

average maturity that does not exceed 120 percent of the reasonably expected economic life of the facility. After the issue date of the bonds, but before the facility is placed in service, J enters into a contract with the federal government pursuant to which the federal government will make a fair market value, lump sum payment equal to 25 percent of the cost of the facility. In exchange for this payment, J provides the federal government with priority rights to use of 25 percent of the facility. J uses the payment received from the federal government to defease the nonqualified bonds. The agreement does not cause the bonds to be private activity bonds because J has taken a remedial action described in paragraph (d) of this section. See paragraph (a)(5) of this section.

*Example 8. Compliance after remedial action.* In 1997, City G issues bonds with proceeds of \$10 million to finance a courthouse. The bonds have a weighted average maturity that does not exceed 120 percent of the reasonably expected economic life of the courthouse. G uses \$1 million of the proceeds for a private business use and more than 10 percent of the debt service on the issue is secured by private security or payments. G later sells one-half of the courthouse property to a nongovernmental person for cash. G immediately redeems 60 percent of the outstanding bonds. This percentage of outstanding bonds is based on the highest private business use of the courthouse in any 1-year period commencing with the deliberate action. For purposes of subsequently applying section 141 to the issue, G may continue to use all of the proceeds of the outstanding bonds in the same manner (that is, for both the courthouse and the existing private business use) without causing the issue to meet the private business use test. The issue, however, continues to meet the private security or payment test. The result would be the same if D, instead of redeeming the bonds, established a defeasance escrow for those bonds, provided that the requirement of paragraph (d)(4) of this section was met.

[T.D. 8712, 62 FR 2298, Jan. 16, 1997]

#### § 1.141-13 Refunding issues.

(a) *In general.* Except as provided in this section, a refunding issue and a prior issue are tested separately under section 141. Thus, the determination of whether a refunding issue consists of private activity bonds generally does not depend on whether the prior issue consists of private activity bonds.

(b) *Application of private business use test and private loan financing test—(1) Allocation of proceeds.* In applying the private business use test and the private loan financing test to a refunding

issue, the proceeds of the refunding issue are allocated to the same expenditures and purpose investments as the proceeds of the prior issue.

(2) *Determination of amount of private business use—(i) In general.* Except as provided in paragraph (b)(2)(ii) of this section, the amount of private business use of a refunding issue is determined under § 1.141-3(g), based on the measurement period for that issue (for example, without regard to any private business use that occurred prior to the issue date of the refunding issue).

(ii) *Refundings of governmental bonds.* In applying the private business use test to a refunding issue that refunds a prior issue of governmental bonds, the amount of private business use of the refunding issue is the amount of private business use—

(A) During the combined measurement period; or

(B) At the option of the issuer, during the period described in paragraph (b)(2)(i) of this section, but only if, without regard to the reasonable expectations test of § 1.141-2(d), the prior issue does not satisfy the private business use test, based on a measurement period that begins on the first day of the combined measurement period and ends on the issue date of the refunding issue.

(iii) *Combined measurement period—(A) In general.* Except as provided in paragraph (b)(2)(iii)(B) of this section, the *combined measurement period* is the period that begins on the first day of the measurement period (as defined in § 1.141-3(g)) for the prior issue (or, in the case of a series of refundings of governmental bonds, the first issue of governmental bonds in the series) and ends on the last day of the measurement period for the refunding issue.

(B) *Transition rule for refundings of bonds originally issued before May 16, 1997.* If the prior issue (or, in the case of a series of refundings of governmental bonds, the first issue of governmental bonds in the series) was issued before May 16, 1997, then the issuer, at its option, may treat the combined measurement period as beginning on the date (the transition date) that is the earlier of December 19, 2005 or the first date on which the prior issue (or an earlier issue in the case of a series

of refundings of governmental bonds) became subject to the 1997 regulations (as defined in § 1.141-15(b)). If the issuer treats the combined measurement period as beginning on the transition date in accordance with this paragraph (b)(2)(iii)(B), then paragraph (c)(2) of this section shall be applied by treating the transition date as the issue date of the earliest issue, by treating the bonds as reissued on the transition date at an issue price equal to the value of the bonds (as determined under § 1.148-4(e)) on that date, and by disregarding any private security or private payments before the transition date.

