July 15, 1970), copies of which may be obtained from the Panel on request.

A copy of the application is available for inspection and requests for public hearing may be filed in the office of the Correspondence Control Officer, Interim Compliance Panel, Suite 800, 1730 K Street NW., Washington, D.C. 20006.

GEORGE A. HORNBECK,  
*Chairman,*  
*Interim Compliance Panel.*

NOVEMBER 10, 1970.

[F.R. Doc. 70-15346; Filed, Nov. 13, 1970;  
8:47 a.m.]

## SECURITIES AND EXCHANGE COMMISSION

[70-4937]

**MISSISSIPPI POWER CO.**

### Notice of Proposed Issue and Sale of First Mortgage Bonds at Competitive Bidding

NOVEMBER 6, 1970.

Notice is hereby given that Mississippi Power Co. (Mississippi), 2992 West Beach, Gulfport, Miss. 39501, a public-utility subsidiary company of The Southern Co., a registered holding company, has filed a declaration with this Commission pursuant to the Public Utility Holding Company Act of 1935 (Act), designating sections 6(a) and 7 of the Act and Rule 50 promulgated thereunder as applicable to the proposed transaction. All interested persons are referred to the declaration, which is summarized below, for a complete statement of the proposed transaction.

Mississippi proposes to issue and sell, subject to the competitive bidding requirements of Rule 50, \$15 million principal amount of its first mortgage bonds, ----- percent series to mature not more than 30 years and not less than 5 years from the second day of the calendar month within which the bonds are issued. Mississippi will notify prospective bidders of the maturity of the bonds not less than 72 hours prior to the time of the sale thereof. The price of the bonds will be not less than 99 percent nor more than 102 $\frac{3}{4}$  percent of the principal amount thereof and accrued interest. The bonds will be issued under an indenture dated as of September 1, 1941, between Mississippi and Morgan Guaranty Trust Company of New York, as trustee, as heretofore supplemented and to be further supplemented by a supplemental indenture to be dated as of December 1, 1970, which contains a prohibition until December 1, 1975, against refunding the issue with the proceeds of funds borrowed at a lower cost of money. The proceeds from the sale of the bonds will be used to finance, in part, Mississippi's 1970 construction program (estimated to be \$19,626,000), to repay short-term notes incurred for such purposes (both bank notes and commercial paper) of which \$9,917,000 are expected to be outstanding on the date the bonds are sold, and for other lawful purposes.

The fees and expenses to be paid by Mississippi in connection with the issuance and sale of the bonds are to be supplied by amendment. It is stated that no State commission and no Federal commission, other than this Commission, has jurisdiction over the proposed transaction.

Notice is further given that any interested person may, not later than November 20, 1970, request in writing that a hearing be held on such matter, stating the nature of his interest, the reasons for such request, and the issues

of fact or law raised by said declaration which he desires to controvert; or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request should be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon the declarant at the above-stated address, and proof of service (by affidavit or, in case of an attorney at law, by certificate) should be filed with the request. At any time after said date, the declaration, as filed or as it may be amended, may be permitted to become effective as provided in Rule 23 of the general rules and regulations promulgated under the Act, or the Commission may grant exemption from such rules as provided in Rules 20(a) and 100 thereof or take such other action as it may deem appropriate. Persons who request a hearing or advice as to whether a hearing is ordered will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission, by the Division of Corporate Regulation, pursuant to delegated authority.

[SEAL] ORVAL L. DUBOIS,  
*Secretary.*

[F.R. Doc. 70-15339, Filed, Nov. 13, 1970;  
8:47 a.m.]

## INTERSTATE COMMERCE COMMISSION

### FOURTH SECTION APPLICATION FOR RELIEF

NOVEMBER 10, 1970.

Protests to the granting of an application must be prepared in accordance with § 1100.40 of the general rules of practice (49 CFR 1100.40) and filed within 15 days from the date of publication of this notice in the FEDERAL REGISTER.

**LONG-AND-SHORT HAUL**

FSA No. 42076—Hot Topping Compounds from Philadelphia, Pa. Filed by Southwestern Freight Bureau, agent (No. B-195) for interested rail carriers. Rates on hot topping compounds, in carloads, as described in the application, from Philadelphia, Pa., to specified points in Texas.

Grounds for relief—Carrier competition.

Tariff—Supplement 83 to Southwestern Freight Bureau, agent, tariff ICC 4847.

By the Commission.

[SEAL] ROBERT L. OSWALD,  
*Secretary.*

[F.R. Doc. 70-15355; Filed, Nov. 13, 1970;  
8:48 a.m.]



[Notice 613]

**MOTOR CARRIER TRANSFER  
PROCEEDINGS**

NOVEMBER 6, 1970.

Synopsis of orders entered pursuant to section 212(b) of the Interstate Commerce Act, and rules and regulations prescribed thereunder (49 CFR Part 1132), appear below:

As provided in the Commission's special rules of practice any interested person may file a petition seeking reconsideration of the following numbered proceedings within 20 days from the date of publication of this notice. Pursuant to section 17(8) of the Interstate Commerce Act, the filing of such a petition will postpone the effective date of the order in that proceeding pending its disposition. The matters relied upon by petitioners must be specified in their petitions with particularity.

No. MC-FC-72394. By order of November 2, 1970, the Motor Carrier Board approved the transfer to John E. Webb, Lexington, Ky., of the operating rights in permit No. MC-119910 (Sub-No. 4) issued October 3, 1968, to Andrew J. Gibbs, Lexington, Ky., authorizing the transportation of dairy products, ice cream mixes, orange juice, dessert whips, and fruit drinks, from Lexington, Ky., to Salyersville, Martin, and Pikesville, Ky., and

Williamson, W. Va., under contract with Borden, Inc., George M. Catlett, 703-706 McClure Building, Frankfort, Ky. 40601, attorney for applicants.

No. MC-FC-72449. By order of November 2, 1970, the Motor Carrier Board approved the transfer to Ashcraft Trucking, Inc., Shelbyville, Ind., of certificate No. MC-111322 issued to Harry Anderson Transfer Co., Inc., Shelbyville, Ind., authorizing the transportation of: Various commodities of a general commodity nature, between specified points in Kentucky, Ohio, Indiana, and Illinois, Warren C. Moberly, 777 Chamber of Commerce, Indianapolis, Ind. 46204, attorney.

No. MC-FC-72465. By order of November 3, 1970, the Motor Carrier Board approved the transfer to Braunstein Express Co., Inc., New York, N.Y., of certificates Nos. MC-59075 and MC-59075 (Sub-No. 1), issued February 4, 1953, and March 22, 1962, to Keystone Express Corp., New York, N.Y., authorizing the transportation of new furniture, between New York, N.Y., on the one hand, and, on the other, points in Westchester, Rockland, Putnam, Orange, Nassau, and Suffolk Counties, N.Y., and those in Morris, Passaic, Somerset, Union, Mercer, Bergen, Essex, Hudson, Middlesex, and Monmouth Counties N.J.; and general commodities, except those of unusual value, classes A and B explosives, house-

hold goods as defined by the Commission, commodities in bulk, commodities requiring special equipment, and those injurious or contaminating to other lading, between New York, N.Y., on the one hand, and, on the other, points in that part of New Jersey bounded by a line beginning at Perth Amboy, N.J., and extending westerly to New Brunswick, N.J., thence northerly through Bound Brook and Brookside, N.J., to Dover, N.J., thence easterly through Boonton, N.J., to Paterson, N.J., thence northeasterly through Montvale, N.J., to the New Jersey-New York State line, thence along the New Jersey-New York State line to the Hudson River, and thence along the East River and bay shores of New Jersey to the point of beginning, including the points specified; and radiator enclosures, between New York, N.Y., on the one hand, and, on the other, Trenton and Camden, N.J., Philadelphia, Pa., and points in New Jersey within 40 miles of Columbus Circle, New York, N.Y. Robert B. Pepper, 174 Brower Avenue, Edison, N.J. 08817, practitioner for transferee. Martin Werner, 2 West 45th Street, New York, N.Y. 10036, attorney for transferor.

[SEAL]

ROBERT L. OSWALD,  
Secretary.

[F.R. Doc. 70-15305; Filed, Nov. 12, 1970;  
8:49 a.m.]



## CUMULATIVE LIST OF PARTS AFFECTED—NOVEMBER

The following numerical guide is a list of parts of each title of the Code of Federal Regulations affected by documents published to date during November.

3 CFR	Page	12 CFR	Page	17 CFR	Page
<b>PROCLAMATIONS:</b>		1.....	17174	210.....	17400
4020.....	16903	226.....	16919, 17029	231.....	16919
4021.....	17235	261.....	16973	240.....	17537, 17538
<b>EXECUTIVE ORDERS:</b>		700.....	17398	249.....	16919
5327:		701.....	17398	<b>PROPOSED RULES:</b>	
See PLO 4933.....	17107	702.....	17398	249.....	17431
Revoked in part by PLO		706.....	17398	<b>18 CFR</b>	
4938.....	17546	707.....	17398	2.....	17040
<b>5 CFR</b>		708.....	17398	154.....	17040, 17041, 17109
213.....	16905, 17167, 17322, 17527	709.....	17398	157.....	17041
<b>7 CFR</b>		710.....	17398	<b>PROPOSED RULES:</b>	
46.....	17527	715.....	17398	2.....	17427, 17428
52.....	16906	720.....	17398	154.....	17061
215.....	16973	<b>PROPOSED RULES:</b>		157.....	17428
722.....	17029	226.....	17061	201.....	17431
905.....	16909, 17167	545.....	17360	204.....	17431
907.....	17107, 17321	556.....	17360	205.....	17431
910.....	17237, 17527, 17528	561.....	17361	260.....	17188, 17431
912.....	17168	563.....	17361	<b>19 CFR</b>	
913.....	17168	<b>13 CFR</b>		4.....	17043
914.....	17169	<b>PROPOSED RULES:</b>		<b>20 CFR</b>	
944.....	17107	121.....	16939, 16940, 17119	609.....	17400
967.....	17528	<b>14 CFR</b>		614.....	17400
987.....	17174, 17528	39.....	17030,	<b>PROPOSED RULES:</b>	
991.....	17237	17234, 17246, 17398, 17533, 17534		405.....	17343
1136.....	17238	71.....	17031-17036,	<b>21 CFR</b>	
1446.....	17321	17246-17249, 17398, 17535, 17536		19.....	17110
1464.....	16910, 17397	73.....	17249, 17536	120.....	16974, 17111
1472.....	17321	91.....	17036	121.....	17400
1520.....	16911	97.....	17109, 17398	122a.....	17401
1806.....	17238	121.....	17037, 17176	141.....	17539
1810.....	17243	127.....	17176	141c.....	17539
<b>PROPOSED RULES:</b>		198.....	17038	145.....	17539
70.....	17340	208.....	17177	146c.....	17539
811.....	17422	1209.....	17323	146d.....	17250
932.....	17046	<b>PROPOSED RULES:</b>		147.....	17539
1006.....	17340	Ch. I.....	16980	148b.....	17324
1012.....	17340	37.....	17192	148c.....	17402
1013.....	17340	39.....	16937, 17054, 17427	148d.....	17405
1050.....	17046	71.....	17554, 17555	148m.....	17539
1064.....	17188, 17554	73.....	17555	148v.....	17406
<b>8 CFR</b>		75.....	17556	191.....	17540
100.....	17322	121.....	17193	<b>PROPOSED RULES:</b>	
235.....	17322	207.....	17195	3.....	16937, 17116, 17191
238.....	17323	208.....	17195	19.....	17191
264.....	17529	212.....	17195, 17556	120.....	16980
335.....	17530	214.....	17195, 17556	130.....	16937, 17191
<b>9 CFR</b>		217.....	17556	146.....	17191
76.....	16912,	221.....	17273	<b>22 CFR</b>	
16917, 16918, 16973, 17108,	17167,	241.....	17356	41.....	17178
17244, 17323, 17397		295.....	17195	<b>24 CFR</b>	
78.....	17244	373.....	17195	201.....	17540
<b>PROPOSED RULES:</b>		378.....	17199	1914.....	17112
311.....	17188	378a.....	17199	1915.....	17113
<b>10 CFR</b>		399.....	17273	<b>26 CFR</b>	
34.....	17397	<b>15 CFR</b>		1.....	17326-17329
50.....	17530	377.....	17536	13.....	17331, 17406
<b>PROPOSED RULES:</b>		<b>PROPOSED RULES:</b>			
60.....	17271	367.....	17189		
<b>16 CFR</b>		<b>16 CFR</b>			
13.....	17177	1.....	17177		

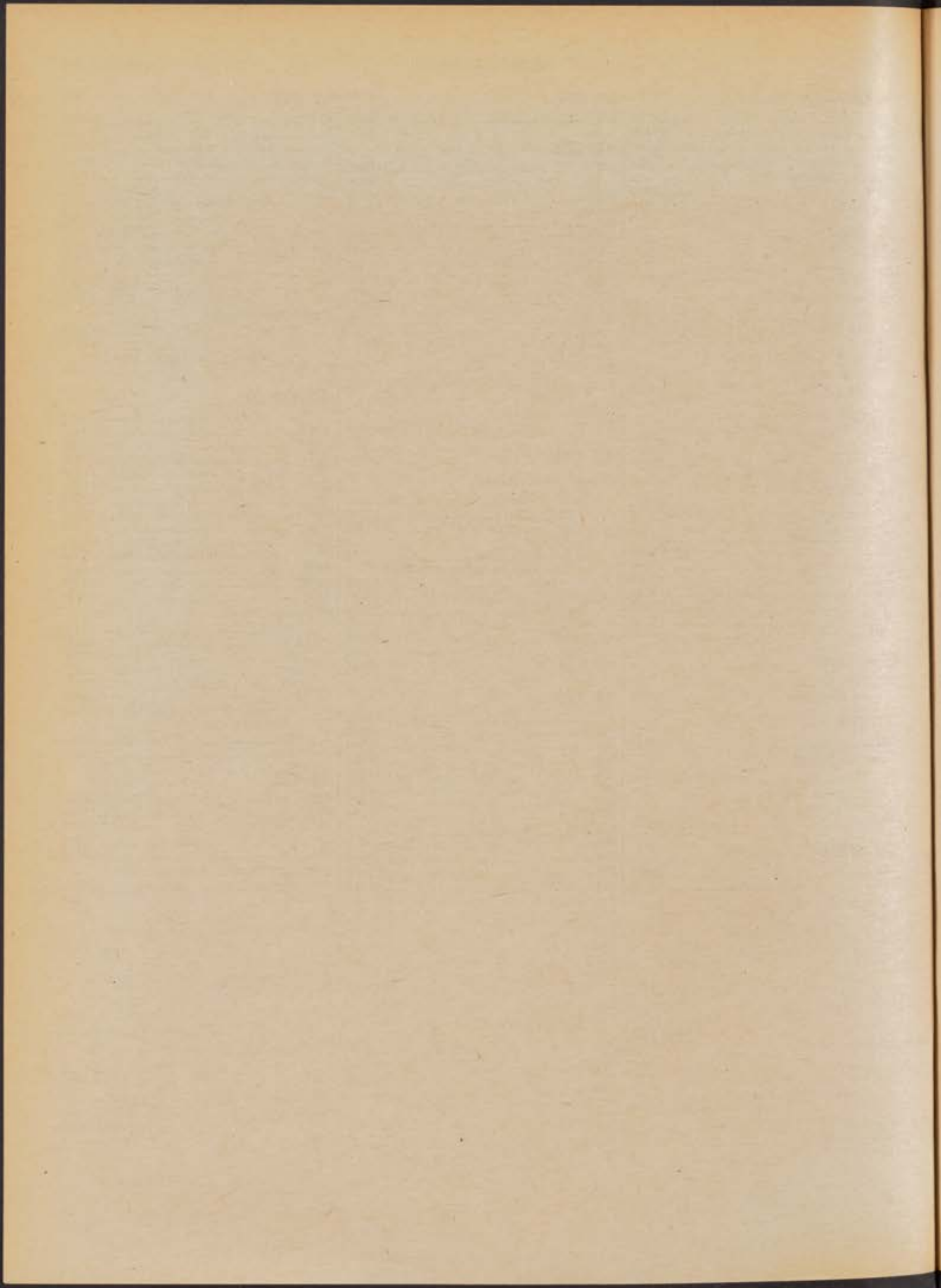


<b>26 CFR—Continued</b>	<b>Page</b>
31.....	17328
48.....	17408
301.....	17329
402.....	17265
PROPOSED RULES:	
1.....	17336
301.....	17268
<b>28 CFR</b>	
0.....	17332
<b>29 CFR</b>	
PROPOSED RULES:	
462.....	17270
541.....	17116, 17424
<b>30 CFR</b>	
PROPOSED RULES:	
503.....	17062
<b>31 CFR</b>	
316.....	17602
332.....	17502
605.....	17250
<b>32 CFR</b>	
62.....	16974
80.....	17540
80a.....	17540
90.....	17540
94.....	17540
821.....	17542
846.....	17543
861.....	17543
890.....	17544
1001.....	17545
<b>32A CFR</b>	
OIA (Ch. X):	
OI Reg. 1.....	16976
<b>33 CFR</b>	
204.....	17178
PROPOSED RULES:	
117.....	17425, 17426
<b>36 CFR</b>	
50.....	17042, 17552
<b>38 CFR</b>	
17.....	16920
36.....	17179

<b>39 CFR</b>	<b>Page</b>
155.....	17038
<b>41 CFR</b>	
3-1.....	16920
3-7.....	16922
3-11.....	16923
3-75.....	16924
4-1.....	17181
4-4.....	17181
5A-60.....	17250
5A-76.....	17252
8-16.....	17252
9-5.....	17181
101-35.....	17114
101-47.....	17256
<b>42 CFR</b>	
81.....	16927,
16976, 16977, 17042, 17256, 17418,	
17545	
PROPOSED RULES:	
81.....	17191, 17342
<b>43 CFR</b>	
PUBLIC LAND ORDERS:	
3623 (revoked in part by	
PLO 4934).....	17182
4342 (see PLO 4934).....	17182
4522:	
See PLO 4933.....	17107
Revoked in part by PLO	
4938.....	17546
4933.....	17107
4934.....	17182
4935.....	17182
4936.....	17257
4937.....	17546
4938.....	17546
<b>45 CFR</b>	
3.....	17409
85.....	17238
205.....	17546
300.....	17411
301.....	17411
302.....	17411
306.....	17411
307.....	17411
308.....	17411
309.....	17411
310.....	17411
315.....	17411
320.....	17411

<b>47 CFR</b>	<b>Page</b>
0.....	17332
1.....	17332
2.....	17547
5.....	16926
43.....	17411
67.....	17111
73.....	16926, 16977, 17042, 17549
81.....	17412, 17548
83.....	17412, 17548
85.....	17412
87.....	17334
89.....	17548
91.....	17548
93.....	17548
PROPOSED RULES:	
23.....	17057
42.....	17119
73.....	16983, 17121, 17202, 17357, 17359
83.....	17360
<b>49 CFR</b>	
1.....	17044
179.....	17418
192.....	17335
195.....	17183
391.....	17419
392.....	17419
571.....	16927
574.....	17257
603.....	17186
1033.....	16931,
16933, 16934, 17114, 17421,	17552
1056.....	16935
1060.....	17264
1131.....	17045
PROPOSED RULES:	
71.....	17195
179.....	16983
392.....	17194, 17343
393.....	17194, 17343, 17427
395.....	17194
571.....	16937,
17055, 17116, 17117, 17272,	17345,
17350	
575.....	17057, 17353
1048.....	17063
<b>50 CFR</b>	
12.....	16935
16.....	17265
28.....	17029
33.....	17029
80.....	17421
PROPOSED RULES:	
280.....	17424







# FEDERAL REGISTER

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Saturday, November 14, 1970 • Washington, D.C.

PART II

## DEPARTMENT OF THE TREASURY

Fiscal Service, Bureau of the Public Debt

### U.S. Savings Bonds, Series E

(Dept. Circ. 653,  
8th Rev., Amdt. 1)





# Title 31—MONEY AND FINANCE: TREASURY

## Chapter II—Fiscal Service, Department of the Treasury

### SUBCHAPTER B—BUREAU OF THE PUBLIC DEBT

#### PART 316—OFFERING OF UNITED STATES SAVINGS BONDS, SERIES E

##### Miscellaneous Amendments

Sections 316.1, 316.2, 316.6, and 316.8 of Department of the Treasury Circular No. 653, Eighth Revision, dated December 12, 1969, the tables incorporated therein and the Appendix (31 CFR Part 316), have been revised and amended to read as follows:

##### § 316.1 Offering of bonds.

The Secretary of the Treasury hereby offers for sale to the people of the United States, U.S. Savings Bonds of Series E, hereinafter generally referred to as "Series E bonds" or "bonds." This offer, effective as of June 1, 1970, will continue until terminated by the Secretary of the Treasury.

##### § 316.2 Description of bonds.

(e) *Investment yield (interest).* The investment yield (interest) on a Series E bond will be approximately 5½ percent per annum, compounded semiannually, if the bond is held to maturity, but the yield will be less if the bond is redeemed prior thereto. The interest will be paid as a part of the redemption value. For the first 6 months from issue date, the bond will be redeemable only at purchase price. Thereafter, its redemption value will in-

crease at the beginning of each successive half-year period. The final interest accrual period is 4 months. See Table 1.

(f) *Outstanding bonds with issue dates June 1, 1970, or thereafter.* Outstanding Series E bonds with issue dates of June 1, 1970, or thereafter, are deemed to be Series E bonds issued under the terms of this amendment and the investment yield provided for in paragraph (e) of this section is applicable to such bonds. Stock for Series E bonds on sale prior to June 1, 1970, will be used until such time as new stock is printed and supplied to issuing agents. Such bonds have the new investment yield and all other privileges as fully as if expressly set forth in the text of the bonds. It will be unnecessary for owners to exchange bonds issued on old stock for bonds on new stock as all paying agents will redeem the bonds in accordance with the schedule of redemption values set forth in Table 1. However, when the new stock becomes available, issuance thereon may be obtained by presentation for that purpose of bonds issued on old stock to any Federal Reserve Bank or Branch, or to the Treasurer of the United States, Securities Division, Washington, D.C. 20220.

##### § 316.6 Purchase of bonds.

(c) *Savings stamps.* The sale of U.S. Savings Stamps was terminated effective June 30, 1970. However, outstanding stamps affixed in fully or partially completed albums may be used to purchase Series E bonds at banks or other financial institutions authorized to issue such bonds. Otherwise, the stamps may be redeemed for cash at post offices.

##### § 316.8 Extended terms and improved yields for outstanding bonds.

(b) *Improved yields.*<sup>10</sup>—(1) *Outstanding bonds.* The investment yield on all outstanding Series E bonds is hereby increased as follows:

(i) *Bonds in original maturity period on June 1, 1970.* One-half of 1 percent per annum, compounded semiannually, for the remaining period to the maturity date, but only if the bonds are held to that date. The increase will be calculated beginning with the first 6-month interest accrual period starting on or after June 1, 1970. Interim redemption values remain unchanged.

(ii) *Bonds entering extended maturity period between June 1, 1970, and December 1, 1971, inclusive.* To 5½ percent per annum, compounded semiannually, for the extended maturity period.

(iii) *Bonds in an extended maturity period on June 1, 1970.* One-half of 1 percent per annum, compounded semiannually, for the remaining period to next maturity. The increase will begin with the first interest accrual period starting on or after June 1, 1970.

The foregoing amendments, adopted on September 22, 1970, were effected under the authority of section 22 of the Second Liberty Bond Act, as amended (49 Stat. 21, as amended; 31 U.S.C. 757c) and 5 U.S.C. 301. Notice and public procedures thereon are unnecessary as public property and contracts are involved.

Dated: September 22, 1970.

[SEAL]

JOHN K. CARLOCK,  
Fiscal Assistant Secretary.

<sup>10</sup> See Appendix for summary of investment yields to maturity, extended maturity and second extended maturity dates under regulations heretofore and herein prescribed.

TABLES OF REDEMPTION VALUES AND INVESTMENT YIELDS FOR U.S. SAVINGS BONDS OF SERIES E

Each table shows: (1) The redemption value for each successive half-year term of holding during the current maturity period and the authorized redemption value during any subsequent maturity period, on bonds bearing issue dates covered by the table; (2) for each maturity period shown, the approximate investment yield on the redemption value at the beginning of such maturity period to the beginning of each half-year period thereafter; (3) the approximate investment yield on the current redemption value from the beginning of each half-year period to the beginning of the next half-year period; and (4) the approximate investment yield on the current redemption value from the beginning of each half-year period to next maturity. Yields are expressed in terms of rate percent per annum, compounded semiannually.

TABLE 1

#### BONDS BEARING ISSUE DATES BEGINNING JUNE 1, 1970

Issue price Denomination	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000			
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>2</sup>	(3) From beginning of each half-year period <sup>2</sup> to beginning of next period	(4) From beginning of each half-year period <sup>2</sup> to maturity
									Percent	Percent	Percent
First ½ year	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	3.20	5.50
½ to 1 year	19.05	38.10	57.15	76.20	152.40	381.00	762.00	7,620	3.20	4.83	5.72
1 to 1½ years	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	4.01	4.51	5.81
1½ to 2 years	19.95	39.90	59.85	79.80	159.60	399.00	798.00	7,980	4.18	4.51	6.15
2 to 2½ years	20.40	40.80	61.20	81.60	163.20	408.00	816.00	8,160	4.26	4.71	6.37
2½ to 3 years	20.88	41.76	62.64	83.52	167.04	417.60	835.20	8,352	4.35	4.89	6.63
3 to 3½ years	21.39	42.78	64.17	85.56	171.12	427.80	855.60	8,556	4.44	5.05	6.97
3½ to 4 years	21.93	43.86	65.79	87.72	175.44	438.60	877.20	8,772	4.53	5.47	7.28
4 to 4½ years	22.53	45.06	67.59	90.12	180.24	450.60	901.20	9,012	4.64	5.59	8.05
4½ to 5 years	23.16	46.32	69.48	92.64	185.28	463.20	926.40	9,264	4.75	5.70	9.47
5 to 5½ years	23.82	47.64	71.46	95.28	190.56	476.40	952.80	9,528	4.84	5.79	10.05
5½ years to 5 years and 10 months	24.51	49.02	73.53	98.04	196.08	490.20	980.40	9,804	4.93	15.12	15.12
<b>MATURITY VALUE (5 years and 10 months from issue date)</b>	<b>25.73</b>	<b>51.46</b>	<b>77.19</b>	<b>102.92</b>	<b>205.84</b>	<b>514.60</b>	<b>1,029.20</b>	<b>10,292</b>	<b>5.50</b>	<b>----</b>	<b>----</b>

<sup>1</sup> Available only to trustees of employees' savings and savings and vacation plans.

<sup>2</sup> 4-month period in the case of the 5½-year to 5-year and 10-month period.



TABLE 2  
BONDS BEARING ISSUE DATE MAY 1, 1941

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>		
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent		
First 1/2 year.....	1 (5/1/61)	\$33.63	\$67.26	\$134.52	\$672.60	\$1,345.20	0.00	3.75	3.75	
1/2 to 1 year.....	(11/1/61)	34.26	68.52	137.04	685.20	1,370.40	3.75	3.74	3.75	
1 to 1 1/2 years.....	(5/1/62)	34.90	69.80	139.60	698.00	1,396.00	3.74	3.78	3.75	
1 1/2 to 2 years.....	(11/1/62)	35.56	71.12	142.24	711.20	1,422.40	3.70	3.71	3.75	
2 to 2 1/2 years.....	(5/1/63)	36.22	72.44	144.88	724.40	1,448.80	3.74	3.75	3.75	
2 1/2 to 3 years.....	(11/1/63)	36.90	73.80	147.60	738.00	1,476.00	3.75	3.79	3.75	
3 to 3 1/2 years.....	(5/1/64)	37.60	75.20	150.40	752.00	1,504.00	3.75	3.72	3.75	
3 1/2 to 4 years.....	(11/1/64)	38.30	76.60	153.20	766.00	1,532.00	3.75	3.70	3.75	
4 to 4 1/2 years.....	(5/1/65)	39.02	78.04	156.08	780.40	1,560.80	3.75	3.74	3.75	
4 1/2 to 5 years.....	(11/1/65)	39.75	79.50	159.00	795.00	1,590.00	3.75	3.77	3.75	
5 to 5 1/2 years.....	(5/1/66)	40.50	81.00	162.00	810.00	1,620.00	3.75	3.75	4.15	
5 1/2 to 6 years.....	(11/1/66)	41.26	82.52	165.04	825.20	1,650.40	3.75	3.88	4.19	
6 to 6 1/2 years.....	(5/1/67)	42.06	84.12	168.24	841.20	1,682.40	3.70	3.99	4.23	
6 1/2 to 7 years.....	(11/1/67)	42.90	85.80	171.60	858.00	1,716.00	3.78	4.01	4.27	
7 to 7 1/2 years.....	(5/1/68)	43.76	87.52	175.04	875.20	1,750.40	3.80	4.11	4.31	
7 1/2 to 8 years.....	(11/1/68)	44.66	89.32	178.64	893.20	1,786.40	3.82	4.21	4.35	
8 to 8 1/2 years.....	(5/1/69)	45.60	91.20	182.40	912.00	1,824.00	3.84	4.25	4.52	
8 1/2 to 9 years.....	(11/1/69)	46.57	93.14	186.28	931.40	1,862.80	3.87	4.47	5.00	
9 to 9 1/2 years.....	(5/1/70)	47.61	95.22	190.44	952.20	1,904.40	3.90	4.87	5.27	
9 1/2 to 10 years.....	(11/1/70)	48.77	97.54	195.08	975.40	1,950.80	3.95	6.19	6.19	

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

SECOND EXTENDED MATURITY VALUE (30 years from issue date)..... (5/1/71)	59.28	109.56	201.12	1,005.60	2,011.20	<sup>2</sup> 4.06
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<sup>1</sup> Month, day, and year on which issues of May 1, 1941, enter each period.

<sup>2</sup> Yield on purchase price from issue date to second extended maturity date is 3.32 percent.

<sup>3</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

TABLE 3  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1941

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>		
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent		
First 1/2 year.....	1 (6/1/61)	\$33.73	\$67.46	\$134.92	\$674.60	\$1,349.20	0.00	3.74	3.75	
1/2 to 1 year.....	(12/1/61)	34.30	68.72	137.44	687.20	1,374.40	3.74	3.78	3.75	
1 to 1 1/2 years.....	(6/1/62)	35.01	70.02	140.04	700.20	1,400.40	3.76	3.71	3.75	
1 1/2 to 2 years.....	(12/1/62)	35.66	71.32	142.64	713.20	1,426.40	3.74	3.76	3.75	
2 to 2 1/2 years.....	(6/1/63)	36.33	72.66	145.32	726.60	1,453.20	3.75	3.74	3.75	
2 1/2 to 3 years.....	(12/1/63)	37.01	74.02	148.04	740.20	1,480.40	3.75	3.78	3.75	
3 to 3 1/2 years.....	(6/1/64)	37.71	75.42	150.84	754.20	1,508.40	3.75	3.71	3.75	
3 1/2 to 4 years.....	(12/1/64)	38.41	76.82	153.64	768.20	1,536.40	3.75	3.75	3.75	
4 to 4 1/2 years.....	(6/1/65)	39.13	78.26	156.52	782.60	1,565.20	3.75	3.78	3.75	
4 1/2 to 5 years.....	(12/1/65)	39.87	79.74	159.48	797.40	1,594.80	3.75	3.81	4.15	
5 to 5 1/2 years.....	(6/1/66)	40.63	81.26	162.52	812.60	1,625.20	3.76	3.84	4.19	
5 1/2 to 6 years.....	(12/1/66)	41.41	82.82	165.64	828.20	1,656.40	3.76	3.91	4.22	
6 to 6 1/2 years.....	(6/1/67)	42.22	84.44	168.88	844.40	1,688.80	3.78	3.98	4.26	
6 1/2 to 7 years.....	(12/1/67)	43.06	86.12	172.24	861.20	1,722.40	3.79	4.13	4.30	
7 to 7 1/2 years.....	(6/1/68)	43.95	87.90	175.80	879.00	1,758.00	3.82	4.14	4.33	
7 1/2 to 8 years.....	(12/1/68)	44.86	89.72	179.44	897.20	1,794.40	3.84	4.19	4.37	
8 to 8 1/2 years.....	(6/1/69)	45.80	91.60	183.20	916.00	1,832.00	3.86	4.45	5.00	
8 1/2 to 9 years.....	(12/1/69)	46.82	93.64	187.28	936.40	1,872.80	3.90	4.66	5.18	
9 to 9 1/2 years.....	(6/1/70)	47.91	95.82	191.64	958.20	1,916.40	3.94	5.51	5.94	

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

9 1/2 to 10 years..... (12/1/70)	49.23	98.46	196.92	984.60	1,969.20	4.02	6.38	6.38	
SECOND EXTENDED MATURITY VALUE (30 years from issue date)..... (5/1/71)	59.80	101.60	203.20	1,016.00	2,032.00	<sup>2</sup> 4.14			

<sup>1</sup> Month, day, and year on which issues of June 1, 1941, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to second extended maturity date is 3.35 percent.

<sup>3</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.



TABLE 4  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1941, THROUGH APRIL 1, 1942

Issue price.....	\$18.75	\$37.50	\$75.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (12/1/41)	\$33.83	\$67.66	\$135.32	\$676.60	\$1,353.20	0.00	3.72	3.75
½ to 1 year.....	(6/1/42)	34.46	68.92	137.84	689.20	1,378.40	3.72	3.77	3.75
1 to 1½ years.....	(12/1/42)	35.11	70.22	140.44	702.20	1,404.40	3.75	3.76	3.75
1½ to 2 years.....	(6/1/43)	35.77	71.54	143.08	715.40	1,430.80	3.75	3.75	3.75
2 to 2½ years.....	(12/1/43)	36.44	72.88	145.76	728.80	1,457.60	3.75	3.73	3.75
2½ to 3 years.....	(6/1/44)	37.12	74.24	148.48	742.40	1,484.80	3.75	3.77	3.75
3 to 3½ years.....	(12/1/44)	37.82	75.64	151.28	756.40	1,512.80	3.75	3.75	3.75
3½ to 4 years.....	(6/1/45)	38.53	77.06	154.12	770.60	1,541.20	3.75	3.74	3.75
4 to 4½ years.....	(12/1/45)	39.25	78.50	157.00	785.00	1,570.00	3.75	3.82	4.15
4½ to 5 years.....	(6/1/46)	40.00	80.00	160.00	800.00	1,600.00	3.76	3.85	4.18
5 to 5½ years.....	(12/1/46)	40.77	81.54	163.08	815.40	1,630.80	3.77	3.88	4.21
5½ to 6 years.....	(6/1/47)	41.56	83.12	166.24	831.20	1,662.40	3.78	3.99	4.25
6 to 6½ years.....	(12/1/47)	42.39	84.78	169.56	847.80	1,695.60	3.79	4.06	4.28
6½ to 7 years.....	(6/1/48)	43.25	86.50	173.00	865.00	1,730.00	3.82	4.12	4.42
7 to 7½ years.....	(12/1/48)	44.14	88.28	176.56	882.80	1,765.60	3.84	4.21	4.47
7½ to 8 years.....	(6/1/49)	45.07	90.14	180.28	901.40	1,802.80	3.86	4.25	5.00
8 to 8½ years.....	(12/1/49)	46.05	92.10	184.20	921.00	1,842.00	3.89	4.60	5.16
8½ to 9 years.....	(6/1/50)	47.11	94.22	188.44	942.20	1,884.40	3.93	5.35	5.86

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

9 to 9½ years.....	(12/1/70)	48.37	96.74	193.48	967.40	1,934.80	4.01	5.62	6.11
9½ to 10 years.....	(6/1/71)	49.73	99.46	198.92	994.60	1,989.20	4.10	6.60	6.60
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> .....	(12/1/71)	51.37	102.74	205.48	1,027.40	2,054.80	<sup>3</sup> 4.22		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1941, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.39 percent.

TABLE 5

## BONDS BEARING ISSUE DATE MAY 1, 1942

Issue price.....	\$18.75	\$37.50	\$75.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (5/1/42)	\$34.09	\$68.18	\$136.36	\$681.80	\$1,363.60	0.00	3.75	3.75
½ to 1 year.....	(11/1/42)	34.73	69.46	138.92	694.60	1,389.20	3.75	3.74	3.75
1 to 1½ years.....	(5/1/43)	35.38	70.76	141.52	707.60	1,415.20	3.75	3.73	3.75
1½ to 2 years.....	(11/1/43)	36.04	72.08	144.16	720.80	1,441.60	3.74	3.77	3.75
2 to 2½ years.....	(5/1/44)	36.72	73.44	146.88	734.40	1,468.80	3.75	3.76	3.75
2½ to 3 years.....	(11/1/44)	37.41	74.82	149.64	748.20	1,496.40	3.75	3.74	3.75
3 to 3½ years.....	(5/1/45)	38.11	76.22	152.44	762.20	1,524.40	3.75	3.73	3.75
3½ to 4 years.....	(11/1/45)	38.82	77.64	155.28	776.40	1,552.80	3.75	3.76	3.75
4 to 4½ years.....	(5/1/46)	39.55	79.10	158.20	791.00	1,582.00	3.75	3.79	4.15
4½ to 5 years.....	(11/1/46)	40.30	80.60	161.20	806.00	1,612.00	3.75	3.87	4.18
5 to 5½ years.....	(5/1/47)	41.08	82.16	164.32	821.60	1,643.20	3.77	3.89	4.22
5½ to 6 years.....	(11/1/47)	41.88	83.76	167.52	837.60	1,675.20	3.78	3.98	4.25
6 to 6½ years.....	(5/1/48)	42.71	85.42	170.84	854.20	1,708.40	3.79	4.07	4.29
6½ to 7 years.....	(11/1/48)	43.58	87.16	174.32	871.60	1,743.20	3.81	4.18	4.42
7 to 7½ years.....	(5/1/49)	44.49	88.98	177.96	889.80	1,779.60	3.84	4.14	4.46
7½ to 8 years.....	(11/1/49)	45.41	90.82	181.64	908.20	1,816.40	3.86	4.36	5.00
8 to 8½ years.....	(5/1/50)	46.40	92.80	185.60	928.00	1,856.00	3.89	4.61	5.16
8½ to 9 years.....	(11/1/50)	47.47	94.94	189.88	949.40	1,898.80	3.93	5.35	5.86

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

9 to 9½ years.....	(5/1/71)	48.74	97.48	194.96	974.80	1,949.60	4.01	5.62	6.10
9½ to 10 years.....	(11/1/71)	50.11	100.22	200.44	1,002.20	2,004.40	4.10	6.59	6.59
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> .....	(5/1/72)	51.76	103.52	207.04	1,035.20	2,070.40	<sup>3</sup> 4.22		

<sup>1</sup> Month, day, and year on which issues of May 1, 1942, enter each period.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.41 percent.



TABLE 6  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1942

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (6/1/62)	\$34.17	\$68.34	\$136.68	\$683.40	\$1,366.80	0.00	3.75	3.75
½ to 1 year.....	(12/1/62)	34.81	69.62	139.24	696.20	1,392.40	3.75	3.75	3.75
1 to 1½ years.....	(6/1/63)	35.45	70.92	141.84	709.20	1,418.40	3.74	3.78	3.75
1½ to 2 years.....	(12/1/63)	36.10	72.20	144.40	722.00	1,444.00	3.75	3.75	3.75
2 to 2½ years.....	(6/1/64)	36.81	73.62	147.24	736.20	1,472.40	3.76	3.75	3.75
2½ to 3 years.....	(12/1/64)	37.50	75.00	150.00	750.00	1,500.00	3.75	3.78	3.75
3 to 3½ years.....	(6/1/65)	38.20	76.40	152.80	764.00	1,528.00	3.75	3.77	3.75
3½ to 4 years.....	(12/1/65)	38.92	77.84	155.68	778.40	1,556.80	3.75	3.75	4.15
4 to 4½ years.....	(6/1/66)	39.65	79.30	158.60	793.00	1,586.00	3.75	3.83	4.18
4½ to 5 years.....	(12/1/66)	40.41	80.82	161.64	808.20	1,616.40	3.76	3.96	4.21
5 to 5½ years.....	(6/1/67)	41.21	82.42	164.84	824.20	1,648.40	3.78	3.93	4.24
5½ to 6 years.....	(12/1/67)	42.02	84.04	168.08	840.40	1,680.80	3.80	4.00	4.27
6 to 6½ years.....	(6/1/68)	42.80	85.72	171.44	857.20	1,714.40	3.81	4.11	4.40
6½ to 7 years.....	(12/1/68)	43.74	87.48	174.96	874.80	1,749.60	3.83	4.16	4.45
7 to 7½ years.....	(6/1/69)	44.65	89.30	178.60	893.00	1,786.00	3.86	4.20	5.00
7½ to 8 years.....	(12/1/69)	45.61	91.22	182.44	912.20	1,824.40	3.89	4.50	5.14
8 to 8½ years.....	(6/1/70)	46.65	93.30	186.60	933.00	1,866.00	3.93	5.27	5.79
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision									
8½ to 9 years.....	(12/1/70)	47.88	95.76	191.52	957.60	1,915.20	4.01	5.47	5.96
9 to 9½ years.....	(6/1/71)	49.19	98.38	196.76	983.80	1,967.60	4.09	5.69	6.21
9½ to 10 years.....	(12/1/71)	50.59	101.18	202.36	1,011.80	2,023.60	4.17	6.72	6.72
SECOND EXTENDED MATURITY VALUE (30 years from issue date).....	(6/1/72)	52.29	104.58	209.16	1,045.80	2,091.60	<sup>2</sup> 4.30		

<sup>1</sup> Month, day, and year on which issues of June 1, 1942, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.45 percent.

