

Article Title: ARCHIVE | General Criteria: Methodology: Timeliness Of Payments: Grace Periods, Guarantees, And Use Of 'D' And 'SD' Ratings Data: (EDITOR'S NOTE: —This article is no longer effective after Aug. 7, 2020. Its contents were moved mostly into "S&P; Global Ratings Definitions" (see "Issue Credit Ratings--In General" in "Appendix") and partly into "Guarantee Criteria" published Oct. 21, 2016, respectively without any change in substance. The contents moved into "S&P; Global Ratings Definitions" are primarily definitional in nature and characterized as either fundamental attributes of our rating products, clarifications of the meanings of our ratings, or specific applications of our rating definitions.) 1. This article presents S&P; Global Ratings' methodology for timeliness of payments, including our interpretation of "as payments come due," for the purpose of our issue and issuer credit ratings definitions. This revision more closely aligns the treatment of grace periods with market practice and with the practicality of timely payment for guaranteed issues. For long-term financial obligations with stated grace periods greater than five business days, we will apply the 'D' or 'SD' rating if we expect payment will not be made within the earlier of the stated grace period or 30 calendar days after the due date, in place of our previous standard of "up to five business days." 2. This paragraph has been deleted. SUMMARY OF THE CRITERIA 3. This article describes S&P; Global Ratings' criteria for timeliness of payments for issuers and issues with stated grace periods longer than five business days. 4. When a long-term obligation has a stated grace period greater than five business days, a rating of 'D' or 'SD' may not apply if we expect payment to be made within the earlier of the stated grace period or 30 calendar days. 5. For long-term obligations that have no stated grace period, or a stated grace period of up to five business days, we treat the obligation as having an imputed five-business-day grace period. 6. For short-term obligations, when there is no stated grace period, we do not impute any grace period. When there is a stated grace period, we interpret "as they come due" as payment within the earlier of the stated grace period or five business days after the due date for payment. SCOPE OF THE CRITERIA 7. These criteria apply to all issue and issuer credit ratings assigned by S&P; Global Ratings except insurer financial strength ratings (for the latter, see "S&P; Global Ratings Definitions," published Oct. 31, 2018). For securities structured to allow for payment deferral, see "Principles For Rating Debt Issues Based On Imputed Promises," published Dec. 19, 2014, and "General Criteria: Methodology: Use Of 'C' And 'D' Issue Credit Ratings For Hybrid Capital And Payment-In-Kind Instruments," published Oct. 24, 2013. 8. This paragraph has been deleted. 9. This paragraph has been deleted. METHODOLOGY 10. In order to provide consistent application of our long-term rating definitions, we interpret "as payments come due" as follows: If there is no stated grace period, or a stated grace period of one to five business days, timely payment means no later than five business days after the due date for payment; and If there is a stated grace period of more than five business days, timely payment means no later than the earlier of the stated grace period or 30 calendar days. 11. This means that for long-term issue or issuer credit ratings: We would assign a rating of 'D' or 'SD' if a payment is missed on its due date and we do not believe payment will be made in the relevant (stated or imputed) grace period. We would not apply a rating of 'D' or 'SD' if a payment is missed on its due date but we believe that payment will be made within five business days. We would not apply a rating of 'D' or 'SD' if an obligation has a stated grace period greater than five business days and a payment is missed on its due date, but we believe that payment will be made within the earlier of the stated grace period or 30 calendar days. We would apply a rating of 'D' or 'SD' if an obligation has a stated grace period greater than 30 calendar days and we expect payment to be made more than 30 calendar days after the due date but before the expiration of the stated grace period. 12. The rationale for imputing a maximum 30-day grace period is to balance typical market practice for the use of grace periods, with a desire to maintain a reasonable standard beyond which we believe investors would not consider payments as timely, regardless of the stated grace period. 13. We also apply the same timeliness of payments standard to cases where we apply a long-term rating to an obligation based on the creditworthiness of a guarantor (or other support provider). 14. This means that, in addition to all other provisions of current criteria, we would not apply the guarantor's rating to the obligation unless we believe the guarantee arrangement, viewed as a whole and including any collective actions, embodies features (i.e., systems and facilities) that adequately support the guarantor's practical ability to fulfill its obligations under the guarantee. For a guaranteed obligation with a stated grace period longer than five business days, we would consider timely payment to be the earlier of the primary obligation's stated grace period or 30