(iv) *Governmental bond.* For purposes of this section, the term *governmental bond* means any bond that, when issued, purported to be a governmental bond, as defined in § 1.150-1(b), or a qualified 501(c)(3) bond, as defined in section 145(a).

(v) *Special rule for refundings of qualified 501(c)(3) bonds with governmental bonds.* For purposes of applying this paragraph (b)(2) to a refunding issue that refunds a qualified 501(c)(3) bond, any use of the property refinanced by the refunding issue before the issue date of the refunding issue by a 501(c)(3) organization with respect to its activities that do not constitute an unrelated trade or business under section 513(a) is treated as government use.

(c) *Application of private security or payment test—(1) Separate issue treatment.* If the amount of private business use of a refunding issue is determined based on the measurement period for that issue in accordance with paragraph (b)(2)(i) or (b)(2)(ii)(B) of this section, then the amount of private security and private payments allocable to the refunding issue is determined under § 1.141-4 by treating the refunding issue as a separate issue.

(2) *Combined issue treatment.* If the amount of private business use of a refunding issue is determined based on the combined measurement period for that issue in accordance with paragraph (b)(2)(ii)(A) of this section, then the amount of private security and private payments allocable to the refunding issue is determined under § 1.141-4 by treating the refunding issue and all

earlier issues taken into account in determining the combined measurement period as a combined issue. For this purpose, the present value of the private security and private payments is compared to the present value of the debt service on the combined issue (other than debt service paid with proceeds of any refunding bond). Present values are computed as of the issue date of the earliest issue taken into account in determining the combined measurement period (the earliest issue). Except as provided in paragraph (c)(3) of this section, present values are determined by using the yield on the combined issue as the discount rate. The yield on the combined issue is determined by taking into account payments on the refunding issue and all earlier issues taken into account in determining the combined measurement period (other than payments made with proceeds of any refunding bond), and based on the issue price of the earliest issue. In the case of a refunding of only a portion of the original principal amount of a prior issue, the refunded portion of the prior issue is treated as a separate issue and any private security or private payments with respect to the prior issue are allocated ratably between the combined issue and the unrefunded portion of the prior issue in a consistent manner based on relative debt service. See paragraph (b)(2)(iii)(B) of this section for special rules relating to certain refundings of governmental bonds originally issued before May 16, 1997.

(3) *Special rule for arrangements not entered into in contemplation of the refunding issue.* In applying the private security or payment test to a refunding issue that refunds a prior issue of governmental bonds, the issuer may use the yield on the prior issue to determine the present value of private security and private payments under arrangements that were not entered into in contemplation of the refunding issue. For this purpose, any arrangement that was entered into more than 1 year before the issue date of the refunding issue is treated as not entered into in contemplation of the refunding issue.

(d) *Multipurpose issue allocations—(1) In general.* For purposes of section 141,

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unless the context clearly requires otherwise, § 1.148-9(h) applies to allocations of multipurpose issues (as defined in § 1.148-1(b)), including allocations involving the refunding purposes of the issue. An allocation under this paragraph (d) may be made at any time, but once made may not be changed. An allocation is not reasonable under this paragraph (d) if it achieves more favorable results under section 141 than could be achieved with actual separate issues. The issue to be allocated and each of the separate issues under the allocation must consist of one or more tax-exempt bonds. Allocations made under this paragraph (d) and § 1.148-9(h) must be consistent for purposes of section 141 and section 148.

(2) *Exceptions.* This paragraph (d) does not apply for purposes of sections 141(c)(1) and 141(d)(1).