TABLE 7  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1942, THROUGH MAY 1, 1943

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (12/1/62)	\$34.20	\$68.40	\$137.04	\$685.20	\$1,370.40	0.00	3.74	3.75
½ to 1 year.....	(6/1/63)	34.90	69.80	139.60	698.00	1,396.00	3.74	3.78	3.75
1 to 1½ years.....	(12/1/63)	35.56	71.12	142.24	711.20	1,422.40	3.76	3.71	3.75
1½ to 2 years.....	(6/1/64)	36.22	72.44	144.88	724.40	1,448.80	3.74	3.75	3.75
2 to 2½ years.....	(12/1/64)	36.90	73.80	147.60	738.00	1,476.00	3.75	3.74	3.75
2½ to 3 years.....	(6/1/65)	37.59	75.18	150.36	751.80	1,503.60	3.75	3.78	3.78
3 to 3½ years.....	(12/1/65)	38.30	76.60	153.20	766.00	1,532.00	3.75	3.81	4.15
3½ to 4 years.....	(6/1/66)	39.03	78.06	156.12	780.60	1,561.20	3.76	3.79	4.18
4 to 4½ years.....	(12/1/66)	39.77	79.54	159.08	795.40	1,590.80	3.76	3.87	4.21
4½ to 5 years.....	(6/1/67)	40.54	81.08	162.16	810.80	1,621.60	3.78	3.95	4.24
5 to 5½ years.....	(12/1/67)	41.34	82.68	165.36	826.80	1,653.60	3.79	4.00	4.27
5½ to 6 years.....	(6/1/68)	42.18	84.36	168.72	843.60	1,687.20	3.82	4.08	4.40
6 to 6½ years.....	(12/1/68)	43.04	86.08	172.16	860.80	1,721.60	3.84	4.14	4.44
6½ to 7 years.....	(6/1/69)	43.93	87.86	175.72	878.60	1,757.20	3.86	4.28	5.00
7 to 7½ years.....	(12/1/69)	44.87	89.74	179.48	897.40	1,794.80	3.89	4.41	5.12
7½ to 8 years.....	(6/1/70)	45.80	91.72	183.44	917.20	1,834.40	3.93	5.15	5.76
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision									
8 to 8½ years.....	(12/1/70)	47.04	94.08	188.16	940.80	1,881.60	4.00	5.40	5.92
8½ to 9 years.....	(6/1/71)	48.31	96.62	193.24	966.20	1,932.40	4.06	5.55	6.09
9 to 9½ years.....	(12/1/71)	49.65	99.30	198.60	993.00	1,986.00	4.17	5.84	6.36
9½ to 10 years.....	(6/1/72)	51.10	102.20	204.40	1,022.00	2,044.00	4.25	6.89	6.89
SECOND EXTENDED MATURITY VALUE (30 years from issue date).....	(12/1/72)	52.86	105.72	211.44	1,057.20	2,114.40	<sup>2</sup> 4.38		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1942, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.43 percent.



TABLE 8

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1943

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	1 (6/1/63)	\$34.34	\$68.68	\$137.36	\$686.80	\$1,373.60	0.00	3.75	3.75
½ to 1 year.....	(12/1/63)	34.98	69.96	139.92	699.60	1,399.20	3.73	3.77	3.75
1 to 1½ years.....	(6/1/64)	35.64	71.28	142.56	712.80	1,425.60	3.75	3.76	3.75
1½ to 2 years.....	(12/1/64)	36.31	72.62	145.24	726.20	1,452.40	3.75	3.75	3.75
2 to 2½ years.....	(6/1/65)	36.99	73.98	147.96	739.80	1,479.60	3.75	3.73	3.75
2½ to 3 years.....	(12/1/65)	37.68	75.36	150.72	753.60	1,507.20	3.75	3.82	4.15
3 to 3½ years.....	(6/1/66)	38.40	76.80	153.60	768.00	1,536.00	3.76	3.80	4.18
3½ to 4 years.....	(12/1/66)	39.13	78.26	156.52	782.60	1,565.20	3.77	3.88	4.20
4 to 4½ years.....	(6/1/67)	39.89	79.78	159.56	797.80	1,595.60	3.78	3.96	4.23
4½ to 5 years.....	(12/1/67)	40.68	81.36	162.72	813.60	1,627.20	3.80	3.98	4.25
5 to 5½ years.....	(6/1/68)	41.49	82.98	165.96	829.80	1,659.60	3.82	4.05	4.29
5½ to 6 years.....	(12/1/68)	42.33	84.66	169.32	846.60	1,693.20	3.84	4.11	4.42
6 to 6½ years.....	(6/1/69)	43.20	86.40	172.80	864.00	1,728.00	3.86	4.17	5.00
6½ to 7 years.....	(12/1/69)	44.10	88.20	176.40	882.00	1,764.00	3.89	4.44	5.12
7 to 7½ years.....	(6/1/70)	45.08	90.16	180.32	901.60	1,803.20	3.93	5.06	5.74

## Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

7½ to 8 years.....	(12/1/70)	46.22	92.44	184.88	924.40	1,848.80	4.00	5.37	5.88
8 to 8½ years.....	(6/1/71)	47.46	94.92	189.84	949.20	1,898.40	4.09	5.44	6.00
8½ to 9 years.....	(12/1/71)	48.75	97.50	195.00	975.00	1,950.00	4.17	5.06	6.19
9 to 9½ years.....	(6/1/72)	50.13	100.26	200.52	1,002.60	2,005.20	4.25	5.78	6.46
9½ to 10 years.....	(12/1/72)	51.58	103.16	206.32	1,031.60	2,063.20	4.33	7.13	7.13
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> .....	(6/1/73)	<b>53.42</b>	<b>106.84</b>	<b>213.68</b>	<b>1,068.40</b>	<b>2,136.80</b>	<b>4.47</b>		

<sup>1</sup> Month, day, and year on which issues of June 1, 1943, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the

half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.52 percent.

TABLE 9

## BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1943, THROUGH MAY 1, 1944

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)					(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD					Percent	Percent	Percent	
First ½ year.....	1 (12/1/63)	\$34.43	\$68.86	\$137.72	\$688.60	\$1,377.20	0.00	3.78	3.75
½ to 1 year.....	(6/1/64)	35.08	70.16	140.32	701.60	1,403.20	3.78	3.71	3.75
1 to 1½ years.....	(12/1/64)	35.73	71.46	142.92	714.60	1,429.20	3.74	3.75	3.75
1½ to 2 years.....	(6/1/65)	36.40	72.80	145.60	728.00	1,456.00	3.74	3.79	3.75
2 to 2½ years.....	(12/1/65)	37.09	74.18	148.36	741.80	1,483.60	3.76	3.77	4.15
2½ to 3 years.....	(6/1/66)	37.79	75.58	151.16	755.80	1,511.60	3.76	3.81	4.17
3 to 3½ years.....	(12/1/66)	38.51	77.02	154.04	770.20	1,540.40	3.77	3.84	4.20
3½ to 4 years.....	(6/1/67)	39.25	78.50	157.00	785.00	1,570.00	3.78	3.97	4.23
4 to 4½ years.....	(12/1/67)	40.03	80.06	160.12	800.60	1,601.20	3.80	4.00	4.25
4½ to 5 years.....	(6/1/68)	40.83	81.66	163.32	816.60	1,633.20	3.82	4.02	4.27
5 to 5½ years.....	(12/1/68)	41.65	83.30	166.60	833.00	1,666.00	3.84	4.08	4.41
5½ to 6 years.....	(6/1/69)	42.50	85.00	170.00	850.00	1,700.00	3.87	4.14	5.00
6 to 6½ years.....	(12/1/69)	43.38	86.76	173.52	867.60	1,735.20	3.89	4.33	5.11
6½ to 7 years.....	(6/1/70)	44.32	88.64	177.28	886.40	1,772.80	3.92	5.10	5.72

## Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

7 to 7½ years.....	(12/1/70)	45.45	90.90	181.80	909.00	1,818.00	4.01	5.19	5.82
7½ to 8 years.....	(6/1/71)	46.63	93.26	186.52	932.60	1,865.20	4.09	5.40	6.00
8 to 8½ years.....	(12/1/71)	47.80	95.78	191.56	957.80	1,915.60	4.17	5.00	6.09
8½ to 9 years.....	(6/1/72)	49.23	98.46	196.92	984.60	1,969.20	4.25	5.09	6.25
9 to 9½ years.....	(12/1/72)	50.63	101.26	202.52	1,012.60	2,025.20	4.33	5.93	6.53
9½ to 10 years.....	(6/1/73)	52.13	104.26	208.52	1,042.60	2,085.20	4.41	7.14	7.14
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> .....	(12/1/73)	<b>53.99</b>	<b>107.98</b>	<b>215.96</b>	<b>1,079.80</b>	<b>2,159.60</b>	<b>4.53</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1943, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the

half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.60 percent.



TABLE 10  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1944

Issue price Denomination	\$7.50 10.00	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD						Percent	Percent	Percent	
First ½ year.....	(6/1/64)	\$13.80	\$34.51	\$69.02	\$138.04	\$690.20	\$1,380.40	0.00	3.77	3.75
½ to 1 year.....	(12/1/64)	14.00	35.16	70.32	140.64	703.20	1,406.40	3.77	3.75	3.75
1 to 1½ years.....	(6/1/65)	14.33	35.82	71.64	143.28	716.40	1,432.80	3.76	3.74	3.75
1½ to 2 years.....	(12/1/65)	14.60	36.49	72.98	145.96	729.80	1,459.60	3.75	3.73	4.15
2 to 2½ years.....	(6/1/66)	14.87	37.15	74.36	148.72	743.60	1,487.20	3.76	3.82	4.17
2½ to 3 years.....	(12/1/66)	15.16	37.89	75.78	151.56	757.80	1,515.60	3.77	3.85	4.29
3 to 3½ years.....	(6/1/67)	15.45	38.62	77.24	154.48	772.40	1,544.80	3.79	3.88	4.22
3½ to 4 years.....	(12/1/67)	15.75	39.37	78.74	157.48	787.40	1,574.80	3.80	4.01	4.25
4 to 4½ years.....	(6/1/68)	16.06	40.16	80.32	160.64	803.20	1,606.40	3.83	3.98	4.37
4½ to 5 years.....	(12/1/68)	16.38	40.98	81.92	163.84	819.20	1,638.40	3.84	4.05	4.40
5 to 5½ years.....	(6/1/69)	16.72	41.79	83.58	167.16	835.80	1,671.60	3.87	4.16	5.00
5½ to 6 years.....	(12/1/69)	17.09	42.66	85.32	170.64	853.20	1,706.40	3.89	4.30	5.09
6 to 6½ years.....	(6/1/70)	17.44	43.59	87.18	174.36	871.80	1,743.60	3.93	5.00	5.08

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

6½ to 7 years.....	(12/1/70)	17.87	44.58	89.16	178.32	891.60	1,783.20	4.01	5.10	5.78
7 to 7½ years.....	(6/1/71)	18.33	45.82	91.64	183.28	916.40	1,832.80	4.00	5.28	5.80
7½ to 8 years.....	(12/1/71)	18.81	47.03	94.06	188.12	940.60	1,881.20	4.17	5.44	6.01
8 to 8½ years.....	(6/1/72)	19.32	48.31	96.62	193.24	966.20	1,932.40	4.25	5.63	6.16
8½ to 9 years.....	(12/1/72)	19.87	49.67	99.34	198.68	993.40	1,986.80	4.33	6.80	6.33
9 to 9½ years.....	(6/1/73)	20.44	51.11	102.22	204.44	1,022.20	2,044.40	4.41	5.95	6.00
9½ to 10 years.....	(12/1/73)	21.05	52.63	105.26	210.52	1,052.60	2,105.20	4.49	7.26	7.26
<b>SECOND EXTENDED MATURITY VALUE</b> (30 years from issue date).....	(6/1/74)	21.82	54.54	109.08	218.16	1,090.80	2,181.60	<sup>3</sup> 4.63		

<sup>1</sup> Month, day, and year on which issues of June 1, 1944, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to second extended maturity date is 3.59 percent.

<sup>3</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

TABLE 11  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1944 THROUGH MAY 1, 1945

Issue price Denomination	\$7.50 10.00	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD						Percent	Percent	Percent	
First ½ year.....	(12/1/44)	\$13.84	\$34.50	\$69.18	\$138.36	\$691.80	\$1,383.60	0.00	3.76	3.75
½ to 1 year.....	(6/1/45)	14.10	35.24	70.48	140.96	704.80	1,409.60	3.76	3.75	3.75
1 to 1½ years.....	(12/1/45)	14.36	35.90	71.80	143.60	718.00	1,436.00	3.75	3.79	4.15
1½ to 2 years.....	(6/1/46)	14.63	36.58	73.16	146.32	731.60	1,463.20	3.76	3.83	4.17
2 to 2½ years.....	(12/1/46)	14.91	37.28	74.56	149.12	745.60	1,491.20	3.78	3.86	4.19
2½ to 3 years.....	(6/1/47)	15.20	38.00	76.00	152.00	760.00	1,520.00	3.80	3.89	4.21
3 to 3½ years.....	(12/1/47)	15.50	38.74	77.48	154.96	774.80	1,549.60	3.81	3.92	4.24
3½ to 4 years.....	(6/1/48)	15.80	39.50	79.00	158.00	790.00	1,580.00	3.83	4.00	4.30
4 to 4½ years.....	(12/1/48)	16.12	40.29	80.58	161.16	805.80	1,611.60	3.85	4.02	4.39
4½ to 5 years.....	(6/1/49)	16.44	41.10	82.20	164.40	822.00	1,644.00	3.87	4.18	5.00
5 to 5½ years.....	(12/1/49)	16.78	41.96	83.92	167.84	839.20	1,678.40	3.90	4.24	5.08
5½ to 6 years.....	(6/1/50)	17.14	42.85	85.70	171.40	857.00	1,714.00	3.93	4.99	5.08

Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision

6 to 6½ years.....	(12/1/70)	17.57	43.92	87.84	175.68	878.40	1,756.80	4.02	5.05	5.76
6½ to 7 years.....	(6/1/71)	18.01	45.03	90.06	180.12	900.60	1,801.20	4.10	5.24	5.87
7 to 7½ years.....	(12/1/71)	18.48	46.21	92.42	184.84	924.20	1,848.40	4.18	5.41	5.97
7½ to 8 years.....	(6/1/72)	18.98	47.46	94.92	189.84	949.20	1,898.40	4.26	5.48	6.08
8 to 8½ years.....	(12/1/72)	19.50	48.70	97.52	195.04	975.20	1,950.40	4.34	5.74	6.23
8½ to 9 years.....	(6/1/73)	20.06	50.16	100.32	200.64	1,003.20	2,006.40	4.42	5.74	6.40
9 to 9½ years.....	(12/1/73)	20.64	51.60	103.20	206.40	1,032.00	2,064.00	4.49	6.01	6.73
9½ to 10 years.....	(6/1/74)	21.26	53.13	106.30	212.60	1,063.00	2,126.00	4.57	7.45	7.45
<b>SECOND EXTENDED MATURITY VALUE</b> (30 years from issue date).....	(12/1/74)	22.05	55.12	110.26	220.52	1,102.60	2,205.20	<sup>3</sup> 4.72		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1944, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to second extended maturity date is 3.63 percent.

<sup>3</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.



TABLE 12

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1945

Issue price Denomination	\$7.50 10.00	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)		
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)				(2) From beginning of second extended maturity period to beginning of each half-year period			(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD				Percent	Percent	Percent			
First 1/2 year..... <sup>1</sup> (6/1/65)	\$13.87	\$34.68	\$69.36	\$138.72	\$277.44	\$693.60	\$1,387.20	0.00	3.70	3.70
1/2 to 1 year..... (12/1/65)	14.13	35.33	70.66	141.32	282.64	706.60	1,413.20	3.70	3.70	4.15
1 to 1 1/2 years..... (6/1/66)	14.40	36.00	72.00	144.00	288.00	720.00	1,440.00	3.77	3.83	4.17
1 1/2 to 2 years..... (12/1/66)	14.68	36.69	73.38	146.76	293.52	733.80	1,467.60	3.79	3.87	4.19
2 to 2 1/2 years..... (6/1/67)	14.96	37.40	74.80	149.60	299.20	748.00	1,496.00	3.81	3.85	4.21
2 1/2 to 3 years..... (12/1/67)	15.25	38.12	76.24	152.48	304.96	762.40	1,524.80	3.82	3.93	4.23
3 to 3 1/2 years..... (6/1/68)	15.55	38.87	77.74	155.48	310.96	777.40	1,554.80	3.84	4.01	4.25
3 1/2 to 4 years..... (12/1/68)	15.86	39.65	79.30	158.60	317.20	793.00	1,586.00	3.86	4.04	4.28
4 to 4 1/2 years..... (6/1/69)	16.18	40.45	80.90	161.80	323.60	809.00	1,618.00	3.88	4.10	4.30
4 1/2 to 5 years..... (12/1/69)	16.51	41.28	82.56	165.12	330.24	825.60	1,651.20	3.91	4.25	4.38
5 to 5 1/2 years..... (6/1/70)	16.86	42.14	84.32	168.64	337.28	843.20	1,686.40	3.94	4.39	4.46
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
5 1/2 to 6 years..... (12/1/70)	17.28	43.19	86.38	172.76	345.52	863.80	1,727.60	4.03	5.05	5.75
6 to 6 1/2 years..... (6/1/71)	17.71	44.28	88.56	177.12	354.24	885.60	1,771.20	4.11	5.15	5.84
6 1/2 to 7 years..... (12/1/71)	18.17	45.42	90.84	181.68	363.36	908.40	1,816.80	4.19	5.33	5.94
7 to 7 1/2 years..... (6/1/72)	18.65	46.63	93.26	186.52	373.04	932.60	1,865.20	4.27	5.49	6.04
7 1/2 to 8 years..... (12/1/72)	19.16	47.91	95.82	191.64	383.28	958.20	1,916.40	4.36	5.59	6.15
8 to 8 1/2 years..... (6/1/73)	19.70	49.25	98.50	197.00	394.00	985.00	1,970.00	4.43	5.73	6.29
8 1/2 to 9 years..... (12/1/73)	20.28	50.66	101.32	202.64	405.28	1,013.20	2,026.40	4.51	5.88	6.47
9 to 9 1/2 years..... (6/1/74)	20.86	52.15	104.30	208.60	417.20	1,043.00	2,086.00	4.58	6.02	6.77
9 1/2 to 10 years..... (12/1/74)	21.49	53.72	107.44	214.88	429.76	1,074.40	2,148.80	4.66	7.32	7.52
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (6/1/75)	22.30	55.74	111.48	222.96	445.92	1,114.80	2,229.60	<sup>3</sup> 4.80		

<sup>1</sup> Month, day, and year on which issues of June 1, 1945, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.66 percent.

TABLE 13

## BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1945 THROUGH MAY 1, 1946

Issue price Denomination	\$7.50 10.00	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)		
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)				(2) From beginning of second extended maturity period to beginning of each half-year period			(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD				Percent	Percent	Percent			
First 1/2 year..... <sup>1</sup> (12/1/65)	\$13.01	\$34.77	\$69.54	\$139.08	\$278.10	\$695.40	\$1,390.80	0.00	4.14	4.15
1/2 to 1 year..... (6/1/66)	14.20	35.49	70.98	141.96	283.92	709.80	1,419.60	4.14	4.17	4.15
1 to 1 1/2 years..... (12/1/66)	14.49	36.23	72.46	144.92	289.84	724.60	1,449.20	4.16	4.14	4.15
1 1/2 to 2 years..... (6/1/67)	14.79	36.98	73.96	147.92	295.84	739.60	1,479.20	4.15	4.16	4.15
2 to 2 1/2 years..... (12/1/67)	15.10	37.75	75.50	151.00	302.00	755.00	1,510.00	4.15	4.18	4.15
2 1/2 to 3 years..... (6/1/68)	15.41	38.53	77.06	154.12	308.24	770.60	1,541.20	4.15	4.15	4.25
3 to 3 1/2 years..... (12/1/68)	15.73	39.33	78.66	157.32	314.64	786.60	1,573.20	4.15	4.17	4.29
3 1/2 to 4 years..... (6/1/69)	16.06	40.15	80.30	160.60	321.20	803.00	1,606.00	4.15	4.18	5.00
4 to 4 1/2 years..... (12/1/69)	16.40	40.99	81.98	163.96	327.92	819.80	1,639.60	4.16	4.34	5.07
4 1/2 to 5 years..... (6/1/70)	16.75	41.88	83.76	167.52	335.04	837.60	1,675.20	4.18	4.32	5.64
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
5 to 5 1/2 years..... (12/1/70)	17.16	42.91	85.82	171.64	343.28	858.20	1,716.40	4.25	4.99	5.71
5 1/2 to 6 years..... (6/1/71)	17.59	43.98	87.96	175.92	351.84	879.60	1,759.20	4.32	5.23	5.79
6 to 6 1/2 years..... (12/1/71)	18.05	45.13	90.26	180.52	361.04	902.60	1,805.20	4.39	5.27	5.86
6 1/2 to 7 years..... (6/1/72)	18.53	46.32	92.64	185.28	370.56	926.40	1,852.80	4.46	5.35	5.94
7 to 7 1/2 years..... (12/1/72)	19.02	47.56	95.12	190.24	380.48	951.20	1,902.40	4.53	5.51	6.04
7 1/2 to 8 years..... (6/1/73)	19.55	48.87	97.74	195.48	390.96	977.40	1,954.80	4.59	5.65	6.15
8 to 8 1/2 years..... (12/1/73)	20.10	50.25	100.50	201.00	402.00	1,005.00	2,010.00	4.66	5.89	6.28
8 1/2 to 9 years..... (6/1/74)	20.67	51.68	103.36	206.72	413.44	1,033.60	2,067.20	4.72	5.89	6.47
9 to 9 1/2 years..... (12/1/74)	21.27	53.18	106.36	212.72	425.44	1,063.60	2,127.20	4.78	6.02	6.80
9 1/2 to 10 years..... (6/1/75)	21.91	54.78	109.56	219.12	438.24	1,095.60	2,191.20	4.84	7.59	7.59
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (12/1/75)	22.74	56.86	113.72	227.44	454.88	1,137.20	2,274.40	<sup>3</sup> 4.98		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1945, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.73 percent.



TABLE 14  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1946

Issue price Denomination	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>	
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year	(6/1/66)	\$13.97	\$34.92	\$69.84	\$139.68	\$279.36	\$558.72	0.00	4.12	4.15	
1/2 to 1 year	(12/1/66)	14.29	35.94	71.28	142.56	285.12	570.24	4.12	4.15	4.15	
1 to 1 1/2 years	(6/1/67)	14.55	36.38	72.76	145.52	291.04	582.08	4.14	4.18	4.15	
1 1/2 to 2 years	(12/1/67)	14.86	37.14	74.28	148.56	297.12	594.24	4.15	4.18	4.15	
2 to 2 1/2 years	(6/1/68)	15.16	37.91	75.82	151.64	303.28	606.56	4.15	4.17	4.25	
2 1/2 to 3 years	(12/1/68)	15.48	38.70	77.40	154.80	309.60	619.20	4.15	4.15	4.25	
3 to 3 1/2 years	(6/1/69)	15.80	39.50	79.00	158.00	316.00	632.00	4.15	4.30	5.00	
3 1/2 to 4 years	(12/1/69)	16.13	40.33	80.66	161.32	322.64	645.28	4.16	4.31	5.06	
4 to 4 1/2 years	(6/1/70)	16.48	41.20	82.40	164.80	329.60	659.20	4.18	4.50	5.62	
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision											
4 1/2 to 5 years	(12/1/70)	16.88	42.21	84.42	168.84	337.68	675.36	4.26	5.02	5.69	
5 to 5 1/2 years	(6/1/71)	17.31	43.27	86.54	173.08	346.16	692.32	4.33	5.08	5.75	
5 1/2 to 6 years	(12/1/71)	17.75	44.37	88.74	177.48	354.96	709.92	4.40	5.23	5.83	
6 to 6 1/2 years	(6/1/72)	18.21	45.53	91.06	182.12	364.24	728.48	4.47	5.40	5.90	
6 1/2 to 7 years	(12/1/72)	18.70	46.76	93.52	187.04	374.08	748.16	4.54	5.59	5.97	
7 to 7 1/2 years	(6/1/73)	19.21	48.02	96.04	192.08	384.16	768.32	4.60	5.58	6.07	
7 1/2 to 8 years	(12/1/73)	19.74	49.30	98.72	197.44	394.88	789.76	4.67	5.59	6.17	
8 to 8 1/2 years	(6/1/74)	20.30	50.74	101.48	202.96	405.92	811.84	4.73	5.75	6.32	
8 1/2 to 9 years	(12/1/74)	20.88	52.20	104.40	208.80	417.60	835.20	4.79	5.86	6.50	
9 to 9 1/2 years	(6/1/75)	21.49	53.73	107.46	214.92	429.84	859.68	4.85	5.96	6.83	
9 1/2 to 10 years	(12/1/75)	22.13	55.33	110.66	221.32	442.64	885.28	4.90	7.70	7.70	
SECOND EXTENDED MATURITY VALUE (20 years from issue date)	(6/1/76)	22.95	57.45	114.92	229.84	459.68	919.36	5.04			

<sup>1</sup> Month, day, and year on which issues of June 1, 1946, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.77 percent.

TABLE 15  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1946, THROUGH MAY 1, 1947

Issue price Denomination	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)		
	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>2</sup>
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year	(12/1/66)	\$14.03	\$35.08	\$70.16	\$140.32	\$280.64	\$561.28	0.00	4.16	4.15
1/2 to 1 year	(6/1/67)	14.32	35.81	71.62	143.24	286.48	572.96	4.16	4.15	4.15
1 to 1 1/2 years	(12/1/67)	14.62	36.55	73.10	146.20	292.40	584.80	4.15	4.16	4.15
1 1/2 to 2 years	(6/1/68)	14.92	37.31	74.62	149.24	298.48	596.96	4.15	4.13	4.25
2 to 2 1/2 years	(12/1/68)	15.23	38.08	76.16	152.32	304.64	609.28	4.15	4.15	4.25
2 1/2 to 3 years	(6/1/69)	15.55	38.87	77.74	155.48	310.96	621.92	4.15	4.22	5.00
3 to 3 1/2 years	(12/1/69)	15.88	39.69	79.38	158.76	317.52	634.04	4.16	4.28	5.06
3 1/2 to 4 years	(6/1/70)	16.22	40.54	81.08	162.16	324.32	646.64	4.18	4.88	5.62
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
4 to 4 1/2 years	(12/1/70)	16.61	41.52	83.06	166.12	332.24	664.48	4.26	5.01	5.68
4 1/2 to 5 years	(6/1/71)	17.03	42.57	85.14	170.28	340.56	681.12	4.33	5.12	5.74
5 to 5 1/2 years	(12/1/71)	17.46	43.66	87.32	174.64	349.28	698.56	4.42	5.18	5.80
5 1/2 to 6 years	(6/1/72)	17.92	44.79	89.58	179.16	358.32	716.64	4.49	5.27	5.87
6 to 6 1/2 years	(12/1/72)	18.39	45.97	91.94	183.88	367.76	735.52	4.56	5.44	5.95
6 1/2 to 7 years	(6/1/73)	18.89	47.22	94.44	188.88	377.76	755.52	4.62	5.42	6.02
7 to 7 1/2 years	(12/1/73)	19.40	48.50	97.00	194.00	388.00	776.00	4.68	5.61	6.12
7 1/2 to 8 years	(6/1/74)	19.94	49.86	99.72	199.44	398.88	797.76	4.73	5.66	6.22
8 to 8 1/2 years	(12/1/74)	20.51	51.27	102.54	205.08	410.16	820.32	4.80	5.77	6.36
8 1/2 to 9 years	(6/1/75)	21.10	52.75	105.50	211.00	422.00	844.00	4.86	5.88	6.56
9 to 9 1/2 years	(12/1/75)	21.72	54.30	108.60	217.20	434.40	868.80	4.91	5.97	6.90
9 1/2 to 10 years	(6/1/76)	22.37	55.92	111.84	223.68	447.36	894.72	4.97	7.83	7.83
SECOND EXTENDED MATURITY VALUE (20 years from issue date)	(12/1/76)	23.24	58.11	116.22	232.44	464.88	929.76	5.11		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1946, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.81 percent.



TABLE 16

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1947

Issue price.....	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (6/1/47)	\$14.99	\$35.23	\$70.46	\$140.92	\$281.84	\$704.60	\$1,409.20	0.00	4.14	4.15
½ to 1 year.....	(12/1/47)	14.38	35.96	71.92	143.84	287.68	719.20	1,438.40	4.14	4.17	4.15
1 to 1½ years.....	(6/1/48)	14.68	36.71	73.42	146.84	293.68	734.20	1,468.40	4.16	4.14	4.25
1½ to 2 years.....	(12/1/48)	14.99	37.47	74.94	149.88	299.76	749.40	1,498.80	4.15	4.16	4.26
2 to 2½ years.....	(6/1/49)	15.30	38.25	76.50	153.00	306.00	765.00	1,530.00	4.15	4.18	5.00
2½ to 3 years.....	(12/1/49)	15.62	39.05	78.10	156.20	312.40	781.00	1,562.00	4.16	4.30	5.05
3 to 3½ years.....	(6/1/50)	15.96	39.89	79.78	159.56	319.12	797.80	1,595.60	4.18	4.86	5.61
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision											
3½ to 4 years.....	(12/1/70)	16.34	40.80	81.72	163.44	326.88	817.20	1,634.40	4.28	4.94	5.67
4 to 4½ years.....	(6/1/71)	16.75	41.87	83.74	167.48	334.96	837.40	1,674.80	4.30	5.06	5.73
4½ to 5 years.....	(12/1/71)	17.17	42.93	85.86	171.72	343.44	858.60	1,717.20	4.44	5.17	5.79
5 to 5½ years.....	(6/1/72)	17.62	44.04	88.08	176.16	352.32	880.80	1,761.60	4.51	5.27	5.85
5½ to 6 years.....	(12/1/72)	18.08	45.20	90.40	180.80	361.60	904.00	1,808.00	4.58	5.31	5.91
6 to 6½ years.....	(6/1/73)	18.56	46.40	92.80	185.60	371.20	928.00	1,856.00	4.64	5.47	5.99
6½ to 7 years.....	(12/1/73)	19.07	47.67	95.34	190.68	381.36	953.40	1,906.80	4.71	5.54	6.06
7 to 7½ years.....	(6/1/74)	19.60	48.99	97.98	195.96	391.92	979.80	1,959.60	4.77	5.55	6.13
7½ to 8 years.....	(12/1/74)	20.14	50.35	100.70	201.40	402.80	1,007.00	2,014.00	4.82	5.70	6.27
8 to 8½ years.....	(6/1/75)	20.72	51.80	103.60	207.20	414.40	1,036.00	2,072.00	4.88	5.75	6.40
8½ to 9 years.....	(12/1/75)	21.32	53.29	106.58	213.16	426.32	1,065.80	2,131.60	4.93	5.93	6.61
9 to 9½ years.....	(6/1/76)	21.95	54.87	109.74	219.48	438.96	1,097.40	2,194.80	4.98	5.98	6.95
9½ to 10 years.....	(12/1/76)	22.60	56.51	113.02	226.04	452.08	1,130.20	2,260.40	5.04	7.93	7.93
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (6/1/77)		23.30	58.75	117.50	235.00	470.00	1,175.00	2,350.00	<sup>2</sup> 5.18		

<sup>1</sup> Month, day, and year on which issues of June 1, 1947, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.84 percent.

TABLE 17

## BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1947, THROUGH MAY 1, 1948

Issue price.....	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (12/1/47)	\$14.16	\$35.39	\$70.78	\$141.56	\$283.12	\$707.80	\$1,415.60	0.00	4.13	4.13
½ to 1 year.....	(6/1/48)	14.45	36.12	72.24	144.48	288.96	722.40	1,444.80	4.13	4.15	4.23
1 to 1½ years.....	(12/1/48)	14.75	36.87	73.74	147.48	294.96	737.40	1,474.80	4.14	4.18	4.26
1½ to 2 years.....	(6/1/49)	15.06	37.64	75.28	150.56	301.12	752.80	1,505.60	4.15	4.20	5.00
2 to 2½ years.....	(12/1/49)	15.37	38.43	76.86	153.72	307.44	768.60	1,537.20	4.16	4.27	5.05
2½ to 3 years.....	(6/1/50)	15.70	39.25	78.50	157.00	314.00	785.00	1,570.00	4.18	4.89	5.60
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision											
3 to 3½ years.....	(12/1/70)	16.08	40.21	80.42	160.84	321.68	804.20	1,608.40	4.30	4.92	5.65
3½ to 4 years.....	(6/1/71)	16.48	41.20	82.40	164.80	329.60	824.00	1,648.00	4.39	5.05	5.71
4 to 4½ years.....	(12/1/71)	16.90	42.24	84.48	168.96	337.92	844.80	1,689.60	4.47	5.16	5.76
4½ to 5 years.....	(6/1/72)	17.33	43.33	86.66	173.32	346.64	866.60	1,733.20	4.55	5.17	5.82
5 to 5½ years.....	(12/1/72)	17.78	44.45	88.90	177.80	355.60	889.00	1,778.00	4.61	5.31	5.95
5½ to 6 years.....	(6/1/73)	18.25	45.63	91.26	182.52	365.04	912.60	1,825.20	4.67	5.39	6.02
6 to 6½ years.....	(12/1/73)	18.74	46.86	93.72	187.44	374.88	937.20	1,874.40	4.73	5.46	6.09
6½ to 7 years.....	(6/1/74)	19.26	48.14	96.28	192.56	385.12	962.80	1,925.60	4.79	5.57	6.18
7 to 7½ years.....	(12/1/74)	19.79	49.48	98.96	197.92	395.84	989.60	1,979.20	4.85	5.66	6.29
7½ to 8 years.....	(6/1/75)	20.35	50.88	101.76	203.52	407.04	1,017.60	2,035.20	4.90	5.78	6.40
8 to 8½ years.....	(12/1/75)	20.94	52.35	104.70	209.40	418.80	1,047.00	2,094.00	4.95	5.77	6.42
8½ to 9 years.....	(6/1/76)	21.54	53.86	107.72	215.44	430.88	1,077.20	2,154.40	5.00	5.90	6.42
9 to 9½ years.....	(12/1/76)	22.18	55.45	110.90	221.80	443.60	1,109.00	2,218.00	5.05	6.02	7.00
9½ to 10 years.....	(6/1/77)	22.85	57.12	114.24	228.48	456.96	1,142.40	2,284.80	5.10	7.98	7.98
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (12/1/77)		23.76	59.40	118.80	237.60	475.20	1,188.00	2,376.00	<sup>2</sup> 5.25		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1947, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.88 percent.



TABLE 18

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1948

Issue price	\$7.50	\$18.75	\$27.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)		
Denomination	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From beginning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to second extended maturity <sup>2</sup>
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (6/1/68)	\$14.22	\$35.55	\$71.10	\$142.20	\$284.40	\$711.00	\$1,422.00	0.00	4.16	4.25
1/2 to 1 year.....(12/1/68)	14.52	36.29	72.58	145.16	290.32	725.80	1,451.60	4.16	4.13	4.25
1 to 1 1/2 years.....(6/1/69)	14.82	37.04	74.08	148.16	296.32	740.80	1,481.60	4.15	4.21	5.00
1 1/2 to 2 years.....(12/1/69)	15.13	37.82	75.64	151.28	302.56	756.40	1,512.80	4.17	4.23	5.05
2 to 2 1/2 years.....(6/1/70)	15.45	38.62	77.24	154.48	308.96	772.40	1,544.80	4.18	4.87	5.00
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
2 1/2 to 3 years.....(12/1/70)	15.82	39.56	79.12	158.24	316.48	791.20	1,582.40	4.22	4.95	5.65
3 to 3 1/2 years.....(6/1/71)	16.22	40.54	81.08	162.16	324.32	810.80	1,621.60	4.43	5.03	5.70
3 1/2 to 4 years.....(12/1/71)	16.62	41.56	83.12	166.24	332.48	831.20	1,662.40	4.51	5.05	5.75
4 to 4 1/2 years.....(6/1/72)	17.04	42.61	85.22	170.44	340.88	852.20	1,704.40	4.58	5.21	5.81
4 1/2 to 5 years.....(12/1/72)	17.49	43.72	87.44	174.88	349.76	874.40	1,748.80	4.65	5.26	5.86
5 to 5 1/2 years.....(6/1/73)	17.95	44.87	89.74	179.48	359.16	897.40	1,794.80	4.71	5.35	5.92
5 1/2 to 6 years.....(12/1/73)	18.43	46.07	92.14	184.28	368.56	921.40	1,842.80	4.77	5.43	5.98
6 to 6 1/2 years.....(6/1/74)	18.93	47.32	94.64	189.28	378.56	946.40	1,892.80	4.82	5.54	6.05
6 1/2 to 7 years.....(12/1/74)	19.45	48.63	97.20	194.32	389.04	972.00	1,945.20	4.88	5.55	6.13
7 to 7 1/2 years.....(6/1/75)	19.99	49.98	99.96	199.92	399.84	999.60	1,999.20	4.93	5.72	6.22
7 1/2 to 8 years.....(12/1/75)	20.56	51.41	102.82	205.64	411.28	1,028.20	2,056.40	4.98	5.72	6.33
8 to 8 1/2 years.....(6/1/76)	21.15	52.88	105.76	211.52	423.04	1,057.60	2,115.20	5.03	5.86	6.48
8 1/2 to 9 years.....(12/1/76)	21.77	54.43	108.86	217.72	435.44	1,088.60	2,177.20	5.07	5.95	6.58
9 to 9 1/2 years.....(6/1/77)	22.42	56.05	112.10	224.20	448.40	1,121.00	2,242.00	5.12	5.99	7.05
9 1/2 to 10 years.....(12/1/77)	23.09	57.73	115.60	230.92	461.84	1,154.60	2,309.20	5.17	8.11	8.11
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date) (6/1/78)</b>	<b>24.03</b>	<b>60.07</b>	<b>120.14</b>	<b>240.28</b>	<b>480.56</b>	<b>1,201.40</b>	<b>2,402.80</b>	<b>5.32</b>		

<sup>1</sup> Month, day, and year on which issues of June 1, 1948, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.92 percent.

