

Credit Opinion: Sparebanken Hedmark

Global Credit Research - 16 Jul 2012

Hamar, Norway

Ratings

| Category | Moody's Rating |
|----------------------------|-----------------|
| Outlook | Rating(s) Under |
| Odilook | Review |
| Bank Deposits | *A1/P-1 |
| Bank Financial Strength | C- |
| Baseline Credit Assessment | (baa1) |
| Adjusted Baseline Credit | (baa1) |
| Assessment | (baa i) |

^{*} Rating(s) within this class was/were placed on review on March 9, 2012

Contacts

Analyst Phone
Kristin Dahlberg/London 44.20.7772.5454
Richard (Blake) B. Foster/London
Simon Harris/London
Soline Poulain/London

Key Indicators

Sparebanken Hedmark (Consolidated Financials)[1]

| | [2] 3-12 | [2] 12-11 | [2] 12-10 | [2] 12-09 | [2] 12-08 A vg. |
|---|-----------------|------------------|------------------|------------------|-------------------------------|
| Total Assets (NOK billion) | 42.1 | 43.2 | 41.8 | 41.5 | 42.4 [3] -0.2 |
| Total Assets (EUR million) | 5,547.3 | 5,581.5 | 5,354.4 | 5,006.0 | 4,355.6 [3] 6.2 |
| Total Assets (USD million) | 7,387.4 | 7,245.5 | 7,183.1 | 7,182.4 | 6,054.5 [3] 5.1 |
| Tangible Common Equity (NOK billion) | 5.2 | 5.1 | 4.9 | 4.5 | 3.8 [3] 8.4 |
| Tangible Common Equity (EUR million) | 684.0 | 658.6 | 632.0 | 537.8 | 387.2 [3] 15.3 |
| Tangible Common Equity (USD million) | 910.9 | 854.9 | 847.8 | 771.5 | 538.3 [3] 14.1 |
| Net Interest Margin (%) | 2.4 | 2.4 | 2.3 | 2.1 | 2.4 [4] 2.3 |
| PPI / Avg RWA (%) | 1.3 | 1.9 | 2.8 | 2.2 | 1.2 [5] 1.9 |
| Net Income / Avg RWA (%) | 1.7 | 1.4 | 2.5 | 1.1 | 0.1 [5] 1.4 |
| (Market Funds - Liquid Assets) / Total Assets (%) | 20.5 | 21.8 | 23.5 | 25.9 | 27.0 [4] 23.7 |
| Core Deposits / Average Gross Loans (%) | 75.0 | 74.7 | 71.4 | 67.0 | 66.1 [4] 70.8 |
| Tier 1 Ratio (%) | 15.0 | 14.8 | 15.1 | 14.1 | 11.5 [5] 14.1 |
| Tangible Common Equity / RWA (%) | 21.5 | 19.3 | 19.7 | 18.0 | 15.3 [5] 18.8 |
| Cost / Income Ratio (%) | 72.6 | 63.6 | 50.3 | 55.6 | 69.6 [4] 62.3 |
| Problem Loans / Gross Loans (%) | 2.3 | 2.4 | 2.4 | 2.2 | 1.4 [4] 2.2 |
| Problem Loans / (Equity + Loan Loss Reserves) (%) | 13.3 | 14.4 | 14.7 | 14.9 | 10.5 [4] 13.6 |
| Source: Moody's | | | | | |

[1] All ratios are adjusted using Moody's standard adjustments [2] Basel II; IFRS [3] Compound Annual Growth Rate based on IFRS reporting periods [4] IFRS reporting periods have been used for average calculation [5] Basel II & IFRS reporting periods have been used for average calculation

Opinion

RECENT CREDIT DEVELOPMENTS

On 9 March 2012 Moody's placed on review for downgrade the A1 long-term debt ratings and the baa1 Baseline Credit Assessment (BCA) of Sparebanken Hedmark. The C- Bank Financial Strength Rating (BFSR) and P-1 short term rating were affirmed. Currently we expect that the bank's senior debt ratings may be lowered by up to one notch.

The rating action reflects Moody's view that it may become difficult for Sparebanken Hedmark to maintain its currently good asset quality going forward. In our opinion, increased house prices, elevated household indebtedness and high proportion of variable rate mortgages render Norwegian banks' retail loan books vulnerable. In addition, we note that Sparebanken Hedmark, as other Norwegian banks, is increasingly transferring their best collateralised retail mortgage loans to covered bond vehicles; this means that the remaining loan book, on which unsecured bondholders have a claim, consists of increasingly risky assets. We also continue to regard loans to the commercial real estate and shipping industries - which we view as more volatile - as more likely to deteriorate in a downturn. In addition, high borrower concentration in the corporate books could potentially heighten the pace and the extent of any deterioration in asset quality.