calendar days after the primary obligation's due date. When a guaranteed obligation has no stated grace period or a stated grace period of less than five business days, we would impute a five-business-day grace period. 15. For short-term ratings, 'D' and 'SD' is used when payments on a financial obligation are not made on the due date even if the applicable stated grace period has not expired, unless S&P; Global Ratings believes that such payments will be made during the stated grace period. However, any stated grace period longer than five business days will be treated as five business days. 16. The reason for different timeliness standards between short- and long-term ratings is the fundamental differences between short- and long-term expectations in credit markets. There are very different market needs and expectations regarding timely payment. Traditional short-term instruments, such as commercial paper or short-term government securities, are commonly used as investments matched to an investor's short-term liquidity needs. Making payment on the due date, or at most within a few business days of the due date (regardless of whether there is a longer stated grace period), is critical. RELATED QUESTIONS What if there is a non-credit administrative error that delays payment a few days beyond the maximum "timeliness of payments" standards? 17. A: S&P; Global Ratings will apply reasonable judgment in such cases. For example, if payment is originally made on a timely basis, but paid into the wrong account due to what S&P; Global Ratings believes is an administrative error on the part of the issuer, payment agent, or trustee, we may not lower the rating to 'D' as long as we believe the error will be corrected within a few business days. What if there is a non-credit extraordinary event that delays payment a few days beyond the maximum "timeliness of payments" standards? 18. A: S&P; Global Ratings will apply reasonable judgment in such cases. For example, if due to a natural catastrophe or other "force majeure" event, an issuer cannot access payment systems for a few days beyond the original payment date or grace period end, we may not lower the rating to 'D' as long as we believe payment can be made within a few business days. What if the issuer makes the payment to the trustee on a timely basis, but a judicial action interferes with full and timely payment being made to the investor? 19. A: S&P; Global Ratings' interpretation of meeting financial commitments "as they come due" is that investors are paid on a full and timely basis. If a judicial action interferes in the timely payment flows from the issuer to the investors, the rating will be lowered to 'D'. Examples of such actions include a successful litigation by one class of investors that results in a redirection or sharing of payments between different classes of investors. When such action results in payment not being made on a full and timely basis to one or more class of investors according to the terms of the documents, the rating will be lowered to 'D'. On the other hand, if payment doesn't reach an investor due to judicial action against that investor, such as a freezing of investor assets, such action would not affect the issuer or issue rating. What if a short-term rating has a grace period of three business days? 20. A: S&P; Global Ratings does not impute any grace period for short-term ratings. If a payment is not made on the due date, the rating will be lowered to 'D' unless there is a stated grace period and we believe the payment will be made within the stated grace period up to a maximum of five business days. Therefore, a short-term rating would not be lowered to 'D' if we believed the payment would be made within the stated grace period of three business days. What if a short-term rating has a grace period of nine business days? 21. A short-term rating would be lowered to 'D' if we believed the payment would be made within the stated grace period of nine business days but past the five business-day maximum. If payment of a financial obligation is not made on the due date, when are ratings lowered to 'D'? 22. A: S&P; Global Ratings would lower its ratings to 'D' as soon as a payment is missed and we believe the issuer will not make the payment within the applicable grace period. For the majority of actions, this would be the day after the original missed payment (T+1 day) because there is a high standard of evidence that a payment could be forthcoming during a grace period. In practice, grace period payments are the exception. In the rarer cases where a payment is missed but we believe would be paid within the applicable grace period, we would consider placing the ratings on CreditWatch negative to reflect any residual uncertainty or risk that the payment may not eventually be made within the grace period. Finally, if a stated grace period is longer than 30 days, our ratings are lowered to 'D' as soon as we believe the payment would not be made within our maximum imputed grace period of 30 calendar days. Again, for the majority of actions under this scenario this would be the day after the original due date, because payments are rarely subsequently made and we'd additionally have to believe they'd be made before the expiry of the longer stated grace period. What if S&P; Global Ratings