TABLE 19

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1948, THROUGH MAY 1, 1949

Issue price	\$7.50	\$18.75	\$27.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)		
Denomination	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00			
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From beginning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to second extended maturity <sup>2</sup>
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/68)	\$14.29	\$35.72	\$71.44	\$142.88	\$285.76	\$714.40	\$1,428.80	0.00	4.14	4.25
1/2 to 1 year.....(6/1/69)	14.58	36.46	72.92	145.84	291.68	729.20	1,458.40	4.14	4.22	5.00
1 to 1 1/2 years.....(12/1/69)	14.89	37.23	74.46	148.92	297.84	744.60	1,489.20	4.18	4.24	5.04
1 1/2 to 2 years.....(6/1/70)	15.21	38.02	76.04	152.08	304.16	760.40	1,520.80	4.20	4.80	5.59
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
2 to 2 1/2 years.....(12/1/70)	15.58	38.95	77.90	155.80	311.60	779.00	1,558.00	4.28	4.83	5.63
2 1/2 to 3 years.....(6/1/71)	15.99	39.89	79.78	159.56	319.12	797.80	1,595.60	4.47	5.01	5.69
3 to 3 1/2 years.....(12/1/71)	16.36	40.80	81.78	163.56	327.12	817.80	1,635.60	4.56	5.14	5.74
3 1/2 to 4 years.....(6/1/72)	16.78	41.94	83.88	167.70	335.42	838.80	1,677.60	4.64	5.15	5.78
4 to 4 1/2 years.....(12/1/72)	17.21	43.02	86.04	172.08	344.16	860.40	1,720.80	4.70	5.21	5.84
4 1/2 to 5 years.....(6/1/73)	17.66	44.14	88.28	176.56	353.12	882.80	1,765.60	4.76	5.35	5.89
5 to 5 1/2 years.....(12/1/73)	18.13	45.32	90.64	181.28	362.56	906.40	1,812.80	4.82	5.36	5.95
5 1/2 to 6 years.....(6/1/74)	18.62	46.54	93.08	186.16	372.32	930.80	1,861.60	4.87	5.46	6.01
6 to 6 1/2 years.....(12/1/74)	19.12	47.81	95.62	191.24	382.48	956.20	1,912.40	4.92	5.56	6.08
6 1/2 to 7 years.....(6/1/75)	19.66	49.14	98.28	196.56	393.12	982.50	1,965.00	4.97	5.66	6.15
7 to 7 1/2 years.....(12/1/75)	20.21	50.53	101.00	202.12	404.24	1,010.60	2,021.20	5.02	5.70	6.24
7 1/2 to 8 years.....(6/1/76)	20.79	51.97	103.94	207.88	415.76	1,030.40	2,078.80	5.06	5.81	6.34
8 to 8 1/2 years.....(12/1/76)	21.39	53.48	106.96	213.92	427.84	1,060.60	2,130.20	5.11	5.87	6.48
8 1/2 to 9 years.....(6/1/77)	22.02	55.05	110.10	220.20	440.40	1,101.00	2,202.00	5.15	5.92	6.05
9 to 9 1/2 years.....(12/1/77)	22.67	56.68	113.36	226.72	453.44	1,133.60	2,267.20	5.20	6.00	7.05
9 1/2 to 10 years.....(6/1/78)	23.35	58.38	116.76	233.52	467.04	1,167.60	2,335.20	5.24	8.12	8.12
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date) (12/1/78)</b>	<b>24.39</b>	<b>60.75</b>	<b>121.50</b>	<b>243.00</b>	<b>486.00</b>	<b>1,215.00</b>	<b>2,430.00</b>	<b>5.38</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1948, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 3.96 percent.



TABLE 20  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1949

Issue price.....	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (6/1/50)	\$14.72	\$36.80	\$73.60	\$147.20	\$294.40	\$736.00	\$1,472.00	0.00	5.00	5.00
½ to 1 year.....	(12/1/50)	15.00	37.72	75.44	150.88	301.76	754.40	1,508.80	5.00	4.98	5.00
1 to 1½ years.....	(6/1/50)	15.46	38.66	77.32	154.64	309.28	773.20	1,546.40	4.90	5.34	5.00
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision											
1½ to 2 years.....	(12/1/70)	15.80	39.73	79.46	158.92	317.84	794.60	1,589.20	5.17	5.40	5.50
2 to 2½ years.....	(6/1/71)	16.33	40.82	81.64	163.28	326.56	816.40	1,632.80	5.25	5.34	5.50
2½ to 3 years.....	(12/1/71)	16.78	41.95	83.90	167.80	335.60	839.00	1,678.00	5.31	5.48	5.50
3 to 3½ years.....	(6/1/72)	17.24	43.10	86.20	172.40	344.80	862.00	1,724.00	5.34	5.48	5.50
3½ to 4 years.....	(12/1/72)	17.71	44.28	88.56	177.12	354.24	885.60	1,771.20	5.36	5.51	5.50
4 to 4½ years.....	(6/1/73)	18.20	45.50	91.00	182.00	364.00	910.00	1,820.00	5.38	5.49	5.50
4½ to 5 years.....	(12/1/73)	18.70	46.75	93.50	187.00	374.00	935.00	1,870.00	5.39	5.52	5.50
5 to 5½ years.....	(6/1/74)	19.22	48.04	96.08	192.16	384.32	960.80	1,921.60	5.40	5.45	5.50
5½ to 6 years.....	(12/1/74)	19.74	49.35	98.70	197.40	394.80	987.00	1,974.00	5.41	5.51	5.50
6 to 6½ years.....	(6/1/75)	20.28	50.71	101.42	202.84	405.68	1,014.20	2,028.40	5.42	5.52	5.50
6½ to 7 years.....	(12/1/75)	20.84	52.11	104.22	208.44	416.88	1,042.20	2,084.40	5.42	5.49	5.50
7 to 7½ years.....	(6/1/76)	21.42	53.54	107.08	214.16	428.32	1,070.80	2,141.60	5.43	5.49	5.50
7½ to 8 years.....	(12/1/76)	22.00	55.01	110.02	220.04	440.08	1,100.20	2,200.40	5.43	5.53	5.50
8 to 8½ years.....	(6/1/77)	22.61	56.53	113.06	226.12	452.24	1,130.60	2,261.20	5.44	5.45	5.49
8½ to 9 years.....	(12/1/77)	23.23	58.07	116.14	232.28	464.56	1,161.40	2,322.80	5.44	5.51	5.51
9 to 9½ years.....	(6/1/78)	23.87	59.67	119.34	238.68	477.36	1,193.40	2,386.80	5.44	5.53	5.50
9½ to 10 years.....	(12/1/78)	24.53	61.32	122.64	245.28	490.56	1,226.40	2,452.80	5.45	5.48	5.48
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (6/1/79)		25.20	63.00	126.00	252.00	504.00	1,260.00	2,520.00	<sup>2</sup> 5.45		

<sup>1</sup> Month, day, and year on which issues of June 1, 1949, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 4.08 percent.

TABLE 21  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1949, THROUGH MAY 1, 1950

Issue price.....	\$7.50	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	10.00	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after first extended maturity (beginning 20 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of second extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to second extended maturity <sup>1</sup>	
	SECOND EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (12/1/50)	\$14.80	\$37.00	\$74.00	\$148.00	\$296.00	\$740.00	\$1,480.00	0.00	4.97	5.00
½ to 1 year.....	(6/1/50)	15.17	37.92	75.84	151.68	303.36	758.40	1,516.80	4.97	5.49	5.50
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision											
1 to 1½ years.....	(12/1/70)	15.58	38.95	77.92	155.84	311.68	779.20	1,558.40	5.23	5.49	5.50
1½ to 2 years.....	(6/1/71)	16.01	40.03	80.06	160.12	320.24	800.60	1,601.20	5.32	5.55	5.50
2 to 2½ years.....	(12/1/71)	16.46	41.14	82.28	164.56	329.12	822.80	1,645.60	5.37	5.49	5.50
2½ to 3 years.....	(6/1/72)	16.91	42.27	84.54	169.08	338.16	845.40	1,690.80	5.40	5.54	5.50
3 to 3½ years.....	(12/1/72)	17.38	43.44	86.88	173.76	347.52	868.80	1,737.60	5.42	5.48	5.50
3½ to 4 years.....	(6/1/73)	17.85	44.63	89.26	178.52	357.04	892.60	1,785.20	5.43	5.51	5.50
4 to 4½ years.....	(12/1/73)	18.34	45.86	91.72	183.44	366.88	917.20	1,834.40	5.44	5.49	5.50
4½ to 5 years.....	(6/1/74)	18.85	47.12	94.24	188.48	376.96	942.40	1,884.80	5.45	5.48	5.50
5 to 5½ years.....	(12/1/74)	19.36	48.41	96.82	193.64	387.28	968.20	1,936.40	5.45	5.54	5.50
5½ to 6 years.....	(6/1/75)	19.90	49.75	99.50	199.00	398.00	995.00	1,990.00	5.46	5.47	5.50
6 to 6½ years.....	(12/1/75)	20.44	51.11	102.22	204.44	408.88	1,022.20	2,044.40	5.46	5.48	5.50
6½ to 7 years.....	(6/1/76)	21.00	52.51	105.02	210.04	420.08	1,050.20	2,100.40	5.46	5.52	5.50
7 to 7½ years.....	(12/1/76)	21.58	53.96	107.92	215.84	431.68	1,079.20	2,158.40	5.46	5.52	5.50
7½ to 8 years.....	(6/1/77)	22.18	55.45	110.90	221.80	443.60	1,109.00	2,218.00	5.47	5.48	5.48
8 to 8½ years.....	(12/1/77)	22.79	56.97	113.94	227.88	455.76	1,139.40	2,278.80	5.47	5.51	5.50
8½ to 9 years.....	(6/1/78)	23.42	58.54	117.08	234.16	468.32	1,170.80	2,341.60	5.47	5.50	5.50
9 to 9½ years.....	(12/1/78)	24.06	60.15	120.30	240.60	481.20	1,203.00	2,406.00	5.47	5.49	5.49
9½ to 10 years.....	(6/1/79)	24.72	61.80	123.60	247.20	494.40	1,236.00	2,472.00	5.47	5.50	5.50
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> (12/1/79)		25.40	63.50	127.00	254.00	508.00	1,270.00	2,540.00	<sup>2</sup> 5.47		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1949, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on second extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to second extended maturity date is 4.11 percent.



TABLE 22  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1950

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after original maturity (beginning 10 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of each extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period (a) to first extended maturity <sup>1</sup>	
	FIRST EXTENDED MATURITY PERIOD						Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (6/1/50)	\$25.15	\$50.30	\$100.60	\$201.20	\$503.00	\$1,006.00	0.00	3.50	3.75
1/2 to 1 year.....	(12/1/50)	25.30	51.18	102.36	204.72	511.80	1,023.60	3.50	3.60	3.76
1 to 1 1/2 years.....	(6/1/51)	26.05	52.10	104.20	208.40	521.00	1,042.00	3.55	3.53	3.77
1 1/2 to 2 years.....	(12/1/51)	26.51	53.02	106.04	212.08	530.20	1,060.40	3.54	3.62	3.79
2 to 2 1/2 years.....	(6/1/52)	26.99	53.98	107.96	215.92	539.80	1,079.60	3.60	3.63	3.80
2 1/2 to 3 years.....	(12/1/52)	27.48	54.96	109.92	219.84	549.60	1,099.20	3.58	3.64	3.81
3 to 3 1/2 years.....	(6/1/53)	27.98	55.96	111.92	223.84	559.60	1,119.20	3.59	3.65	3.82
3 1/2 to 4 years.....	(12/1/53)	28.49	56.98	113.96	227.92	569.80	1,139.60	3.59	3.65	3.84
4 to 4 1/2 years.....	(6/1/54)	29.01	58.02	116.04	232.08	580.20	1,160.40	3.60	3.72	3.85
4 1/2 to 5 years.....	(12/1/54)	29.55	59.10	118.20	236.40	591.00	1,182.00	3.62	3.72	3.86
5 to 5 1/2 years.....	(6/1/55)	30.10	60.20	120.40	240.80	602.00	1,204.00	3.63	3.79	3.88
5 1/2 to 6 years.....	(12/1/55)	30.67	61.34	122.68	245.36	613.40	1,226.80	3.64	3.85	4.29
6 to 6 1/2 years.....	(6/1/56)	31.26	62.52	125.04	250.08	625.20	1,250.40	3.66	3.97	4.34
6 1/2 to 7 years.....	(12/1/56)	31.88	63.76	127.52	255.04	637.60	1,275.20	3.68	4.08	4.40
7 to 7 1/2 years.....	(6/1/57)	32.53	65.06	130.12	260.24	650.60	1,301.20	3.71	4.12	4.45
7 1/2 to 8 years.....	(12/1/57)	33.20	66.40	132.80	265.60	664.00	1,328.00	3.74	4.24	4.51
8 to 8 1/2 years.....	(6/1/58)	33.92	67.78	135.56	271.36	678.40	1,356.80	3.77	4.42	4.67
8 1/2 to 9 years.....	(12/1/58)	34.67	69.24	138.48	277.36	693.40	1,386.80	3.81	4.44	4.75
9 to 9 1/2 years.....	(6/1/59)	35.44	70.78	141.56	283.52	708.80	1,417.60	3.85	4.68	4.99
9 1/2 to 10 years.....	(12/1/59)	36.27	72.34	144.88	290.16	725.40	1,450.80	3.89	5.29	5.29
<b>EXTENDED MATURITY VALUE</b> (20 years from issue date).....	(6/1/70)	37.23	74.46	148.92	297.84	744.60	1,489.20	<sup>2</sup> 3.96		
Period after first extended maturity (beginning 20 years after issue date)	SECOND EXTENDED MATURITY PERIOD						(b) to second extended maturity <sup>2</sup>			
First 1/2 year.....	(6/1/70)	\$37.23	\$74.46	\$148.92	\$297.84	\$744.60	\$1,489.20	0.00	5.48	5.50
Redemption values and investment yields to second extended maturity on basis of June 1, 1970, revision										
1/2 to 1 year.....	(12/1/70)	38.25	76.50	153.00	306.00	765.00	1,530.00	5.48	5.49	5.50
1 to 1 1/2 years.....	(6/1/71)	39.30	78.60	157.20	314.40	786.00	1,572.00	5.48	5.50	5.50
1 1/2 to 2 years.....	(12/1/71)	40.38	80.76	161.52	323.04	807.60	1,615.20	5.49	5.50	5.50
2 to 2 1/2 years.....	(6/1/72)	41.49	82.98	165.96	331.92	825.80	1,651.60	5.49	5.54	5.50
2 1/2 to 3 years.....	(12/1/72)	42.64	85.28	170.56	341.12	852.80	1,705.60	5.50	5.49	5.50
3 to 3 1/2 years.....	(6/1/73)	43.81	87.62	175.24	350.48	876.20	1,752.40	5.50	5.48	5.50
3 1/2 to 4 years.....	(12/1/73)	45.01	90.02	180.04	360.08	900.20	1,800.40	5.50	5.51	5.50
4 to 4 1/2 years.....	(6/1/74)	46.25	92.50	185.00	370.00	925.00	1,850.00	5.50	5.54	5.50
4 1/2 to 5 years.....	(12/1/74)	47.53	95.06	190.12	380.24	950.60	1,901.20	5.50	5.51	5.50
5 to 5 1/2 years.....	(6/1/75)	48.84	97.68	195.36	390.72	976.80	1,953.60	5.50	5.49	5.50
5 1/2 to 6 years.....	(12/1/75)	50.18	100.36	200.72	401.44	1,003.60	2,007.20	5.50	5.50	5.50
6 to 6 1/2 years.....	(6/1/76)	51.56	103.12	206.24	412.48	1,031.20	2,062.40	5.50	5.47	5.50
6 1/2 to 7 years.....	(12/1/76)	52.97	105.94	211.88	423.76	1,059.40	2,118.80	5.50	5.55	5.51
7 to 7 1/2 years.....	(6/1/77)	54.44	108.88	217.76	435.52	1,088.80	2,177.60	5.50	5.47	5.50
7 1/2 to 8 years.....	(12/1/77)	55.93	111.86	223.72	447.44	1,118.60	2,237.20	5.50	5.51	5.50
8 to 8 1/2 years.....	(6/1/78)	57.47	114.94	229.88	459.76	1,149.40	2,298.80	5.50	5.50	5.50
8 1/2 to 9 years.....	(12/1/78)	59.05	118.10	236.20	472.40	1,181.00	2,362.00	5.50	5.49	5.50
9 to 9 1/2 years.....	(6/1/79)	60.67	121.34	242.68	485.36	1,213.40	2,426.80	5.50	5.51	5.51
9 1/2 to 10 years.....	(12/1/79)	62.34	124.68	249.36	498.72	1,246.80	2,493.60	5.50	5.52	5.52
<b>SECOND EXTENDED MATURITY VALUE</b> (30 years from issue date).....	(6/1/80)	64.06	128.12	256.24	512.48	1,281.20	2,562.40	<sup>2</sup> 5.50		

<sup>1</sup>Month, day, and year on which issues of June 1, 1950, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup>Based on first extended maturity value (or second extended maturity value) in

effect on the beginning date of the half-year period.  
<sup>2</sup>Yield on purchase price from issue date to first extended maturity date is 3.46 percent; to second extended maturity date is 4.14 percent.



TABLE 23  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1950, THROUGH MAY 1, 1951

Issue price.....	\$15.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after original maturity (beginning 10 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of each extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period (a) to first extended maturity <sup>1</sup>	
	FIRST EXTENDED MATURITY PERIOD						Percent	Percent	Percent	
First ½ year.....	12/1/50	\$25.22	\$50.44	\$100.88	\$201.76	\$504.40	\$1,008.80	0.00	3.49	3.75
½ to 1 year.....	6/1/51	25.66	51.32	102.64	205.28	513.20	1,026.40	3.49	3.59	3.76
1 to 1½ years.....	12/1/51	26.12	52.24	104.48	208.96	522.40	1,044.80	3.54	3.52	3.77
1½ to 2 years.....	6/1/52	26.58	53.16	106.32	212.64	531.60	1,063.20	3.53	3.61	3.79
2 to 2½ years.....	12/1/52	27.06	54.12	108.24	216.48	541.20	1,082.40	3.55	3.62	3.80
2½ to 3 years.....	6/1/53	27.55	55.10	110.20	220.40	551.00	1,102.00	3.57	3.63	3.81
3 to 3½ years.....	12/1/53	28.05	56.10	112.20	224.40	561.00	1,122.00	3.58	3.71	3.83
3½ to 4 years.....	6/1/54	28.57	57.14	114.28	228.56	571.40	1,142.80	3.60	3.64	3.83
4 to 4½ years.....	12/1/54	29.09	58.18	116.36	232.72	581.80	1,163.60	3.60	3.71	3.85
4½ to 5 years.....	6/1/55	29.63	59.25	118.52	237.04	592.00	1,184.00	3.61	3.78	3.86
5 to 5½ years.....	12/1/55	30.19	60.38	120.76	241.52	603.80	1,207.60	3.63	3.84	4.27
5½ to 6 years.....	6/1/56	30.77	61.54	123.08	246.16	615.40	1,230.80	3.65	3.90	4.32
6 to 6½ years.....	12/1/56	31.37	62.74	125.48	250.96	627.40	1,254.80	3.67	4.02	4.38
6½ to 7 years.....	6/1/57	32.00	64.00	128.00	256.00	640.00	1,280.00	3.70	4.06	4.43
7 to 7½ years.....	12/1/57	32.65	65.30	130.60	261.20	653.00	1,306.00	3.72	4.29	4.49
7½ to 8 years.....	6/1/58	33.35	66.70	133.40	266.80	667.00	1,334.00	3.76	4.26	4.64
8 to 8½ years.....	12/1/58	34.06	68.12	136.24	272.48	681.20	1,362.40	3.79	4.40	4.73
8½ to 9 years.....	6/1/59	34.82	69.64	139.28	278.56	696.40	1,392.80	3.83	4.60	5.00
9 to 9½ years.....	12/1/59	35.62	71.24	142.48	284.96	712.40	1,424.80	3.87	4.77	5.21
9½ to 10 years.....	6/1/60	36.47	72.94	145.88	291.76	729.40	1,458.80	3.92	6.29	6.20

Redemption values and investment yields to first and second extended maturity on basis of June 1, 1970, revision

EXTENDED MATURITY VALUE (20 years from issue date).....	(12/1/70)	37.60	75.20	150.40	300.80	752.00	1,504.00	4.63		
Period after first extended maturity (beginning 20 years after issue date)	SECOND EXTENDED MATURITY PERIOD								(b) to second extended maturity <sup>2</sup>	
First ½ year.....	12/1/70	\$37.60	\$75.20	\$150.40	\$300.80	\$752.00	\$1,504.00	0.00	5.48	5.50
½ to 1 year.....	6/1/71	38.63	77.26	154.52	309.04	772.60	1,545.20	5.48	5.54	5.50
1 to 1½ years.....	12/1/71	39.70	79.40	158.80	317.60	794.00	1,588.00	5.51	5.49	5.50
1½ to 2 years.....	6/1/72	40.79	81.58	163.16	326.32	815.80	1,631.60	5.50	5.49	5.50
2 to 2½ years.....	12/1/72	41.91	83.82	167.64	335.28	838.20	1,676.40	5.50	5.49	5.50
2½ to 3 years.....	6/1/73	43.06	86.12	172.24	344.48	861.20	1,722.40	5.50	5.53	5.50
3 to 3½ years.....	12/1/73	44.25	88.50	177.00	354.00	885.00	1,770.00	5.50	5.47	5.50
3½ to 4 years.....	6/1/74	45.46	90.92	181.84	363.68	909.20	1,818.40	5.50	5.50	5.50
4 to 4½ years.....	12/1/74	46.71	93.42	186.84	373.68	934.20	1,868.40	5.50	5.52	5.50
4½ to 5 years.....	6/1/75	48.00	96.00	192.00	384.00	960.00	1,920.00	5.50	5.50	5.50
5 to 5½ years.....	12/1/75	49.32	98.64	197.28	394.56	986.40	1,972.80	5.50	5.47	5.50
5½ to 6 years.....	6/1/76	50.67	101.34	202.68	405.36	1,013.40	2,026.80	5.50	5.53	5.50
6 to 6½ years.....	12/1/76	52.07	104.14	208.28	416.56	1,041.40	2,082.80	5.50	5.49	5.50
6½ to 7 years.....	6/1/77	53.50	107.00	214.00	428.00	1,070.00	2,140.00	5.50	5.50	5.50
7 to 7½ years.....	12/1/77	54.97	109.94	219.88	439.76	1,099.40	2,198.80	5.50	5.49	5.50
7½ to 8 years.....	6/1/78	56.48	112.96	225.92	451.84	1,129.60	2,259.20	5.50	5.52	5.50
8 to 8½ years.....	12/1/78	58.04	116.08	232.16	464.32	1,160.80	2,321.60	5.50	5.48	5.50
8½ to 9 years.....	6/1/79	59.63	119.26	238.52	477.04	1,192.60	2,385.20	5.50	5.50	5.50
9 to 9½ years.....	12/1/79	61.27	122.54	245.08	490.16	1,225.40	2,450.80	5.50	5.52	5.51
9½ to 10 years.....	6/1/80	62.96	125.92	251.84	503.68	1,259.20	2,518.40	5.50	5.50	5.50
SECOND EXTENDED MATURITY VALUE (30 years from issue date).....	(12/1/80)	64.69	129.38	258.76	517.52	1,293.80	2,587.60	5.50		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1950, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on first extended maturity value (or second extended maturity value) in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to first extended maturity date is 3.84 percent; to second extended maturity date is 4.17 percent.



TABLE 24

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1951

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00				
Period after original maturity (beginning 10 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of each extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period (a) to first extended maturity <sup>1</sup>	
	FIRST EXTENDED MATURITY PERIOD						Percent	Percent	Percent	
First ½ year.....	1 (6/1/61)	\$25.20	\$50.60	\$101.20	\$202.40	\$506.00	\$1,012.00	0.00	3.56	3.75
½ to 1 year.....	(12/1/61)	25.75	51.50	103.00	206.00	515.00	1,030.00	3.56	3.50	3.75
1 to 1½ years.....	(6/1/62)	26.20	52.40	104.80	209.60	521.00	1,042.00	3.53	3.59	3.77
1½ to 2 years.....	(12/1/62)	26.67	53.34	106.68	213.36	533.40	1,066.80	3.55	3.60	3.78
2 to 2½ years.....	(6/1/63)	27.15	54.30	108.60	217.20	543.00	1,086.00	3.56	3.61	3.80
2½ to 3 years.....	(12/1/63)	27.64	55.28	110.56	221.12	552.80	1,105.60	3.57	3.62	3.81
3 to 3½ years.....	(6/1/64)	28.14	56.28	112.56	225.12	562.80	1,125.60	3.58	3.70	3.82
3½ to 4 years.....	(12/1/64)	28.66	57.32	114.64	229.28	573.20	1,146.40	3.59	3.70	3.83
4 to 4½ years.....	(6/1/65)	29.19	58.38	116.76	233.52	583.80	1,167.60	3.61	3.70	3.84
4½ to 5 years.....	(12/1/65)	29.73	59.46	118.92	237.84	594.60	1,189.20	3.62	3.77	4.26
5 to 5½ years.....	(6/1/66)	30.29	60.58	121.16	242.32	605.80	1,211.60	3.63	3.83	4.31
5½ to 6 years.....	(12/1/66)	30.87	61.74	123.48	246.96	617.40	1,234.80	3.65	4.02	4.36
6 to 6½ years.....	(6/1/67)	31.49	62.98	125.96	251.92	629.80	1,259.60	3.68	4.06	4.40
6½ to 7 years.....	(12/1/67)	32.13	64.28	128.52	257.04	642.60	1,285.20	3.71	4.17	4.45
7 to 7½ years.....	(6/1/68)	32.80	65.60	131.20	262.40	656.00	1,312.00	3.74	4.27	4.60
7½ to 8 years.....	(12/1/68)	33.50	67.00	134.00	268.00	670.00	1,340.00	3.78	4.26	4.67
8 to 8½ years.....	(6/1/69)	34.23	68.46	136.92	273.84	684.60	1,369.20	3.81	4.30	5.00
8½ to 9 years.....	(12/1/69)	35.00	70.00	140.00	280.00	700.00	1,400.00	3.85	4.74	5.16
9 to 9½ years.....	(6/1/70)	35.83	71.66	143.32	286.64	716.60	1,433.20	3.90	5.47	5.89

Redemption values and investment yields to first and second extended maturity on basis of June 1, 1970, revision

9½ to 10 years.....	(12/1/70)	36.81	73.62	147.24	294.48	736.20	1,472.40	3.99	6.30	6.30
<b>EXTENDED MATURITY VALUE (20 years from issue date)</b> .....	(6/1/71)	37.97	75.94	151.88	303.76	759.40	1,518.80	<sup>2</sup> 4.10		

Period after first extended maturity (beginning 20 years after issue date)	SECOND EXTENDED MATURITY PERIOD						(b) to second extended maturity <sup>1</sup>			
First ½ year.....	(6/1/71)	\$37.97	\$75.94	\$151.88	\$303.76	\$759.40	\$1,518.80	0.00	5.48	5.50
½ to 1 year.....	(12/1/71)	39.01	78.02	156.04	312.08	780.20	1,560.40	5.48	5.54	5.50
1 to 1½ years.....	(6/1/72)	40.09	80.18	160.36	320.72	801.80	1,603.60	5.51	5.49	5.50
1½ to 2 years.....	(12/1/72)	41.19	82.38	164.76	329.52	823.80	1,647.60	5.50	5.49	5.50
2 to 2½ years.....	(6/1/73)	42.32	84.64	169.28	338.56	846.40	1,692.80	5.50	5.53	5.50
2½ to 3 years.....	(12/1/73)	43.49	86.98	173.96	347.92	869.80	1,739.60	5.50	5.47	5.50
3 to 3½ years.....	(6/1/74)	44.68	89.36	178.72	357.44	893.60	1,787.20	5.50	5.51	5.50
3½ to 4 years.....	(12/1/74)	45.91	91.82	183.64	367.28	918.20	1,836.40	5.50	5.49	5.50
4 to 4½ years.....	(6/1/75)	47.17	94.34	188.68	377.36	943.40	1,886.80	5.50	5.51	5.50
4½ to 5 years.....	(12/1/75)	48.47	96.94	193.88	387.76	969.40	1,938.80	5.50	5.49	5.50
5 to 5½ years.....	(6/1/76)	49.80	99.60	199.20	398.40	996.00	1,992.00	5.50	5.50	5.50
5½ to 6 years.....	(12/1/76)	51.17	102.34	204.68	409.36	1,023.40	2,046.80	5.50	5.51	5.50
6 to 6½ years.....	(6/1/77)	52.58	105.16	210.32	420.64	1,051.60	2,103.20	5.50	5.52	5.50
6½ to 7 years.....	(12/1/77)	54.03	108.06	216.12	432.24	1,080.60	2,161.20	5.50	5.48	5.50
7 to 7½ years.....	(6/1/78)	55.51	111.02	222.04	444.08	1,110.20	2,220.40	5.50	5.51	5.50
7½ to 8 years.....	(12/1/78)	57.04	114.08	228.16	456.32	1,140.80	2,281.60	5.50	5.50	5.50
8 to 8½ years.....	(6/1/79)	58.61	117.22	234.44	468.88	1,172.20	2,344.40	5.50	5.49	5.49
8½ to 9 years.....	(12/1/79)	60.22	120.44	240.88	481.76	1,204.40	2,408.80	5.50	5.48	5.49
9 to 9½ years.....	(6/1/80)	61.87	123.74	247.48	494.96	1,237.40	2,474.80	5.50	5.53	5.50
9½ to 10 years.....	(12/1/80)	63.58	127.16	254.32	508.64	1,271.60	2,543.20	5.50	5.47	5.47
<b>SECOND EXTENDED MATURITY VALUE (20 years from issue date)</b> .....	(6/1/81)	65.32	130.64	261.28	522.56	1,306.40	2,612.80	<sup>2</sup> 5.50		

<sup>1</sup> Month, day, and year on which issues of June 1, 1951, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on first extended maturity value (or second extended maturity value)

in effect on the beginning date of the half-year period.  
<sup>1</sup> Yield on purchase price from issue date to first extended maturity date is 3.50 percent; to second extended maturity date is 4.20 percent.



## RULES AND REGULATIONS

TABLE 25

BONDS BEARING ISSUE DATE DECEMBER 1, 1951

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 10 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of each extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period (a) to first extended maturity <sup>1</sup>
	FIRST EXTENDED MATURITY PERIOD						Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/51)	\$25.37	\$50.74	\$101.48	\$202.96	\$507.40	\$1,014.80	0.00	3.55	3.73
1/2 to 1 year..... (6/1/52)	25.82	51.64	103.28	206.56	516.40	1,032.80	3.55	3.49	3.70
1 to 1 1/2 years..... (12/1/52)	26.27	52.54	105.08	210.16	525.40	1,050.80	3.52	3.58	3.78
1 1/2 to 2 years..... (6/1/53)	26.74	53.48	106.96	213.92	534.80	1,069.60	3.54	3.59	3.79
2 to 2 1/2 years..... (12/1/53)	27.22	54.44	108.88	217.76	544.40	1,088.80	3.55	3.67	3.80
2 1/2 to 3 years..... (6/1/54)	27.72	55.44	110.88	221.76	554.40	1,108.80	3.58	3.61	3.81
3 to 3 1/2 years..... (12/1/54)	28.22	56.44	112.88	225.76	564.40	1,128.80	3.58	3.69	3.82
3 1/2 to 4 years..... (6/1/55)	28.74	57.48	114.96	229.92	574.80	1,149.60	3.60	3.69	3.84
4 to 4 1/2 years..... (12/1/55)	29.27	58.54	117.08	234.16	585.40	1,170.80	3.61	3.76	4.25
4 1/2 to 5 years..... (6/1/56)	29.82	59.64	119.28	238.56	596.40	1,192.80	3.62	3.82	4.29
5 to 5 1/2 years..... (12/1/56)	30.39	60.78	121.56	243.12	607.80	1,215.60	3.64	3.95	4.34
5 1/2 to 6 years..... (6/1/57)	30.99	61.98	123.96	247.92	619.80	1,239.60	3.67	3.94	4.30
6 to 6 1/2 years..... (12/1/57)	31.60	63.20	126.40	252.80	632.00	1,264.00	3.69	4.18	4.44
6 1/2 to 7 years..... (6/1/58)	32.26	64.52	129.04	258.08	645.20	1,290.40	3.73	4.22	4.58
7 to 7 1/2 years..... (12/1/58)	32.94	65.88	131.76	263.52	658.80	1,317.60	3.77	4.25	4.64
7 1/2 to 8 years..... (6/1/59)	33.64	67.28	134.56	269.12	672.80	1,345.60	3.80	4.40	5.00
8 to 8 1/2 years..... (12/1/59)	34.39	68.78	137.56	275.12	687.80	1,375.60	3.84	4.71	5.13
8 1/2 to 9 years..... (6/1/60)	35.20	70.40	140.80	281.60	704.00	1,408.00	3.82	5.34	5.78
Redemption values and investment yields to first and second extended maturity on basis of June 1, 1970, revision									
9 to 9 1/2 years..... (12/1/70)	36.14	72.28	144.56	289.12	722.80	1,445.60	3.97	5.53	6.00
9 1/2 to 10 years..... (6/1/71)	37.14	74.28	148.56	297.12	742.80	1,485.60	4.05	6.46	6.46
<b>EXTENDED MATURITY VALUE (20 years from issue date)</b> ..... (12/1/71)	<b>38.34</b>	<b>76.68</b>	<b>153.36</b>	<b>306.72</b>	<b>766.80</b>	<b>1,533.60</b>	<b>4.17</b>		
Period after first extended maturity (beginning 20 years after issue date)	<b>SECOND EXTENDED MATURITY PERIOD</b>						<b>(b) to second extended maturity <sup>2</sup></b>		
First 1/2 year..... (12/1/71)	\$38.34	\$76.68	\$153.36	\$306.72	\$766.80	\$1,533.60	0.00	5.48	5.50
1/2 to 1 year..... (6/1/72)	39.39	78.78	157.56	315.12	787.80	1,575.60	5.48	5.58	5.50
1 to 1 1/2 years..... (12/1/72)	40.48	80.96	161.92	323.84	806.60	1,613.20	5.51	5.48	5.50
1 1/2 to 2 years..... (6/1/73)	41.59	83.18	166.36	332.72	831.80	1,663.60	5.50	5.48	5.50
2 to 2 1/2 years..... (12/1/73)	42.73	85.46	170.92	341.84	854.00	1,708.00	5.49	5.52	5.50
2 1/2 to 3 years..... (6/1/74)	43.91	87.82	175.64	351.28	878.20	1,756.40	5.50	5.51	5.50
3 to 3 1/2 years..... (12/1/74)	45.12	90.24	180.48	360.96	902.40	1,804.80	5.50	5.50	5.50
3 1/2 to 4 years..... (6/1/75)	46.36	92.72	185.44	370.88	927.20	1,854.40	5.50	5.48	5.50
4 to 4 1/2 years..... (12/1/75)	47.63	95.26	190.52	381.04	952.00	1,904.00	5.50	5.50	5.50
4 1/2 to 5 years..... (6/1/76)	48.94	97.88	195.76	391.52	978.80	1,957.60	5.50	5.52	5.50
5 to 5 1/2 years..... (12/1/76)	50.29	100.58	201.16	402.32	1,005.80	2,011.60	5.50	5.49	5.50
5 1/2 to 6 years..... (6/1/77)	51.67	103.34	206.68	413.36	1,033.40	2,066.80	5.50	5.50	5.50
6 to 6 1/2 years..... (12/1/77)	53.09	106.18	212.36	424.72	1,061.80	2,123.60	5.50	5.50	5.50
6 1/2 to 7 years..... (6/1/78)	54.55	109.10	218.20	436.40	1,091.00	2,182.00	5.50	5.50	5.50
7 to 7 1/2 years..... (12/1/78)	56.05	112.10	224.20	448.40	1,121.00	2,242.00	5.50	5.50	5.50
7 1/2 to 8 years..... (6/1/79)	57.59	115.18	230.36	460.72	1,151.80	2,303.60	5.50	5.52	5.50
8 to 8 1/2 years..... (12/1/79)	59.18	118.36	236.72	473.44	1,183.60	2,367.20	5.50	5.51	5.50
8 1/2 to 9 years..... (6/1/80)	60.81	121.62	243.24	486.48	1,216.20	2,432.40	5.50	5.49	5.49
9 to 9 1/2 years..... (12/1/80)	62.48	124.96	249.92	499.84	1,249.60	2,499.20	5.50	5.51	5.49
9 1/2 to 10 years..... (6/1/81)	64.20	128.40	256.80	513.60	1,284.00	2,568.00	5.50	5.48	5.48
<b>SECOND EXTENDED MATURITY VALUE (30 years from issue date)</b> ..... (12/1/81)	<b>65.96</b>	<b>131.92</b>	<b>263.84</b>	<b>527.68</b>	<b>1,319.20</b>	<b>2,638.40</b>	<b>5.50</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1951, enter each period.<sup>2</sup> Based on first extended maturity value (or second extended maturity value) in effect on the beginning date of the half-year period.<sup>3</sup> Yield on purchase price from issue date to first extended maturity date is 3.61 percent; to second extended maturity date is 4.24 percent.



TABLE 26

BONDS BEARING ISSUE DATES FROM JANUARY 1 THROUGH APRIL 1, 1952

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 10 years after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)						(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD						Percent	Percent	Percent
First ½ year..... <sup>1</sup> (1/1/52)	\$25.37	\$50.74	\$101.48	\$202.96	\$507.40	\$1,014.80	0.00	3.55	3.75
½ to 1 year.....(7/1/52)	25.82	51.64	103.28	206.56	516.40	1,032.80	3.55	3.49	3.75
1 to 1½ years.....(1/1/53)	26.27	52.54	105.08	210.16	525.40	1,050.80	3.52	3.58	3.78
1½ to 2 years.....(7/1/53)	26.74	53.48	106.96	213.92	534.80	1,069.60	3.54	3.59	3.79
2 to 2½ years.....(1/1/54)	27.22	54.44	108.88	217.76	544.40	1,088.80	3.55	3.67	3.80
2½ to 3 years.....(7/1/54)	27.72	55.44	110.88	221.76	554.40	1,108.80	3.58	3.61	3.81
3 to 3½ years.....(1/1/55)	28.22	56.44	112.88	225.76	564.40	1,128.80	3.58	3.69	3.82
3½ to 4 years.....(7/1/55)	28.74	57.48	114.96	229.92	574.80	1,149.60	3.60	3.69	3.84
4 to 4½ years.....(1/1/56)	29.27	58.54	117.08	234.16	585.40	1,170.80	3.61	3.70	4.25
4½ to 5 years.....(7/1/56)	29.82	59.64	119.28	238.56	596.40	1,192.80	3.62	3.82	4.29
5 to 5½ years.....(1/1/57)	30.39	60.78	121.56	243.12	607.80	1,215.60	3.64	3.95	4.34
5½ to 6 years.....(7/1/57)	30.99	61.98	123.96	247.92	619.80	1,239.60	3.67	3.94	4.39
6 to 6½ years.....(1/1/58)	31.60	63.20	126.40	252.80	632.00	1,264.00	3.69	4.18	4.44
6½ to 7 years.....(7/1/58)	32.20	64.52	129.04	258.08	645.20	1,290.40	3.73	4.22	4.58
7 to 7½ years.....(1/1/59)	32.94	65.88	131.76	263.52	658.80	1,317.60	3.77	4.25	4.64
7½ to 8 years.....(7/1/59)	33.64	67.28	134.56	269.12	672.80	1,345.60	3.80	4.46	5.00
8 to 8½ years.....(1/1/70)	34.39	68.78	137.56	275.12	687.80	1,375.60	3.84	4.71	5.13
8½ to 9 years.....(7/1/70)	35.20	70.40	140.80	281.60	704.00	1,408.00	3.89	5.34	5.78

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

0 to 9½ years.....(1/1/71)	36.14	72.28	144.56	289.12	722.80	1,445.60	3.97	5.53	6.00
9½ to 10 years.....(7/1/71)	37.14	74.28	148.56	297.12	742.80	1,485.60	4.05	6.46	6.46
<b>EXTENDED MATURITY VALUE (20 years from issue date).....(1/1/72)</b>	<b>38.34</b>	<b>76.68</b>	<b>153.36</b>	<b>306.72</b>	<b>766.80</b>	<b>1,533.60</b>	<b>4.17</b>		

<sup>1</sup> Month, day, and year on which issues of Jan. 1, 1952, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.61 percent.

TABLE 27

BONDS BEARING ISSUE DATE MAY 1, 1952

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (1/1/52)	\$25.27	\$50.54	\$101.08	\$202.16	\$505.40	\$1,010.80	\$10,108	0.00	3.48	3.75
½ to 1 year.....(7/1/52)	25.71	51.42	102.84	205.68	514.20	1,028.40	10,284	3.48	3.58	3.76
1 to 1½ years.....(1/1/53)	26.17	52.34	104.68	209.36	523.40	1,046.80	10,468	3.53	3.59	3.77
1½ to 2 years.....(7/1/53)	26.64	53.28	106.56	213.12	532.80	1,065.60	10,656	3.55	3.60	3.79
2 to 2½ years.....(1/1/54)	27.12	54.24	108.48	216.96	542.40	1,084.80	10,848	3.56	3.61	3.80
2½ to 3 years.....(7/1/54)	27.61	55.22	110.44	220.88	552.20	1,104.40	11,044	3.57	3.62	3.81
3 to 3½ years.....(1/1/55)	28.11	56.22	112.44	224.88	562.20	1,124.40	11,244	3.58	3.63	3.82
3½ to 4 years.....(7/1/55)	28.62	57.24	114.48	228.96	572.40	1,144.80	11,448	3.59	3.70	3.84
4 to 4½ years.....(1/1/56)	29.15	58.30	116.60	233.20	583.00	1,166.00	11,660	3.60	3.77	4.25
4½ to 5 years.....(7/1/56)	29.70	59.40	118.80	237.60	594.00	1,188.00	11,880	3.62	3.84	4.30
5 to 5½ years.....(1/1/57)	30.27	60.54	121.08	242.16	605.40	1,210.80	12,108	3.64	3.96	4.34
5½ to 6 years.....(7/1/57)	30.87	61.74	123.48	246.96	617.40	1,234.80	12,348	3.67	3.95	4.38
6 to 6½ years.....(1/1/58)	31.48	62.96	125.92	251.84	629.60	1,259.20	12,592	3.70	4.13	4.44
6½ to 7 years.....(7/1/58)	32.13	64.26	128.52	257.04	642.60	1,285.20	12,852	3.73	4.23	4.58
7 to 7½ years.....(1/1/59)	32.81	65.62	131.24	262.48	656.20	1,312.40	13,124	3.77	4.27	4.64
7½ to 8 years.....(7/1/59)	33.51	67.02	134.04	268.08	670.20	1,340.40	13,404	3.80	4.48	5.00
8 to 8½ years.....(1/1/70)	34.26	68.52	137.04	274.08	685.20	1,370.40	13,704	3.84	4.67	5.13
8½ to 9 years.....(7/1/70)	35.06	70.12	140.24	280.48	701.20	1,402.40	14,024	3.89	5.36	5.78

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

9 to 9½ years.....(1/1/71)	36.00	72.00	144.00	288.00	720.00	1,440.00	14,400	3.97	5.50	5.99
9½ to 10 years.....(7/1/71)	36.99	73.98	147.96	295.92	739.80	1,479.60	14,796	4.05	6.49	6.49
<b>EXTENDED MATURITY VALUE (19 years and 8 months from issue date).....(1/1/72)</b>	<b>38.19</b>	<b>76.38</b>	<b>152.76</b>	<b>305.52</b>	<b>763.80</b>	<b>1,527.60</b>	<b>15,276</b>	<b>4.17</b>		

<sup>1</sup> Month, day, and year on which issues of May 1, 1952, enter each period.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.65 percent.