SUMMARY RATING RATIONALE

Sparebanken Hedmark's current C- BFSR, which maps to baa1 on the long-term scale, reflects Sparebanken Hedmark's robust local franchise, sound capital levels and stable retail banking operations but are constrained by the bank's limited geographic reach and some borrower and industry lending concentrations.

Sparebanken Hedmark's current global local currency (GLC) deposit rating of A1 (on review for downgrade) receives a three-notch uplift from its baa1 BCA (on review for downgrade). This is based on our assessment of a high probability of systemic support for the bank if necessary and its importance to the Norwegian market. Moody's is however likely to gradually reduce such unusual support uplift as regulators globally consider implementing bank resolution regimes. Furthermore, we factor in support from its membership of the SpareBank 1 Alliance, although we assess the probability of support from the Alliance as low.

Rating Drivers

- Robust local retail franchise in the Hedmark county in eastern Norway
- Sound capital position and adequate asset quality, albeit somewhat weaker than peers
- Economies in of scale benefits and support through the membership of the SpareBank 1 Alliance
- Fierce competition in Norway undermining the bank's ability to sustain current better-than-average profitability
- High credit risk concentration to single borrowers and high real estate exposures

Rating Outlook

Sparebanken Hedmark's A1 long-term debt ratings and baa1 BCA are on review for downgrade. The C- BFSR (which maps to baa1) carries a stable outlook as a lower standalone rating (baa2) would still map to C- on the BFSR scale.

What Could Change the Rating - Up

The bank's BCA and long-term debt ratings are on review for downgrade. At present and over the immediate rating horizon, we therefore do not see any meaningful upwards rating pressure on the bank's ratings.

What Could Change the Rating - Down

The BFSR could be downgraded if there is: (i) any deterioration in asset quality or capitalisation that exceeds Moody's expectations; (ii) any change in the risk profile of the bank; or (iii) any sign that the bank is unable to sustain its market positions. The GLC deposit rating could be downgraded if: (i) the BFSR deteriorates; or (ii) Moody's current assessment of the probability of systemic support for the bank declines.

Recent Results

Sparebanken Hedmark reported pre-tax income of NOK130 million in Q1 2012, a slight decrease from NOK139 million. The increase was chiefly supported by some increase in core banking earnings in the form of net interest income and fee & commission income as well as continued write-backs of loan loss provisions.

Sparebanken Hedmark's Tier 1 ratio stood at 15% at end-March 2012.

DETAILED RATING CONSIDERATIONS

Detailed considerations for Sparebanken Hedmark's currently assigned ratings are:

Bank Financial Strength Rating

The assigned BFSR is one notch lower than the C outcome of Moody's bank financial strength scorecard. Based on Moody's loss expectations for Sparebanken Hedmark's loan portfolio as well as high credit risk concentration, we believe that the bank's financial strength is more consistent with a C- BFSR.

Well Established Regional Franchise

With regional loan and deposit market shares of approximately 45-50% for retail operations and around 40% in the corporate business Norwegian savings bank Sparebanken Hedmark is enjoying a sound local market position. The bank is operating from the country of Hedmark in eastern Norway where competition is slightly less fierce than in the rest of Norway. The national market share is however notably smaller at roughly 1%.

Counteracting some of the competitive powers from other savings banks and the National champion bank DNB is the membership in the SpareBank 1 Alliance, consisting of 17 savings banks across Norway. The banks in the Sparebank 1 Alliance together owning the holding company SpareBank 1 Gruppen are collaborating regarding; products, distribution and risk management among other areas.

In January 2012, one of the SpareBank 1 banks (SpareBank 1 SR-Bank, rated A1/C-/P-1) was converted to a limited liability company (ASA) from an equity certificate company. While we do not expect this to result in any material change in the Alliance's strategy but continue to monitor the development of the group.

The main constraint for the assessment of Sparebanken Hedmark's franchise value is the limited geographical diversification outside of its home county.

Funding Reliant On Domestic Covered Bond Market

Sparebanken Hedmark's deposit base, where 60% are retail deposits, accounts for almost two thirds of total funding and provides a good funding basis. Nevertheless the reliance on wholesale funding is still notable with a loan-to-deposit ratio of 70%, although less than many Norwegian peers.