initially expects payment will be made within a 30-day-grace period, but subsequently no longer believes payment will be made within 30 calendar days? 23. A: Initially, following a missed payment that we expect will be made within the grace period, and within 30 calendar days, we may place the rating on CreditWatch with negative implications. Once we come to believe that payment will not be made within the earlier of the stated grace period or 30 calendar days, we would lower the issue rating to 'D' and the issuer credit rating to 'SD'. Hypothetical Scenarios The following timeline and table illustrate our approach to calling an instrument in default depending on hypothetical scenarios for grace periods and expected payment dates. How We Determine Whether A Past-Due Obligation Is Rated 'D' --TIMELINE-- MARCH 1 (MONDAY) MARCH 3 (WEDNESDAY) MARCH 8 (MONDAY) MARCH 9 (TUESDAY) MARCH 31 (WEDNESDAY) APRIL 15 (THURSDAY) Due date A, B C (i) C (ii) D (i) D (ii) Five business days after due date Six business days after due date 30 calendar days after due date 45 calendar days after due date --FOR PAYMENT DUE DATE OF MARCH 1-- --IS THERE A DEFAULT ON:-- CASE STANDARD & POOR'S EXPECTED PAYMENT DATE STATED GRACE PERIOD LONG-TERM DEBT? SHORT-TERM DEBT? EXPLANATION A March 3 None No Yes For long-term debt, we allow a five-day grace period if none is stated. For short-term debt, we consider one day late as 'default', if there is no stated grace period. B March 3 Three business days No No We expect payment within five business days, and within the stated grace period C (i) March 8 10 calendar days No No We expect payment within five business days after due date, and within the stated grace period. March 8, in this example, is five business days after the due date. C (ii) March 9 10 calendar days No Yes We expect payment within the stated grace period, and within 30 calendar days after the due date, but after five business days. Therefore, as early as March 2 (the date after the missed payment), we would lower the short-term rating to 'D', though the long-term rating would not fall to 'D'. D (i) March 31 60 calendar days No Yes For long-term debt, we allow up to a 30-calendar-day grace period, where terms provide for a longer grace period. For short-term debt, we do not allow beyond five business days. D (ii) April 15 60 calendar days Yes Yes In this case, we expect payment 45 days after the due date. Although this is within the stated grace period, we consider it a default, since payment is expected after 30 calendar days (long-term debt) and five business days (short-term debt). We would lower the short- and long-term ratings to 'D' as soon as March 2 (the date after the missed payment).

REVISIONS AND UPDATES This article was originally published on Oct. 24, 2013. These criteria became effective on Oct. 24, 2013. Changes introduced after original publication: Following our periodic review completed on Dec. 18, 2015, we updated our contact information and criteria references, moved paragraph 2 to Appendix A, deleted outdated text that appeared in paragraph 9, and moved information on the effective date from paragraph 9 to Appendix B. Following our periodic review completed on Dec. 16, 2016, we updated our contact information and criteria references. We also combined Appendix A and Appendix B into one appendix. Following our periodic review completed on Dec. 13, 2017, we updated our contact information and added the "Revisions And Updates" section, which replaced the appendix. We moved the "Related Criteria And Research" section to the end of the article. We also updated language describing a change in criteria because it was applicable in the prior year. There was no change to or clarification of criteria applied in this year's criteria republication. On Feb. 6, 2019, we republished this criteria article to make nonmaterial changes to the contact information.

RELATED CRITERIA AND RESEARCH Superseded Criteria Timeliness Of Payments: Grace Periods, Guarantees, And Use Of 'D' And 'SD' Ratings, Dec. 23, 2010 Partly Superseded Criteria General Criteria: Guarantee Default: Assessing The Impact On The Guarantor's Issuer Credit Rating, May 11, 2012 General Criteria: Rating Sovereign-Guaranteed Debt, April 6, 2009 Related Criteria Guarantee Criteria, Oct. 21, 2016 Principles For Rating Debt Issues Based On Imputed Promises, Dec. 19, 2014 Use Of 'C' And 'D' Issue Credit Ratings For Hybrid Capital And Payment-In-Kind Instruments, Oct. 24, 2013 General Criteria: Guarantee Default: Assessing The Impact On The Guarantor's Issuer Credit Rating, May 11, 2012 Principles Of Credit Ratings, Feb. 16, 2011 Rating Implications Of Exchange Offers And Similar Restructurings, Update, May 12, 2009 Related Research S&P; Global Ratings Definitions, updated from time to time These criteria represent the specific application of fundamental principles that define credit risk and ratings opinions. Their use is determined by issuer- or issue-specific attributes as well as Standard & Poor's Ratings Services' assessment of the credit and, if applicable, structural risks for a given issuer or issue rating.

Methodology and assumptions may change from time to time as a result of market and economic conditions, issuer- or issue-specific factors, or new empirical evidence that would affect our credit judgment. Regulatory Disclosures For Each Credit Rating Including Ratings List Table Disclosures include requirements relating to press releases or reports published in accordance with Article 10(1), 10(2), and 10(5), and Annex I, Section D, I, 1, 2, 2a, 4, and 5. These requirements are available by rating via the link titled "Regulatory Disclosure" and include, but are not limited to: Key Elements Underlying The Credit Rating ESG Credit Factors Solicited Or Unsolicited Status Analysts Primarily Responsible For The Credit Rating Office Responsible For The Credit Rating Materials Used In The Credit Rating Process Criteria Applied Models Applied, Loss, And Cash Flow Analysis Performed Scenario Analysis Sensitivity Analysis Risk Warning, Understanding Credit Rating Categorizations, And Criteria Rated Entity Notification Ancillary And Additional Services Attributes And Limitations Of The Credit Rating Information Specific To Structured Finance And Securitization Instruments