TABLE 28

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH SEPTEMBER 1, 1952

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (2/1/52)	\$25.33	\$50.66	\$101.32	\$202.64	\$506.60	\$1,013.20	\$10,132	0.00	3.55	3.75
½ to 1 year.....	(8/1/52)	25.78	51.56	103.12	206.24	515.60	1,031.20	10,312	3.55	3.49	3.76
1 to 1½ years.....	(2/1/53)	26.23	52.46	104.92	209.84	524.60	1,049.20	10,492	3.52	3.58	3.78
1½ to 2 years.....	(8/1/53)	26.70	53.40	106.80	213.60	534.00	1,068.00	10,680	3.54	3.60	3.79
2 to 2½ years.....	(2/1/54)	27.18	54.36	108.72	217.44	543.60	1,087.20	10,872	3.56	3.61	3.80
2½ to 3 years.....	(8/1/54)	27.67	55.34	110.68	221.36	553.40	1,106.80	11,068	3.57	3.60	3.81
3 to 3½ years.....	(2/1/55)	28.18	56.36	112.72	225.44	563.60	1,127.20	11,272	3.59	3.62	3.82
3½ to 4 years.....	(8/1/55)	28.69	57.38	114.76	229.52	573.80	1,147.60	11,476	3.59	3.63	3.84
4 to 4½ years.....	(2/1/56)	29.22	58.44	116.88	233.76	584.40	1,168.80	11,688	3.60	3.76	4.25
4½ to 5 years.....	(8/1/56)	29.77	59.54	119.08	238.16	595.40	1,190.80	11,908	3.62	3.83	4.30
5 to 5½ years.....	(2/1/57)	30.34	60.68	121.36	242.72	606.80	1,213.60	12,136	3.64	3.96	4.34
5½ to 6 years.....	(8/1/57)	30.94	61.88	123.76	247.52	618.80	1,237.60	12,376	3.67	4.01	4.39
6 to 6½ years.....	(2/1/58)	31.56	63.12	126.24	252.48	631.20	1,262.40	12,624	3.70	4.06	4.43
6½ to 7 years.....	(8/1/58)	32.20	64.40	128.80	257.60	644.00	1,288.00	12,880	3.73	4.29	4.59
7 to 7½ years.....	(2/1/59)	32.89	65.78	131.56	263.12	657.80	1,315.60	13,156	3.77	4.28	4.64
7½ to 8 years.....	(8/1/59)	33.59	67.18	134.36	268.72	671.80	1,343.60	13,436	3.80	4.47	5.00
8 to 8½ years.....	(2/1/60)	34.34	68.68	137.36	274.72	686.80	1,373.60	13,736	3.84	4.66	5.13
8½ to 9 years.....	(8/1/60)	35.14	70.28	140.56	281.12	702.80	1,405.60	14,056	3.89	5.35	5.79

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

9 to 9½ years.....	(2/1/71)	36.08	72.16	144.32	288.64	721.60	1,443.20	14,432	3.97	5.54	6.01
9½ to 10 years.....	(8/1/71)	37.08	74.16	148.32	296.64	741.60	1,483.20	14,832	4.05	6.47	6.47
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(2/1/72)	38.28	76.56	153.12	306.24	765.60	1,531.20	15,312	<sup>2</sup> 4.17		

<sup>1</sup> Month, day, and year on which issues of June 1, 1952, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.66 percent.

TABLE 29

## BONDS BEARING ISSUE DATES FROM OCTOBER 1 THROUGH NOVEMBER 1, 1952

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (6/1/52)	\$25.33	\$50.66	\$101.32	\$202.64	\$506.60	\$1,013.20	\$10,132	0.00	3.55	3.75
½ to 1 year.....	(12/1/52)	25.78	51.56	103.12	206.24	515.60	1,031.20	10,312	3.55	3.49	3.76
1 to 1½ years.....	(6/1/53)	26.23	52.46	104.92	209.84	524.60	1,049.20	10,492	3.52	3.58	3.78
1½ to 2 years.....	(12/1/53)	26.70	53.40	106.80	213.60	534.00	1,068.00	10,680	3.54	3.60	3.79
2 to 2½ years.....	(6/1/54)	27.18	54.36	108.72	217.44	543.60	1,087.20	10,872	3.56	3.61	3.80
2½ to 3 years.....	(12/1/54)	27.67	55.34	110.68	221.36	553.40	1,106.80	11,068	3.57	3.60	3.81
3 to 3½ years.....	(6/1/55)	28.18	56.36	112.72	225.44	563.60	1,127.20	11,272	3.59	3.62	3.82
3½ to 4 years.....	(12/1/55)	28.69	57.38	114.76	229.52	573.80	1,147.60	11,476	3.59	3.76	4.28
4 to 4½ years.....	(6/1/56)	29.22	58.44	116.92	233.84	584.60	1,169.20	11,692	3.61	3.76	4.28
4½ to 5 years.....	(12/1/56)	29.77	59.54	119.12	238.24	595.60	1,191.20	11,912	3.63	3.90	4.52
5 to 5½ years.....	(6/1/57)	30.36	60.72	121.44	242.88	607.20	1,214.40	12,144	3.66	4.02	4.37
5½ to 6 years.....	(12/1/57)	30.97	61.94	123.88	247.76	619.40	1,238.80	12,388	3.69	4.07	4.41
6 to 6½ years.....	(6/1/58)	31.60	63.20	126.40	252.80	632.00	1,264.00	12,640	3.72	4.11	4.55
6½ to 7 years.....	(12/1/58)	32.25	64.50	129.00	258.00	645.00	1,290.00	12,900	3.75	4.28	5.00
7 to 7½ years.....	(6/1/59)	32.94	65.88	131.76	263.52	658.80	1,317.60	13,176	3.79	4.37	5.13
7½ to 8 years.....	(12/1/59)	33.66	67.32	134.64	269.28	673.20	1,346.40	13,464	3.83	4.58	5.13
8 to 8½ years.....	(6/1/60)	34.43	68.86	137.72	275.44	688.00	1,377.20	13,772	3.87	5.29	5.76

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

8½ to 9 years.....	(12/1/70)	35.34	70.68	141.36	282.72	706.80	1,413.60	14,136	3.96	5.40	5.92
9 to 9½ years.....	(6/1/71)	36.31	72.62	145.24	290.48	726.20	1,452.40	14,524	4.04	5.62	6.13
9½ to 10 years.....	(12/1/71)	37.33	74.66	149.32	298.64	746.60	1,493.20	14,932	4.12	6.64	6.64
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date) (6/1/72)		38.57	77.14	154.28	308.56	771.40	1,542.80	15,428	<sup>2</sup> 4.25		

<sup>1</sup> Month, day, and year on which issues of Oct. 1, 1952, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.70 percent.



TABLE 30  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1952 THROUGH MARCH 1, 1953

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (8/1/62)	\$25.39	\$50.78	\$101.56	\$203.12	\$507.80	\$1,015.60	\$10,156	0.00	3.54	3.75
1/2 to 1 year.....	(2/1/63)	25.84	51.68	103.36	206.72	516.80	1,033.60	10,336	3.54	3.48	3.76
1 to 1 1/2 years.....	(8/1/63)	26.29	52.58	105.16	210.32	525.80	1,051.60	10,516	3.51	3.58	3.77
1 1/2 to 2 years.....	(2/1/64)	26.76	53.52	107.04	214.08	535.20	1,070.40	10,704	3.53	3.59	3.79
2 to 2 1/2 years.....	(8/1/64)	27.24	54.48	108.96	217.92	544.80	1,089.60	10,896	3.55	3.67	3.80
2 1/2 to 3 years.....	(2/1/65)	27.74	55.48	110.96	221.92	554.80	1,109.60	11,096	3.57	3.60	3.81
3 to 3 1/2 years.....	(8/1/65)	28.24	56.48	112.96	225.92	564.80	1,129.60	11,296	3.58	3.68	3.82
3 1/2 to 4 years.....	(2/1/66)	28.76	57.52	115.04	230.08	575.20	1,150.40	11,504	3.59	3.76	4.23
4 to 4 1/2 years.....	(8/1/66)	29.30	58.60	117.20	234.40	586.00	1,172.00	11,720	3.61	3.75	4.27
4 1/2 to 5 years.....	(2/1/67)	29.85	59.70	119.40	238.80	597.00	1,194.00	11,940	3.63	3.69	4.32
5 to 5 1/2 years.....	(8/1/67)	30.43	60.86	121.72	243.44	608.60	1,217.20	12,172	3.65	4.01	4.36
5 1/2 to 6 years.....	(2/1/68)	31.04	62.08	124.16	248.32	620.80	1,241.60	12,416	3.60	4.06	4.40
6 to 6 1/2 years.....	(8/1/68)	31.67	63.34	126.68	253.36	633.40	1,266.80	12,668	3.72	4.17	4.55
6 1/2 to 7 years.....	(2/1/69)	32.33	64.66	129.32	258.64	646.60	1,293.20	12,932	3.75	4.27	4.60
7 to 7 1/2 years.....	(8/1/69)	33.02	66.04	132.08	264.16	660.40	1,320.80	13,208	3.79	4.36	5.00
7 1/2 to 8 years.....	(2/1/70)	33.74	67.48	134.96	269.92	674.80	1,349.60	13,496	3.83	4.56	5.12
8 to 8 1/2 years.....	(8/1/70)	34.51	69.02	138.04	276.08	690.20	1,380.40	13,804	3.87	5.27	5.77

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

8 1/2 to 9 years.....	(2/1/71)	35.42	70.84	141.68	283.36	708.40	1,416.80	14,168	3.96	5.53	5.94
9 to 9 1/2 years.....	(8/1/71)	36.49	72.98	145.96	291.92	729.80	1,459.60	14,596	4.04	5.66	6.14
9 1/2 to 10 years.....	(2/1/72)	37.43	74.86	149.72	299.44	748.60	1,497.20	14,972	4.13	6.63	6.63
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(8/1/72)	38.67	77.34	154.68	309.36	773.40	1,546.80	15,468	<sup>3</sup> 4.25		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1952, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.71 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 31  
BONDS BEARING ISSUE DATES FROM APRIL 1 THROUGH MAY 1, 1953

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (12/1/62)	\$25.39	\$50.78	\$101.56	\$203.12	\$507.80	\$1,015.60	\$10,156	0.00	3.54	3.75
1/2 to 1 year.....	(6/1/63)	25.84	51.68	103.36	206.72	516.80	1,033.60	10,336	3.54	3.48	3.76
1 to 1 1/2 years.....	(12/1/63)	26.29	52.58	105.16	210.32	525.80	1,051.60	10,516	3.51	3.58	3.77
1 1/2 to 2 years.....	(6/1/64)	26.76	53.52	107.04	214.08	535.20	1,070.40	10,704	3.53	3.59	3.79
2 to 2 1/2 years.....	(12/1/64)	27.24	54.48	108.96	217.92	544.80	1,089.60	10,896	3.55	3.67	3.80
2 1/2 to 3 years.....	(6/1/65)	27.74	55.48	110.96	221.92	554.80	1,109.60	11,096	3.57	3.60	3.81
3 to 3 1/2 years.....	(12/1/65)	28.24	56.48	112.96	225.92	564.80	1,129.60	11,296	3.58	3.75	4.22
3 1/2 to 4 years.....	(6/1/66)	28.76	57.52	115.04	230.16	575.40	1,150.80	11,508	3.60	3.75	4.26
4 to 4 1/2 years.....	(12/1/66)	29.31	58.62	117.24	234.48	586.20	1,172.40	11,724	3.62	3.82	4.30
4 1/2 to 5 years.....	(6/1/67)	29.87	59.74	119.48	238.96	597.40	1,194.80	11,948	3.64	3.95	4.35
5 to 5 1/2 years.....	(12/1/67)	30.46	60.92	121.84	243.68	609.20	1,218.40	12,184	3.67	4.01	4.39
5 1/2 to 6 years.....	(6/1/68)	31.07	62.14	124.28	248.56	621.40	1,242.80	12,428	3.70	4.12	4.53
6 to 6 1/2 years.....	(12/1/68)	31.71	63.42	126.84	253.68	634.20	1,268.40	12,684	3.74	4.23	4.58
6 1/2 to 7 years.....	(6/1/69)	32.38	64.76	129.52	259.04	647.60	1,295.20	12,952	3.78	4.32	5.00
7 to 7 1/2 years.....	(12/1/69)	33.08	66.16	132.32	264.64	661.60	1,323.20	13,232	3.82	4.47	5.11
7 1/2 to 8 years.....	(6/1/70)	33.82	67.64	135.28	270.56	676.40	1,352.80	13,528	3.86	5.20	5.74

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

8 to 8 1/2 years.....	(12/1/70)	34.70	69.40	138.80	277.60	694.00	1,388.00	13,880	3.94	5.36	5.87
8 1/2 to 9 years.....	(6/1/71)	35.63	71.26	142.52	285.04	712.60	1,425.20	14,252	4.03	5.61	6.05
9 to 9 1/2 years.....	(12/1/71)	36.63	73.26	146.52	293.04	732.60	1,465.20	14,652	4.11	5.73	6.26
9 1/2 to 10 years.....	(6/1/72)	37.69	75.36	150.72	301.44	753.60	1,507.20	15,072	4.20	6.79	6.79
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date) (12/1/72)		38.96	77.92	155.84	311.68	779.20	1,558.40	15,584	<sup>3</sup> 4.33		

<sup>1</sup> Month, day, and year on which issues of Apr. 1, 1953, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.75 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



## RULES AND REGULATIONS

TABLE 32

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH SEPTEMBER 1, 1953

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	1 (2/1/63)	\$25.45	\$50.90	\$101.80	\$203.60	\$509.00	\$1,018.00	\$10,180	0.00	3.54	3.75
½ to 1 year.....	(8/1/63)	25.90	51.80	103.60	207.20	518.00	1,036.00	10,360	3.54	3.55	3.76
1 to 1½ years.....	(2/1/64)	26.36	52.72	105.44	210.88	527.20	1,054.40	10,544	3.57	3.57	3.77
1½ to 2 years.....	(8/1/64)	26.83	53.66	107.32	214.64	536.60	1,073.20	10,732	3.55	3.58	3.78
2 to 2½ years.....	(2/1/65)	27.31	54.62	109.24	218.48	546.20	1,092.40	10,924	3.56	3.59	3.80
2½ to 3 years.....	(8/1/65)	27.80	55.60	111.20	222.40	556.00	1,112.00	11,120	3.56	3.67	3.81
3 to 3½ years.....	(2/1/66)	28.31	56.62	113.24	226.48	566.20	1,132.40	11,324	3.58	3.74	4.22
3½ to 4 years.....	(8/1/66)	28.84	57.68	115.36	230.72	576.80	1,153.60	11,536	3.60	3.74	4.26
4 to 4½ years.....	(2/1/67)	29.38	58.76	117.52	235.04	587.60	1,175.20	11,752	3.62	3.81	4.30
4½ to 5 years.....	(8/1/67)	29.94	59.88	119.76	239.52	598.80	1,197.60	11,976	3.64	3.94	4.35
5 to 5½ years.....	(2/1/68)	30.53	61.06	122.12	244.24	610.60	1,221.20	12,212	3.67	4.06	4.39
5½ to 6 years.....	(8/1/68)	31.15	62.30	124.60	249.20	623.00	1,246.00	12,460	3.71	4.01	4.53
6 to 6½ years.....	(2/1/69)	31.78	63.56	127.12	254.24	635.60	1,271.20	12,712	3.74	4.28	4.59
6½ to 7 years.....	(8/1/69)	32.46	64.92	129.84	259.68	649.20	1,298.40	12,984	3.78	4.25	5.00
7 to 7½ years.....	(2/1/70)	33.15	66.30	132.60	265.20	663.00	1,326.00	13,260	3.81	4.59	5.12
7½ to 8 years.....	(8/1/70)	33.91	67.82	135.64	271.28	678.20	1,356.40	13,564	3.86	5.13	5.73

## Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

8 to 8½ years.....	(2/1/71)	34.78	69.56	139.12	278.24	695.60	1,391.20	13,912	3.94	5.41	5.87
8½ to 9 years.....	(8/1/71)	35.72	71.44	142.88	285.76	714.40	1,428.80	14,288	4.03	5.54	6.03
9 to 9½ years.....	(2/1/72)	36.71	73.42	146.84	293.68	734.20	1,468.40	14,684	4.11	5.77	6.28
9½ to 10 years.....	(8/1/72)	37.77	75.54	151.08	302.16	755.40	1,510.80	15,108	4.20	6.78	6.78
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(2/1/73)	39.05	78.10	156.20	312.40	781.00	1,562.00	15,620	<sup>2</sup> 4.33	.....	.....

<sup>1</sup> Month, day, and year on which issues of June 1, 1953, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.77 percent.

TABLE 33

## BONDS BEARING ISSUE DATES FROM OCTOBER 1 THROUGH NOVEMBER 1, 1953

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	1 (6/1/63)	\$25.45	\$50.90	\$101.80	\$203.60	\$509.00	\$1,018.00	\$10,180	0.00	3.54	3.75
½ to 1 year.....	(12/1/63)	25.90	51.80	103.60	207.20	518.00	1,036.00	10,360	3.54	3.55	3.76
1 to 1½ years.....	(6/1/64)	26.36	52.72	105.44	210.88	527.20	1,054.40	10,544	3.54	3.57	3.77
1½ to 2 years.....	(12/1/64)	26.83	53.66	107.32	214.64	536.60	1,073.20	10,732	3.55	3.58	3.78
2 to 2½ years.....	(6/1/65)	27.31	54.62	109.24	218.48	546.20	1,092.40	10,924	3.56	3.59	3.80
2½ to 3 years.....	(12/1/65)	27.80	55.60	111.20	222.40	556.00	1,112.00	11,120	3.56	3.74	4.21
3 to 3½ years.....	(6/1/66)	28.31	56.62	113.24	226.48	566.20	1,132.40	11,328	3.59	3.74	4.24
3½ to 4 years.....	(12/1/66)	28.85	57.70	115.40	230.80	577.00	1,154.00	11,540	3.61	3.81	4.28
4 to 4½ years.....	(6/1/67)	29.40	58.80	117.60	235.20	588.00	1,176.00	11,760	3.64	3.81	4.32
4½ to 5 years.....	(12/1/67)	29.96	59.92	119.84	239.68	599.20	1,198.40	11,984	3.66	4.01	4.37
5 to 5½ years.....	(6/1/68)	30.56	61.12	122.24	244.48	611.20	1,222.40	12,224	3.69	4.12	4.51
5½ to 6 years.....	(12/1/68)	31.19	62.38	124.76	249.52	623.80	1,247.60	12,476	3.73	4.10	4.55
6 to 6½ years.....	(6/1/69)	31.83	63.66	127.32	254.64	636.60	1,273.20	12,732	3.76	4.34	5.00
6½ to 7 years.....	(12/1/69)	32.52	65.04	130.08	260.16	650.40	1,300.80	13,008	3.81	4.31	5.09
7 to 7½ years.....	(6/1/70)	33.22	66.44	132.88	265.76	664.40	1,328.80	13,288	3.84	5.18	5.73

## Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

7½ to 8 years.....	(12/1/70)	34.08	68.16	136.32	272.64	681.60	1,363.20	13,632	3.93	5.28	5.83
8 to 8½ years.....	(6/1/71)	34.98	69.96	139.92	279.84	699.60	1,399.20	13,992	4.02	5.40	5.97
8½ to 9 years.....	(12/1/71)	35.94	71.88	143.76	287.52	718.80	1,437.60	14,376	4.10	5.68	6.14
9 to 9½ years.....	(6/1/72)	36.96	73.92	147.84	295.68	739.20	1,478.40	14,784	4.19	5.79	6.37
9½ to 10 years.....	(12/1/72)	38.03	76.06	152.12	304.24	760.60	1,521.20	15,212	4.27	6.94	6.94
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(6/1/73)	39.35	78.70	157.40	314.80	787.00	1,574.00	15,740	<sup>2</sup> 4.41	.....	.....

<sup>1</sup> Month, day, and year on which issues of Oct. 1, 1953, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.81 percent.



TABLE 34  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1953, THROUGH MARCH 1, 1954

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD										
								Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (8/1/53)	\$25.32	\$51.04	\$102.08	\$204.16	\$510.40	\$1,020.80	\$10,208	0.00	3.53	3.75
1/2 to 1 year.....	(2/1/54)	25.97	51.94	103.88	207.76	519.40	1,038.80	10,388	3.53	3.54	3.76
1 to 1 1/2 years.....	(8/1/54)	26.43	52.86	105.72	211.44	528.60	1,057.20	10,572	3.53	3.56	3.77
1 1/2 to 2 years.....	(2/1/55)	26.90	53.80	107.60	215.20	538.00	1,076.00	10,760	3.54	3.57	3.79
2 to 2 1/2 years.....	(8/1/55)	27.38	54.76	109.52	219.04	547.60	1,095.20	10,952	3.55	3.60	3.80
2 1/2 to 3 years.....	(2/1/56)	27.88	55.76	111.52	223.04	557.60	1,115.20	11,152	3.57	3.73	4.21
3 to 3 1/2 years.....	(8/1/56)	28.40	56.80	113.60	227.20	568.00	1,136.00	11,360	3.60	3.73	4.25
3 1/2 to 4 years.....	(2/1/57)	28.93	57.86	115.72	231.44	578.60	1,157.20	11,572	3.62	3.80	4.29
4 to 4 1/2 years.....	(8/1/57)	29.48	58.96	117.92	235.84	589.60	1,179.20	11,792	3.64	3.87	4.33
4 1/2 to 5 years.....	(2/1/58)	30.05	60.10	120.20	240.40	601.00	1,202.00	12,020	3.66	3.99	4.37
5 to 5 1/2 years.....	(8/1/58)	30.65	61.30	122.60	245.20	613.00	1,226.00	12,260	3.70	4.05	4.51
5 1/2 to 6 years.....	(2/1/59)	31.27	62.54	125.08	250.16	625.40	1,250.80	12,508	3.73	4.16	4.56
6 to 6 1/2 years.....	(8/1/59)	31.92	63.84	127.68	255.36	638.40	1,276.80	12,768	3.76	4.32	5.00
6 1/2 to 7 years.....	(2/1/70)	32.61	65.22	130.44	260.88	652.20	1,304.40	13,044	3.81	4.52	5.10
7 to 7 1/2 years.....	(8/1/70)	33.33	66.66	133.32	266.64	666.60	1,333.20	13,332	3.85	5.04	5.71

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

7 1/2 to 8 years.....	(2/1/71)	34.17	68.34	136.68	273.36	683.40	1,366.80	13,668	3.93	5.27	5.84
8 to 8 1/2 years.....	(8/1/71)	35.07	70.14	140.28	280.56	701.40	1,402.80	14,028	4.01	5.47	5.98
8 1/2 to 9 years.....	(2/1/72)	36.03	72.06	144.12	288.24	720.60	1,441.20	14,412	4.10	5.72	6.16
9 to 9 1/2 years.....	(8/1/72)	37.06	74.12	148.24	296.48	741.20	1,482.40	14,824	4.19	5.77	6.37
9 1/2 to 10 years.....	(2/1/73)	38.13	76.26	152.52	305.04	762.60	1,525.20	15,252	4.27	6.98	6.98
<b>EXTENDED MATURITY VALUE (19 years and 8 months from issue date)</b>	<b>(8/1/73)</b>	<b>39.46</b>	<b>78.92</b>	<b>157.84</b>	<b>315.68</b>	<b>789.20</b>	<b>1,578.40</b>	<b>15,784</b>	<b>4.41</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1953, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.82 percent.

TABLE 35

BONDS BEARING ISSUE DATES FROM APRIL 1 THROUGH MAY 1, 1954

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD										
								Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (12/1/53)	\$25.32	\$51.04	\$102.08	\$204.16	\$510.40	\$1,020.80	\$10,208	0.00	3.53	3.75
1/2 to 1 year.....	(6/1/54)	25.97	51.94	103.88	207.76	519.40	1,038.80	10,388	3.53	3.54	3.76
1 to 1 1/2 years.....	(12/1/54)	26.43	52.86	105.72	211.44	528.60	1,057.20	10,572	3.53	3.56	3.77
1 1/2 to 2 years.....	(6/1/55)	26.90	53.80	107.60	215.20	538.00	1,076.00	10,760	3.54	3.57	3.79
2 to 2 1/2 years.....	(12/1/55)	27.38	54.76	109.52	219.04	547.60	1,095.20	10,952	3.55	3.73	4.20
2 1/2 to 3 years.....	(6/1/56)	27.88	55.76	111.52	223.04	557.60	1,115.20	11,152	3.58	3.78	4.23
3 to 3 1/2 years.....	(12/1/56)	28.40	56.80	113.60	227.20	568.00	1,136.00	11,360	3.61	3.78	4.27
3 1/2 to 4 years.....	(6/1/57)	28.93	57.86	115.72	231.44	578.60	1,157.20	11,572	3.63	3.87	4.31
4 to 4 1/2 years.....	(12/1/57)	29.50	59.00	118.00	236.00	590.00	1,180.00	11,800	3.66	3.93	4.35
4 1/2 to 5 years.....	(6/1/58)	30.08	60.16	120.32	240.64	601.60	1,203.20	12,032	3.69	4.06	4.48
5 to 5 1/2 years.....	(12/1/58)	30.69	61.38	122.76	245.52	613.80	1,227.60	12,276	3.72	4.04	4.53
5 1/2 to 6 years.....	(6/1/59)	31.31	62.62	125.24	250.48	626.20	1,252.40	12,524	3.75	4.22	5.00
6 to 6 1/2 years.....	(12/1/59)	31.97	63.94	127.88	255.76	639.40	1,278.80	12,788	3.79	4.44	5.10
6 1/2 to 7 years.....	(6/1/70)	32.68	65.36	130.72	261.44	653.60	1,307.20	13,072	3.84	5.02	5.60

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

7 to 7 1/2 years.....	(12/1/70)	33.50	67.00	134.00	268.00	670.00	1,340.00	13,400	3.92	5.19	5.80
7 1/2 to 8 years.....	(6/1/71)	34.37	68.74	137.48	274.96	687.40	1,374.80	13,748	4.01	5.41	5.92
8 to 8 1/2 years.....	(12/1/71)	35.30	70.60	141.20	282.40	706.00	1,412.00	14,120	4.10	5.50	6.05
8 1/2 to 9 years.....	(6/1/72)	36.27	72.54	145.08	290.16	725.40	1,450.80	14,508	4.18	5.73	6.24
9 to 9 1/2 years.....	(12/1/72)	37.31	74.62	149.24	298.48	746.20	1,492.40	14,924	4.26	5.90	6.49
9 1/2 to 10 years.....	(6/1/73)	38.41	76.82	153.64	307.28	768.20	1,536.40	15,364	4.35	7.08	7.08
<b>EXTENDED MATURITY VALUE (19 years and 8 months from issue date)</b>	<b>(12/1/73)</b>	<b>39.77</b>	<b>79.54</b>	<b>159.08</b>	<b>318.16</b>	<b>795.40</b>	<b>1,590.80</b>	<b>15,908</b>	<b>4.49</b>		

<sup>1</sup> Month, day, and year on which issues of Apr. 1, 1954, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.96 percent.



RULES AND REGULATIONS

TABLE 36

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH SEPTEMBER 1, 1954

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	1 (2/1/54)	\$25.58	\$51.16	\$102.32	\$204.64	\$511.60	\$1,023.20	\$10,232	0.00	3.52	5.75
1/2 to 1 year.....	(8/1/54)	26.03	52.06	104.12	208.24	520.60	1,041.20	10,412	3.52	3.53	3.76
1 to 1 1/2 years.....	(2/1/55)	26.49	52.98	105.96	211.92	529.80	1,059.60	10,596	3.53	3.55	3.77
1 1/2 to 2 years.....	(8/1/55)	26.96	53.92	107.84	215.68	539.20	1,078.40	10,784	3.53	3.64	3.79
2 to 2 1/2 years.....	(2/1/56)	27.45	54.90	109.80	219.60	549.00	1,098.00	10,980	3.56	3.64	4.20
2 1/2 to 3 years.....	(8/1/56)	27.95	55.90	111.80	223.60	559.00	1,118.00	11,180	3.58	3.72	4.24
3 to 3 1/2 years.....	(2/1/57)	28.47	56.94	113.88	227.76	569.40	1,138.80	11,388	3.60	3.79	4.27
3 1/2 to 4 years.....	(8/1/57)	29.01	58.02	116.04	232.08	580.20	1,160.40	11,604	3.63	3.86	4.31
4 to 4 1/2 years.....	(2/1/58)	29.57	59.14	118.28	236.56	591.40	1,182.80	11,828	3.66	3.92	4.35
4 1/2 to 5 years.....	(8/1/58)	30.15	60.30	120.60	241.20	603.00	1,206.00	12,000	3.69	4.05	4.49
5 to 5 1/2 years.....	(2/1/59)	30.76	61.52	123.04	246.08	615.20	1,230.40	12,304	3.72	4.10	4.53
5 1/2 to 6 years.....	(8/1/59)	31.39	62.78	125.56	251.12	627.80	1,255.60	12,556	3.76	4.21	5.00
6 to 6 1/2 years.....	(2/1/70)	32.05	64.10	128.20	256.40	641.00	1,282.00	12,820	3.79	4.37	5.19
6 1/2 to 7 years.....	(8/1/70)	32.75	65.50	131.00	262.00	655.00	1,310.00	13,100	3.84	5.01	5.70

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

7 to 7 1/2 years.....	(2/1/71)	33.57	67.14	134.28	268.56	671.40	1,342.80	13,428	3.92	5.24	5.82
7 1/2 to 8 years.....	(8/1/71)	34.45	68.90	137.80	275.60	689.00	1,378.00	13,780	4.01	5.40	5.93
8 to 8 1/2 years.....	(2/1/72)	35.38	70.76	141.52	283.04	707.60	1,415.20	14,152	4.10	5.48	6.06
8 1/2 to 9 years.....	(8/1/72)	36.35	72.70	145.40	290.80	727.00	1,454.00	14,540	4.18	5.72	6.25
9 to 9 1/2 years.....	(2/1/73)	37.39	74.78	149.56	299.12	747.80	1,495.60	14,956	4.26	5.94	6.53
9 1/2 to 10 years.....	(8/1/73)	38.50	77.00	154.00	308.00	770.00	1,540.00	15,400	4.35	7.12	7.12
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(2/1/74)	39.87	79.74	159.48	318.96	797.40	1,594.80	15,948	<sup>2</sup> 4.49		

<sup>1</sup> Month, day, and year on which issues of June 1, 1954, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.87 percent.

TABLE 37

BONDS BEARING ISSUE DATES FROM OCTOBER 1 THROUGH NOVEMBER 1, 1954

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	1 (6/1/54)	\$25.58	\$51.16	\$102.32	\$204.64	\$511.60	\$1,023.20	\$10,232	0.00	3.52	3.75
1/2 to 1 year.....	(12/1/54)	26.03	52.06	104.12	208.24	520.60	1,041.20	10,412	3.52	3.53	3.76
1 to 1 1/2 years.....	(6/1/55)	26.49	52.98	105.96	211.92	529.80	1,059.60	10,596	3.53	3.55	3.77
1 1/2 to 2 years.....	(12/1/55)	26.96	53.92	107.84	215.68	539.20	1,078.40	10,784	3.53	3.71	4.19
2 to 2 1/2 years.....	(6/1/56)	27.45	54.90	109.80	219.60	549.00	1,098.00	10,984	3.58	3.64	4.22
2 1/2 to 3 years.....	(12/1/56)	27.95	55.90	111.84	223.68	559.20	1,118.40	11,184	3.59	3.72	4.26
3 to 3 1/2 years.....	(6/1/57)	28.48	56.96	113.92	227.84	569.60	1,139.20	11,392	3.61	3.80	4.30
3 1/2 to 4 years.....	(12/1/57)	29.03	58.06	116.12	232.24	580.60	1,161.20	11,612	3.65	3.93	4.33
4 to 4 1/2 years.....	(6/1/58)	29.60	59.20	118.40	236.80	592.00	1,184.00	11,840	3.68	3.92	4.47
4 1/2 to 5 years.....	(12/1/58)	30.19	60.38	120.76	241.52	603.80	1,207.60	12,076	3.72	4.04	4.51
5 to 5 1/2 years.....	(6/1/59)	30.80	61.60	123.20	246.40	616.00	1,232.00	12,320	3.75	4.16	5.00
5 1/2 to 6 years.....	(12/1/59)	31.44	62.88	125.76	251.52	628.80	1,257.60	12,576	3.79	4.33	5.19
6 to 6 1/2 years.....	(6/1/70)	32.12	64.24	128.48	256.96	642.40	1,284.80	12,848	3.83	4.92	5.70

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

6 1/2 to 7 years.....	(12/1/70)	32.91	65.82	131.64	263.28	658.20	1,316.40	13,164	3.91	5.17	5.81
7 to 7 1/2 years.....	(6/1/71)	33.76	67.52	135.04	270.08	675.20	1,350.40	13,504	4.00	5.23	5.91
7 1/2 to 8 years.....	(12/1/71)	34.66	69.32	138.64	277.28	693.20	1,386.40	13,864	4.09	5.42	6.03
8 to 8 1/2 years.....	(6/1/72)	35.60	71.20	142.40	284.80	712.00	1,424.00	14,240	4.17	5.62	6.18
8 1/2 to 9 years.....	(12/1/72)	36.60	73.20	146.40	292.80	732.00	1,464.00	14,640	4.26	5.79	6.37
9 to 9 1/2 years.....	(6/1/73)	37.66	75.32	150.64	301.28	753.20	1,506.40	15,064	4.34	6.05	6.66
9 1/2 to 10 years.....	(12/1/73)	38.80	77.60	155.20	310.40	776.00	1,552.00	15,520	4.43	7.27	7.27
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(6/1/74)	40.21	80.42	160.84	321.68	804.20	1,608.40	16,084	<sup>2</sup> 4.57		

<sup>1</sup> Month, day, and year on which issues of Oct. 1, 1954, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.92 percent.



TABLE 38  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1954, THROUGH MARCH 1, 1955

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year.....	(8/1/54)	\$25.64	\$51.28	\$102.56	\$205.12	\$410.24	\$820.48	0.00	3.51	3.75
1/2 to 1 year.....	(2/1/55)	26.09	52.18	104.36	208.72	417.44	834.88	3.51	3.53	3.76
1 to 1 1/2 years.....	(8/1/55)	26.55	53.10	106.20	212.40	424.80	849.60	3.52	3.62	3.78
1 1/2 to 2 years.....	(2/1/56)	27.03	54.06	108.12	216.24	432.48	864.96	3.55	3.63	3.79
2 to 2 1/2 years.....	(8/1/56)	27.52	55.04	110.08	220.16	440.32	880.64	3.57	3.71	3.82
2 1/2 to 3 years.....	(2/1/57)	28.03	56.06	112.12	224.24	448.48	896.96	3.60	3.71	3.86
3 to 3 1/2 years.....	(8/1/57)	28.55	57.10	114.20	228.40	456.80	913.60	3.62	3.78	3.89
3 1/2 to 4 years.....	(2/1/58)	29.09	58.18	116.36	232.72	465.44	930.88	3.64	3.69	3.93
4 to 4 1/2 years.....	(8/1/58)	29.67	59.34	118.68	237.36	474.72	949.44	3.68	3.98	4.06
4 1/2 to 5 years.....	(2/1/59)	30.26	60.52	121.04	242.08	484.16	968.32	3.72	4.03	4.31
5 to 5 1/2 years.....	(8/1/59)	30.87	61.74	123.48	246.96	494.00	987.99	3.75	4.21	5.00
5 1/2 to 6 years.....	(2/1/60)	31.52	63.04	126.08	252.16	504.32	1,008.64	3.79	4.25	5.09
6 to 6 1/2 years.....	(8/1/60)	32.19	64.38	128.76	257.52	514.04	1,028.08	3.83	4.97	5.70
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
6 1/2 to 7 years.....	(2/1/71)	32.99	65.98	131.96	263.92	527.84	1,055.68	3.92	5.13	5.80
7 to 7 1/2 years.....	(8/1/71)	33.84	67.68	135.36	270.72	541.44	1,082.88	4.00	5.32	5.91
7 1/2 to 8 years.....	(2/1/72)	34.74	69.48	138.96	277.92	555.84	1,111.68	4.09	5.41	6.03
8 to 8 1/2 years.....	(8/1/72)	35.68	71.36	142.72	285.44	570.88	1,141.76	4.17	5.66	6.18
8 1/2 to 9 years.....	(2/1/73)	36.69	73.38	146.76	293.52	586.04	1,173.08	4.26	5.78	6.36
9 to 9 1/2 years.....	(8/1/73)	37.75	75.50	151.00	302.00	602.00	1,205.00	4.31	5.93	6.64
9 1/2 to 10 years.....	(2/1/74)	38.87	77.74	155.48	310.96	617.92	1,238.88	4.43	7.36	7.36
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(8/1/74)	40.30	80.60	161.20	322.40	644.80	1,289.60	4.57		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1954, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.83 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 39  
BONDS BEARING ISSUE DATES FROM APRIL 1 THROUGH MAY 1, 1955

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year.....	(12/1/54)	\$25.64	\$51.28	\$102.56	\$205.12	\$410.24	\$820.48	0.00	3.51	3.75
1/2 to 1 year.....	(6/1/55)	26.09	52.18	104.36	208.72	417.44	834.88	3.51	3.53	3.76
1 to 1 1/2 years.....	(12/1/55)	26.55	53.10	106.20	212.40	424.80	849.60	3.52	3.60	3.78
1 1/2 to 2 years.....	(6/1/56)	27.04	54.08	108.16	216.32	432.64	865.28	3.58	3.62	3.81
2 to 2 1/2 years.....	(12/1/56)	27.53	55.06	110.12	220.24	440.48	880.96	3.59	3.71	3.86
2 1/2 to 3 years.....	(6/1/57)	28.04	56.08	112.16	224.32	448.64	897.28	3.61	3.78	3.89
3 to 3 1/2 years.....	(12/1/57)	28.57	57.14	114.28	228.56	457.12	914.24	3.64	3.85	4.01
3 1/2 to 4 years.....	(6/1/58)	29.12	58.24	116.48	232.96	465.92	931.84	3.67	3.98	4.15
4 to 4 1/2 years.....	(12/1/58)	29.70	59.40	118.80	237.60	474.80	949.60	3.71	3.97	4.19
4 1/2 to 5 years.....	(6/1/59)	30.29	60.58	121.16	242.32	483.64	967.28	3.74	4.16	5.00
5 to 5 1/2 years.....	(12/1/59)	30.92	61.84	123.68	247.36	492.72	985.44	3.78	4.27	5.08
5 1/2 to 6 years.....	(6/1/60)	31.58	63.16	126.32	252.64	501.28	1,004.56	3.82	4.88	5.67
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
6 to 6 1/2 years.....	(12/1/60)	32.35	64.70	129.40	258.80	517.60	1,035.20	3.91	5.13	5.77
6 1/2 to 7 years.....	(6/1/71)	33.18	66.36	132.72	265.44	530.88	1,061.76	4.01	5.18	5.86
7 to 7 1/2 years.....	(12/1/71)	34.04	68.08	136.16	272.32	544.64	1,093.28	4.09	5.35	5.98
7 1/2 to 8 years.....	(6/1/72)	34.95	69.90	139.80	279.60	559.20	1,128.40	4.17	5.61	6.11
8 to 8 1/2 years.....	(12/1/72)	35.93	71.86	143.72	287.44	574.88	1,166.76	4.25	5.68	6.23
8 1/2 to 9 years.....	(6/1/73)	36.95	73.90	147.80	295.60	591.20	1,207.40	4.35	5.79	6.43
9 to 9 1/2 years.....	(12/1/73)	38.02	76.04	152.08	304.16	608.32	1,250.64	4.43	6.09	6.73
9 1/2 to 10 years.....	(6/1/74)	39.16	78.32	156.64	313.28	626.56	1,305.12	4.51	7.46	7.46
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date).....	(12/1/74)	40.62	81.24	162.48	324.96	649.92	1,319.84	4.65		

<sup>1</sup> Month, day, and year on which issues of Apr. 1, 1955, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 3.97 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



TABLE 40

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH SEPTEMBER 1, 1955

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (2/1/65)	\$25.71	\$51.42	\$102.84	\$205.68	\$514.20	\$1,028.40	\$10,284	0.00	3.50	3.75
½ to 1 year..... (8/1/65)	26.16	52.32	104.64	209.28	523.20	1,046.40	10,464	3.50	3.50	3.76
1 to 1½ years..... (2/1/66)	26.63	53.26	106.52	213.04	532.60	1,065.20	10,652	3.55	3.60	4.17
1½ to 2 years..... (8/1/66)	27.11	54.22	108.44	216.88	542.20	1,084.40	10,844	3.57	3.60	4.21
2 to 2½ years..... (2/1/67)	27.61	55.22	110.44	220.88	552.20	1,104.40	11,044	3.60	3.60	4.24
2½ to 3 years..... (8/1/67)	28.12	56.24	112.48	224.96	562.40	1,124.80	11,248	3.62	3.77	4.28
3 to 3½ years..... (2/1/68)	28.65	57.30	114.60	229.20	573.00	1,146.00	11,460	3.64	3.84	4.31
3½ to 4 years..... (8/1/68)	29.20	58.40	116.80	233.60	584.00	1,168.00	11,680	3.67	3.97	4.45
4 to 4½ years..... (2/1/69)	29.78	59.56	119.12	238.24	595.60	1,191.20	11,912	3.71	3.96	4.49
4½ to 5 years..... (8/1/69)	30.37	60.74	121.48	242.96	607.40	1,214.80	12,148	3.74	4.15	5.00
5 to 5½ years..... (2/1/70)	31.00	62.00	124.00	248.00	620.00	1,240.00	12,400	3.78	4.26	5.09
5½ to 6 years..... (8/1/70)	31.66	63.32	126.64	253.28	633.20	1,266.40	12,664	3.82	4.53	5.68

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

6 to 6½ years..... (2/1/71)	32.44	64.88	129.76	259.52	648.80	1,297.60	12,976	3.91	5.12	5.77
6½ to 7 years..... (8/1/71)	33.27	66.54	133.08	266.16	665.40	1,330.80	13,308	4.01	5.17	5.86
7 to 7½ years..... (2/1/72)	34.13	68.26	136.52	273.04	682.60	1,365.20	13,652	4.09	5.45	5.98
7½ to 8 years..... (8/1/72)	35.06	70.12	140.24	280.48	701.20	1,402.40	14,024	4.18	5.53	6.09
8 to 8½ years..... (2/1/73)	36.03	72.06	144.12	288.24	720.60	1,441.20	14,412	4.26	5.66	6.23
8½ to 9 years..... (8/1/73)	37.05	74.10	148.20	296.40	741.00	1,482.00	14,820	4.35	5.78	6.41
9 to 9½ years..... (2/1/74)	38.12	76.24	152.48	304.96	762.40	1,524.80	15,248	4.42	5.98	6.73
9½ to 10 years..... (8/1/74)	39.26	78.52	157.04	314.08	785.20	1,570.40	15,704	4.51	7.49	7.49
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date)..... (2/1/75)	40.73	81.46	162.92	325.84	814.60	1,629.20	16,292	4.65		

<sup>1</sup> Month, day, and year on which issues of June 1, 1955, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 3.98 percent.