Sparebanken Hedmark benefits from access to covered bond markets, together with the other members of SpareBank 1 Alliance, through SpareBank 1 Boligkreditt covered bonds backed by residential mortgages) and SpareBank 1 Næringskreditt (covered bonds backed by commercial mortgages). Furthermore by year-end 2011 Sparebanken Hedmark had transferred retail mortgages worth NOK9.9 billion to SpareBank 1 Boligkreditt.

In 2011 Sparebanken Hedmark issued NOK2.15 billion senior unsecured funding with maturities ranging between 1-7 years.

At year end 2011 liquid assets accounted for around 15% of total assets and comprised cash and deposits with the central bank and the securities portfolio (which includes senior bonds, covered bonds and limited equity investments). We note that holdings are concentrated on Norwegian securities, which could be a source of vulnerability from a concentration risk point of view.

Sparebanken Hedmark's liquidity is generally more geared toward market funding than that of its European peers, but somewhat less than many of its Nordic peers. In addition, in common with other SpareBank 1 banks, we positively note the bank's good liquidity management and its access to the covered bond market.

Passable Asset Quality And Strong Capitalisation

Asset quality metrics are stable with problem loans at 2.4% of total loans, a comparatively high level compared to its Norwegian peers. Loan loss reserve coverage was 40% of problem loans at year-end 2011, in line with 2010.

Sparebanken Hedmark's loan portfolio benefits from a substantial proportion of retail loans, mostly in the form of mortgages (around 60% excluding loans transferred to SpareBank 1 Boligkreditt and almost 70% including them). While the performance in the bank's retail book has been particularly strong so far, we believe it could be undermined by less favourable interest rate and house price levels - especially as the mortgage loans remaining on the bank's balance sheet have higher loan-to-values than those transferred to the Alliance's covered bond vehicles. We also caution household indebtedness has increased in recent years, making customers more vulnerable to interest rates rises, although we take comfort in the still low unemployment levels in Norway.

However, the property management and construction exposure, which we deem vulnerable to a macro economic downturn and increasing interest rates, is sizable at approximately 14%. The rest of the portfolio is mainly to SMEs and diversified across industries. The bank also exhibits high borrower concentration, albeit somewhat lower than most of its Nordic rated peers.

Sparebanken Hedmark exhibits one of the strongest capitalisation amongst its Norwegian rated peers. At year-end 2011, the Tier 1 ratio (standardised approach) stood at 14.7%.

We caution that the sustained increase in house prices in Norway may have underrated the level of impairment by inflating collateral value which could have a negative impact on the asset quality of Norwegian banks. Overall Sparebanken Hedmark currently benefit from satisfactory asset quality and has a good capital base to protect from potential larger losses in an adverse scenario.

Competitive Pressures On Profitability

Sparebanken Hedmark is reliant on net interest income, which represents around 70% of its operating income. To some extent, the somewhat less intense competition in Hedmark has continued to keeping net interest margins higher than the national average.

Fee and commission income has been growing in recent years partly reflecting the fact that net interest income on some mortgages have been reported as commissions after being transferred to SpareBank 1 Boligkreditt.

Cost efficiency is relatively good, given the retail-focused business mix, at just around 60% - although we note it increased from 2010 when the ratio was underrated due to one-off items. Loan losses have remained low in recent years but this good level could be difficult to sustain in a less favourable operating environment.

Overall, Sparebanken Hedmark's profitability (measured against average risk-weighted assets) is somewhat stronger than that of many of its Norwegian peers but we caution that the bank's net profitability is vulnerable to deterioration in asset quality.

Global Local Currency Deposit Rating (Joint Default Analysis)

Moody's assigns a GLC deposit rating of A1 to Sparebanken Hedmark. The rating is supported by its baa1 BCA and the Aaa local currency deposit ceiling of Norway, which is considered the underlying support provider. Given the bank's importance to its region, and the region's importance to the national economy of Norway, Moody's assesses as high the probability of systemic support in the event of a stress situation. We are however likely to gradually reduce such unusual support uplift as such support mechanisms are phased out, as banks' stand-alone profiles improve, and as regulators globally consider implementing bank resolution regimes.

Foreign Currency Deposit Rating

Foreign currency deposit ratings are unconstrained given that Norway has a country ceiling of Aaa. Sparebanken Hedmark's foreign currency deposit rating is A1 (on review for downgrade).

ABOUT MOODY'S BANK RATINGS

Bank Financial Strength Rating

Moody's Bank Financial Strength Ratings (BFSRs) represent Moody's opinion of a bank's intrinsic safety and soundness and, as such, exclude certain external credit risks and credit support elements that are addressed by Moody's Bank Deposit Ratings. BFSRs do not take into account the probability that the bank will receive such external support, nor do they address risks arising from sovereign actions that may interfere with a bank's ability to honour its domestic or foreign currency obligations. Factors considered in the assignment of BFSRs include bank-specific elements such as financial fundamentals, franchise value, and business and asset diversification.