(e) *Application of reasonable expectations test to certain refunding bonds.* An action that would otherwise cause a refunding issue to satisfy the private business tests or the private loan financing test is not taken into account under the reasonable expectations test of § 1.141-2(d) if—

(1) The action is not a deliberate action within the meaning of § 1.141-2(d)(3); and

(2) The weighted average maturity of the refunding bonds is not greater than the weighted average reasonably expected economic life of the property financed by the prior bonds.

(f) *Special rule for refundings of certain general obligation bonds.* Notwithstanding any other provision of this section, a refunding issue does not consist of private activity bonds if—

(1) The prior issue meets the requirements of § 1.141-2(d)(5) (relating to certain general obligation bond programs that finance a large number of separate purposes); or

(2) The refunded portion of the prior issue is part of a series of refundings of all or a portion of an issue that meets the requirements of § 1.141-2(d)(5).

(g) *Examples.* The following examples illustrate the application of this section:

*Example 1. Measuring private business use.* In 2002, Authority A issues tax-exempt bonds that mature in 2032 to acquire an office building. The measurement period for the

2002 bonds under § 1.141-3(g) is 30 years. At the time A acquires the building, it enters into a 10-year lease with a nongovernmental person under which the nongovernmental person will use 5 percent of the building in its trade or business during each year of the lease term. In 2007, A issues bonds to refund the 2002 bonds. The 2007 bonds mature on the same date as the 2002 bonds and have a measurement period of 25 years under § 1.141-3(g). Under paragraph (b)(2)(ii)(A) of this section, the amount of private business use of the proceeds of the 2007 bonds is 1.67 percent, which equals the amount of private business use during the combined measurement period (5 percent of 1/3 of the 30-year combined measurement period). In addition, the 2002 bonds do not satisfy the private business use test, based on a measurement period beginning on the first day of the measurement period for the 2002 bonds and ending on the issue date of the 2007 bonds, because only 5 percent of the proceeds of the 2002 bonds are used for a private business use during that period. Thus, under paragraph (b)(2)(ii)(B) of this section, A may treat the amount of private business use of the 2007 bonds as 1 percent (5 percent of 1/5 of the 25-year measurement period for the 2007 bonds). The 2007 bonds do not satisfy the private business use test.

*Example 2. Combined issue yield computation.*

(i) On January 1, 2000, County B issues 20-year bonds to finance the acquisition of a municipal auditorium. The 2000 bonds have a yield of 7.7500 percent, compounded annually, and an issue price and par amount of \$100 million. The debt service payments on the 2000 bonds are as follows:

Date	Debt service
1/1/01	\$9,996,470
1/1/02	9,996,470
1/1/03	9,996,470
1/1/04	9,996,470
1/1/05	9,996,470
1/1/06	9,996,470
1/1/07	9,996,470
1/1/08	9,996,470
1/1/09	9,996,470
1/1/10	9,996,470
1/1/11	9,996,470
1/1/12	9,996,470
1/1/13	9,996,470
1/1/14	9,996,470
1/1/15	9,996,470
1/1/16	9,996,470
1/1/17	9,996,470
1/1/18	9,996,470
1/1/19	9,996,470
1/1/20	9,996,470
	199,929,400

(ii) On January 1, 2005, B issues 15-year bonds to refund all of the outstanding 2000 bonds maturing after January 1, 2005 (in the aggregate principal amount of \$86,500,000). The 2005 bonds have a yield of 6.0000 percent,

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compounded annually, and an issue price and par amount of \$89,500,000. The debt service payments on the 2005 bonds are as follows:

Date	Debt service
1/1/06	\$9,215,167
1/1/07	9,215,167
1/1/08	9,215,167
1/1/09	9,215,167
1/1/10	9,215,167
1/1/11	9,215,167
1/1/12	9,215,167
1/1/13	9,215,167
1/1/14	9,215,167
1/1/15	9,215,167
1/1/16	9,215,167
1/1/17	9,215,167
1/1/18	9,215,167
1/1/19	9,215,167
1/1/20	9,215,167