TABLE 41

## BONDS BEARING ISSUE DATES FROM OCTOBER 1 THROUGH NOVEMBER 1, 1955

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (6/1/65)	\$25.71	\$51.42	\$102.84	\$205.68	\$514.20	\$1,028.40	\$10,284	0.00	3.50	3.75
½ to 1 year..... (12/1/65)	26.16	52.32	104.64	209.28	523.20	1,046.40	10,464	3.50	3.67	4.16
1 to 1½ years..... (1/1/66)	26.64	53.28	106.56	213.12	532.80	1,065.60	10,656	3.50	3.60	4.19
1½ to 2 years..... (12/1/66)	27.12	54.24	108.48	216.96	542.40	1,084.80	10,848	3.50	3.60	4.23
2 to 2½ years..... (6/1/67)	27.62	55.24	110.48	220.96	552.40	1,104.80	11,048	3.62	3.77	4.26
2½ to 3 years..... (12/1/67)	28.14	56.28	112.56	225.12	562.80	1,125.60	11,256	3.65	3.84	4.29
3 to 3½ years..... (6/1/68)	28.68	57.36	114.72	229.44	573.60	1,147.20	11,472	3.68	3.84	4.43
3½ to 4 years..... (12/1/68)	29.23	58.46	116.92	233.84	584.60	1,169.20	11,692	3.70	3.97	4.47
4 to 4½ years..... (6/1/69)	29.81	59.62	119.24	238.48	596.20	1,192.40	11,924	3.73	4.09	5.00
4½ to 5 years..... (12/1/69)	30.42	60.84	121.68	243.36	608.40	1,216.80	12,168	3.77	4.14	5.08
5 to 5½ years..... (6/1/70)	31.05	62.10	124.20	248.40	621.00	1,242.00	12,420	3.81	4.46	5.68

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

5½ to 6 years..... (12/1/70)	31.82	63.64	127.28	254.56	636.40	1,272.80	12,728	3.91	5.03	5.70
6 to 6½ years..... (6/1/71)	32.67	65.34	130.68	260.96	652.40	1,304.80	13,048	4.01	5.09	5.85
6½ to 7 years..... (12/1/71)	33.45	66.90	133.80	267.60	669.00	1,338.00	13,380	4.09	5.32	5.96
7 to 7½ years..... (6/1/72)	34.24	68.48	137.96	274.72	688.80	1,377.60	13,796	4.18	5.53	6.09
7½ to 8 years..... (12/1/72)	35.09	70.18	141.16	282.32	705.80	1,411.60	14,116	4.27	5.61	6.17
8 to 8½ years..... (6/1/73)	36.00	72.00	144.00	288.00	720.00	1,440.00	14,400	4.35	5.68	6.31
8½ to 9 years..... (12/1/73)	37.01	74.02	148.04	296.08	740.20	1,480.40	14,804	4.43	5.90	6.52
9 to 9½ years..... (6/1/74)	38.11	76.22	152.44	304.88	760.20	1,520.40	15,204	4.51	6.00	6.82
9½ to 10 years..... (12/1/74)	39.27	78.54	157.08	314.16	780.40	1,560.80	15,608	4.59	7.63	7.63
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date)..... (6/1/75)	41.08	82.16	164.32	328.64	821.60	1,643.20	16,432	4.74		

<sup>1</sup> Month, day, and year on which issues of Oct. 1, 1955, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.63 percent.



TABLE 42

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1955, THROUGH MARCH 1, 1956

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (8/1/55)	\$25.77	\$51.54	\$103.08	\$206.16	\$515.40	\$1,030.80	\$10,308	0.00	3.49	3.75
½ to 1 year..... (2/1/56)	26.22	52.44	104.88	209.76	524.40	1,048.80	10,488	3.49	3.69	4.17
1 to 1½ years..... (8/1/56)	26.70	53.40	106.80	213.60	534.00	1,068.00	10,680	3.56	3.60	4.19
1½ to 2 years..... (2/1/57)	27.18	54.36	108.72	217.44	543.60	1,087.20	10,872	3.58	3.68	4.23
2 to 2½ years..... (8/1/57)	27.66	55.36	110.72	221.44	553.60	1,107.20	11,072	3.61	3.76	4.26
2½ to 3 years..... (2/1/58)	28.20	56.40	112.80	225.60	564.00	1,128.00	11,280	3.64	3.83	4.30
3 to 3½ years..... (8/1/58)	28.74	57.48	114.96	229.92	574.80	1,149.60	11,496	3.67	3.90	4.43
3½ to 4 years..... (2/1/59)	29.30	58.60	117.20	234.40	586.00	1,172.00	11,720	3.70	3.96	4.47
4 to 4½ years..... (8/1/59)	29.88	59.76	119.52	239.04	597.60	1,195.20	11,952	3.73	4.08	5.00
4½ to 5 years..... (2/1/60)	30.49	60.98	121.96	243.92	609.80	1,219.60	12,196	3.77	4.20	5.09
5 to 5½ years..... (8/1/60)	31.13	62.26	124.52	249.04	622.60	1,245.20	12,452	3.82	4.36	5.67
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
5½ to 6 years..... (2/1/71)	31.90	63.80	127.60	255.20	638.00	1,276.00	12,760	3.92	4.55	5.76
6 to 6½ years..... (8/1/71)	32.69	65.38	130.76	261.52	653.80	1,307.60	13,076	4.00	5.08	5.86
6½ to 7 years..... (2/1/72)	33.52	67.04	134.08	268.16	670.40	1,340.80	13,408	4.09	5.37	5.97
7 to 7½ years..... (8/1/72)	34.42	68.84	137.68	275.36	688.40	1,376.80	13,768	4.18	5.52	6.07
7½ to 8 years..... (2/1/73)	35.37	70.74	141.48	282.96	707.40	1,414.80	14,148	4.27	5.60	6.18
8 to 8½ years..... (8/1/73)	36.36	72.72	145.44	290.88	727.20	1,454.40	14,544	4.35	5.67	6.32
8½ to 9 years..... (2/1/74)	37.39	74.78	149.56	299.12	747.80	1,495.60	14,956	4.43	5.94	6.54
9 to 9½ years..... (8/1/74)	38.50	77.00	154.00	308.00	770.00	1,540.00	15,400	4.51	6.08	6.84
9½ to 10 years..... (2/1/75)	39.67	79.34	158.68	317.36	793.40	1,586.80	15,868	4.59	7.61	7.61
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date)..... (8/1/75)	41.18	82.36	164.72	329.44	823.60	1,647.20	16,472	<sup>2</sup> 4.74		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1955, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.  
<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.04 percent.

TABLE 43

BONDS BEARING ISSUE DATES FROM APRIL 1 THROUGH MAY 1, 1956

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (12/1/55)	\$25.77	\$51.54	\$103.08	\$206.16	\$515.40	\$1,030.80	\$10,308	0.00	4.11	4.15
½ to 1 year..... (6/1/56)	26.20	52.40	104.80	210.40	526.00	1,052.00	10,520	4.11	4.18	4.15
1 to 1½ years..... (12/1/56)	26.55	53.70	107.40	214.80	537.00	1,074.00	10,740	4.15	4.17	4.15
1½ to 2 years..... (6/1/57)	27.41	54.82	109.64	219.28	548.20	1,096.40	10,964	4.16	4.16	4.15
2 to 2½ years..... (12/1/57)	27.98	55.96	111.92	223.84	559.60	1,119.20	11,192	4.16	4.15	4.15
2½ to 3 years..... (6/1/58)	28.56	57.12	114.24	228.48	571.20	1,142.40	11,424	4.15	4.13	4.25
3 to 3½ years..... (12/1/58)	29.15	58.30	116.60	233.20	583.00	1,166.00	11,660	4.15	4.12	4.26
3½ to 4 years..... (6/1/59)	29.75	59.50	119.00	238.00	595.00	1,190.00	11,900	4.15	4.24	5.00
4 to 4½ years..... (12/1/59)	30.38	60.76	121.52	243.04	607.60	1,215.20	12,152	4.16	4.28	5.06
4½ to 5 years..... (6/1/60)	31.03	62.06	124.12	248.24	620.60	1,241.20	12,412	4.17	5.03	5.64
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
5 to 5½ years..... (12/1/70)	31.81	63.62	127.24	254.48	636.20	1,272.40	12,724	4.26	4.97	5.70
5½ to 6 years..... (6/1/71)	32.69	65.38	130.76	261.52	653.80	1,304.00	13,040	4.32	5.15	5.78
6 to 6½ years..... (12/1/71)	33.44	66.88	133.76	267.52	668.80	1,337.60	13,376	4.39	5.32	5.86
6½ to 7 years..... (6/1/72)	34.33	68.66	137.32	274.64	686.60	1,373.20	13,732	4.46	5.36	5.94
7 to 7½ years..... (12/1/72)	35.25	70.50	141.00	282.00	705.00	1,410.00	14,100	4.53	5.50	6.03
7½ to 8 years..... (6/1/73)	36.22	72.44	144.88	289.76	724.40	1,448.80	14,488	4.59	5.63	6.14
8 to 8½ years..... (12/1/73)	37.24	74.48	148.96	297.92	744.80	1,489.60	14,896	4.66	5.69	6.26
8½ to 9 years..... (6/1/74)	38.30	76.60	153.20	306.40	766.00	1,532.00	15,320	4.72	5.85	6.46
9 to 9½ years..... (12/1/74)	39.42	78.84	157.68	315.36	788.40	1,576.80	15,768	4.78	5.94	6.76
9½ to 10 years..... (6/1/75)	40.59	81.18	162.36	324.72	811.80	1,623.60	16,236	4.84	7.29	7.59
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date) (12/1/75)	42.13	84.26	168.52	337.04	842.60	1,685.20	16,852	<sup>2</sup> 4.98		

<sup>1</sup> Month, day, and year on which issues of Apr. 1, 1956, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.  
<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.16 percent.



## RULES AND REGULATIONS

TABLE 44

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH SEPTEMBER 1, 1955

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (2/1/66)	\$25.53	\$51.06	\$103.32	\$206.64	\$516.60	\$1,033.20	\$10,332	0.00	4.18	4.15
½ to 1 year..... (8/1/66)	26.37	52.74	105.48	210.96	527.40	1,054.80	10,548	4.18	4.10	4.15
1 to 1½ years..... (2/1/67)	26.91	53.82	107.64	215.28	538.20	1,076.40	10,764	4.14	4.16	4.15
1½ to 2 years..... (8/1/67)	27.47	54.94	109.88	219.76	549.40	1,098.80	10,988	4.15	4.15	4.15
2 to 2½ years..... (2/1/68)	28.04	56.08	112.16	224.32	560.80	1,121.60	11,216	4.15	4.14	4.15
2½ to 3 years..... (8/1/68)	28.62	57.24	114.48	228.96	572.40	1,144.80	11,448	4.15	4.19	4.25
3 to 3½ years..... (2/1/69)	29.22	58.44	116.88	233.76	584.40	1,168.80	11,688	4.15	4.11	4.26
3½ to 4 years..... (8/1/69)	29.82	59.64	119.28	238.56	596.40	1,192.80	11,928	4.15	4.23	5.00
4 to 4½ years..... (2/1/70)	30.45	60.90	121.80	243.60	609.00	1,218.00	12,180	4.16	4.27	5.07
4½ to 5 years..... (8/1/70)	31.10	62.20	124.40	248.80	622.00	1,244.00	12,440	4.17	5.02	5.64
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
5 to 5½ years..... (2/1/71)	31.88	63.76	127.52	255.04	637.60	1,275.20	12,752	4.25	5.02	5.70
5½ to 6 years..... (8/1/71)	32.68	65.36	130.72	261.44	653.60	1,307.20	13,072	4.32	5.14	5.78
6 to 6½ years..... (2/1/72)	33.52	67.04	134.08	268.16	670.40	1,340.80	13,408	4.39	5.25	5.80
6½ to 7 years..... (8/1/72)	34.40	68.80	137.60	275.20	688.00	1,376.00	13,760	4.46	5.41	5.95
7 to 7½ years..... (2/1/73)	35.33	70.66	141.32	282.64	706.60	1,413.20	14,132	4.52	5.55	6.04
7½ to 8 years..... (8/1/73)	36.31	72.62	145.24	290.48	726.20	1,452.40	14,524	4.59	5.66	6.13
8 to 8½ years..... (2/1/74)	37.32	74.64	149.28	298.56	746.40	1,492.80	14,928	4.65	5.68	6.28
8½ to 9 years..... (8/1/74)	38.38	76.76	153.52	307.04	767.60	1,535.20	15,352	4.71	5.80	6.48
9 to 9½ years..... (2/1/75)	39.51	79.02	158.04	316.08	790.20	1,580.40	15,804	4.78	5.92	6.77
9½ to 10 years..... (8/1/75)	40.68	81.36	162.72	325.44	813.60	1,627.20	16,272	4.84	7.62	7.62
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date)..... (2/1/76)	42.23	84.46	168.92	337.84	844.60	1,689.20	16,892	4.98		

<sup>1</sup> Month, day, and year on which issues of June 1, 1956, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year

period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.17 percent.

TABLE 45

## BONDS BEARING ISSUE DATES FROM OCTOBER 1 THROUGH NOVEMBER 1, 1956

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First ½ year..... <sup>1</sup> (6/1/66)	\$25.53	\$51.06	\$103.32	\$206.64	\$516.60	\$1,033.20	\$10,332	0.00	4.18	4.15
½ to 1 year..... (12/1/66)	26.37	52.74	105.48	210.96	527.40	1,054.80	10,548	4.18	4.10	4.15
1 to 1½ years..... (6/1/67)	26.91	53.82	107.64	215.28	538.20	1,076.40	10,764	4.14	4.16	4.15
1½ to 2 years..... (12/1/67)	27.47	54.94	109.88	219.76	549.40	1,098.80	10,988	4.15	4.15	4.15
2 to 2½ years..... (6/1/68)	28.04	56.08	112.16	224.32	560.80	1,121.60	11,216	4.15	4.14	4.15
2½ to 3 years..... (12/1/68)	28.62	57.24	114.48	228.96	572.40	1,144.80	11,448	4.15	4.19	4.25
3 to 3½ years..... (6/1/69)	29.22	58.44	116.88	233.76	584.40	1,168.80	11,688	4.15	4.18	5.00
3½ to 4 years..... (12/1/69)	29.82	59.64	119.28	238.56	596.40	1,192.80	11,932	4.16	4.29	5.06
4 to 4½ years..... (6/1/70)	30.47	60.94	121.88	243.76	609.40	1,218.80	12,188	4.17	4.92	5.63
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
4½ to 5 years..... (12/1/70)	31.22	62.44	124.88	249.76	624.40	1,248.80	12,488	4.26	5.06	5.69
5 to 5½ years..... (6/1/71)	32.01	64.02	128.04	256.08	640.20	1,280.40	12,804	4.34	5.12	5.76
5½ to 6 years..... (12/1/71)	32.83	65.66	131.32	262.64	656.60	1,313.20	13,132	4.41	5.24	5.83
6 to 6½ years..... (6/1/72)	33.69	67.38	134.76	269.52	673.80	1,347.60	13,476	4.48	5.28	5.90
6½ to 7 years..... (12/1/72)	34.58	69.16	138.32	276.64	691.60	1,383.20	13,832	4.54	5.49	5.99
7 to 7½ years..... (6/1/73)	35.53	71.06	142.12	284.24	710.60	1,421.20	14,212	4.61	5.67	6.07
7½ to 8 years..... (12/1/73)	36.52	73.04	146.08	292.16	730.40	1,460.80	14,608	4.67	5.64	6.17
8 to 8½ years..... (6/1/74)	37.55	75.10	150.20	300.40	751.00	1,502.00	15,020	4.73	5.75	6.30
8½ to 9 years..... (12/1/74)	38.63	77.26	154.52	309.04	772.60	1,545.20	15,452	4.79	5.85	6.48
9 to 9½ years..... (6/1/75)	39.76	79.52	159.04	318.08	795.20	1,590.40	15,904	4.85	5.99	6.80
9½ to 10 years..... (12/1/75)	40.95	81.90	163.80	327.60	819.60	1,638.00	16,380	4.91	7.62	7.62
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date (6/1/76)	42.51	85.02	170.04	340.08	850.20	1,700.40	17,004	5.04		

<sup>1</sup> Month, day, and year on which issues of Oct. 1, 1956, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.21 percent.



TABLE 46

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1956, THROUGH JANUARY 1, 1957

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 9 years 8 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year.....	<sup>1</sup> (8/1/66)	\$28.97	\$51.94	\$103.88	\$207.76	\$519.40	\$1,038.80	0.00	4.16	4.15
1/2 to 1 year.....	(2/1/67)	30.51	53.02	106.04	212.08	530.20	1,060.40	4.16	4.15	4.15
1 to 1 1/2 years.....	(8/1/67)	27.06	54.12	108.24	216.48	541.20	1,082.40	4.15	4.14	4.15
1 1/2 to 2 years.....	(2/1/68)	27.62	55.24	110.48	220.96	552.40	1,104.80	4.15	4.13	4.15
2 to 2 1/2 years.....	(8/1/68)	28.19	56.38	112.76	225.52	563.80	1,127.60	4.14	4.10	4.25
2 1/2 to 3 years.....	(2/1/69)	28.78	57.56	115.12	230.24	575.60	1,151.20	4.15	4.17	4.26
3 to 3 1/2 years.....	(8/1/69)	29.38	58.76	117.52	235.04	587.60	1,175.20	4.15	4.22	5.09
3 1/2 to 4 years.....	(2/1/70)	30.00	60.00	120.00	240.00	600.00	1,200.00	4.16	4.27	5.06
4 to 4 1/2 years.....	(8/1/70)	30.64	61.28	122.56	245.12	612.80	1,225.60	4.18	4.50	5.63
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
4 1/2 to 5 years.....	(2/1/71)	31.29	62.78	125.56	251.12	627.80	1,255.60	4.20	5.03	5.70
5 to 5 1/2 years.....	(8/1/71)	32.18	64.36	128.72	257.44	643.60	1,287.20	4.33	5.10	5.76
5 1/2 to 6 years.....	(2/1/72)	33.00	66.00	132.00	264.00	660.00	1,320.00	4.40	5.27	5.84
6 to 6 1/2 years.....	(8/1/72)	33.87	67.74	135.48	270.96	677.40	1,354.80	4.48	5.31	5.91
6 1/2 to 7 years.....	(2/1/73)	34.77	69.54	139.08	278.16	695.40	1,390.80	4.54	5.46	5.99
7 to 7 1/2 years.....	(8/1/73)	35.72	71.44	142.88	285.76	714.40	1,428.80	4.61	5.54	6.08
7 1/2 to 8 years.....	(2/1/74)	36.71	73.42	146.84	293.68	734.20	1,468.40	4.67	5.61	6.19
8 to 8 1/2 years.....	(8/1/74)	37.74	75.48	150.96	301.92	754.80	1,509.60	4.73	5.78	6.33
8 1/2 to 9 years.....	(2/1/75)	38.83	77.66	155.32	310.64	776.60	1,553.20	4.79	5.87	6.52
9 to 9 1/2 years.....	(8/1/75)	39.97	79.94	159.88	319.76	799.40	1,598.80	4.85	6.00	6.84
9 1/2 to 10 years.....	(2/1/76)	41.17	82.34	164.68	329.36	823.40	1,646.80	4.91	7.08	7.68
<b>EXTENDED MATURITY VALUE</b> (19 years and 8 months from issue date)	(8/1/76)	42.75	85.50	171.00	342.00	855.00	1,710.00	<sup>3</sup> 5.05		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1956, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.23 percent.

TABLE 47

BONDS BEARING ISSUE DATES FROM FEBRUARY 1 THROUGH MAY 1, 1957

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year.....	<sup>1</sup> (1/1/66)	\$25.80	\$51.60	\$103.20	\$206.40	\$516.00	\$1,032.00	0.00	4.19	4.15
1/2 to 1 year.....	(7/1/66)	26.34	52.68	105.36	210.72	526.80	1,053.60	4.19	4.10	4.15
1 to 1 1/2 years.....	(1/1/67)	26.88	53.76	107.52	215.04	537.60	1,075.20	4.14	4.17	4.15
1 1/2 to 2 years.....	(7/1/67)	27.44	54.88	109.76	219.52	548.80	1,097.60	4.15	4.15	4.15
2 to 2 1/2 years.....	(1/1/68)	28.01	56.02	112.04	224.08	560.20	1,120.40	4.15	4.15	4.15
2 1/2 to 3 years.....	(7/1/68)	28.59	57.18	114.36	228.72	571.80	1,143.60	4.15	4.14	4.15
3 to 3 1/2 years.....	(1/1/69)	29.18	58.36	116.72	233.44	583.60	1,167.20	4.15	4.15	4.25
3 1/2 to 4 years.....	(7/1/69)	29.79	59.58	119.16	238.32	595.80	1,191.60	4.15	4.18	4.26
4 to 4 1/2 years.....	(1/1/70)	30.42	60.84	121.68	243.36	608.40	1,216.80	4.16	4.25	5.00
4 1/2 to 5 years.....	(7/1/70)	31.07	62.14	124.28	248.56	621.40	1,242.80	4.17	4.27	5.07
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
5 to 5 1/2 years.....	(1/1/71)	31.84	63.68	127.36	254.72	636.80	1,273.60	4.25	5.03	5.70
5 1/2 to 6 years.....	(7/1/71)	32.64	65.28	130.56	261.12	652.80	1,305.60	4.32	5.15	5.78
6 to 6 1/2 years.....	(1/1/72)	33.48	66.96	133.92	267.84	669.60	1,339.20	4.39	5.32	5.86
6 1/2 to 7 years.....	(7/1/72)	34.37	68.74	137.48	274.96	687.40	1,374.80	4.46	5.35	5.94
7 to 7 1/2 years.....	(1/1/73)	35.29	70.58	141.16	282.32	705.80	1,411.60	4.53	5.50	6.03
7 1/2 to 8 years.....	(7/1/73)	36.20	72.42	145.04	290.08	725.20	1,450.40	4.59	5.63	6.14
8 to 8 1/2 years.....	(1/1/74)	37.28	74.56	149.12	298.24	745.60	1,491.20	4.65	5.69	6.27
8 1/2 to 9 years.....	(7/1/74)	38.34	76.68	153.36	306.72	766.80	1,533.60	4.71	5.80	6.47
9 to 9 1/2 years.....	(1/1/75)	39.47	78.94	157.88	315.76	789.40	1,578.80	4.78	5.88	6.75
9 1/2 to 10 years.....	(7/1/75)	40.63	81.26	162.52	325.04	812.60	1,625.20	4.84	7.63	7.63
<b>EXTENDED MATURITY VALUE</b> (18 years and 11 months from issue date)	(1/1/76)	42.18	84.36	168.72	337.44	845.60	1,687.20	<sup>3</sup> 4.98		

<sup>1</sup> Month, day, and year on which issues of Feb. 1, 1957, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.33 percent.



## RULES AND REGULATIONS

TABLE 48

## BONDS BEARING ISSUE DATE JUNE 1, 1957

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	(5/1/66)	\$25.91	\$51.82	\$103.64	\$207.28	\$518.20	\$1,036.40	\$10,364	0.00	4.17	4.15
½ to 1 year.....	(11/1/66)	26.45	52.90	105.80	211.60	529.00	1,058.00	10,580	4.17	4.16	4.15
1 to 1½ years.....	(5/1/67)	27.00	54.00	108.00	216.00	540.00	1,080.00	10,800	4.16	4.15	4.15
1½ to 2 years.....	(11/1/67)	27.56	55.12	110.24	220.48	551.20	1,102.40	11,024	4.16	4.14	4.15
2 to 2½ years.....	(5/1/68)	28.13	56.26	112.52	225.04	562.60	1,125.20	11,252	4.15	4.12	4.25
2½ to 3 years.....	(11/1/68)	28.71	57.42	114.84	229.68	574.20	1,148.40	11,484	4.15	4.18	4.26
3 to 3½ years.....	(5/1/69)	29.31	58.62	117.24	234.48	586.20	1,172.40	11,724	4.15	4.16	4.26
3½ to 4 years.....	(11/1/69)	29.92	59.84	119.68	239.36	598.40	1,196.80	11,968	4.15	4.21	5.00
4 to 4½ years.....	(5/1/70)	30.55	61.10	122.20	244.40	611.00	1,222.00	12,220	4.16	4.25	5.07
4½ to 5 years.....	(11/1/70)	31.20	62.40	124.80	249.60	624.00	1,248.00	12,480	4.17	5.00	5.64
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
5 to 5½ years.....	(5/1/71)	31.98	63.96	127.92	255.84	639.60	1,279.20	12,792	4.25	5.00	5.71
5½ to 6 years.....	(11/1/71)	32.78	65.56	131.12	262.24	655.60	1,311.20	13,112	4.22	5.19	5.78
6 to 6½ years.....	(5/1/72)	33.63	67.26	134.52	269.04	672.60	1,345.20	13,452	4.20	5.29	5.86
6½ to 7 years.....	(11/1/72)	34.52	69.04	138.08	276.16	690.40	1,380.80	13,808	4.46	5.33	5.94
7 to 7½ years.....	(5/1/73)	35.44	70.88	141.76	283.52	708.80	1,417.60	14,176	4.52	5.47	6.04
7½ to 8 years.....	(11/1/73)	36.41	72.82	145.64	291.28	728.20	1,456.40	14,564	4.59	5.60	6.16
8 to 8½ years.....	(5/1/74)	37.43	74.86	149.72	299.44	748.00	1,497.20	14,972	4.65	5.72	6.30
8½ to 9 years.....	(11/1/74)	38.50	77.00	154.00	308.00	770.00	1,540.00	15,400	4.71	5.82	6.49
9 to 9½ years.....	(5/1/75)	39.62	79.24	158.48	316.96	792.40	1,584.80	15,848	4.78	5.96	6.82
9½ to 10 years.....	(11/1/75)	40.80	81.60	163.20	326.40	816.00	1,632.00	16,320	4.84	7.70	7.70
<b>EXTENDED MATURITY VALUE</b> (18 years and 11 months from issue date).....	(5/1/76)	42.37	84.74	169.48	338.96	847.40	1,694.80	16,948	5.48		

<sup>1</sup> Month, day, and year on which issues of June 1, 1957, enter each period.<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.36 percent.<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 49

## BONDS BEARING ISSUE DATES FROM JULY 1 THROUGH NOVEMBER 1, 1957

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year.....	(6/1/66)	\$25.91	\$51.82	\$103.64	\$207.28	\$518.20	\$1,036.40	\$10,364	0.00	4.17	4.15
½ to 1 year.....	(12/1/66)	26.45	52.90	105.80	211.60	529.00	1,058.00	10,580	4.17	4.16	4.15
1 to 1½ years.....	(6/1/67)	27.00	54.00	108.00	216.00	540.00	1,080.00	10,800	4.16	4.15	4.15
1½ to 2 years.....	(12/1/67)	27.56	55.12	110.24	220.48	551.20	1,102.40	11,024	4.16	4.14	4.15
2 to 2½ years.....	(6/1/68)	28.13	56.26	112.52	225.04	562.60	1,125.20	11,252	4.15	4.12	4.25
2½ to 3 years.....	(12/1/68)	28.71	57.42	114.84	229.68	574.20	1,148.40	11,484	4.15	4.18	4.26
3 to 3½ years.....	(6/1/69)	29.31	58.62	117.24	234.48	586.20	1,172.40	11,724	4.15	4.23	5.00
3½ to 4 years.....	(12/1/69)	29.93	59.86	119.72	239.44	598.60	1,197.20	11,972	4.16	4.28	5.06
4 to 4½ years.....	(6/1/70)	30.57	61.14	122.28	244.56	611.40	1,222.80	12,228	4.18	4.91	5.62
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
4½ to 5 years.....	(12/1/70)	31.32	62.64	125.28	250.56	626.40	1,252.80	12,528	4.26	5.04	5.69
5 to 5½ years.....	(6/1/71)	32.11	64.22	128.44	256.88	642.20	1,284.40	12,844	4.34	5.11	5.75
5½ to 6 years.....	(12/1/71)	32.93	65.86	131.72	263.44	658.60	1,317.20	13,172	4.41	5.22	5.83
6 to 6½ years.....	(6/1/72)	33.79	67.58	135.16	270.32	675.80	1,351.60	13,516	4.47	5.33	5.90
6½ to 7 years.....	(12/1/72)	34.69	69.38	138.76	277.52	693.80	1,387.60	13,876	4.54	5.46	5.98
7 to 7½ years.....	(6/1/73)	35.63	71.26	142.52	285.04	712.60	1,425.20	14,252	4.60	5.56	6.08
7½ to 8 years.....	(12/1/73)	36.62	73.24	146.48	292.96	732.40	1,464.80	14,648	4.67	5.68	6.18
8 to 8½ years.....	(6/1/74)	37.66	75.32	150.64	301.28	753.20	1,506.40	15,064	4.73	5.74	6.31
8½ to 9 years.....	(12/1/74)	38.74	77.48	154.96	309.92	774.80	1,549.60	15,496	4.79	5.83	6.50
9 to 9½ years.....	(6/1/75)	39.87	79.74	159.48	318.96	797.40	1,594.80	15,948	4.85	6.02	6.83
9½ to 10 years.....	(12/1/75)	41.07	82.14	164.28	328.56	821.40	1,642.80	16,428	4.91	7.65	7.65
<b>EXTENDED MATURITY VALUE</b> (18 years and 11 months from issue date) (6/1/76)		42.64	85.28	170.56	341.12	852.80	1,705.60	17,056	5.04		

<sup>1</sup> Month, day, and year on which issues of July 1, 1957, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.30 percent.<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



TABLE 50

BONDS BEARING ISSUE DATE DECEMBER 1, 1957

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (11/1/56)	\$20.03	\$32.06	\$104.12	\$208.24	\$520.60	\$1,041.20	\$10,412	0.00	4.15	4.15
1/2 to 1 year..... (5/1/57)	20.57	33.14	106.28	212.56	531.40	1,062.80	10,628	4.15	4.14	4.15
1 to 1 1/2 years..... (11/1/57)	27.12	54.24	108.48	216.96	542.40	1,084.80	10,848	4.14	4.13	4.15
1 1/2 to 2 years..... (5/1/58)	27.68	55.36	110.72	221.44	553.60	1,107.20	11,072	4.14	4.10	4.25
2 to 2 1/2 years..... (11/1/58)	28.26	56.52	113.04	226.08	565.20	1,130.40	11,304	4.15	4.18	4.26
2 1/2 to 3 years..... (5/1/59)	28.85	57.70	115.40	230.80	577.00	1,154.00	11,540	4.16	4.09	4.26
3 to 3 1/2 years..... (11/1/59)	29.44	58.88	117.76	235.52	588.80	1,177.60	11,776	4.15	4.21	5.00
3 1/2 to 4 years..... (5/1/60)	30.06	60.12	120.24	240.48	601.20	1,202.40	12,024	4.16	4.32	5.06
4 to 4 1/2 years..... (11/1/60)	30.71	61.42	122.84	245.68	614.20	1,228.40	12,284	4.18	4.88	5.62
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
4 1/2 to 5 years..... (5/1/71)	31.46	62.92	125.84	251.68	629.20	1,258.40	12,584	4.26	5.02	5.69
5 to 5 1/2 years..... (11/1/71)	32.25	64.50	129.00	258.00	645.00	1,290.00	12,900	4.33	5.15	5.70
5 1/2 to 6 years..... (5/1/72)	33.08	66.16	132.32	264.64	661.60	1,323.20	13,232	4.41	5.20	5.82
6 to 6 1/2 years..... (11/1/72)	33.94	67.88	135.76	271.52	678.80	1,357.60	13,576	4.47	5.26	5.90
6 1/2 to 7 years..... (5/1/73)	34.85	69.70	139.40	278.80	697.00	1,394.00	13,940	4.51	5.39	5.98
7 to 7 1/2 years..... (11/1/73)	35.79	71.58	143.16	286.32	715.80	1,431.60	14,316	4.60	5.53	6.08
7 1/2 to 8 years..... (5/1/74)	36.78	73.56	147.12	294.24	735.60	1,471.20	14,712	4.66	5.66	6.19
8 to 8 1/2 years..... (11/1/74)	37.82	75.64	151.28	302.56	756.40	1,512.80	15,128	4.72	5.71	6.32
8 1/2 to 9 years..... (5/1/75)	38.90	77.80	155.60	311.20	778.00	1,556.00	15,560	4.78	5.81	6.52
9 to 9 1/2 years..... (11/1/75)	40.03	80.06	160.12	320.24	800.60	1,601.20	16,012	4.84	6.00	6.88
9 1/2 to 10 years..... (5/1/76)	41.23	82.46	164.92	329.84	824.00	1,648.00	16,480	4.90	7.76	7.76
<b>EXTENDED MATURITY VALUE (18 years and 11 months from issue date)</b> (11/1/76)	<b>42.83</b>	<b>85.66</b>	<b>171.32</b>	<b>342.64</b>	<b>856.60</b>	<b>1,713.20</b>	<b>17,132</b>	<b>5.04</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1957, enter each period.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.41 percent.

TABLE 51

BONDS BEARING ISSUE DATES FROM JANUARY 1 THROUGH MAY 1, 1958

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/56)	\$20.03	\$32.06	\$104.12	\$208.24	\$520.60	\$1,041.20	\$10,412	0.00	4.15	4.15
1/2 to 1 year..... (6/1/57)	20.57	33.14	106.28	212.56	531.40	1,062.80	10,628	4.15	4.14	4.15
1 to 1 1/2 years..... (12/1/57)	27.12	54.24	108.48	216.96	542.40	1,084.80	10,848	4.14	4.13	4.15
1 1/2 to 2 years..... (6/1/58)	27.68	55.36	110.72	221.44	553.60	1,107.20	11,072	4.14	4.10	4.25
2 to 2 1/2 years..... (12/1/58)	28.26	56.52	113.04	226.08	565.20	1,130.40	11,304	4.15	4.18	4.26
2 1/2 to 3 years..... (6/1/59)	28.85	57.70	115.40	230.80	577.00	1,154.00	11,540	4.16	4.16	5.00
3 to 3 1/2 years..... (12/1/59)	29.45	58.90	117.80	235.60	589.00	1,178.00	11,780	4.16	4.28	5.06
3 1/2 to 4 years..... (6/1/60)	30.08	60.16	120.32	240.64	601.60	1,203.20	12,032	4.17	4.99	5.62
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
4 to 4 1/2 years..... (12/1/70)	30.83	61.66	123.32	246.64	616.60	1,233.20	12,332	4.28	4.87	5.67
4 1/2 to 5 years..... (6/1/71)	31.58	63.16	126.32	252.64	631.60	1,263.20	12,632	4.34	5.13	5.74
5 to 5 1/2 years..... (12/1/71)	32.39	64.78	129.56	259.12	647.80	1,295.60	12,956	4.42	5.19	5.81
5 1/2 to 6 years..... (6/1/72)	33.23	66.46	132.92	265.84	664.60	1,329.20	13,292	4.49	5.30	5.87
6 to 6 1/2 years..... (12/1/72)	34.11	68.22	136.44	272.88	682.20	1,364.40	13,644	4.56	5.45	5.95
6 1/2 to 7 years..... (6/1/73)	35.04	70.08	140.16	280.32	700.80	1,401.60	14,016	4.63	5.42	6.02
7 to 7 1/2 years..... (12/1/73)	35.99	71.98	143.96	287.92	719.80	1,439.60	14,396	4.68	5.66	6.12
7 1/2 to 8 years..... (6/1/74)	36.98	73.98	147.96	295.92	739.80	1,479.60	14,796	4.74	5.79	6.23
8 to 8 1/2 years..... (12/1/74)	38.06	76.12	152.24	304.48	761.20	1,522.40	15,224	4.81	5.73	6.34
8 1/2 to 9 years..... (6/1/75)	39.15	78.30	156.60	313.20	783.00	1,566.00	15,660	4.80	5.93	6.54
9 to 9 1/2 years..... (12/1/75)	40.31	80.62	161.24	322.48	806.20	1,612.40	16,124	4.92	6.95	6.85
9 1/2 to 10 years..... (6/1/76)	41.51	83.02	166.04	332.08	830.20	1,660.40	16,604	4.97	7.76	7.76
<b>EXTENDED MATURITY VALUE (18 years and 11 months from issue date)</b> (12/1/76)	<b>43.12</b>	<b>86.24</b>	<b>172.48</b>	<b>344.96</b>	<b>862.40</b>	<b>1,724.80</b>	<b>17,248</b>	<b>5.11</b>		

<sup>1</sup> Month, day, and year on which issues of Jan. 1, 1958, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.45 percent.