Although BFSRs exclude the external factors specified above, they do take into account other risk factors in the bank's operating environment, including the strength and prospective performance of the economy, as well as the structure and relative fragility of the financial system, and the quality of banking regulation and supervision.

Global Local Currency Deposit Rating

A deposit rating, as an opinion of relative credit risk, incorporates the BFSR as well as Moody's opinion of any external support. Specifically, Moody's Bank Deposit Ratings are opinions of a bank's ability to repay punctually its deposit obligations. As such, they are intended to incorporate those aspects of credit risk relevant to the prospective payment performance of rated banks with respect to deposit obligations, which includes: intrinsic financial strength, sovereign transfer risk (in the case of foreign currency deposit ratings), and both implicit and explicit external support elements. Moody's Bank Deposit Ratings do not take into account the benefit of deposit insurance schemes which make payments to depositors, but they do recognize the potential support from schemes that may provide assistance to banks directly.

According to Moody's joint default analysis (JDA) methodology, the global local currency deposit rating of a bank is determined by the incorporation of external elements of support into the bank's Baseline Credit Assessment. In calculating the Global Local Currency Deposit rating for a bank, the JDA methodology also factors in the rating of the support provider, in the form of the local currency deposit ceiling for a country, Moody's assessment of the probability of systemic support for the bank in the event of a stress situation and the degree of dependence between the issuer rating and the Local Currency Deposit Ceiling.

National Scale Ratings

National scale ratings are intended primarily for use by domestic investors and are not comparable to Moody's globally applicable ratings; rather they address relative credit risk within a given country. An Aaa rating on Moody's National Scale indicates an issuer or issue with the strongest creditworthiness and the lowest likelihood of credit loss relative to other domestic issuers. National Scale Ratings, therefore, rank domestic issuers relative to each other and not relative to absolute default risks. National ratings isolate systemic risks; they do not address loss expectation associated with systemic events that could affect all issuers, even those that receive the highest ratings on the National Scale.

Foreign Currency Deposit Rating

Moody's ratings on foreign currency bank obligations derive from the bank's local currency rating for the same class of obligation. The implementation of JDA for banks can lead to high local currency ratings for certain banks, which could also produce high foreign currency ratings. Nevertheless, it should be noted that foreign currency deposit ratings are in all cases constrained by the country ceiling for foreign currency bank deposits. This may result in the assignment of a different, and typically lower, rating for the foreign currency deposits relative to the bank's rating for local currency obligations.

Foregin Currency Debt Rating

Foreign currency debt ratings are derived from the bank's local currency debt rating. In a similar way to foreign currency deposit ratings, foreign currency debt ratings may also be constrained by the country ceiling for foreign currency bonds and notes; however, in some cases the ratings on foreign currency debt obligations may be allowed to pierce the foreign currency ceiling. A particular mix of rating factors are taken into consideration in order to assess whether a foreign currency bond rating pierces the country ceiling. They include the issuer's global local currency rating, the foreign currency government bond rating, the country ceiling for bonds and the debt's eligibility to pierce that ceiling.

About Moody's Bank Financial Strength Scorecard

Moody's bank financial strength model (see scorecard below) is a strategic input in the assessment of the financial strength of a bank, used as a key tool by Moody's analysts to ensure consistency of approach across banks and regions. The model output and the individual scores are discussed in rating committees and may be adjusted up or down to reflect conditions specific to each rated entity.