Date	Debt service
	138,227,511

(iii) In accordance with § 1.141-15(h), B chooses to apply § 1.141-13 (together with the other provisions set forth in § 1.141-15(h)), to the 2005 bonds. For purposes of determining the amount of private security and private payments with respect to the 2005 bonds, the 2005 bonds and the refunded portion of the 2000 bonds are treated as a combined issue under paragraph (c)(2) of this section. The yield on the combined issue is determined in accordance with §§ 1.148-4, 1.141-4(b)(2)(iii) and 1.141-13(c)(2). Under this methodology, the yield on the combined issue is 7.1062 percent per year compounded annually, illustrated as follows:

Date	Previous debt service on refunded portion of prior issue	Refunding debt service	Total debt service	Present value on 1/1/00
1/1/00				(\$86,500,000.00)
1/1/01	6,689,793		6,689,793	6,245,945.33
1/1/02	6,689,793		6,689,793	5,831,545.62
1/1/03	6,689,793		6,689,793	5,444,640.09
1/1/04	6,689,793		6,689,793	5,083,404.58
1/1/05	6,689,793		6,689,793	4,746,135.95
1/1/06		9,215,167	9,215,167	6,104,023.84
1/1/07		9,215,167	9,215,167	5,699,040.20
1/1/08		9,215,167	9,215,167	5,320,926.00
1/1/09		9,215,167	9,215,167	4,967,898.55
1/1/10		9,215,167	9,215,167	4,638,293.40
1/1/11		9,215,167	9,215,167	4,330,556.57
1/1/12		9,215,167	9,215,167	4,043,237.15
1/1/13		9,215,167	9,215,167	3,774,980.51
1/1/14		9,215,167	9,215,167	3,524,521.90
1/1/15		9,215,167	9,215,167	3,290,680.46
1/1/16		9,215,167	9,215,167	3,072,353.70
1/1/17		9,215,167	9,215,167	2,868,512.26
1/1/18		9,215,167	9,215,167	2,678,195.09
1/1/19		9,215,167	9,215,167	2,500,504.89
1/1/20		9,215,167	9,215,167	2,334,603.90
	33,448,965	138,227,511	171,676,476.00	0.00

*Example 3. Determination of private payments allocable to combined issue.* The facts are the same as in *Example 2*. In addition, on January 1, 2001, B enters into a contract with a nongovernmental person for the use of the auditorium. The contract results in a private payment in the amount of \$500,000 on each January 1 beginning on January 1, 2001, and ending on January 1, 2020. Under paragraph (c)(2) of this section, the amount of the pri-

vate payments allocable to the combined issue is determined by treating the refunded portion of the 2000 bonds (\$86,500,000 principal amount) as a separate issue, and by allocating the total private payments ratably between the combined issue and the unrefunded portion of the 2000 bonds (\$13,500,000 principal amount) based on relative debt service, as follows:

Date	Private payments	Debt service on unrefunded portion of prior issue	Debt service on combined issue	Percentage of private payments allocable to combined issue	Amount of private payments allocable to combined issue
1/1/01	\$500,000	\$3,306,677	\$6,689,793	66.92	\$334,608
1/1/02	500,000	3,306,677	6,689,793	66.92	334,608
1/1/03	500,000	3,306,677	6,689,793	66.92	334,608