## RULES AND REGULATIONS

TABLE 52  
BONDS BEARING ISSUE DATE JUNE 1, 1958

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>	
EXTENDED MATURITY PERIOD											
First 1/2 year.....	1 (5/1/67)	\$26.14	\$52.28	\$104.56	\$209.12	\$522.80	\$1,045.60	\$10,456	Percent	Percent	Percent
1/2 to 1 year.....	(11/1/67)	26.68	53.36	106.72	213.44	533.60	1,067.20	10,672	4.13	4.20	4.15
1 to 1 1/2 years.....	(5/1/68)	27.24	54.48	108.96	217.92	544.80	1,089.60	10,896	4.16	4.11	4.25
1 1/2 to 2 years.....	(11/1/68)	27.80	55.60	111.20	222.40	556.00	1,112.00	11,120	4.15	4.17	4.26
2 to 2 1/2 years.....	(6/1/69)	28.38	56.76	113.52	227.04	567.60	1,135.20	11,352	4.15	4.16	4.26
2 1/2 to 3 years.....	(11/1/69)	28.97	57.94	115.88	231.76	579.40	1,158.80	11,588	4.15	4.21	5.00
3 to 3 1/2 years.....	(5/1/70)	29.58	59.16	118.32	236.64	591.60	1,183.20	11,832	4.16	4.20	5.06
3 1/2 to 4 years.....	(11/1/70)	30.21	60.42	120.84	241.68	604.20	1,208.40	12,084	4.18	4.97	5.62
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
4 to 4 1/2 years.....	(5/1/71)	30.96	61.92	123.84	247.68	619.20	1,238.40	12,384	4.28	4.91	5.67
4 1/2 to 5 years.....	(11/1/71)	31.72	63.44	126.88	253.76	634.40	1,268.80	12,688	4.35	5.11	5.74
5 to 5 1/2 years.....	(5/1/72)	32.53	65.06	130.12	260.24	650.60	1,301.20	13,012	4.42	5.16	5.81
5 1/2 to 6 years.....	(11/1/72)	33.37	66.74	133.48	266.96	667.40	1,334.80	13,348	4.49	5.33	5.88
6 to 6 1/2 years.....	(5/1/73)	34.26	68.52	137.04	274.08	685.20	1,370.40	13,704	4.56	5.31	5.95
6 1/2 to 7 years.....	(11/1/73)	35.17	70.34	140.68	281.36	703.40	1,406.80	14,068	4.62	5.52	6.04
7 to 7 1/2 years.....	(5/1/74)	36.14	72.28	144.56	289.12	722.80	1,445.60	14,456	4.68	5.59	6.12
7 1/2 to 8 years.....	(11/1/74)	37.15	74.30	148.60	297.20	743.00	1,486.00	14,860	4.74	5.65	6.23
8 to 8 1/2 years.....	(5/1/75)	38.20	76.40	152.80	305.60	764.00	1,528.00	15,280	4.80	5.76	6.38
8 1/2 to 9 years.....	(11/1/75)	39.30	78.60	157.20	314.40	786.00	1,572.00	15,720	4.86	5.85	6.58
9 to 9 1/2 years.....	(5/1/76)	40.45	80.90	161.80	323.60	809.00	1,618.00	16,180	4.91	6.03	6.95
9 1/2 to 10 years.....	(11/1/76)	41.67	83.34	166.68	333.36	833.40	1,666.80	16,668	4.97	7.87	7.87
<b>EXTENDED MATURITY VALUE</b> (18 years and 11 months from issue date).....	(5/1/77)	43.31	86.62	173.24	346.48	866.20	1,732.40	17,324	* 5.11		

<sup>1</sup> Month, day, and year on which issues of June 1, 1958, enter each period.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.48 percent

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 53

BONDS BEARING ISSUE DATES FROM JULY 1 THROUGH NOVEMBER 1, 1958

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>	
EXTENDED MATURITY PERIOD											
First 1/2 year.....	1 (6/1/67)	\$26.14	\$52.28	\$104.56	\$209.12	\$522.80	\$1,045.60	\$10,456	Percent	Percent	Percent
1/2 to 1 year.....	(12/1/67)	26.68	53.36	106.72	213.44	533.60	1,067.20	10,672	4.13	4.20	4.15
1 to 1 1/2 years.....	(6/1/68)	27.24	54.48	108.96	217.92	544.80	1,089.60	10,896	4.16	4.11	4.25
1 1/2 to 2 years.....	(12/1/68)	27.80	55.60	111.20	222.40	556.00	1,112.00	11,120	4.15	4.17	4.26
2 to 2 1/2 years.....	(6/1/69)	28.38	56.76	113.52	227.04	567.60	1,135.20	11,352	4.15	4.23	5.00
2 1/2 to 3 years.....	(12/1/69)	28.98	57.96	115.92	231.84	579.60	1,159.20	11,592	4.17	4.28	5.05
3 to 3 1/2 years.....	(6/1/70)	29.60	59.20	118.40	236.80	592.00	1,184.00	11,840	4.19	4.80	5.61
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
3 1/2 to 4 years.....	(12/1/70)	30.31	60.62	121.24	242.48	606.20	1,212.40	12,124	4.27	5.01	5.67
4 to 4 1/2 years.....	(6/1/71)	31.07	62.14	124.28	248.56	621.40	1,242.80	12,428	4.37	5.09	5.72
4 1/2 to 5 years.....	(12/1/71)	31.86	63.72	127.44	254.88	637.20	1,274.40	12,744	4.45	5.15	5.78
5 to 5 1/2 years.....	(6/1/72)	32.68	65.36	130.72	261.44	653.60	1,307.20	13,072	4.52	5.26	5.85
5 1/2 to 6 years.....	(12/1/72)	33.54	67.08	134.16	268.32	670.80	1,341.60	13,416	4.58	5.37	5.91
6 to 6 1/2 years.....	(6/1/73)	34.44	68.88	137.76	275.52	688.80	1,377.60	13,776	4.65	5.40	5.98
6 1/2 to 7 years.....	(12/1/73)	35.37	70.74	141.48	282.96	707.40	1,414.80	14,148	4.71	5.48	6.06
7 to 7 1/2 years.....	(6/1/74)	36.34	72.68	145.36	290.72	726.80	1,453.60	14,536	4.76	5.61	6.16
7 1/2 to 8 years.....	(12/1/74)	37.36	74.72	149.44	298.88	747.20	1,494.40	14,944	4.82	5.78	6.27
8 to 8 1/2 years.....	(6/1/75)	38.44	76.88	153.76	307.52	768.80	1,537.60	15,376	4.88	5.78	6.39
8 1/2 to 9 years.....	(12/1/75)	39.55	79.10	158.20	316.40	791.00	1,582.00	15,820	4.93	5.87	6.59
9 to 9 1/2 years.....	(6/1/76)	40.71	81.42	162.84	325.68	814.20	1,628.40	16,284	4.98	6.04	6.95
9 1/2 to 10 years.....	(12/1/76)	41.94	83.88	167.76	335.52	838.80	1,677.60	16,776	5.04	7.87	7.87
<b>EXTENDED MATURITY VALUE</b> (18 years and 11 months from issue date).....	(5/1/77)	43.59	87.18	174.36	348.72	871.80	1,743.60	17,436	* 5.18		

<sup>1</sup> Month, day, and year on which issues of July 1, 1958, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.51 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



TABLE 54  
BONDS BEARING ISSUE DATE DECEMBER 1, 1958

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (11/1/67)	\$26.26	\$52.52	\$105.04	\$210.08	\$525.20	\$1,050.40	\$10,504	0.00	4.11	4.15
1/2 to 1 year.....(5/1/68)	26.80	53.60	107.20	214.40	536.00	1,072.00	10,720	4.11	4.18	4.25
1 to 1 1/2 years.....(11/1/68)	27.36	54.72	109.44	218.88	547.20	1,094.40	10,944	4.15	4.17	4.26
1 1/2 to 2 years.....(5/1/69)	27.93	55.86	111.72	223.44	558.60	1,117.20	11,172	4.15	4.15	4.26
2 to 2 1/2 years.....(11/1/69)	28.51	57.02	114.04	228.08	570.20	1,140.40	11,404	4.15	4.21	5.00
2 1/2 to 3 years.....(5/1/70)	29.11	58.22	116.44	232.88	582.20	1,164.40	11,644	4.16	4.26	5.05
3 to 3 1/2 years.....(11/1/70)	29.73	59.46	118.92	237.84	594.60	1,189.20	11,892	4.18	4.84	5.61
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
3 1/2 to 4 years.....(5/1/71)	30.45	60.90	121.80	243.60	609.00	1,218.00	12,180	4.27	4.99	5.67
4 to 4 1/2 years.....(11/1/71)	31.21	62.42	124.84	249.68	624.20	1,248.40	12,484	4.36	5.06	5.72
4 1/2 to 5 years.....(5/1/72)	32.00	64.00	128.00	256.00	640.00	1,280.00	12,800	4.44	5.19	5.79
5 to 5 1/2 years.....(11/1/72)	32.83	65.66	131.32	262.64	656.60	1,313.20	13,132	4.52	5.24	5.85
5 1/2 to 6 years.....(5/1/73)	33.69	67.38	134.76	269.52	673.80	1,347.60	13,476	4.58	5.28	5.91
6 to 6 1/2 years.....(11/1/73)	34.58	69.16	138.32	276.64	691.60	1,383.20	13,832	4.64	5.44	5.99
6 1/2 to 7 years.....(5/1/74)	35.52	71.04	142.08	284.16	710.40	1,420.80	14,208	4.70	5.57	6.07
7 to 7 1/2 years.....(11/1/74)	36.51	73.02	146.04	292.08	730.20	1,460.40	14,604	4.76	5.53	6.15
7 1/2 to 8 years.....(5/1/75)	37.52	75.04	150.08	300.16	750.40	1,500.80	15,008	4.81	5.76	6.28
8 to 8 1/2 years.....(11/1/75)	38.60	77.20	154.40	308.80	772.00	1,544.00	15,440	4.87	5.75	6.41
8 1/2 to 9 years.....(5/1/76)	39.71	79.42	158.84	317.68	794.20	1,588.40	15,884	4.93	5.94	6.63
9 to 9 1/2 years.....(11/1/76)	40.89	81.78	163.56	327.12	817.80	1,635.60	16,356	4.98	5.87	6.97
9 1/2 to 10 years.....(5/1/77)	42.09	84.18	168.36	336.72	841.80	1,683.60	16,836	5.03	8.08	8.08
<b>EXTENDED MATURITY VALUE (18 years and 11 months from issue date)</b> (11/1/77)	43.79	87.58	175.16	359.32	875.80	1,751.60	17,516	5.18		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1958, enter each period.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.51 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 55  
BONDS BEARING ISSUE DATES FROM JANUARY 1 THROUGH MAY 1, 1959

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 8 years 11 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/67)	\$26.26	\$52.52	\$105.04	\$210.08	\$525.20	\$1,050.40	\$10,504	0.00	4.11	4.15
1/2 to 1 year.....(6/1/68)	26.80	53.60	107.20	214.40	536.00	1,072.00	10,720	4.11	4.18	4.25
1 to 1 1/2 years.....(12/1/68)	27.36	54.72	109.44	218.88	547.20	1,094.40	10,944	4.15	4.17	4.26
1 1/2 to 2 years.....(6/1/69)	27.93	55.86	111.72	223.44	558.60	1,117.20	11,172	4.15	4.22	5.00
2 to 2 1/2 years.....(12/1/69)	28.52	57.04	114.08	228.16	570.40	1,140.80	11,408	4.17	4.21	5.05
2 1/2 to 3 years.....(6/1/70)	29.12	58.24	116.48	232.96	582.40	1,164.80	11,648	4.18	4.88	5.61
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
3 to 3 1/2 years.....(12/1/70)	29.83	59.66	119.32	238.64	596.60	1,193.20	11,932	4.29	4.96	5.66
3 1/2 to 4 years.....(6/1/71)	30.57	61.14	122.28	244.56	611.40	1,222.80	12,228	4.39	5.04	5.71
4 to 4 1/2 years.....(12/1/71)	31.34	62.68	125.36	250.72	626.80	1,253.60	12,536	4.47	5.11	5.77
4 1/2 to 5 years.....(6/1/72)	32.14	64.28	128.56	257.12	642.80	1,285.60	12,856	4.54	5.29	5.83
5 to 5 1/2 years.....(12/1/72)	32.99	65.98	131.96	263.92	659.80	1,319.60	13,196	4.62	5.27	5.89
5 1/2 to 6 years.....(6/1/73)	33.86	67.72	135.44	270.88	677.20	1,354.40	13,544	4.68	5.38	5.95
6 to 6 1/2 years.....(12/1/73)	34.77	69.54	139.08	278.16	695.40	1,390.80	13,908	4.73	5.46	6.03
6 1/2 to 7 years.....(6/1/74)	35.72	71.44	142.88	285.76	714.40	1,428.80	14,288	4.79	5.60	6.11
7 to 7 1/2 years.....(12/1/74)	36.72	73.44	146.88	293.76	734.40	1,468.80	14,688	4.85	5.61	6.19
7 1/2 to 8 years.....(6/1/75)	37.75	75.50	151.00	302.00	755.00	1,510.00	15,100	4.90	5.77	6.31
8 to 8 1/2 years.....(12/1/75)	38.84	77.68	155.36	310.72	776.80	1,553.60	15,536	4.95	5.77	6.44
8 1/2 to 9 years.....(6/1/76)	39.96	79.92	159.84	319.68	799.20	1,598.40	15,984	5.00	5.91	6.67
9 to 9 1/2 years.....(12/1/76)	41.14	82.28	164.56	329.12	822.80	1,645.60	16,456	5.05	5.98	7.05
9 1/2 to 10 years.....(6/1/77)	42.37	84.74	169.48	338.96	847.40	1,694.80	16,948	5.10	8.12	8.12
<b>EXTENDED MATURITY VALUE (18 years and 11 months from issue date)</b> .....(12/1/77)	44.09	88.18	176.36	352.72	881.80	1,763.60	17,636	5.25		

<sup>1</sup> Month, day, and year on which issues of Jan. 1, 1959, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.57 percent.

<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



## RULES AND REGULATIONS

TABLE 56

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH AUGUST 1, 1959

Issue price.....	\$15.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (3/1/57)	\$25.13	\$50.26	\$100.52	\$201.04	\$392.60	\$1,005.20	\$10,052	0.00	4.14	4.15
1/2 to 1 year.....	(3/1/57)	25.65	51.30	102.60	205.20	513.00	1,026.00	10,260	4.14	4.13	4.15
1 to 1 1/2 years.....	(3/1/58)	26.18	52.36	104.72	209.44	523.60	1,047.20	10,472	4.14	4.20	4.25
1 1/2 to 2 years.....	(3/1/58)	26.73	53.46	106.92	213.84	534.60	1,069.20	10,692	4.16	4.12	4.25
2 to 2 1/2 years.....	(3/1/59)	27.28	54.56	109.12	218.24	545.60	1,091.20	10,912	4.15	4.18	4.26
2 1/2 to 3 years.....	(3/1/59)	27.85	55.70	111.40	222.80	557.00	1,114.00	11,140	4.15	4.24	5.00
3 to 3 1/2 years.....	(3/1/70)	28.44	56.88	113.76	227.52	568.80	1,137.60	11,376	4.17	4.29	5.06
3 1/2 to 4 years.....	(3/1/70)	29.05	58.10	116.20	232.40	581.00	1,162.00	11,620	4.18	4.32	5.62
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
4 to 4 1/2 years.....	(3/1/71)	29.76	59.50	119.00	238.00	595.00	1,190.00	11,900	4.26	5.04	5.68
4 1/2 to 5 years.....	(3/1/71)	30.50	61.00	122.00	244.00	610.00	1,220.00	12,200	4.35	5.05	5.74
5 to 5 1/2 years.....	(3/1/72)	31.27	62.54	125.08	250.16	625.40	1,250.80	12,508	4.42	5.18	5.81
5 1/2 to 6 years.....	(3/1/72)	32.08	64.16	128.32	256.64	641.60	1,283.20	12,832	4.49	5.30	5.88
6 to 6 1/2 years.....	(3/1/73)	32.93	65.86	131.72	263.44	658.60	1,317.20	13,172	4.56	5.34	5.95
6 1/2 to 7 years.....	(3/1/73)	33.81	67.62	135.24	270.48	676.20	1,352.40	13,524	4.62	5.50	6.04
7 to 7 1/2 years.....	(3/1/74)	34.74	69.48	138.96	277.92	694.80	1,389.60	13,896	4.68	5.64	6.13
7 1/2 to 8 years.....	(3/1/74)	35.72	71.44	142.88	285.76	714.40	1,428.80	14,288	4.74	5.66	6.23
8 to 8 1/2 years.....	(3/1/75)	36.73	73.46	146.92	293.84	734.60	1,469.20	14,692	4.80	5.72	6.37
8 1/2 to 9 years.....	(3/1/75)	37.78	75.56	151.12	302.24	755.60	1,511.20	15,112	4.85	5.93	6.50
9 to 9 1/2 years.....	(3/1/76)	38.90	77.80	155.60	311.20	778.00	1,556.00	15,560	4.91	5.91	6.62
9 1/2 to 10 years.....	(3/1/76)	40.05	80.10	160.20	320.40	801.00	1,602.00	16,020	4.97	7.94	7.94
EXTENDED MATURITY VALUE (17 years and 9 months from issue date)	(3/1/77)	41.54	83.28	166.56	333.12	832.80	1,665.60	16,656	<sup>3</sup> 5.11		

<sup>1</sup> Month, day, and year on which issues of June 1, 1959, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.55 percent.

TABLE 57

## BONDS BEARING ISSUE DATES FROM SEPTEMBER 1 THROUGH NOVEMBER 1, 1959

Issue price.....	\$15.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (6/1/57)	\$25.13	\$50.26	\$100.52	\$201.04	\$392.60	\$1,005.20	\$10,052	0.00	4.14	4.15
1/2 to 1 year.....	(12/1/57)	25.65	51.30	102.60	205.20	513.00	1,026.00	10,260	4.14	4.13	4.15
1 to 1 1/2 years.....	(6/1/58)	26.18	52.36	104.72	209.44	523.60	1,047.20	10,472	4.14	4.20	4.25
1 1/2 to 2 years.....	(12/1/58)	26.73	53.46	106.92	213.84	534.60	1,069.20	10,692	4.16	4.12	4.25
2 to 2 1/2 years.....	(6/1/59)	27.28	54.56	109.12	218.24	545.60	1,091.20	10,912	4.15	4.25	5.00
2 1/2 to 3 years.....	(12/1/59)	27.85	55.72	111.44	222.88	557.20	1,114.40	11,144	4.17	4.31	5.05
3 to 3 1/2 years.....	(6/1/70)	28.46	56.92	113.84	227.68	569.20	1,138.40	11,384	4.19	4.35	5.60
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
3 1/2 to 4 years.....	(12/1/70)	29.15	58.30	116.60	233.20	583.00	1,166.00	11,660	4.29	5.01	5.66
4 to 4 1/2 years.....	(6/1/71)	29.88	59.76	119.52	239.04	597.60	1,195.20	11,952	4.38	4.95	5.72
4 1/2 to 5 years.....	(12/1/71)	30.62	61.24	122.48	244.96	612.40	1,224.80	12,248	4.44	5.23	5.78
5 to 5 1/2 years.....	(6/1/72)	31.42	62.84	125.68	251.36	628.40	1,256.80	12,568	4.52	5.22	5.84
5 1/2 to 6 years.....	(12/1/72)	32.24	64.48	128.96	257.92	644.80	1,289.60	12,896	4.58	5.35	5.91
6 to 6 1/2 years.....	(6/1/73)	33.10	66.20	132.40	264.80	662.00	1,324.00	13,240	4.64	5.44	5.98
6 1/2 to 7 years.....	(12/1/73)	34.00	68.00	136.00	272.00	680.00	1,360.00	13,600	4.71	5.53	6.06
7 to 7 1/2 years.....	(6/1/74)	34.94	69.88	139.76	279.52	698.80	1,397.60	13,976	4.76	5.67	6.15
7 1/2 to 8 years.....	(12/1/74)	35.93	71.86	143.72	287.44	718.60	1,437.20	14,372	4.82	5.68	6.24
8 to 8 1/2 years.....	(6/1/75)	36.95	73.90	147.80	295.60	739.00	1,478.00	14,780	4.88	5.79	6.39
8 1/2 to 9 years.....	(12/1/75)	38.02	76.04	152.08	304.16	760.40	1,520.80	15,208	4.93	5.89	6.58
9 to 9 1/2 years.....	(6/1/76)	39.14	78.28	156.56	313.12	782.80	1,565.60	15,656	4.98	5.98	6.63
9 1/2 to 10 years.....	(12/1/76)	40.31	80.62	161.24	322.48	806.20	1,612.40	16,124	5.04	7.89	7.89
EXTENDED MATURITY VALUE (17 years and 9 months from issue date)	(6/1/77)	41.90	83.80	167.60	335.20	838.00	1,676.00	16,760	<sup>3</sup> 5.18		

<sup>1</sup> Month, day, and year on which issues of Sept. 1, 1959, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.58 percent.



TABLE 58

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1959, THROUGH FEBRUARY 1, 1960

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (9/1/67)	\$25.18	\$50.36	\$100.72	\$201.44	\$503.60	\$1,007.20	\$10,072	0.00	4.13	4.15
1/2 to 1 year..... (3/1/68)	25.70	51.40	102.80	205.60	514.00	1,028.00	10,280	4.28	4.20	4.25
1 to 1 1/2 years..... (9/1/68)	26.24	52.48	104.96	209.92	524.80	1,049.60	10,496	4.17	4.12	4.26
1 1/2 to 2 years..... (3/1/69)	26.78	53.56	107.12	214.24	535.60	1,071.20	10,712	4.15	4.18	4.26
2 to 2 1/2 years..... (9/1/69)	27.34	54.68	109.36	218.72	546.80	1,093.60	10,936	4.16	4.17	5.00
2 1/2 to 3 years..... (3/1/70)	27.91	55.82	111.64	223.28	558.20	1,116.40	11,164	4.16	4.30	5.00
3 to 3 1/2 years..... (9/1/70)	28.51	57.02	114.04	228.08	570.20	1,140.40	11,404	4.18	4.84	5.61
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
3 1/2 to 4 years..... (3/1/71)	29.20	58.40	116.80	233.60	584.00	1,168.00	11,680	4.28	5.07	5.67
4 to 4 1/2 years..... (9/1/71)	29.94	59.88	119.76	239.52	598.80	1,197.60	11,976	4.28	4.94	5.72
4 1/2 to 5 years..... (3/1/72)	30.68	61.36	122.72	245.44	613.60	1,227.20	12,272	4.44	5.22	5.79
5 to 5 1/2 years..... (9/1/72)	31.48	62.96	125.92	251.84	629.60	1,259.20	12,592	4.62	5.21	5.85
5 1/2 to 6 years..... (3/1/73)	32.30	64.60	129.20	258.40	646.00	1,292.00	12,920	4.58	5.33	5.92
6 to 6 1/2 years..... (9/1/73)	33.16	66.32	132.64	265.28	663.20	1,326.40	13,264	4.64	5.49	6.09
6 1/2 to 7 years..... (3/1/74)	34.07	68.14	136.28	272.56	681.40	1,362.80	13,628	4.71	5.52	6.07
7 to 7 1/2 years..... (9/1/74)	35.01	70.02	140.04	280.08	700.20	1,400.40	14,004	4.76	5.54	6.16
7 1/2 to 8 years..... (3/1/75)	35.98	71.96	144.92	287.84	719.60	1,439.20	14,392	4.82	5.73	6.28
8 to 8 1/2 years..... (9/1/75)	37.01	74.02	148.04	296.08	740.20	1,480.40	14,804	4.87	5.84	6.43
8 1/2 to 9 years..... (3/1/76)	38.09	76.18	152.36	304.72	761.80	1,523.60	15,236	4.93	5.83	6.62
9 to 9 1/2 years..... (9/1/76)	39.20	78.40	156.80	313.60	784.00	1,568.00	15,680	4.98	6.02	7.02
9 1/2 to 10 years..... (3/1/77)	40.38	80.76	161.52	323.04	807.60	1,615.20	16,152	5.03	8.02	8.02
EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (9/1/77)	42.00	84.00	168.00	336.00	840.00	1,680.00	16,800	<sup>2</sup> 5.18		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1959, enter each period. For subsequent issue months add the appropriate number of months. <sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.60 percent.  
<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

TABLE 59

BONDS BEARING ISSUE DATES FROM MARCH 1 THROUGH MAY 1, 1960

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/67)	\$25.18	\$50.36	\$100.72	\$201.44	\$503.60	\$1,007.20	\$10,072	0.00	4.13	4.15
1/2 to 1 year..... (6/1/68)	25.70	51.40	102.80	205.60	514.00	1,028.00	10,280	4.13	4.20	4.25
1 to 1 1/2 years..... (12/1/68)	26.24	52.48	104.96	209.92	524.80	1,049.60	10,496	4.17	4.12	4.26
1 1/2 to 2 years..... (6/1/69)	26.78	53.56	107.12	214.24	535.60	1,071.20	10,712	4.15	4.26	5.00
2 to 2 1/2 years..... (12/1/69)	27.34	54.70	109.40	218.80	547.00	1,094.00	10,940	4.18	4.17	5.05
2 1/2 to 3 years..... (6/1/70)	27.92	55.84	111.68	223.36	558.40	1,116.80	11,168	4.17	4.87	5.61
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
3 to 3 1/2 years..... (12/1/70)	28.60	57.20	114.40	228.80	572.00	1,144.00	11,440	4.29	4.97	5.66
3 1/2 to 4 years..... (6/1/71)	29.31	58.62	117.24	234.48	586.20	1,172.40	11,724	4.39	5.12	5.71
4 to 4 1/2 years..... (12/1/71)	30.06	60.12	120.24	240.48	601.20	1,202.40	12,024	4.48	5.06	5.70
4 1/2 to 5 years..... (6/1/72)	30.82	61.64	123.28	246.56	616.40	1,232.80	12,328	4.54	5.19	5.83
5 to 5 1/2 years..... (12/1/72)	31.62	63.24	126.48	252.96	632.40	1,264.80	12,648	4.61	5.31	5.89
5 1/2 to 6 years..... (6/1/73)	32.46	64.92	129.84	259.68	649.20	1,298.40	12,984	4.67	5.42	5.96
6 to 6 1/2 years..... (12/1/73)	33.34	66.68	133.36	266.72	666.80	1,333.60	13,336	4.73	5.46	6.02
6 1/2 to 7 years..... (6/1/74)	34.25	68.50	137.00	274.00	685.00	1,370.00	13,700	4.79	5.55	6.10
7 to 7 1/2 years..... (12/1/74)	35.20	70.40	140.80	281.60	704.00	1,408.00	14,080	4.84	5.63	6.20
7 1/2 to 8 years..... (6/1/75)	36.19	72.38	144.76	289.52	723.80	1,447.60	14,476	4.90	5.86	6.31
8 to 8 1/2 years..... (12/1/75)	37.25	74.50	149.00	298.00	745.00	1,490.00	14,900	4.96	5.89	6.42
8 1/2 to 9 years..... (6/1/76)	38.31	76.62	153.24	306.48	766.20	1,532.40	15,324	5.00	5.95	6.67
9 to 9 1/2 years..... (12/1/76)	39.45	78.90	157.80	315.60	789.00	1,578.00	15,780	5.05	5.98	7.02
9 1/2 to 10 years..... (6/1/77)	40.63	81.26	162.52	325.04	812.60	1,625.20	16,252	5.10	8.07	8.07
EXTENDED MATURITY VALUE (17 years and 9 months from issue date)..... (12/1/77)	42.27	84.54	169.08	338.16	845.40	1,690.80	16,908	<sup>2</sup> 5.25		

<sup>1</sup> Month, day, and year on which issues of Mar. 1, 1960, enter each period. For subsequent issue months add the appropriate number of months. <sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.63 percent.  
<sup>3</sup> Based on extended maturity value in effect on the beginning date of the half-year period.



## RULES AND REGULATIONS

TABLE 60

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH AUGUST 1, 1960

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1½ year.....	(3/1/68)	\$25.23	\$50.46	\$100.92	\$201.84	\$504.60	\$1,009.20	0.00	4.12	4.25
1½ to 1 year.....	(9/1/68)	25.75	51.50	103.00	206.00	515.00	1,030.00	4.12	4.19	4.26
1 to 1½ years.....	(3/1/69)	26.29	52.58	105.16	210.32	525.80	1,051.60	4.16	4.31	4.36
1½ to 2 years.....	(9/1/69)	26.83	53.66	107.32	214.64	536.60	1,073.20	4.14	4.25	5.00
2 to 2½ years.....	(3/1/70)	27.40	54.80	109.60	219.20	548.00	1,096.00	4.17	4.23	5.05
2½ to 3 years.....	(9/1/70)	27.98	55.96	111.92	223.84	559.60	1,119.20	4.18	4.80	5.60
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
3 to 3½ years.....	(3/1/71)	28.66	57.32	114.64	229.28	573.20	1,146.40	4.29	4.95	5.66
3½ to 4 years.....	(9/1/71)	29.37	58.74	117.48	234.96	587.40	1,174.80	4.29	5.11	5.71
4 to 4½ years.....	(3/1/72)	30.12	60.24	120.48	240.96	602.40	1,204.80	4.48	5.05	5.76
4½ to 5 years.....	(9/1/72)	30.88	61.76	123.52	247.04	617.60	1,235.20	4.54	5.18	5.83
5 to 5½ years.....	(3/1/73)	31.68	63.36	126.72	253.44	633.60	1,267.20	4.61	5.30	5.89
5½ to 6 years.....	(9/1/73)	32.52	65.04	130.08	260.16	650.40	1,300.80	4.67	5.41	5.96
6 to 6½ years.....	(3/1/74)	33.40	66.80	133.60	267.20	668.00	1,336.00	4.73	5.45	6.02
6½ to 7 years.....	(9/1/74)	34.31	68.62	137.24	274.48	686.20	1,372.40	4.79	5.60	6.11
7 to 7½ years.....	(3/1/75)	35.27	70.54	141.08	282.16	705.40	1,410.80	4.84	5.61	6.19
7½ to 8 years.....	(9/1/75)	36.26	72.52	145.04	290.08	725.20	1,450.40	4.89	5.79	6.31
8 to 8½ years.....	(3/1/76)	37.31	74.62	149.24	298.48	746.20	1,492.40	4.95	5.79	6.44
8½ to 9 years.....	(9/1/76)	38.39	76.78	153.56	307.12	767.80	1,535.60	5.00	5.83	6.65
9 to 9½ years.....	(3/1/77)	39.51	79.02	158.04	316.08	790.20	1,580.40	5.05	5.97	7.06
9½ to 10 years.....	(9/1/77)	40.69	81.38	162.76	325.52	813.80	1,627.60	5.09	8.16	8.16
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date)</b> (3/1/78)		42.35	84.70	169.40	338.80	847.00	1,694.00	5.25		

<sup>1</sup> Month, day, and year on which issues of June 1, 1960, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.64 percent.

TABLE 61

## BONDS BEARING ISSUE DATES FROM SEPTEMBER 1 THROUGH NOVEMBER 1, 1960

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1½ year.....	(6/1/68)	\$25.23	\$50.46	\$100.92	\$201.84	\$504.60	\$1,009.20	0.00	4.12	4.25
1½ to 1 year.....	(12/1/68)	25.75	51.50	103.00	206.00	515.00	1,030.00	4.12	4.19	4.26
1 to 1½ years.....	(6/1/69)	26.29	52.58	105.16	210.32	525.80	1,051.60	4.16	4.18	5.00
1½ to 2 years.....	(12/1/69)	26.84	53.68	107.36	214.72	536.80	1,073.60	4.17	4.25	5.05
2 to 2½ years.....	(6/1/70)	27.41	54.82	109.64	219.28	548.20	1,096.40	4.19	4.80	5.60
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
2½ to 3 years.....	(12/1/70)	28.08	56.16	112.32	224.64	561.60	1,123.20	4.33	4.91	5.64
3 to 3½ years.....	(6/1/71)	28.77	57.54	115.08	230.16	575.40	1,150.80	4.42	5.07	5.70
3½ to 4 years.....	(12/1/71)	29.50	59.00	118.00	236.00	590.00	1,180.00	4.52	5.08	5.75
4 to 4½ years.....	(6/1/72)	30.25	60.50	121.00	242.00	605.00	1,210.00	4.59	5.16	5.80
4½ to 5 years.....	(12/1/72)	31.03	62.06	124.12	248.24	620.60	1,241.20	4.65	5.22	5.86
5 to 5½ years.....	(6/1/73)	31.84	63.68	127.36	254.72	636.80	1,273.60	4.71	5.34	5.92
5½ to 6 years.....	(12/1/73)	32.69	65.38	130.76	261.52	653.80	1,307.60	4.77	5.51	5.99
6 to 6½ years.....	(6/1/74)	33.59	67.18	134.36	268.72	671.80	1,343.60	4.83	5.48	6.05
6½ to 7 years.....	(12/1/74)	34.51	69.02	138.04	276.08	690.20	1,380.40	4.88	5.56	6.13
7 to 7½ years.....	(6/1/75)	35.47	70.94	141.88	283.76	709.40	1,418.80	4.93	5.75	6.22
7½ to 8 years.....	(12/1/75)	36.46	72.92	145.96	291.92	729.80	1,459.60	4.98	5.76	6.32
8 to 8½ years.....	(6/1/76)	37.54	75.08	150.16	300.32	750.80	1,501.60	5.03	5.80	6.46
8½ to 9 years.....	(12/1/76)	38.64	77.28	154.56	309.12	772.80	1,545.60	5.08	5.85	6.66
9 to 9½ years.....	(6/1/77)	39.77	79.54	159.08	318.16	795.40	1,590.80	5.12	6.03	7.07
9½ to 10 years.....	(12/1/77)	40.97	81.94	163.88	327.76	819.40	1,638.80	5.17	8.10	8.10
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date)</b> .....	(6/1/78)	42.63	85.26	170.52	341.04	852.60	1,705.20	5.31		

<sup>1</sup> Month, day, and year on which issues of Sept. 1, 1960 enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.68 percent.



TABLE 62  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1960, THROUGH FEBRUARY 1, 1961

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	(1/9/1/68)	\$25.28	\$50.56	\$101.12	\$202.24	\$505.60	\$1,011.20	\$10,112	0.00	4.11	4.25
1/2 to 1 year.....	(3/1/69)	25.80	51.60	103.20	206.40	516.00	1,032.00	10,320	4.11	4.19	4.26
1 to 1 1/2 years.....	(9/1/69)	26.34	52.68	105.36	210.72	526.80	1,053.60	10,536	4.15	4.25	5.00
1 1/2 to 2 years.....	(3/1/70)	26.90	53.80	107.60	215.20	538.00	1,076.00	10,760	4.18	4.24	5.04
2 to 2 1/2 years.....	(9/1/70)	27.47	54.94	109.88	219.76	549.40	1,098.80	10,988	4.20	4.31	5.59
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
2 1/2 to 3 years.....	(3/1/71)	28.13	56.26	112.52	225.04	562.60	1,125.20	11,252	4.32	4.98	5.65
3 to 3 1/2 years.....	(9/1/71)	28.83	57.66	115.32	230.64	576.60	1,153.20	11,532	4.43	5.00	5.69
3 1/2 to 4 years.....	(3/1/72)	29.56	59.12	118.24	236.48	591.20	1,182.40	11,824	4.52	5.01	5.74
4 to 4 1/2 years.....	(9/1/72)	30.30	60.60	121.20	242.40	606.00	1,212.00	12,120	4.58	5.21	5.80
4 1/2 to 5 years.....	(3/1/73)	31.06	62.18	124.36	248.72	621.80	1,243.60	12,436	4.65	5.21	5.86
5 to 5 1/2 years.....	(9/1/73)	31.80	63.80	127.60	255.20	638.00	1,276.00	12,760	4.71	5.45	5.92
5 1/2 to 6 years.....	(3/1/74)	32.57	65.54	131.08	262.16	655.40	1,310.80	13,108	4.77	5.37	5.97
6 to 6 1/2 years.....	(9/1/74)	33.36	67.30	134.60	269.20	673.00	1,346.00	13,460	4.82	5.53	6.05
6 1/2 to 7 years.....	(3/1/75)	34.18	69.16	138.32	276.64	691.60	1,383.20	13,832	4.88	5.61	6.12
7 to 7 1/2 years.....	(9/1/75)	35.05	71.10	142.20	284.40	711.00	1,422.00	14,220	4.93	5.68	6.21
7 1/2 to 8 years.....	(3/1/76)	35.96	73.12	146.24	292.48	731.20	1,462.40	14,624	4.98	5.69	6.32
8 to 8 1/2 years.....	(9/1/76)	36.90	75.20	150.40	300.80	752.00	1,504.00	15,040	5.02	5.90	6.47
8 1/2 to 9 years.....	(3/1/77)	37.87	77.42	154.84	309.68	774.20	1,548.40	15,484	5.08	5.94	6.66
9 to 9 1/2 years.....	(9/1/77)	38.86	79.72	159.44	318.88	797.20	1,594.40	15,944	5.12	6.02	7.03
9 1/2 to 10 years.....	(3/1/78)	41.06	82.12	164.24	328.48	821.20	1,642.40	16,424	5.17	6.04	8.04
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (9/1/78)</b>		<b>42.71</b>	<b>85.42</b>	<b>170.84</b>	<b>341.68</b>	<b>854.20</b>	<b>1,708.40</b>	<b>17,084</b>	<b>5.31</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1960, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.09 percent.

TABLE 63  
BONDS BEARING ISSUE DATES FROM MARCH 1 THROUGH MAY 1, 1961

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000				
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First 1/2 year.....	(12/1/68)	\$25.28	\$50.56	\$101.12	\$202.24	\$505.60	\$1,011.20	\$10,112	0.00	4.11	4.25
1/2 to 1 year.....	(6/1/69)	25.80	51.60	103.20	206.40	516.00	1,032.00	10,320	4.11	4.20	5.00
1 to 1 1/2 years.....	(12/1/69)	26.35	52.70	105.40	210.80	527.00	1,054.00	10,540	4.19	4.25	5.04
1 1/2 to 2 years.....	(6/1/70)	26.91	53.82	107.64	215.28	538.20	1,076.40	10,764	4.21	4.33	5.59
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
2 to 2 1/2 years.....	(12/1/70)	27.56	55.12	110.24	220.48	551.20	1,102.40	11,024	4.36	4.03	5.64
2 1/2 to 3 years.....	(6/1/71)	28.24	56.48	112.96	225.92	564.80	1,129.60	11,296	4.48	5.03	5.68
3 to 3 1/2 years.....	(12/1/71)	28.95	57.90	115.80	231.60	579.00	1,158.00	11,580	4.57	5.04	5.73
3 1/2 to 4 years.....	(6/1/72)	29.68	59.36	118.72	237.44	593.60	1,187.20	11,872	4.64	5.12	5.78
4 to 4 1/2 years.....	(12/1/72)	30.44	60.88	121.76	243.52	608.80	1,217.60	12,176	4.70	5.26	5.84
4 1/2 to 5 years.....	(6/1/73)	31.21	62.48	124.96	249.92	624.80	1,249.60	12,496	4.76	5.31	5.89
5 to 5 1/2 years.....	(12/1/73)	32.07	64.14	128.28	256.56	641.40	1,282.80	12,828	4.82	5.43	5.95
5 1/2 to 6 years.....	(6/1/74)	32.94	65.88	131.76	263.52	658.80	1,317.60	13,176	4.87	5.53	6.01
6 to 6 1/2 years.....	(12/1/74)	33.85	67.70	135.40	270.80	677.00	1,354.00	13,540	4.93	5.49	6.07
6 1/2 to 7 years.....	(6/1/75)	34.78	69.56	139.12	278.24	695.60	1,391.20	13,912	4.97	5.64	6.15
7 to 7 1/2 years.....	(12/1/75)	35.76	71.52	143.04	286.08	715.20	1,430.40	14,304	5.02	5.70	6.23
7 1/2 to 8 years.....	(6/1/76)	36.78	73.56	147.12	294.24	735.60	1,471.20	14,712	5.06	5.76	6.34
8 to 8 1/2 years.....	(12/1/76)	37.84	75.68	151.36	302.72	756.80	1,513.60	15,136	5.11	5.87	6.48
8 1/2 to 9 years.....	(6/1/77)	38.95	77.90	155.80	311.60	779.00	1,558.00	15,580	5.15	5.96	6.69
9 to 9 1/2 years.....	(12/1/77)	40.11	80.22	160.44	320.88	802.20	1,604.40	16,044	5.20	6.03	7.06
9 1/2 to 10 years.....	(6/1/78)	41.32	82.64	165.28	330.56	826.40	1,652.80	16,528	5.24	6.08	8.08
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (12/1/78)</b>		<b>42.99</b>	<b>85.98</b>	<b>171.96</b>	<b>343.92</b>	<b>858.80</b>	<b>1,719.60</b>	<b>17,196</b>	<b>5.38</b>		

<sup>1</sup> Month, day, and year on which issues of Mar. 1, 1961, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.73 percent.