Rating Factors

Sparebanken Hedmark

| Rating Factors [1] | Α | В | С | D | E | Total Score | Trend |
|---|--|---------|--------|--------|---|----------------|---------------|
| Qualitative Factors (50%) | | | | | | С | |
| Factor: Franchise Value | | | | | | D+ | Neutral |
| Market Share and Sustainability | | | x | | | | |
| Geographical Diversification | | | | | X | | |
| Earnings Stability | | | x | | | | |
| Earnings Diversification [2] | | | | | | | |
| Factor: Risk Positioning | | | | | | C- | Neutral |
| Corporate Governance [2] | | | | | | | |
| - Ownership and Org. Complexity | | | | | | | |
| - Key Man Risk | | | | | | | |
| - Insider and Related-Party Risks | | | | | | | |
| Controls and Risk Management | | x | | | | | |
| - Risk Management | | | х | | | | |
| - Controls | х | | | | | | |
| Financial Reporting Transparency | | x | | | | | |
| - Global Comparability | х | | | | | | |
| - Frequency and Timeliness | х | | | | | | |
| - Quality of Financial Information | | | x | | | | |
| Credit Risk Concentration | | | | | | | |
| - Borrower Concentration | | | | | | | |
| - Industry Concentration | | | | | | | |
| Liquidity Management | | | | x | | | |
| Market Risk Appetite | | x | | | | | |
| Factor: Operating Environment | | | | | | A- | Neutral |
| Economic Stability | | х | | | | | 110 0.01 0.11 |
| Integrity and Corruption | x | | | | | | |
| Legal System | x | | | | | | |
| Financial Factors (50%) | | | | | | С | |
| Factor: Profitability | | | | | | C | Weakening |
| PPI / Average RWA - Basel II | | | 2.30% | | | | ricanormig |
| Net Income / Average RWA - Basel II | | | 1.68% | | | | |
| Factor: Liquidity | | | 1.0070 | | | D | Neutral |
| (Market funds - Liqud Assets) / Total Assets | | | | 13.42% | | | Hodia |
| Liquidity Management | | | | X | | | |
| Factor: Capital Adequacy | | | | ^ | | Α | Neutral |
| Tier 1 Ratio - Basel II | 14.67% | | | | | ^ | Neutrai |
| Tangible Common Equity / RWA - Basel II | 18.99% | | | | | | |
| Factor: Efficiency | 10.33 % | | | | | С | Neutral |
| Cost Income ratio | | | 56.46% | | | | iveutiai |
| | | | 30.40% | | | C+ | Mookonina |
| Factor: Asset Quality Problem Loans / Gross Loans | | | 2 270/ | | | C+ | Weakening |
| | | 14 660/ | 2.37% | | | | |
| Problem Loans / (Shareholders' Equity + Loan Loss Reserves) | | 14.66% | | | | | |
| Lowest Combined Financial Factor Score | | | | | | D | |
| (15%) | | | | | | " | |
| Economic Insolvency Override | | | | | | Neutral | |
| - | | | | | | C | |
| Aggregate Score | | | | | | U | |

| Assigned BFSR | | C- | |
|---------------|--|----|--|
|---------------|--|----|--|

- [1] Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information.
- [2] A blank score under Earnings Diversification or Corporate Governance indicates the risk is neutral.



© 2012 Moody's Investors Service, Inc. and/or its licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. ("MIS") AND ITS AFFILIATES ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS. OR DEBT OR DEBT-LIKE SECURITIES. AND CREDIT RATINGS AND RESEARCH PUBLICATIONS PUBLISHED BY MOODY'S ("MOODY'S PUBLICATIONS") MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES. CREDIT COMMITMENTS. OR DEBT OR DEBT-LIKE SECURITIES. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL, FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY, CREDIT RATINGS AND MOODY'S OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. CREDIT RATINGS AND MOODY'S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY'S PUBLICATIONS COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS AND PUBLISHES MOODY'S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW. INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE. IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT. All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources Moody's considers to be reliable, including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process. Under no circumstances shall MOODY'S have any liability to any person or entity for (a) any loss or damage in whole or in part caused by, resulting from, or relating to, any error (negligent or otherwise) or other circumstance or contingency within or outside the control of MOODY'S or any of its directors, officers, employees or agents in connection with the procurement, collection, compilation, analysis, interpretation, communication, publication or delivery of any such information, or (b) any direct, indirect, special, consequential, compensatory or incidental damages whatsoever (including without limitation, lost profits), even if MOODY'S is advised in advance of the possibility of such damages, resulting from the use of or inability to use, any such information. The ratings, financial reporting analysis, projections, and other observations, if any, constituting part of the information contained herein are, and must be construed solely as, statements of opinion and not statements of fact or recommendations to purchase, sell or hold any securities. Each user of the information contained herein must make its own study and evaluation of each security it may consider purchasing, holding or selling. NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY SUCH RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

MIS, a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MIS have, prior to assignment of any rating, agreed to pay to MIS for appraisal and rating services rendered by it fees ranging from \$1,500 to approximately \$2,500,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Shareholder Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Any publication into Australia of this document is by MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657, which holds Australian Financial Services License no. 336969. This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001.

Notwithstanding the foregoing, credit ratings assigned on and after October 1, 2010 by Moody's Japan K.K. ("MJKK") are MJKK's current opinions of the relative future credit risk of entities, credit commitments, or debt or debt-like securities. In such a case, "MIS" in the foregoing statements shall be deemed to be replaced with "MJKK". MJKK is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO.

This credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors. It would be dangerous for retail investors to make any investment decision based on this credit rating. If in doubt you should contact your financial or other professional adviser.