Date	Private payments	Debt service on unrefunded portion of prior issue	Debt service on combined issue	Percentage of private payments allocable to combined issue	Amount of private payments allocable to combined issue
1/1/04	500,000	3,306,677	6,689,793	66.92	334,608
1/1/05	500,000	3,306,677	6,689,793	66.92	334,608
1/1/06	500,000	.....	9,215,167	100.00	500,000
1/1/07	500,000	.....	9,215,167	100.00	500,000
1/1/08	500,000	.....	9,215,167	100.00	500,000
1/1/09	500,000	.....	9,215,167	100.00	500,000
1/1/10	500,000	.....	9,215,167	100.00	500,000
1/1/11	500,000	.....	9,215,167	100.00	500,000
1/1/12	500,000	.....	9,215,167	100.00	500,000
1/1/13	500,000	.....	9,215,167	100.00	500,000
1/1/14	500,000	.....	9,215,167	100.00	500,000
1/1/15	500,000	.....	9,215,167	100.00	500,000
1/1/16	500,000	.....	9,215,167	100.00	500,000
1/1/17	500,000	.....	9,215,167	100.00	500,000
1/1/18	500,000	.....	9,215,167	100.00	500,000
1/1/19	500,000	.....	9,215,167	100.00	500,000
1/1/20	500,000	.....	9,215,167	100.00	500,000
	\$10,000,000	\$16,533,385	\$171,676,476	.....	\$9,173,039

*Example 4. Refunding taxable bonds and qualified bonds.* (i) In 1999, City C issues taxable bonds to finance the construction of a facility for the furnishing of water. The bonds are secured by revenues from the facility. The facility is managed pursuant to a management contract with a nongovernmental person that gives rise to private business use. In 2007, C terminates the management contract and takes over the operation of the facility. In 2009, C issues bonds to refund the 1999 bonds. On the issue date of the 2009 bonds, C reasonably expects that the facility will not be used for a private business use during the term of the 2009 bonds. In addition, during the term of the 2009 bonds, the facility is not used for a private business use. Under paragraph (b)(2)(i) of this section, the 2009 bonds do not satisfy the private business use test because the amount of private business use is based on the measurement period for those bonds and therefore does not take into account any private business use that occurred pursuant to the management contract.

(ii) The facts are the same as in paragraph (i) of this *Example 4*, except that the 1999 bonds are issued as exempt facility bonds under section 142(a)(4). The 2009 bonds do not satisfy the private business use test.

*Example 5. Multipurpose issue.* In 2001, State D issues bonds to finance the construction of two office buildings, Building 1 and Building 2. D expends an equal amount of the proceeds on each building. D enters into arrangements that result in 8 percent of Building 1 and 12 percent of Building 2 being used for a private business use during the measurement period under § 1.141-3(g). These arrangements result in a total of 10 percent of the proceeds of the 2001 bonds being used for a private business

use. In 2006, D purports to allocate, under paragraph (d) of this section, an equal amount of the outstanding 2001 bonds to Building 1 and Building 2. D also enters into another private business use arrangement with respect to Building 1 that results in an additional 2 percent (and a total of 10 percent) of Building 1 being used for a private business use during the measurement period. An allocation is not reasonable under paragraph (d) of this section if it achieves more favorable results under section 141 than could be achieved with actual separate issues. D's allocation is unreasonable because, if permitted, it would result in more than 10 percent of the proceeds of the 2001 bonds being used for a private business use.

*Example 6. Non-deliberate action.* In 1998, City E issues bonds to finance the purchase of land and construction of a building (the prior bonds). On the issue date of the prior bonds, E reasonably expects that it will be the sole user of the financed property for the entire term of the bonds. In 2003, the federal government acquires the financed property in a condemnation action. In 2006, E issues bonds to refund the prior bonds (the refunding bonds). The weighted average maturity of the refunding bonds is not greater than the reasonably expected economic life of the financed property. In general, under § 1.141-2(d) and this section, reasonable expectations must be separately tested on the issue date of a refunding issue. Under paragraph (e) of this section, however, the condemnation action is not taken into account in applying the reasonable expectations test to the refunding bonds because the condemnation action is not a deliberate action within the meaning of § 1.141-2(d)(3) and the weighted average maturity of the refunding bonds is

not greater than the weighted average reasonably expected economic life of the property financed by the prior bonds. Thus, the condemnation action does not cause the refunding bonds to be private activity bonds.