TABLE 64  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH AUGUST 1, 1961

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (3/1/69)	\$25.34	\$50.68	\$101.36	\$202.72	\$506.80	\$1,013.60	\$10,136	0.00	4.18	4.25
1/2 to 1 year..... (9/1/69)	25.87	51.74	103.48	206.96	517.40	1,034.80	10,348	4.18	4.17	5.00
1 to 1 1/2 years..... (3/1/70)	26.41	52.82	105.64	211.28	528.20	1,056.40	10,564	4.18	4.24	5.05
1 1/2 to 2 years..... (9/1/70)	26.97	53.94	107.88	215.76	539.40	1,078.80	10,788	4.20	4.89	5.59
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
2 to 2 1/2 years..... (3/1/71)	27.63	55.26	110.52	221.04	552.60	1,105.20	11,052	4.37	4.92	5.64
2 1/2 to 3 years..... (9/1/71)	28.31	56.62	113.24	226.48	566.20	1,132.40	11,324	4.48	4.95	5.69
3 to 3 1/2 years..... (3/1/72)	29.01	58.02	116.04	232.08	580.20	1,160.40	11,604	4.56	5.10	5.74
3 1/2 to 4 years..... (9/1/72)	29.75	59.50	119.00	238.00	595.00	1,190.00	11,900	4.64	5.18	5.79
4 to 4 1/2 years..... (3/1/73)	30.52	61.04	122.08	244.16	610.40	1,220.80	12,208	4.70	5.24	5.84
4 1/2 to 5 years..... (9/1/73)	31.32	62.64	125.28	250.56	626.40	1,252.80	12,528	4.76	5.30	5.89
5 to 5 1/2 years..... (3/1/74)	32.15	64.30	128.60	257.20	643.00	1,286.00	12,860	4.82	5.41	5.95
5 1/2 to 6 years..... (9/1/74)	33.02	66.04	132.08	264.16	660.40	1,320.80	13,208	4.87	5.51	6.01
6 to 6 1/2 years..... (3/1/75)	33.93	67.86	135.72	271.44	678.00	1,356.00	13,572	4.92	5.54	6.08
6 1/2 to 7 years..... (9/1/75)	34.87	69.74	139.48	278.96	697.40	1,394.80	13,948	4.97	5.62	6.15
7 to 7 1/2 years..... (3/1/76)	35.85	71.70	143.40	286.80	717.00	1,434.00	14,340	5.02	5.69	6.24
7 1/2 to 8 years..... (9/1/76)	36.87	73.74	147.48	294.96	737.40	1,474.80	14,748	5.06	5.80	6.35
8 to 8 1/2 years..... (3/1/77)	37.94	75.88	151.76	303.52	758.80	1,517.60	15,176	5.11	5.90	6.49
8 1/2 to 9 years..... (9/1/77)	39.06	78.12	156.24	312.48	781.20	1,562.40	15,624	5.16	5.89	6.69
9 to 9 1/2 years..... (3/1/78)	40.21	80.42	160.84	321.68	804.20	1,608.40	16,084	5.20	6.02	7.09
9 1/2 to 10 years..... (9/1/78)	41.42	82.84	165.68	331.36	828.40	1,656.80	16,568	5.24	6.16	8.16
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (3/1/79)</b>	<b>43.11</b>	<b>86.22</b>	<b>172.44</b>	<b>344.88</b>	<b>862.20</b>	<b>1,724.40</b>	<b>17,244</b>	<b>5.38</b>		

<sup>1</sup> Month, day, and year on which issues of June 1, 1961, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.75 percent.

TABLE 65  
BONDS BEARING ISSUE DATES FROM SEPTEMBER 1 THROUGH NOVEMBER 1, 1961

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (6/1/69)	\$25.34	\$50.68	\$101.36	\$202.72	\$506.80	\$1,013.60	\$10,136	0.00	4.97	5.00
1/2 to 1 year..... (12/1/69)	25.97	51.94	103.88	207.76	519.40	1,038.80	10,388	4.97	5.01	5.00
1 to 1 1/2 years..... (6/1/70)	26.62	53.24	106.48	212.96	532.40	1,064.80	10,648	4.99	5.56	5.50
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
1 1/2 to 2 years..... (12/1/70)	27.36	54.72	109.44	218.88	547.20	1,094.40	10,944	5.18	5.48	5.50
2 to 2 1/2 years..... (6/1/71)	28.11	56.22	112.44	224.88	562.20	1,124.40	11,244	5.25	5.48	5.50
2 1/2 to 3 years..... (12/1/71)	28.88	57.76	115.62	231.04	577.60	1,155.20	11,552	5.30	5.54	5.50
3 to 3 1/2 years..... (6/1/72)	29.68	59.36	118.72	237.44	593.60	1,187.20	11,872	5.34	5.46	5.50
3 1/2 to 4 years..... (12/1/72)	30.49	60.98	121.96	243.92	609.80	1,219.60	12,196	5.36	5.44	5.50
4 to 4 1/2 years..... (6/1/73)	31.32	62.64	125.28	250.56	626.40	1,252.80	12,528	5.37	5.56	5.50
4 1/2 to 5 years..... (12/1/73)	32.19	64.38	128.76	257.52	643.80	1,287.60	12,876	5.39	5.53	5.50
5 to 5 1/2 years..... (6/1/74)	33.08	66.16	132.32	264.64	661.60	1,323.20	13,232	5.40	5.50	5.50
5 1/2 to 6 years..... (12/1/74)	33.99	67.98	135.96	271.92	679.80	1,359.60	13,596	5.41	5.47	5.49
6 to 6 1/2 years..... (6/1/75)	34.92	69.84	139.68	279.36	698.40	1,396.80	13,968	5.42	5.50	5.50
6 1/2 to 7 years..... (12/1/75)	35.88	71.76	143.52	287.04	717.60	1,435.20	14,352	5.42	5.46	5.50
7 to 7 1/2 years..... (6/1/76)	36.86	73.72	147.44	294.88	737.20	1,474.40	14,744	5.43	5.53	5.50
7 1/2 to 8 years..... (12/1/76)	37.88	75.76	151.52	303.04	757.60	1,515.20	15,152	5.43	5.54	5.50
8 to 8 1/2 years..... (6/1/77)	38.93	77.86	155.72	311.44	778.00	1,556.00	15,572	5.44	5.50	5.49
8 1/2 to 9 years..... (12/1/77)	40.00	80.00	160.00	320.00	800.00	1,600.00	16,000	5.44	5.45	5.48
9 to 9 1/2 years..... (6/1/78)	41.09	82.18	164.36	328.72	821.80	1,643.60	16,436	5.44	5.50	5.50
9 1/2 to 10 years..... (12/1/78)	42.22	84.44	168.88	337.76	844.40	1,688.80	16,888	5.45	5.50	5.50
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (6/1/79)</b>	<b>43.38</b>	<b>86.76</b>	<b>173.52</b>	<b>347.04</b>	<b>867.60</b>	<b>1,735.20</b>	<b>17,352</b>	<b>5.45</b>		

<sup>1</sup> Month, day, and year on which issues of Sept. 1, 1961, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.78 percent.



TABLE 66

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1961, THROUGH FEBRUARY 1, 1962

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)				
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000					
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>		
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent		
First 1/2 year.....	<sup>1</sup> (9/1/60)	\$25.41	\$50.82	\$101.64	\$203.28	\$508.20	\$1,016.40	10,164	0.00	4.96	5.00	
1/2 to 1 year.....	(3/1/70)	26.04	52.08	104.16	208.32	520.80	1,041.60	10,416	4.96	4.99	5.00	
1 to 1 1/2 years.....	(9/1/70)	26.69	53.38	106.76	213.52	533.80	1,067.60	10,676	4.98	5.55	5.50	

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

1 1/2 to 2 years.....	(3/1/71)	27.43	54.86	109.72	219.44	548.60	1,097.20	10,972	5.17	5.51	5.50	
2 to 2 1/2 years.....	(9/1/71)	28.19	56.38	112.76	225.52	563.80	1,127.60	11,276	5.26	5.46	5.50	
2 1/2 to 3 years.....	(3/1/72)	28.96	57.92	115.84	231.68	579.20	1,158.40	11,584	5.30	5.52	5.50	
3 to 3 1/2 years.....	(9/1/72)	29.76	59.52	119.04	238.08	595.20	1,190.40	11,904	5.34	5.44	5.50	
3 1/2 to 4 years.....	(3/1/73)	30.57	61.14	122.28	244.56	611.40	1,222.80	12,228	5.35	5.56	5.50	
4 to 4 1/2 years.....	(9/1/73)	31.42	62.84	125.68	251.36	628.40	1,256.80	12,568	5.38	5.47	5.50	
4 1/2 to 5 years.....	(3/1/74)	32.28	64.56	129.12	258.24	645.60	1,291.20	12,912	5.39	5.51	5.50	
5 to 5 1/2 years.....	(9/1/74)	33.17	66.34	132.68	265.36	663.40	1,326.80	13,268	5.40	5.49	5.50	
5 1/2 to 6 years.....	(3/1/75)	34.08	68.16	136.32	272.64	681.60	1,363.20	13,632	5.41	5.49	5.50	
6 to 6 1/2 years.....	(9/1/75)	35.01	70.02	140.04	280.08	700.20	1,400.40	14,004	5.41	5.54	5.51	
6 1/2 to 7 years.....	(3/1/76)	35.98	71.96	143.92	287.84	719.60	1,439.20	14,392	5.42	5.45	5.50	
7 to 7 1/2 years.....	(9/1/76)	36.96	73.92	147.84	295.68	739.20	1,478.40	14,784	5.43	5.52	5.51	
7 1/2 to 8 years.....	(3/1/77)	37.98	75.96	151.92	303.84	759.60	1,519.20	15,192	5.43	5.53	5.51	
8 to 8 1/2 years.....	(9/1/77)	39.03	78.06	156.12	312.24	780.60	1,561.20	15,612	5.44	5.48	5.51	
8 1/2 to 9 years.....	(3/1/78)	40.10	80.20	160.40	320.80	802.00	1,604.00	16,040	5.44	5.54	5.52	
9 to 9 1/2 years.....	(9/1/78)	41.21	82.42	164.84	329.68	824.20	1,648.40	16,484	5.45	5.48	5.51	
9 1/2 to 10 years.....	(3/1/79)	42.34	84.68	169.36	338.72	846.80	1,693.60	16,936	5.45	5.53	5.53	
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date)</b> (9/1/79)		43.51	87.02	174.04	348.08	870.20	1,740.40	17,404	<sup>2</sup> 5.45			

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1961, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.80 percent.

TABLE 67

BONDS BEARING ISSUE DATES FROM MARCH 1 THROUGH MAY 1, 1962

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)				
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000					
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>1</sup>		
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent		
First 1/2 year.....	<sup>1</sup> (12/1/60)	\$25.41	\$50.82	\$101.64	\$203.28	\$508.20	\$1,016.40	10,164	0.00	4.96	5.00	
1/2 to 1 year.....	(6/1/70)	26.04	52.08	104.16	208.32	520.80	1,041.60	10,416	4.96	5.53	5.50	

Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision

1 to 1 1/2 years.....	(12/1/70)	26.76	53.52	107.04	214.08	535.20	1,070.40	10,704	5.24	5.46	5.50	
1 1/2 to 2 years.....	(6/1/71)	27.49	54.98	109.96	219.92	549.80	1,099.60	10,996	5.31	5.60	5.50	
2 to 2 1/2 years.....	(12/1/71)	28.26	56.52	113.04	226.08	565.20	1,130.40	11,304	5.39	5.45	5.50	
2 1/2 to 3 years.....	(6/1/72)	29.03	58.06	116.12	232.24	580.60	1,161.20	11,612	5.40	5.51	5.50	
3 to 3 1/2 years.....	(12/1/72)	29.83	59.66	119.32	238.64	596.60	1,193.20	11,932	5.42	5.43	5.50	
3 1/2 to 4 years.....	(6/1/73)	30.64	61.28	122.56	245.12	612.80	1,225.60	12,256	5.42	5.55	5.50	
4 to 4 1/2 years.....	(12/1/73)	31.49	62.98	125.96	251.92	629.80	1,259.60	12,596	5.44	5.46	5.50	
4 1/2 to 5 years.....	(6/1/74)	32.35	64.70	129.40	258.80	647.00	1,294.00	12,940	5.44	5.56	5.50	
5 to 5 1/2 years.....	(12/1/74)	33.25	66.50	133.00	266.00	665.00	1,330.00	13,300	5.45	5.47	5.50	
5 1/2 to 6 years.....	(6/1/75)	34.16	68.32	136.64	273.28	683.20	1,366.40	13,664	5.45	5.50	5.50	
6 to 6 1/2 years.....	(12/1/75)	35.10	70.20	140.40	280.80	702.00	1,404.00	14,040	5.46	5.53	5.50	
6 1/2 to 7 years.....	(6/1/76)	36.07	72.14	144.28	288.56	721.40	1,442.80	14,428	5.46	5.49	5.50	
7 to 7 1/2 years.....	(12/1/76)	37.06	74.12	148.24	296.48	741.20	1,482.40	14,824	5.46	5.50	5.50	
7 1/2 to 8 years.....	(6/1/77)	38.08	76.16	152.32	304.64	761.60	1,523.20	15,232	5.47	5.46	5.50	
8 to 8 1/2 years.....	(12/1/77)	39.12	78.24	156.48	312.96	782.40	1,564.80	15,648	5.47	5.52	5.51	
8 1/2 to 9 years.....	(6/1/78)	40.20	80.40	160.80	321.60	804.00	1,608.00	16,080	5.47	5.52	5.50	
9 to 9 1/2 years.....	(12/1/78)	41.31	82.62	165.24	330.48	826.20	1,652.40	16,524	5.47	5.47	5.49	
9 1/2 to 10 years.....	(6/1/79)	42.44	84.88	169.76	339.52	848.80	1,697.60	16,976	5.47	5.51	5.51	
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date)</b> (12/1/79)		43.61	87.22	174.44	348.88	872.20	1,744.40	17,444	<sup>2</sup> 5.48			

<sup>1</sup> Month, day, and year on which issues of March 1, 1962, enter each period. For subsequent issue months add the appropriate number of months.  
<sup>2</sup> Based on extended maturity value in effect on the beginning date of the half-year period.

<sup>3</sup> Yield on purchase price from issue date to extended maturity date is 4.81 percent.



RULES AND REGULATIONS

TABLE 68

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH AUGUST 1, 1962

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year..... <sup>1</sup> (3/1/70)	\$25.47	\$50.94	\$101.88	\$203.76	\$509.40	\$1,018.80	\$10,188	0.00	4.95	3.90	
½ to 1 year..... (9/1/70)	26.10	52.20	104.40	208.80	522.00	1,044.00	10,440	4.95	5.50	3.90	
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
1 to 1½ years..... (3/1/71)	26.83	53.66	107.32	214.64	536.60	1,073.20	10,732	5.27	5.44	3.90	
1½ to 2 years..... (9/1/71)	27.56	55.12	110.24	220.48	551.20	1,102.40	11,024	5.33	5.52	3.90	
2 to 2½ years..... (3/1/72)	28.32	56.64	113.28	226.56	566.40	1,132.80	11,328	5.37	5.51	3.90	
2½ to 3 years..... (9/1/72)	29.10	58.20	116.40	232.80	582.00	1,164.00	11,640	5.40	5.50	3.90	
3 to 3½ years..... (3/1/73)	29.90	59.80	119.60	239.20	598.00	1,196.00	11,960	5.42	5.55	3.90	
3½ to 4 years..... (9/1/73)	30.73	61.46	122.92	245.84	614.60	1,229.20	12,292	5.44	5.40	3.90	
4 to 4½ years..... (3/1/74)	31.60	63.12	126.24	252.48	631.20	1,262.40	12,624	5.45	5.48	3.90	
4½ to 5 years..... (9/1/74)	32.44	64.88	129.76	259.52	648.80	1,297.60	12,976	5.45	5.43	3.90	
5 to 5½ years..... (3/1/75)	33.32	66.64	133.28	266.56	666.40	1,332.80	13,328	5.45	5.52	3.90	
5½ to 6 years..... (9/1/75)	34.24	68.48	136.96	273.92	684.80	1,369.60	13,696	5.45	5.49	3.90	
6 to 6½ years..... (3/1/76)	35.18	70.36	140.72	281.44	703.60	1,407.20	14,072	5.46	5.51	3.90	
6½ to 7 years..... (9/1/76)	36.15	72.30	144.60	289.20	723.00	1,446.00	14,460	5.46	5.53	3.90	
7 to 7½ years..... (3/1/77)	37.15	74.30	148.60	297.20	743.00	1,486.00	14,860	5.47	5.49	3.90	
7½ to 8 years..... (9/1/77)	38.17	76.34	152.68	305.36	763.40	1,526.80	15,268	5.47	5.50	3.90	
8 to 8½ years..... (3/1/78)	39.22	78.44	156.88	313.76	784.40	1,568.80	15,688	5.47	5.51	3.90	
8½ to 9 years..... (9/1/78)	40.30	80.60	161.20	322.40	806.00	1,612.00	16,120	5.47	5.46	3.90	
9 to 9½ years..... (3/1/79)	41.40	82.80	165.60	331.20	828.00	1,656.00	16,560	5.47	5.56	3.90	
9½ to 10 years..... (9/1/79)	42.55	85.10	170.20	340.40	851.00	1,702.00	17,020	5.48	5.50	3.90	
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (3/1/80)</b>	<b>43.72</b>	<b>87.44</b>	<b>174.88</b>	<b>349.76</b>	<b>874.40</b>	<b>1,748.80</b>	<b>17,488</b>	<b>5.48</b>	-----		

<sup>1</sup> Month, day, and year on which issues of June 1, 1962, enter each period. For subsequent issue months add the appropriate number of months. <sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.83 percent.

TABLE 69

BONDS BEARING ISSUE DATES FROM SEPTEMBER 1 THROUGH NOVEMBER 1, 1962

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)			
Period after original maturity (beginning 7 years 9 months after issue date)	(1) Redemption values during each half-year period (values increase on first day of period shown)							(2) From beginning of extended maturity period to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From begin- ning of each half-year period to extended maturity <sup>2</sup>	
	EXTENDED MATURITY PERIOD							Percent	Percent	Percent	
First ½ year..... <sup>1</sup> (6/1/70)	\$25.47	\$50.94	\$101.88	\$203.76	\$509.40	\$1,018.80	\$10,188	0.00	5.42	5.50	
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision											
½ to 1 year..... (12/1/70)	26.16	52.32	104.64	209.28	523.20	1,046.40	10,464	5.42	5.58	5.50	
1 to 1½ years..... (6/1/71)	26.83	53.78	107.56	215.12	537.80	1,075.60	10,756	5.50	5.50	5.50	
1½ to 2 years..... (12/1/71)	27.63	55.26	110.52	221.04	552.60	1,105.20	11,052	5.50	5.50	5.50	
2 to 2½ years..... (6/1/72)	28.39	56.78	113.56	227.12	567.80	1,135.60	11,356	5.50	5.49	5.50	
2½ to 3 years..... (12/1/72)	29.17	58.34	116.68	233.36	583.40	1,166.80	11,668	5.50	5.49	5.50	
3 to 3½ years..... (6/1/73)	29.97	59.94	119.88	239.76	599.40	1,198.80	11,988	5.50	5.54	5.50	
3½ to 4 years..... (12/1/73)	30.80	61.60	123.20	246.40	616.00	1,232.00	12,320	5.50	5.50	5.50	
4 to 4½ years..... (6/1/74)	31.64	63.28	126.56	253.12	632.80	1,265.60	12,656	5.50	5.56	5.50	
4½ to 5 years..... (12/1/74)	32.52	65.04	130.08	260.16	650.40	1,300.80	13,008	5.50	5.41	5.50	
5 to 5½ years..... (6/1/75)	33.40	66.80	133.60	267.20	668.00	1,336.00	13,360	5.50	5.57	5.50	
5½ to 6 years..... (12/1/75)	34.33	68.66	137.32	274.64	686.60	1,373.20	13,732	5.50	5.48	5.50	
6 to 6½ years..... (6/1/76)	35.27	70.54	141.08	282.16	705.40	1,410.80	14,108	5.50	5.50	5.50	
6½ to 7 years..... (12/1/76)	36.24	72.48	144.96	289.92	724.80	1,449.60	14,496	5.50	5.50	5.50	
7 to 7½ years..... (6/1/77)	37.24	74.48	148.96	297.92	744.80	1,489.60	14,896	5.50	5.48	5.50	
7½ to 8 years..... (12/1/77)	38.26	76.52	153.04	306.08	765.20	1,530.40	15,304	5.50	5.49	5.50	
8 to 8½ years..... (6/1/78)	39.31	78.62	157.24	314.48	786.20	1,572.40	15,724	5.50	5.55	5.50	
8½ to 9 years..... (12/1/78)	40.40	80.80	161.60	323.20	808.00	1,616.00	16,160	5.50	5.45	5.50	
9 to 9½ years..... (6/1/79)	41.50	83.00	166.00	332.00	830.00	1,660.00	16,600	5.50	5.54	5.50	
9½ to 10 years..... (12/1/79)	42.65	85.30	170.60	341.20	853.00	1,706.00	17,060	5.50	5.49	5.50	
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (6/1/80)</b>	<b>43.82</b>	<b>87.64</b>	<b>175.28</b>	<b>350.56</b>	<b>876.40</b>	<b>1,752.80</b>	<b>17,528</b>	<b>5.50</b>	-----		

<sup>1</sup> Month, day, and year on which issues of September 1, 1962, enter each period. For subsequent issue months add the appropriate number of months. <sup>2</sup> Yield on purchase price from issue date to extended maturity date is 4.84 percent.



TABLE 70

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1962, THROUGH MAY 1, 1963

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,000			
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)							(2) From beginning of each maturity or extended maturity period to be- ginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From begin- ning of each half-year period <sup>1</sup> (a) to maturity <sup>2</sup>
								Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/62)	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00		
1/2 to 1 year..... (6/1/63)	18.91	37.82	75.64	151.28	378.20	756.40	7,564	1.71	1.71	3.75
1 to 1 1/2 years..... (12/1/63)	19.19	38.38	76.76	153.52	383.80	767.60	7,676	2.33	3.24	3.89
1 1/2 to 2 years..... (6/1/64)	19.51	39.02	78.04	156.08	390.20	780.40	7,804	2.67	4.00	4.01
2 to 2 1/2 years..... (12/1/64)	19.90	39.80	79.60	159.20	398.00	796.00	7,960	3.00	3.82	4.01
2 1/2 to 3 years..... (6/1/65)	20.28	40.56	81.12	162.24	405.60	811.20	8,112	3.16	3.75	4.03
3 to 3 1/2 years..... (12/1/65)	20.66	41.32	82.64	165.28	413.20	826.40	8,264	3.26	4.07	4.46
3 1/2 to 4 years..... (6/1/66)	21.08	42.16	84.32	168.64	421.60	843.20	8,432	3.37	4.17	4.50
4 to 4 1/2 years..... (12/1/66)	21.52	43.04	86.08	172.16	430.40	860.80	8,608	3.47	4.37	4.54
4 1/2 to 5 years..... (6/1/67)	21.99	43.98	87.96	175.92	439.80	879.60	8,796	3.57	4.46	4.57
5 to 5 1/2 years..... (12/1/67)	22.48	44.96	89.92	179.84	449.60	899.20	8,992	3.66	4.45	4.59
5 1/2 to 6 years..... (6/1/68)	22.98	45.96	91.92	183.84	459.60	919.20	9,192	3.73	4.53	4.73
6 to 6 1/2 years..... (12/1/68)	23.50	47.00	94.00	188.00	470.00	940.00	9,400	3.80	4.60	4.79
6 1/2 to 7 years..... (6/1/69)	24.04	48.08	96.16	192.32	480.80	961.60	9,616	3.86	4.74	5.00
7 to 7 1/2 years..... (12/1/69)	24.61	49.22	98.44	196.88	492.20	984.40	9,844	3.92	4.79	5.17
7 1/2 years to 7 years and 9 months..... (6/1/70)	25.20	50.40	100.80	201.60	504.00	1,008.00	10,080	3.98	5.02	5.92
<b>MATURITY VALUE (7 years and 9 months from issue date)..... (9/1/70)</b>	<b>25.57</b>	<b>51.14</b>	<b>102.28</b>	<b>204.56</b>	<b>511.40</b>	<b>1,022.80</b>	<b>10,228</b>	<b>4.04</b>		
Period after maturity date	EXTENDED MATURITY PERIOD							(b) to extended maturity <sup>3</sup>		
First 1/2 year..... (9/1/70)	\$25.57	\$51.14	\$102.28	\$204.56	\$511.40	\$1,022.80	\$10,228	0.00	5.48	5.50
Redemption values and investment yields to extended maturity on basis of June 1, 1970, revision										
1/2 to 1 year..... (3/1/71)	26.27	52.54	105.08	210.16	525.40	1,050.80	10,508	5.48	5.50	5.50
1 to 1 1/2 years..... (9/1/71)	27.00	54.00	108.00	216.00	540.00	1,080.00	10,800	5.52	5.48	5.50
1 1/2 to 2 years..... (3/1/72)	27.74	55.48	110.96	221.92	554.80	1,109.60	11,096	5.50	5.48	5.50
2 to 2 1/2 years..... (9/1/72)	28.50	57.00	114.00	228.00	570.00	1,140.00	11,400	5.50	5.47	5.50
2 1/2 to 3 years..... (3/1/73)	29.28	58.56	117.12	234.24	585.60	1,171.20	11,712	5.49	5.53	5.50
3 to 3 1/2 years..... (9/1/73)	30.00	60.18	120.36	240.72	601.80	1,203.60	12,036	5.50	5.52	5.50
3 1/2 to 4 years..... (3/1/74)	30.92	61.84	123.68	247.36	618.40	1,236.80	12,368	5.50	5.50	5.50
4 to 4 1/2 years..... (9/1/74)	31.77	63.54	127.08	254.16	635.40	1,270.80	12,708	5.50	5.48	5.50
4 1/2 to 5 years..... (3/1/75)	32.64	65.28	130.56	261.12	652.80	1,305.60	13,056	5.50	5.51	5.50
5 to 5 1/2 years..... (9/1/75)	33.54	67.08	134.16	268.32	670.80	1,341.60	13,416	5.50	5.49	5.50
5 1/2 to 6 years..... (3/1/76)	34.46	68.92	137.84	275.68	689.20	1,378.40	13,784	5.50	5.51	5.50
6 to 6 1/2 years..... (9/1/76)	35.41	70.82	141.64	283.28	708.20	1,416.40	14,164	5.50	5.48	5.50
6 1/2 to 7 years..... (3/1/77)	36.38	72.76	145.52	291.04	727.60	1,455.20	14,552	5.50	5.50	5.50
7 to 7 1/2 years..... (9/1/77)	37.38	74.76	149.52	299.04	747.60	1,495.20	14,952	5.50	5.51	5.50
7 1/2 to 8 years..... (3/1/78)	38.41	76.82	153.64	307.28	768.20	1,536.40	15,364	5.50	5.52	5.50
8 to 8 1/2 years..... (9/1/78)	39.47	78.94	157.88	315.76	789.40	1,578.80	15,788	5.50	5.47	5.50
8 1/2 to 9 years..... (3/1/79)	40.55	81.10	162.20	324.40	811.00	1,622.00	16,220	5.50	5.52	5.50
9 to 9 1/2 years..... (9/1/79)	41.67	83.34	166.68	333.36	833.40	1,666.80	16,668	5.50	5.47	5.49
9 1/2 to 10 years..... (3/1/80)	42.81	85.62	171.24	342.48	856.20	1,712.40	17,124	5.50	5.51	5.51
<b>EXTENDED MATURITY VALUE (17 years and 9 months from issue date) (9/1/80)</b>	<b>43.99</b>	<b>87.98</b>	<b>175.96</b>	<b>351.92</b>	<b>879.80</b>	<b>1,759.60</b>	<b>17,596</b>	<b>5.50</b>		

<sup>1</sup> 12-month period in the case of the 7 1/2-year to 7-year and 9-month period.  
<sup>2</sup> Month, day, and year on which issues of Dec. 1, 1962, enter each period. For subsequent issue months add the appropriate number of months.

<sup>3</sup> Based on maturity value (or extended maturity value) in effect on the beginning date of the half-year period.  
<sup>4</sup> Yield on purchase price from issue date to extended maturity date is 4.86 percent.



TABLE 71

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1963

Issue price.....	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	100.00	200.00	500.00	1,000.00	10,001			
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)							(2) From beginning of each maturity or extended maturity period to begin- ning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From begin- ning of each half-year period <sup>1</sup> (a) to maturity <sup>1</sup>
								Percent	Percent	Percent
First 1/2 year..... <sup>2</sup> (6/1/63)	\$18.75	\$37.50	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
1/2 to 1 year.....(12/1/63)	18.91	37.82	75.64	151.28	378.20	756.40	7,564	1.71	2.96	3.89
1 to 1 1/2 years.....(6/1/64)	19.19	38.38	76.76	153.52	383.80	767.60	7,676	2.33	3.34	3.96
1 1/2 to 2 years.....(12/1/64)	19.51	39.02	78.04	156.08	390.20	780.40	7,804	2.67	4.00	4.01
2 to 2 1/2 years.....(6/1/65)	19.90	39.80	79.60	159.20	398.00	796.00	7,960	3.00	3.82	4.01
2 1/2 to 3 years.....(12/1/65)	20.28	40.56	81.12	162.24	405.60	811.20	8,112	3.16	3.85	4.43
3 to 3 1/2 years.....(6/1/66)	20.67	41.34	82.68	165.36	413.40	826.80	8,268	3.28	4.06	4.49
3 1/2 to 4 years.....(12/1/66)	21.09	42.18	84.36	168.72	421.80	843.60	8,436	3.39	4.27	4.54
4 to 4 1/2 years.....(6/1/67)	21.54	43.08	86.16	172.32	430.80	861.60	8,616	3.50	4.46	4.57
4 1/2 to 5 years.....(12/1/67)	22.02	44.04	88.08	176.16	440.40	880.80	8,808	3.60	4.45	4.59
5 to 5 1/2 years.....(6/1/68)	22.51	45.02	90.04	180.08	450.20	900.40	9,004	3.69	4.53	4.72
5 1/2 to 6 years.....(12/1/68)	23.02	46.04	92.08	184.16	460.40	920.80	9,208	3.77	4.62	4.76
6 to 6 1/2 years.....(6/1/69)	23.54	47.08	94.16	188.32	470.80	941.60	9,416	3.83	4.67	4.99
6 1/2 to 7 years.....(12/1/69)	24.09	48.18	96.36	192.72	481.80	963.60	9,636	3.89	4.73	5.12
7 to 7 1/2 years.....(6/1/70)	24.66	49.32	98.64	197.28	493.20	986.40	9,864	3.95	4.96	5.90

Redemption values and investment yields to maturity and extended maturity on basis of June 1, 1970, revision

7 1/2 years to 7 years and 9 months (12/1/70)	25.27	50.54	101.08	202.16	505.40	1,010.80	10,108	4.02	7.83	7.83
<b>MATURITY VALUE (7 years and 9 months from issue date).....</b> <sup>3</sup> (3/1/71)	<b>25.76</b>	<b>51.52</b>	<b>103.04</b>	<b>206.08</b>	<b>515.20</b>	<b>1,030.40</b>	<b>10,304</b>	<b>4.14</b>		
Period after maturity date	EXTENDED MATURITY PERIOD							(b) to extended maturity <sup>4</sup>		
First 1/2 year.....(3/1/71)	\$25.76	\$51.52	\$103.04	\$206.08	\$515.20	\$1,030.40	\$10,304	0.00	5.51	5.50
1/2 to 1 year.....(9/1/71)	26.47	52.94	105.88	211.76	529.40	1,058.80	10,588	5.51	5.52	5.50
1 to 1 1/2 years.....(3/1/72)	27.20	54.40	108.80	217.60	544.00	1,088.00	10,880	5.51	5.44	5.50
1 1/2 to 2 years.....(9/1/72)	27.94	55.88	111.76	223.52	558.80	1,117.60	11,176	5.49	5.51	5.50
2 to 2 1/2 years.....(3/1/73)	28.71	57.42	114.84	229.68	574.20	1,148.40	11,484	5.50	5.50	5.50
2 1/2 to 3 years.....(9/1/73)	29.50	59.00	118.00	236.00	590.00	1,180.00	11,800	5.50	5.49	5.50
3 to 3 1/2 years.....(3/1/74)	30.31	60.62	121.24	242.48	606.20	1,212.40	12,124	5.50	5.54	5.50
3 1/2 to 4 years.....(9/1/74)	31.15	62.30	124.60	249.20	623.00	1,246.00	12,460	5.50	5.46	5.50
4 to 4 1/2 years.....(3/1/75)	32.00	64.00	128.00	256.00	640.00	1,280.00	12,800	5.50	5.50	5.50
4 1/2 to 5 years.....(9/1/75)	32.88	65.76	131.52	263.04	657.60	1,315.20	13,152	5.50	5.54	5.50
5 to 5 1/2 years.....(3/1/76)	33.79	67.58	135.16	270.32	675.80	1,351.60	13,516	5.50	5.50	5.50
5 1/2 to 6 years.....(9/1/76)	34.72	69.44	138.88	277.76	694.40	1,388.80	13,888	5.50	5.47	5.50
6 to 6 1/2 years.....(3/1/77)	35.67	71.34	142.68	285.36	713.40	1,426.80	14,268	5.50	5.49	5.50
6 1/2 to 7 years.....(9/1/77)	36.65	73.30	146.60	293.20	733.00	1,466.00	14,660	5.50	5.51	5.50
7 to 7 1/2 years.....(3/1/78)	37.66	75.32	150.64	301.28	753.20	1,506.40	15,064	5.50	5.52	5.50
7 1/2 to 8 years.....(9/1/78)	38.70	77.40	154.80	309.60	774.00	1,548.00	15,480	5.50	5.48	5.50
8 to 8 1/2 years.....(3/1/79)	39.76	79.52	159.04	318.08	795.20	1,590.40	15,904	5.50	5.48	5.50
8 1/2 to 9 years.....(9/1/79)	40.85	81.70	163.40	326.80	817.00	1,634.00	16,340	5.50	5.53	5.51
9 to 9 1/2 years.....(3/1/80)	41.98	83.96	167.92	335.84	839.60	1,679.20	16,792	5.50	5.48	5.50
9 1/2 to 10 years.....(9/1/80)	43.13	86.26	172.52	345.04	862.00	1,723.20	17,232	5.50	5.52	5.52
<b>EXTENDED MATURITY VALUE</b> <b>(17 years and 9 months from issue</b> <b>date).....</b> <sup>3</sup> (3/1/81)	<b>44.32</b>	<b>88.64</b>	<b>177.28</b>	<b>354.56</b>	<b>886.40</b>	<b>1,772.80</b>	<b>17,728</b>	<b>5.50</b>		

<sup>1</sup> 3-month period in the case of the 7 1/2-year to 7-year and 9-month period.<sup>2</sup> Month, day, and year on which issues of June 1, 1963, enter each period. For subsequent issue months add the appropriate number of months.<sup>3</sup> Based on maturity value (or extended maturity value) in effect on the beginning date of the half-year period.<sup>4</sup> Yield on purchase price from issue date to extended maturity date is 4.01 percent.



RULES AND REGULATIONS

17641

TABLE 72

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1963, THROUGH MARCH 1, 1964

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000				
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From beginning of each maturity or extended maturity period to be- ginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From begin- ning of each half-year period <sup>1</sup> (a) to maturity <sup>2</sup>	
									Percent	Percent	Percent	
First 1/2 year.....	<sup>1</sup> (12/1/63)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
1/2 to 1 year.....	(6/1/64)	18.91	37.82	56.73	75.64	151.28	378.20	756.40	7,564	1.71	2.96	3.89
1 to 1 1/2 years.....	(12/1/64)	19.19	38.38	57.57	76.76	153.52	383.80	767.60	7,676	2.33	3.34	3.96
1 1/2 to 2 years.....	(6/1/65)	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	2.67	4.00	4.01
2 to 2 1/2 years.....	(12/1/65)	19.90	39.80	59.70	79.60	159.20	398.00	796.00	7,960	3.00	3.92	4.41
2 1/2 to 3 years.....	(6/1/66)	20.29	40.58	60.87	81.16	162.32	405.80	811.60	8,116	3.18	3.84	4.45
3 to 3 1/2 years.....	(12/1/66)	20.68	41.36	62.04	82.72	165.44	413.60	827.20	8,272	3.29	4.06	4.52
3 1/2 to 4 years.....	(6/1/67)	21.10	42.20	63.30	84.40	168.80	422.00	844.00	8,440	3.40	4.26	4.57
4 to 4 1/2 years.....	(12/1/67)	21.56	43.12	64.68	86.24	172.48	431.20	862.40	8,624	3.52	4.55	4.60
4 1/2 to 5 years.....	(6/1/68)	22.05	44.10	66.15	88.20	176.40	441.00	882.00	8,820	3.64	4.44	4.72
5 to 5 1/2 years.....	(12/1/68)	22.54	45.08	67.62	90.16	180.32	450.80	901.60	9,016	3.72	4.53	4.77
5 1/2 to 6 years.....	(6/1/69)	23.05	46.10	69.15	92.20	184.40	461.00	922.00	9,220	3.79	4.69	5.00
6 to 6 1/2 years.....	(12/1/69)	23.59	47.18	70.77	94.36	188.72	471.80	943.60	9,436	3.86	4.75	5.09
6 1/2 to 7 years.....	(6/1/70)	24.15	48.30	72.45	96.60	193.20	483.00	966.00	9,660	3.93	4.80	5.74

Redemption values and investment yields to maturity and extended maturity on basis of June 1, 1970, revision

7 to 7 1/2 years.....	(12/1/70)	24.73	49.46	74.19	98.92	197.84	494.60	989.20	9,892	3.99	5.01	6.37
7 1/2 years to 7 years and 9 months	(6/1/71)	25.35	50.70	76.05	101.40	202.80	507.00	1,014.00	10,140	4.06	9.10	9.10
<b>MATURITY VALUE (7 years and 9 months from issue date).....</b>	<b>(9/1/71)</b>	<b>25.92</b>	<b>51.84</b>	<b>77.76</b>	<b>103.68</b>	<b>207.36</b>	<b>518.40</b>	<b>1,036.80</b>	<b>10,368</b>	<b><sup>3</sup> 4.22</b>		

Period after maturity date	EXTENDED MATURITY PERIOD								(b) to extended maturity <sup>3</sup>			
First 1/2 year.....	(9/1/71)	\$25.92	\$51.84	\$77.76	\$103.68	\$207.36	\$518.40	\$1,036.80	\$10,368	0.00	5.48	5.50
1/2 to 1 year.....	(3/1/72)	26.63	53.26	79.89	106.52	213.04	532.60	1,065.20	10,652	5.48	5.56	5.50
1 to 1 1/2 years.....	(9/1/72)	27.37	54.74	82.11	109.48	218.96	547.40	1,094.80	10,948	5.52	5.48	5.50
1 1/2 to 2 years.....	(3/1/73)	28.12	56.24	84.36	112.48	224.96	562.40	1,124.80	11,248	5.51	5.48	5.50
2 to 2 1/2 years.....	(9/1/73)	28.89	57.78	86.67	115.66	231.12	577.80	1,155.60	11,556	5.50	5.54	5.50
2 1/2 to 3 years.....	(3/1/74)	29.69	59.38	89.07	118.76	237.52	593.80	1,187.60	11,876	5.51	5.46	5.50
3 to 3 1/2 years.....	(9/1/74)	30.50	61.00	91.50	122.00	244.00	610.00	1,220.00	12,200	5.50	5.51	5.50
3 1/2 to 4 years.....	(3/1/75)	31.34	62.68	94.02	125.36	250.72	626.80	1,253.60	12,536	5.50	5.49	5.50
4 to 4 1/2 years.....	(9/1/75)	32.20	64.40	96.60	128.80	257.60	644.00	1,288.00	12,880	5.50	5.53	5.50
4 1/2 to 5 years.....	(3/1/76)	33.09	66.18	99.27	132.36	264.72	661.80	1,323.60	13,236	5.50	5.50	5.50
5 to 5 1/2 years.....	(9/1/76)	34.00	68.00	102.00	136.00	272.00	680.00	1,360.00	13,600	5.50	5.47	5.50
5 1/2 to 6 years.....	(3/1/77)	34.93	69.86	104.79	139.72	279.44	698.60	1,397.20	13,972	5.50	5.50	5.50
6 to 6 1/2 years.....	(9/1/77)	35.89	71.78	107.67	143.56	287.12	717.80	1,435.60	14,356	5.50	5.52	5.50
6 1/2 to 7 years.....	(3/1/78)	36.88	73.76	110.64	147.52	295.04	737.60	1,475.20	14,752	5.50	5.48	5.50
7 to 7 1/2 years.....	(9/1/78)	37.89	75.78	113.67	151.56	303.12	757.80	1,515.60	15,156	5.50	5.54	5.50
7 1/2 to 8 years.....	(3/1/79)	38.94	77.88	116.82	155.76	311.52	778.50	1,557.60	15,576	5.50	5.50	5.49
8 to 8 1/2 years.....	(9/1/79)	40.01	80.02	120.03	160.04	320.08	800.20	1,600.40	16,004	5.50	5.50	5.49
8 1/2 to 9 years.....	(3/1/80)	41.11	82.22	123.33	164.44	328.88	822.20	1,644.40	16,444	5.50	5.50	5.49
9 to 9 1/2 years.....	(9/1/80)	42.24	84.48	126.72	168.96	337.92	844.80	1,689.60	16,896	5.50	5.49	5.49
9 1/2 to 10 years.....	(3/1/81)	43.40	86.80	130.20	173.60	347.20	868.00	1,736.00	17,360	5.50	5.48	5.48
<b>EXTENDED MATURITY VALUE</b> <b>(17 years and 9 months from issue date).....</b>	<b>(9/1/81)</b>	<b>44.59</b>	<b>89.18</b>	<b>133.77</b>	<b>178.36</b>	<b>356.72</b>	<b>891.80</b>	<b>1,783.60</b>	<b>17,836</b>	<b><sup>3</sup> 5.50</b>		

<sup>1</sup> 15-month period in the case of the 7 1/2-year to 7-year and 9-month period.  
<sup>2</sup> Month, day, and year on which issues of Dec. 1, 1963, enter each period. For subsequent issue months add the appropriate number of months.