*Example 7. Non-transitioned refunding of bonds subject to 1954 Code.* In 1985, County F issues bonds to finance a court house. The 1985 bonds are subject to the provisions of the Internal Revenue Code of 1954. In 2006, F issues bonds to refund all of the outstanding 1985 bonds. The weighted average maturity of the 2006 bonds is longer than the remaining weighted average maturity of the 1985 bonds. In addition, the 2006 bonds do not satisfy any transitional rule for refundings in the Tax Reform Act of 1986, 100 Stat. 2085 (1986). Section 141 and this section apply to determine whether the 2006 bonds are private activity bonds including whether, for purposes of § 1.141-13(b)(2)(ii)(B), the 1985 bonds satisfy the private business use test based on a measurement period that begins on the first day of the combined measurement period for the 2006 bonds and ends on the issue date of the 2006 bonds.

[T.D. 9234, 70 FR 75032, Dec. 19, 2006]

#### § 1.141-14 Anti-abuse rules.

(a) *Authority of Commissioner to reflect substance of transactions.* If an issuer enters into a transaction or series of transactions with respect to one or more issues with a principal purpose of transferring to nongovernmental persons (other than as members of the general public) significant benefits of tax-exempt financing in a manner that is inconsistent with the purposes of section 141, the Commissioner may take any action to reflect the substance of the transaction or series of transactions, including—

(1) Treating separate issues as a single issue for purposes of the private activity bond tests;

(2) Reallocating proceeds to expenditures, property, use, or bonds;

(3) Reallocating payments to use or proceeds;

(4) Measuring private business use on a basis that reasonably reflects the economic benefit in a manner different than as provided in § 1.141-3(g); and

(5) Measuring private payments or security on a basis that reasonably reflects the economic substance in a manner different than as provided in § 1.141-4.

(b) *Examples.* The following examples illustrate the application of this section:

*Example 1. Reallocating proceeds to indirect use.* City C issues bonds with proceeds of \$20 million for the stated purpose of financing improvements to roads that it owns. As a part of the same plan of financing, however, C also agrees to make a loan of \$7 million to Corporation M from its general revenues that it otherwise would have used for the road improvements. The interest rate of the loan corresponds to the interest rate on a portion of the issue. A principal purpose of the financing arrangement is to transfer to M significant benefits of the tax-exempt financing. Although C actually allocates all of the proceeds of the bonds to the road improvements, the Commissioner may reallocate a portion of the proceeds of the bonds to the loan to M because a principal purpose of the financing arrangement is to transfer to M significant benefits of tax-exempt financing in a manner that is inconsistent with the purposes of section 141. The bonds are private activity bonds because the issue meets the private loan financing test. The bonds also meet the private business tests. See also §§ 1.141-3(a)(2), 1.141-4(a)(1), and 1.141-5(a), under which indirect use of proceeds and payments are taken into account.

*Example 2. Taking into account use of amounts derived from proceeds that would be otherwise disregarded.* County B issues bonds with proceeds of \$10 million to finance the purchase of land. On the issue date, B reasonably expects that it will be the sole user of the land. Subsequently, the federal government acquires the land for \$3 million in a condemnation action. B uses this amount to make a loan to Corporation M. In addition, the interest rate on the loan reflects the tax-exempt interest rate on the bonds and thus is substantially less than a current market rate. A principal purpose of the arrangement is to transfer to M significant benefits of the tax-exempt financing. Although the condemnation action is not a deliberate action, the Commissioner may treat the condemnation proceeds as proceeds of the issue because a principal purpose of the arrangement is to transfer to M significant benefits of tax-exempt financing in a manner inconsistent with the purposes of section 141. The bonds are private activity bonds.

*Example 3. Measuring private business use on an alternative basis.* City F issues bonds with a 30-year term to finance the acquisition of an industrial building having a remaining reasonably expected useful economic life of more than 30 years. On the issue date, F leases the building to Corporation G for 3 years. F reasonably expects that it will be the sole user of the building for the remaining term of the bonds. Because of the local market conditions, it is reasonably expected that the fair rental value of the industrial building will be significantly greater during the early years of the term of the bonds than