<sup>3</sup> Based on maturity value (or extended maturity value) in effect on the beginning date of the half-year period.

<sup>4</sup> Yield on purchase price from issue date to extended maturity date is 4.94 percent.



## RULES AND REGULATIONS

TABLE 73

## BONDS BEARING ISSUE DATES FROM APRIL 1 THROUGH MAY 1, 1964

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000				
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>1</sup> to maturity <sup>1</sup>	
									Percent	Percent	Percent	
First ½ year.....	<sup>2</sup> (4/1/64)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
½ to 1 year.....	(10/1/64)	18.91	37.82	56.73	75.64	151.28	378.20	756.40	7,564	1.71	2.96	3.89
1 to 1½ years.....	(4/1/65)	19.19	38.38	57.57	76.76	153.52	383.80	767.60	7,676	2.55	3.34	3.98
1½ to 2 years.....	(10/1/65)	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	2.67	4.00	4.01
2 to 2½ years.....	(4/1/66)	19.90	39.80	59.70	79.60	159.20	398.00	796.00	7,960	3.00	3.92	4.41
2½ to 3 years.....	(10/1/66)	20.29	40.58	60.87	81.16	162.32	405.80	811.60	8,116	3.18	3.84	4.45
3 to 3½ years.....	(4/1/67)	20.68	41.36	62.04	82.72	165.44	413.60	827.20	8,272	3.29	4.06	4.52
3½ to 4 years.....	(10/1/67)	21.10	42.20	63.30	84.40	168.80	422.00	844.00	8,440	3.40	4.30	4.60
4 to 4½ years.....	(4/1/68)	21.56	43.12	64.68	86.24	172.48	431.20	862.40	8,624	3.52	4.55	4.72
4½ to 5 years.....	(10/1/68)	22.05	44.10	66.15	88.20	176.40	441.00	882.00	8,820	3.64	4.84	4.77
5 to 5½ years.....	(4/1/69)	22.54	45.08	67.62	90.16	180.32	450.80	901.60	9,016	3.72	4.89	5.00
5½ to 6 years.....	(10/1/69)	23.05	46.10	69.15	92.20	184.40	461.00	922.00	9,220	3.79	4.75	5.00
6 to 6½ years.....	(4/1/70)	23.59	47.18	70.77	94.36	188.72	471.80	943.60	9,436	3.86	4.80	5.14
6½ to 7 years.....	(10/1/70)	24.15	48.30	72.45	96.60	193.20	483.00	966.00	9,660	3.93		

## Redemption values and investment yields to maturity on basis of June 1, 1970, revision

7 to 7½ years.....	(4/1/71)	24.73	49.46	74.19	98.92	197.84	494.60	989.20	9,892	3.99	5.01	6.42
7½ years to 7 years and 9 months.....	(10/1/71)	25.35	50.70	76.05	101.40	202.80	507.00	1,014.00	10,140	4.06	9.10	9.10
<b>MATURITY VALUE (7 years and 9 months from issue date)</b> .....	<b>(1/1/72)</b>	<b>25.92</b>	<b>51.84</b>	<b>77.76</b>	<b>103.68</b>	<b>207.36</b>	<b>518.40</b>	<b>1,036.80</b>	<b>10,368</b>	<b>4.22</b>		

<sup>1</sup> 3-month period in the case of the 7½-year to 7-year and 9-month period.<sup>2</sup> Month, day, and year on which issues of April 1, 1964, enter each period. For

subsequent issue months add the appropriate number of months.

<sup>3</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 74

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1964

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000				
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>1</sup> to maturity <sup>1</sup>	
									Percent	Percent	Percent	
First ½ year.....	<sup>2</sup> (6/1/64)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
½ to 1 year.....	(12/1/64)	18.91	37.82	56.73	75.64	151.28	378.20	756.40	7,564	1.71	2.96	3.89
1 to 1½ years.....	(6/1/65)	19.19	38.38	57.57	76.76	153.52	383.80	767.60	7,676	2.33	3.34	3.98
1½ to 2 years.....	(12/1/65)	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	2.67	4.10	4.41
2 to 2½ years.....	(6/1/66)	19.91	39.82	59.73	79.64	159.28	398.20	796.40	7,964	3.02	3.92	4.45
2½ to 3 years.....	(12/1/66)	20.30	40.60	60.90	81.20	162.40	406.00	812.00	8,120	3.20	3.84	4.48
3 to 3½ years.....	(6/1/67)	20.69	41.38	62.07	82.76	165.52	413.80	827.60	8,276	3.31	4.16	4.55
3½ to 4 years.....	(12/1/67)	21.12	42.24	63.36	84.48	168.96	422.40	844.80	8,448	3.43	4.45	4.60
4 to 4½ years.....	(6/1/68)	21.59	43.18	64.77	86.36	172.72	431.80	863.60	8,636	3.56	4.54	4.72
4½ to 5 years.....	(12/1/68)	22.08	44.16	66.24	88.32	176.64	441.60	883.20	8,832	3.67	4.53	4.75
5 to 5½ years.....	(6/1/69)	22.58	45.16	67.74	90.32	180.64	451.60	903.20	9,032	3.75	4.61	4.99
5½ to 6 years.....	(12/1/69)	23.10	46.20	69.30	92.40	184.80	462.00	924.00	9,240	3.83	4.68	5.08
6 to 6½ years.....	(6/1/70)	23.64	47.28	70.92	94.56	189.12	472.80	945.60	9,456	3.90	4.82	5.12

## Redemption values and investment yields to maturity on basis of June 1, 1970, revision

6½ to 7 years.....	(12/1/70)	24.21	48.42	72.63	96.84	193.68	484.20	968.40	9,684	3.97	4.96	6.07
7 to 7½ years.....	(6/1/71)	24.81	49.62	74.43	99.24	198.48	496.20	992.40	9,924	4.04	5.08	6.82
7½ years to 7 years and 9 months.....	(12/1/71)	25.44	50.88	76.32	101.76	203.52	508.80	1,017.60	10,176	4.11	10.35	10.35
<b>MATURITY VALUE (7 years and 9 months from issue date)</b> .....	<b>(3/1/72)</b>	<b>26.09</b>	<b>52.18</b>	<b>78.27</b>	<b>104.36</b>	<b>208.72</b>	<b>521.80</b>	<b>1,043.60</b>	<b>10,436</b>	<b>4.31</b>		

<sup>1</sup> 3-month period in the case of the 7½-year to 7-year and 9-month period.<sup>2</sup> Month, day, and year on which issues of June 1, 1964, enter each period. For subsequent issue months add the appropriate number of months.<sup>3</sup> Based on maturity value in effect on the beginning date of the half-year period.



TABLE 75

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1964, THROUGH MAY 1, 1965

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>1</sup> to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1½ year..... <sup>1</sup> (12/1/64)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
1½ to 1 year.....(6/1/65)	18.91	37.82	56.73	75.64	151.28	378.20	756.40	7,564	1.71	2.96	3.89
1 to 1½ years.....(12/1/65)	19.19	38.38	57.57	76.76	153.52	383.80	767.60	7,676	2.33	3.44	4.36
1½ to 2 years.....(6/1/66)	19.52	39.04	58.56	78.08	156.16	390.40	780.80	7,808	2.70	4.10	4.45
2 to 2½ years.....(12/1/66)	19.92	39.84	59.76	79.68	159.36	398.40	796.80	7,968	3.05	3.92	4.46
2½ to 3 years.....(6/1/67)	20.31	40.62	60.93	81.24	162.48	406.20	812.40	8,124	3.22	3.94	4.51
3 to 3½ years.....(12/1/67)	20.71	41.42	62.13	82.84	165.68	414.20	828.40	8,284	3.34	4.25	4.57
3½ to 4 years.....(6/1/68)	21.15	42.30	63.45	84.60	169.20	423.00	846.00	8,460	3.47	4.35	4.71
4 to 4½ years.....(12/1/68)	21.61	43.22	64.83	86.44	172.88	432.20	864.40	8,644	3.58	4.63	4.76
4½ to 5 years.....(6/1/69)	22.11	44.22	66.33	88.44	176.88	442.20	884.40	8,844	3.70	4.61	5.00
5 to 5½ years.....(12/1/69)	22.62	45.24	67.86	90.48	180.96	452.40	904.80	9,048	3.79	4.69	5.07
5½ to 6 years.....(6/1/70)	23.15	46.30	69.45	92.60	185.20	463.00	926.00	9,260	3.87	4.84	5.66
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
6 to 6½ years.....(12/1/70)	23.71	47.42	71.13	94.84	189.68	474.20	948.40	9,484	3.95	4.81	5.80
6½ to 7 years.....(6/1/71)	24.28	48.56	72.84	97.12	194.24	485.60	971.20	9,712	4.02	5.02	6.34
7 to 7½ years.....(12/1/71)	24.89	49.78	74.67	99.56	199.12	497.80	995.60	9,956	4.09	5.06	7.22
7½ years to 7 years and 9 months.....(6/1/72)	25.52	51.04	76.50	102.08	204.16	510.40	1,020.80	10,208	4.15	11.61	11.61
<b>MATURITY VALUE (7 years and 9 months from issue date).....(9/1/72)</b>	<b>26.25</b>	<b>52.50</b>	<b>78.75</b>	<b>105.00</b>	<b>210.00</b>	<b>525.00</b>	<b>1,050.00</b>	<b>10,500</b>	<b>4.39</b>		

<sup>1</sup> 13-month period in the case of the 7½-year to 7-year and 9-month period.  
<sup>2</sup> Month, day, and year on which issues of Dec. 1, 1964, enter each period. For subsequent issue months add the appropriate number of months.

<sup>3</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 76

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1965

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>1</sup> to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1½ year..... <sup>1</sup> (6/1/65)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	1.71	3.75
1½ to 1 year.....(12/1/65)	18.91	37.82	56.73	75.64	151.28	378.20	756.40	7,564	1.71	3.07	4.29
1 to 1½ years.....(6/1/66)	19.20	38.40	57.60	76.80	153.60	384.00	768.00	7,680	2.39	3.44	4.38
1½ to 2 years.....(12/1/66)	19.53	39.06	58.59	78.12	156.24	390.60	781.20	7,812	2.74	4.10	4.45
2 to 2½ years.....(6/1/67)	19.93	39.86	59.79	79.72	159.44	398.60	797.20	7,972	3.08	3.91	4.49
2½ to 3 years.....(12/1/67)	20.32	40.64	60.96	81.28	162.56	406.40	812.80	8,128	3.24	4.04	4.54
3 to 3½ years.....(6/1/68)	20.73	41.46	62.19	82.92	165.84	414.60	829.20	8,292	3.37	4.25	4.69
3½ to 4 years.....(12/1/68)	21.17	42.34	63.51	84.68	169.36	423.40	846.80	8,468	3.50	4.53	4.75
4 to 4½ years.....(6/1/69)	21.63	43.26	64.95	86.60	173.20	433.00	866.00	8,660	3.63	4.62	5.00
4½ to 5 years.....(12/1/69)	22.15	44.30	66.45	88.60	177.20	443.00	886.00	8,860	3.74	4.70	5.05
5 to 5½ years.....(6/1/70)	22.67	45.34	68.01	90.68	181.36	453.40	906.80	9,068	3.83	4.76	5.62
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
6½ to 6 years.....(12/1/70)	23.21	46.42	69.63	92.84	185.68	464.20	928.40	9,284	3.92	4.83	5.81
6 to 6½ years.....(6/1/71)	23.77	47.54	71.31	95.08	190.16	475.40	950.80	9,508	3.99	4.88	6.09
6½ to 7 years.....(12/1/71)	24.35	48.70	73.05	97.40	194.80	487.00	974.00	9,740	4.06	5.09	6.57
7 to 7½ years.....(6/1/72)	24.97	49.94	74.91	99.88	199.76	499.40	998.80	9,988	4.13	5.05	7.56
7½ years to 7 years and 9 months.....(12/1/72)	25.60	51.20	76.80	102.40	204.80	512.00	1,024.00	10,240	4.20	12.70	12.70
<b>MATURITY VALUE (7 years and 9 months from issue date).....(3/1/73)</b>	<b>26.40</b>	<b>52.80</b>	<b>79.20</b>	<b>105.60</b>	<b>211.20</b>	<b>528.00</b>	<b>1,056.00</b>	<b>10,560</b>	<b>4.46</b>		

<sup>1</sup> 13-month period in the case of the 7½-year to 7-year and 9-month period.  
<sup>2</sup> Month, day, and year on which issues of June 1, 1965, enter each period. For subsequent issue months add the appropriate number of months.

<sup>3</sup> Based on maturity value in effect on the beginning date of the half-year period.



## RULES AND REGULATIONS

TABLE 77

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1965, THROUGH MAY 1, 1966

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000			
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/65)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.15
1/2 to 1 year..... (6/1/66)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.30
1 to 1 1/2 years..... (12/1/66)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	3.93	4.34
1 1/2 to 2 years..... (6/1/67)	19.70	39.40	59.10	78.80	157.60	394.00	788.00	7,880	3.32	4.06	4.38
2 to 2 1/2 years..... (12/1/67)	20.10	40.20	60.30	80.40	160.80	402.00	804.00	8,040	3.51	4.18	4.41
2 1/2 to 3 years..... (6/1/68)	20.52	41.04	61.56	82.08	164.16	410.40	820.80	8,208	3.64	4.29	4.53
3 to 3 1/2 years..... (12/1/68)	20.96	41.92	62.88	83.84	167.68	419.20	838.40	8,384	3.75	4.39	4.58
3 1/2 to 4 years..... (6/1/69)	21.42	42.84	64.26	85.68	171.36	428.40	856.80	8,568	3.84	4.48	4.63
4 to 4 1/2 years..... (12/1/69)	21.90	43.80	65.70	87.60	175.20	438.00	876.00	8,760	3.92	4.47	4.66
4 1/2 to 5 years..... (6/1/70)	22.39	44.78	67.17	89.56	179.12	447.80	895.60	8,956	3.98	4.73	4.72
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
5 to 5 1/2 years..... (12/1/70)	22.92	45.84	68.76	91.68	183.36	458.40	916.80	9,168	4.06	4.71	5.07
5 1/2 to 6 years..... (6/1/71)	23.46	46.92	70.38	93.84	187.68	469.20	938.40	9,384	4.12	5.03	5.39
6 to 6 1/2 years..... (12/1/71)	24.05	48.10	72.15	96.20	192.40	481.00	962.00	9,620	4.19	5.07	5.67
6 1/2 to 7 years..... (6/1/72)	24.66	49.32	73.98	98.64	197.28	493.20	986.40	9,864	4.26	5.08	5.68
<b>MATURITY VALUE (7 years from issue date).....</b> (12/1/72)	<b>25.78</b>	<b>51.56</b>	<b>77.34</b>	<b>103.12</b>	<b>206.24</b>	<b>515.60</b>	<b>1,031.20</b>	<b>10,312</b>	<b>4.60</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1965, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 78

BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1966

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)		
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000			
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (6/1/66)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.15
1/2 to 1 year..... (12/1/66)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.30
1 to 1 1/2 years..... (6/1/67)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	3.93	4.34
1 1/2 to 2 years..... (12/1/67)	19.70	39.40	59.10	78.80	157.60	394.00	788.00	7,880	3.32	4.06	4.38
2 to 2 1/2 years..... (6/1/68)	20.10	40.20	60.30	80.40	160.80	402.00	804.00	8,040	3.51	4.18	4.41
2 1/2 to 3 years..... (12/1/68)	20.52	41.04	61.56	82.08	164.16	410.40	820.80	8,208	3.64	4.29	4.53
3 to 3 1/2 years..... (6/1/69)	20.96	41.92	62.88	83.84	167.68	419.20	838.40	8,384	3.75	4.48	4.58
3 1/2 to 4 years..... (12/1/69)	21.42	42.84	64.26	85.72	171.44	428.60	857.20	8,572	3.85	4.48	4.63
4 to 4 1/2 years..... (6/1/70)	21.91	43.82	65.73	87.64	175.28	438.20	876.40	8,764	3.93	4.66	4.66
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
4 1/2 to 5 years..... (12/1/70)	22.42	44.84	67.26	89.68	179.36	448.40	896.80	8,968	4.01	4.73	5.09
5 to 5 1/2 years..... (6/1/71)	22.95	45.90	68.85	91.80	183.60	459.00	918.00	9,180	4.08	4.88	5.18
5 1/2 to 6 years..... (12/1/71)	23.51	47.02	70.53	94.04	188.08	470.20	940.40	9,404	4.16	5.02	5.41
6 to 6 1/2 years..... (6/1/72)	24.10	48.20	72.30	96.40	192.80	482.00	964.00	9,640	4.23	5.15	5.61
6 1/2 to 7 years..... (12/1/72)	24.72	49.44	74.16	98.88	197.76	494.40	988.80	9,888	4.30	5.17	5.71
<b>MATURITY VALUE (7 years from issue date).....</b> (6/1/73)	<b>25.92</b>	<b>51.84</b>	<b>77.76</b>	<b>103.68</b>	<b>207.36</b>	<b>518.40</b>	<b>1,036.80</b>	<b>10,368</b>	<b>4.68</b>		

<sup>1</sup> Month, day, and year on which issues of June 1, 1966, enter each period. For subsequent issue months add the appropriate number of months.<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.



TABLE 79  
BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1966, THROUGH MAY 1, 1967

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>2</sup>
									Percent	Percent	Percent
First ½ year..... <sup>1</sup> (12/1/66)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.15
½ to 1 year..... (6/1/67)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.30
1 to 1½ years..... (12/1/67)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	3.93	4.34
1½ to 2 years..... (6/1/68)	19.70	39.40	59.10	78.80	157.60	394.00	788.00	7,880	3.32	4.06	4.48
2 to 2½ years..... (12/1/68)	20.10	40.20	60.30	80.40	160.80	402.00	804.00	8,040	3.51	4.18	4.53
2½ to 3 years..... (6/1/69)	20.52	41.04	61.56	82.08	164.16	410.40	820.80	8,208	3.64	4.29	5.00
3 to 3½ years..... (12/1/69)	20.97	41.94	62.91	83.88	167.76	419.40	838.80	8,388	3.76	4.48	5.08
3½ to 4 years..... (6/1/70)	21.44	42.88	64.32	85.76	171.52	428.80	857.60	8,576	3.87	4.66	5.07

Redemption values and investment yields to maturity on basis of June 1, 1970, revision

4 to 4½ years..... (12/1/70)	21.94	43.88	65.82	87.76	175.52	438.80	877.60	8,776	3.97	4.74	5.83
4½ to 5 years..... (6/1/71)	22.46	44.92	67.38	89.84	179.68	449.20	898.40	8,984	4.05	4.81	6.05
5 to 5½ years..... (12/1/71)	23.00	46.00	69.00	92.00	184.00	460.00	920.00	9,200	4.13	4.87	6.30
5½ to 6 years..... (6/1/72)	23.56	47.12	70.68	94.24	188.48	471.20	942.40	9,424	4.20	5.09	6.80
6 to 6½ years..... (12/1/72)	24.16	48.32	72.48	96.64	193.28	483.20	966.40	9,664	4.27	5.22	7.76
6½ to 7 years..... (6/1/73)	24.79	49.58	74.37	99.16	198.32	495.80	991.60	9,916	4.34	10.33	10.33
<b>MATURITY VALUE (7 years from issue date)..... (12/1/73)</b>	<b>26.07</b>	<b>52.14</b>	<b>78.21</b>	<b>104.28</b>	<b>208.56</b>	<b>521.40</b>	<b>1,042.80</b>	<b>10,428</b>	<b>4.76</b>		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1966, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 80  
BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1967

Issue price..... Denomination.....	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>2</sup>
									Percent	Percent	Percent
First ½ year..... <sup>1</sup> (6/1/67)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.15
½ to 1 year..... (12/1/67)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.30
1 to 1½ years..... (6/1/68)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	3.93	4.44
1½ to 2 years..... (12/1/68)	19.70	39.40	59.10	78.80	157.60	394.00	788.00	7,880	3.32	4.06	4.49
2 to 2½ years..... (6/1/69)	20.10	40.20	60.30	80.40	160.80	402.00	804.00	8,040	3.51	4.28	5.00
2½ to 3 years..... (12/1/69)	20.53	41.06	61.59	82.12	164.24	410.60	821.20	8,212	3.66	4.38	5.08
3 to 3½ years..... (6/1/70)	20.98	41.96	62.94	83.92	167.84	419.60	839.20	8,392	3.78	4.58	5.07

Redemption values and investment yields to maturity on basis of June 1, 1970, revision

3½ to 4 years..... (12/1/70)	21.46	42.92	64.38	85.84	171.68	429.20	858.40	8,584	3.89	4.75	5.83
4 to 4½ years..... (6/1/71)	21.97	43.94	65.91	87.88	175.76	439.40	878.80	8,788	4.00	4.82	6.01
4½ to 5 years..... (12/1/71)	22.50	45.00	67.50	90.00	180.00	450.00	900.00	9,000	4.09	4.89	6.25
5 to 5½ years..... (6/1/72)	23.05	46.10	69.15	92.20	184.40	461.00	922.00	9,220	4.17	4.95	6.59
5½ to 6 years..... (12/1/72)	23.62	47.24	70.86	94.48	188.96	472.40	944.80	9,448	4.24	5.17	7.14
6 to 6½ years..... (6/1/73)	24.23	48.46	72.69	96.92	193.84	484.60	969.20	9,692	4.32	5.37	8.13
6½ to 7 years..... (12/1/73)	24.88	49.76	74.64	99.52	199.04	497.60	995.20	9,952	4.40	10.93	10.93
<b>MATURITY VALUE (7 years from issue date)..... (6/1/74)</b>	<b>26.24</b>	<b>52.48</b>	<b>78.72</b>	<b>104.96</b>	<b>209.92</b>	<b>524.80</b>	<b>1,049.60</b>	<b>10,496</b>	<b>4.86</b>		

<sup>1</sup> Month, day, and year on which issues of June 1, 1967, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.



TABLE 81

## BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1967, THROUGH MAY 1, 1968

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000				
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>1</sup>	
									Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (12/1/67)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.15
½ to 1 year.....	(6/1/68)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.40
1 to 1½ years.....	(12/1/68)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	3.93	4.45
1½ to 2 years.....	(6/1/69)	19.70	39.40	59.10	78.80	157.60	394.00	788.00	7,880	3.52	4.16	4.60
2 to 2½ years.....	(12/1/69)	20.11	40.22	60.33	80.44	160.88	402.20	804.40	8,044	3.53	4.28	4.69
2½ to 3 years.....	(6/1/70)	20.54	41.08	61.62	82.16	164.32	410.50	821.00	8,210	3.68	4.48	4.68
Redemption values and investment yields to maturity on basis of June 1, 1970, revision												
3 to 3½ years.....	(12/1/70)	21.00	42.00	63.00	84.00	168.00	420.00	840.00	8,400	3.81	4.76	5.83
3½ to 4 years.....	(6/1/71)	21.50	43.00	64.50	86.00	172.00	430.00	860.00	8,600	3.95	4.74	5.99
4 to 4½ years.....	(12/1/71)	22.01	44.02	66.03	88.04	176.08	440.20	880.40	8,804	4.05	4.91	6.19
4½ to 5 years.....	(6/1/72)	22.55	45.10	67.65	90.20	180.40	451.00	902.00	9,020	4.14	4.97	6.45
5 to 5½ years.....	(12/1/72)	23.11	46.22	69.33	92.44	184.88	462.20	924.40	9,244	4.23	5.11	6.83
5½ to 6 years.....	(6/1/73)	23.70	47.40	71.10	94.80	189.60	474.00	948.00	9,480	4.31	5.25	7.40
6 to 6½ years.....	(12/1/73)	24.32	48.64	72.96	97.28	194.56	486.40	972.80	9,728	4.38	5.35	8.50
6½ to 7 years.....	(6/1/74)	24.97	49.94	74.91	99.88	199.76	499.40	998.80	9,988	4.46	5.69	11.69
<b>MATURITY VALUE (7 years from issue date)</b> .....	(12/1/74)	26.43	52.86	79.29	105.72	211.44	528.60	1,057.20	10,572	4.96		

<sup>1</sup> Month, day, and year on which issues of Dec. 1, 1967, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 82

## BONDS BEARING ISSUE DATES FROM JUNE 1 THROUGH NOVEMBER 1, 1968

Issue price.....	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	Approximate investment yield (annual percentage rate)			
Denomination.....	25.00	50.00	75.00	100.00	200.00	500.00	1,000.00	10,000				
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>1</sup>	
									Percent	Percent	Percent	
First ½ year.....	<sup>1</sup> (6/1/68)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.25
½ to 1 year.....	(12/1/68)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.80	4.40
1 to 1½ years.....	(6/1/69)	19.32	38.64	57.96	77.28	154.56	386.40	772.80	7,728	3.02	4.04	4.60
1½ to 2 years.....	(12/1/69)	19.71	39.42	59.13	78.84	157.68	394.20	788.40	7,884	3.36	4.16	4.69
2 to 2½ years.....	(6/1/70)	20.12	40.24	60.36	80.48	160.96	402.40	804.80	8,048	3.56	4.37	4.68
Redemption values and investment yields to maturity on basis of June 1, 1970, revision												
2½ to 3 years.....	(12/1/70)	20.56	41.12	61.68	82.24	164.48	411.20	822.40	8,224	3.72	4.57	5.82
3 to 3½ years.....	(6/1/71)	21.03	42.06	63.09	84.12	168.24	420.60	841.20	8,412	3.86	4.85	5.98
3½ to 4 years.....	(12/1/71)	21.54	43.08	64.62	86.16	172.32	430.80	861.60	8,616	4.00	4.92	6.14
4 to 4½ years.....	(6/1/72)	22.07	44.14	66.21	88.28	176.56	441.40	882.80	8,828	4.12	4.98	6.35
4½ to 5 years.....	(12/1/72)	22.62	45.24	67.86	90.48	180.96	452.40	904.80	9,048	4.21	5.04	6.62
5 to 5½ years.....	(6/1/73)	23.19	46.38	69.57	92.76	185.52	463.80	927.60	9,276	4.30	5.17	7.02
5½ to 6 years.....	(12/1/73)	23.79	47.58	71.37	95.16	190.32	474.80	949.60	9,496	4.38	5.30	7.64
6 to 6½ years.....	(6/1/74)	24.42	48.84	73.26	97.68	195.36	488.40	976.80	9,768	4.45	5.49	8.51
6½ to 7 years.....	(12/1/74)	25.09	50.18	75.27	100.36	200.72	501.60	1,003.60	10,036	4.53	5.89	12.20
<b>MATURITY VALUE (7 years from issue date)</b> .....	(6/1/75)	26.62	53.24	79.86	106.48	212.96	532.40	1,064.80	10,648	5.07		

<sup>1</sup> Month, day and year on which issues of June 1, 1968, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.



TABLE 83

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1968 THROUGH MAY 1, 1969

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period	(3) From begin- ning of each half-year period to beginning of next half-year period	(4) From beginning of each half-year period to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1/2 year..... <sup>1</sup> (12/1/68)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	2.24	4.25
1/2 to 1 year..... (6/1/69)	18.96	37.92	56.88	75.84	151.68	379.20	758.40	7,584	2.24	3.90	5.00
1 to 1 1/2 years..... (12/1/69)	19.33	38.66	57.99	77.32	154.64	386.60	773.20	7,732	3.07	4.94	5.99
1 1/2 to 2 years..... (6/1/70)	19.72	39.44	59.16	78.88	157.76	394.40	788.80	7,888	3.29	4.29	5.69
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
2 to 2 1/2 years..... (12/1/70)	20.14	40.28	60.42	80.56	161.12	402.80	805.60	8,056	3.61	4.47	5.83
2 1/2 to 3 years..... (6/1/71)	20.59	41.18	61.77	82.36	164.72	411.80	823.60	8,236	3.78	4.76	5.99
3 to 3 1/2 years..... (12/1/71)	21.08	42.16	63.24	84.32	168.64	421.60	843.20	8,432	3.94	4.84	6.14
3 1/2 to 4 years..... (6/1/72)	21.59	43.18	64.77	86.36	172.72	431.80	863.60	8,636	4.07	5.00	6.33
4 to 4 1/2 years..... (12/1/72)	22.13	44.26	66.39	88.52	177.04	442.60	885.20	8,852	4.19	5.15	6.55
4 1/2 to 5 years..... (6/1/73)	22.70	45.40	68.10	90.80	181.60	454.00	908.00	9,080	4.29	5.11	6.83
5 to 5 1/2 years..... (12/1/73)	23.28	46.56	69.84	93.12	186.24	466.60	933.20	9,312	4.38	5.24	7.26
5 1/2 to 6 years..... (6/1/74)	23.89	47.78	71.67	95.56	191.12	477.80	955.60	9,556	4.45	5.44	7.94
6 to 6 1/2 years..... (12/1/74)	24.54	49.08	73.62	98.16	196.32	490.80	981.60	9,816	4.54	5.62	9.20
6 1/2 to 7 years..... (6/1/75)	25.23	50.46	75.69	100.92	203.84	504.60	1,009.20	10,092	4.62	12.84	12.84
<b>MATURITY VALUE (7 years from issue date)..... (12/1/75)</b>	<b>26.85</b>	<b>53.70</b>	<b>80.55</b>	<b>107.40</b>	<b>214.80</b>	<b>537.00</b>	<b>1,074.00</b>	<b>10,740</b>	<b>5.20</b>		

<sup>1</sup> Month, day and year on which issues of Dec. 1, 1968 enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.

TABLE 84

BONDS BEARING ISSUE DATES FROM JUNE 1, 1969 THROUGH NOVEMBER 1, 1969

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period <sup>1</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>1</sup>	(3) From begin- ning of each half-year period <sup>1</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>1</sup> to maturity <sup>2</sup>
									Percent	Percent	Percent
First 1/2 year..... <sup>2</sup> (6/1/69)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	3.29	5.00
1/2 to 1 year..... (12/1/69)	19.05	38.10	57.15	76.20	152.40	381.00	762.00	7,620	3.29	4.83	5.17
1 to 1 1/2 years..... (6/1/70)	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	4.01	4.91	5.71
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
1 1/2 to 2 years..... (12/1/70)	19.95	39.90	59.85	79.80	159.60	399.00	798.00	7,980	4.18	4.51	5.85
2 to 2 1/2 years..... (6/1/71)	20.40	40.80	61.20	81.60	163.20	408.00	816.00	8,160	4.29	4.71	6.02
2 1/2 to 3 years..... (12/1/71)	20.88	41.76	62.64	83.52	167.04	417.60	835.20	8,352	4.35	4.80	6.22
3 to 3 1/2 years..... (6/1/72)	21.39	42.78	64.17	85.56	171.12	427.80	855.60	8,556	4.41	5.05	6.40
3 1/2 to 4 years..... (12/1/72)	21.93	43.86	65.79	87.72	175.44	438.60	877.20	8,772	4.53	5.47	6.76
4 to 4 1/2 years..... (6/1/73)	22.53	45.06	67.59	90.12	180.24	450.60	901.20	9,012	4.64	5.59	7.11
4 1/2 to 5 years..... (12/1/73)	23.16	46.32	69.48	92.64	185.28	463.20	926.40	9,264	4.75	5.70	7.60
5 to 5 1/2 years..... (6/1/74)	23.82	47.64	71.46	95.28	190.56	476.40	952.80	9,528	4.84	5.79	8.80
5 1/2 years to 5 years and 10 months..... (12/1/74)	24.51	49.02	73.53	98.04	196.08	490.20	980.40	9,804	4.93	13.61	13.61
<b>MATURITY VALUE (5 years and 10 months from issue date)..... (4/1/75)</b>	<b>25.61</b>	<b>51.22</b>	<b>76.83</b>	<b>102.44</b>	<b>204.88</b>	<b>512.20</b>	<b>1,024.40</b>	<b>10,244</b>	<b>5.42</b>		

<sup>1</sup> 4-month period in the case of the 5 1/2-year to 5-year and 10-month period.  
<sup>2</sup> Month, day, and year on which issues of June 1, 1969, enter each period. For subsequent issue months add the appropriate number of months.

<sup>2</sup> Based on maturity value in effect on the beginning date of the half-year period.



TABLE 85

BONDS BEARING ISSUE DATES FROM DECEMBER 1, 1969 THROUGH MAY 1, 1970

Issue price Denomination	\$18.75 25.00	\$37.50 50.00	\$56.25 75.00	\$75.00 100.00	\$150.00 200.00	\$375.00 500.00	\$750.00 1,000.00	\$7,500 10,000 <sup>1</sup>	Approximate investment yield (annual percentage rate)		
Period after issue date	(1) Redemption values during each half-year period <sup>2</sup> (values increase on first day of period shown)								(2) From issue date to beginning of each half-year period <sup>3</sup>	(3) From begin- ning of each half-year period <sup>3</sup> to beginning of next half-year period	(4) From beginning of each half-year period <sup>3</sup> to maturity <sup>4</sup>
									Percent	Percent	Percent
First 1/2 year..... <sup>2</sup> (12/1/69)	\$18.75	\$37.50	\$56.25	\$75.00	\$150.00	\$375.00	\$750.00	\$7,500	0.00	3.20	5.00
1/2 to 1 year..... (6/1/70)	19.65	38.10	57.15	76.20	152.40	381.00	762.00	7,620	3.20	4.83	5.67
Redemption values and investment yields to maturity on basis of June 1, 1970, revision											
1 to 1 1/2 years..... (12/1/70)	19.51	39.02	58.53	78.04	156.08	390.20	780.40	7,804	4.01	4.51	5.76
1 1/2 to 2 years..... (6/1/71)	19.95	39.90	59.85	79.80	159.60	399.00	798.00	7,980	4.18	4.51	5.90
2 to 2 1/2 years..... (12/1/71)	20.40	40.80	61.20	81.60	163.20	408.00	816.00	8,160	4.28	4.71	6.08
2 1/2 to 3 years..... (6/1/72)	20.88	41.76	62.64	83.52	167.04	417.60	835.20	8,352	4.35	4.80	6.20
3 to 3 1/2 years..... (12/1/72)	21.39	42.78	64.17	85.56	171.12	427.80	855.60	8,556	4.44	5.05	6.54
3 1/2 to 4 years..... (6/1/73)	21.93	43.86	65.79	87.72	175.44	438.60	877.20	8,772	4.53	5.47	6.86
4 to 4 1/2 years..... (12/1/73)	22.53	45.06	67.59	90.12	180.24	450.60	901.20	9,012	4.64	5.59	7.21
4 1/2 to 5 years..... (6/1/74)	23.16	46.32	69.48	92.64	185.28	463.20	926.40	9,264	4.75	5.70	7.57
5 to 5 1/2 years..... (12/1/74)	23.82	47.64	71.46	95.28	190.56	476.40	952.80	9,528	4.84	5.79	7.95
5 1/2 years to 5 years and 10 months..... (6/1/75)	24.51	49.02	73.53	98.04	196.08	490.20	980.40	9,804	4.93	14.36	14.36
<b>MATURITY VALUE (5 years and 10 months from issue date)..... (10/1/75)</b>	<b>25.67</b>	<b>51.34</b>	<b>77.01</b>	<b>102.68</b>	<b>205.36</b>	<b>513.40</b>	<b>1,026.80</b>	<b>10,268</b>	<b>5.46</b>		

<sup>1</sup> Available only to trustees of employees' savings and savings and vacation plans.<sup>2</sup> 4-month period in the case of the 5 1/2-year to 5-year and 19-month period.<sup>3</sup> Month, day, and year on which issues of December 1, 1969, enter each period. For subsequent issue months add the appropriate number of months.<sup>4</sup> Based on maturity value in effect on the beginning date of the half-year period.

## APPENDIX

Summary of investment yields during maturity, extended maturity and second extended maturity periods under regulations prescribed for Series E savings bonds with issue dates from May 1, 1941.

Issues	Term to maturity (years and months)	Yield* during maturity period	Yield* during extended maturity period (10 years)	Yield* during second extended maturity period (10 years)
5/41- 4/42.....	10- 0	2.90	2.90, +0.60	3.75e, +0.40, +0.10b, 5.00, +0.50
5/42-11/45.....	10- 0	2.90	3.00e, +0.50	3.75e, +0.40, +0.10b, 5.00, +0.50
12/45- 5/48.....	10- 0	2.90	3.00e, +0.50	4.15e, +0.10b, 5.00, +0.50
6/48- 5/49.....	10- 0	2.90	3.00e, +0.50	4.25b, 5.00, +0.50
6/49-11/49.....	10- 0	2.90	3.75, +0.40, +0.10b	5.00e, +0.50
12/49- 5/50.....	10- 0	2.90, +0.60	3.75, +0.40, +0.10b, 5.00	5.00e, +0.50
6/50-11/50.....	10- 0	2.90, +0.60	3.75, +0.40, +0.10b, 5.00	5.50e
12/50-12/51.....	10- 0	2.90, +0.60	3.75, +0.40, +0.10b, 5.00, +0.50e	5.50e
1/52- 4/52.....	10- 0	2.90, +0.60	3.75, +0.40, +0.10b, 5.00, +0.50e	
5/52- 3/56.....	9- 8	3.00, +0.50	3.75, +0.40, +0.10b, 5.00, +0.50e	
4/56-11/56.....	9- 8	3.00, +0.50	4.15e, +0.10b, 5.00, +0.50e	
12/56- 1/57.....	9- 8	3.00, +0.50, +0.40	4.15e, +0.10b, 5.00, +0.50e	
2/57- 5/57.....	8-11	3.25, +0.50	4.15e, +0.10b, 5.00, +0.50e	
6/57- 5/59.....	8-11	3.25, +0.50, +0.40	4.15e, +0.10b, 5.00, +0.50e	
6/59- 3/60.....	7- 9	3.75, +0.40	4.15e, +0.10b, 5.00, +0.50e	
6/60- 5/61.....	7- 9	3.75, +0.40	4.25b, 5.00, +0.50e	
6/61- 8/61.....	7- 9	3.75, +0.40, +0.10b	4.25b, 5.00, +0.50e	
9/61- 8/62.....	7- 9	3.75, +0.40, +0.10b	5.00e, +0.50e	
9/62- 5/63.....	7- 9	3.75, +0.40, +0.10b, 5.00	5.50e	
6/63- 3/64.....	7- 9	3.75, +0.40, +0.10b, 5.00, +0.50b	5.50e	
4/64-11/65.....	7- 9	3.75, +0.40, +0.10b, 5.00, +0.50b		
12/65- 5/68.....	7- 0	4.15, +0.10b, 5.00, +0.50e		
6/68- 5/69.....	7- 0	4.25b, 5.00, +0.50e		
6/69- 6/70.....	5-10	5.00, +0.50b		
6/70.....	5-10	5.50b		

\*All yields are in terms of percent per annum, compounded semiannually. The first figure in each maturity period is the overall yield for that period at time of entry into the period. The crediting of accruals is on a graduated basis unless otherwise indicated, the full rate being credited only upon holding to the end of the period (lesser credit if redeemed earlier). An "e" indicates accrual on an approximately level basis. A "b" indicates increased accrual on a bonus basis; that is, the full rate is credited only if the bond is held to the end of the period (no increase if redeemed earlier). Rate increases within periods took effect at the beginning of the first full half-year interest accrual period starting on or after the effective date as follows:

0.60 and 0.50—graduated improvements in the rate to next maturity beginning June 1, 1959.

0.40—graduated improvement in the rate to next maturity beginning December 1, 1965.

0.10b—bonus improvement in the rate to next maturity beginning June 1, 1968,

which took effect as early as March 1, 1968 in some cases, but did not apply to the first accrual period if it was less than a half-year.

5.00—maximum rate to next maturity beginning June 1, 1969.

0.50b and 0.50e—bonus and level improvements in the rate to next maturity beginning June 1, 1970.

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