

**Basel II: Pillar 3 Disclosures**

as at 31 March 2011

(Currency: Indian rupees in thousands)

**1. Scope of application**

*Qualitative Disclosures*

DBS Bank Ltd., India ('the Bank') operates in India as a branch of DBS Bank Ltd., Singapore a banking entity incorporated in Singapore with limited liability. As at 31<sup>st</sup> March 2011, the Bank has a presence of 12 branches across 12 cities. The Bank does not have any subsidiaries in India and the disclosures contained herein only pertains to the Bank.

*Quantitative Disclosures*

Capital Deficiencies: The Bank does not have any subsidiaries in India and is accordingly not required to prepare Consolidated Financial Statements. Also, it does not have any interest in Insurance Entities.

**2. Capital Structure**

*Qualitative Disclosures*

Composition of **Tier 1** Capital

- Interest free Capital funds injected by Head office
- Statutory Reserves calculated at 25% net profits of each year
- Capital retained in India for CRAR purposes and
- Capital Reserves

Composition of **Tier 2** Capital

- Subordinated Debt
- Provisions on Standard Assets/Derivatives,
- Provision for Country Risk and
- Excess Provision on sale of NPA



**Basel II: Pillar 3 Disclosures (Continued)**
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**2. Capital Structure (Continued)**
**Capital Funds**

Particulars	31 Mar 11
<b>A. Tier I Capital</b>	<b>16,429,857</b>
Of which	
- Capital (Funds from Head Office)	9,518,321
- Reserves and Surplus	7,292,803
- Amounts deducted from Tier I capital ;	
- Deferred Tax Asset	321,239
- Adjustment for less liquid positions	60,028
<b>B. Tier 2 Capital (net of deductions)</b>	<b>8,578,083</b>
Of which	
B.1 Subordinated debt eligible for inclusion in Tier 2 capital	
- Total amount outstanding	34,574,106
- Of which amount raised during the period	17,838,000
- Amount eligible as capital funds	8,214,929
B.2 Other Tier 2 Capital	
- Provision for Standard Assets/Derivatives	353,586
- Provision for Country Risk	8,568
-Excess Provision on sale of NPA	1,000
<b>C. Total Eligible Capital</b>	<b>25,007,940</b>

Particulars	Mar-11
Tier 1 Capital	16,429,857
Total Capital	25,007,940
Total Capital Required	15,028,484
Tier 1 Capital ratio	9.84%
Total Capital Adequacy ratio	14.98%

**3. Capital Adequacy**
**Qualitative disclosures**

The CRAR of the Bank is 14.98 % as computed under Basel II norms. Under the earlier Basel I norms, the CRAR would have been 12.11%. The ratio under both frameworks is higher than the minimum regulatory CRAR requirement of 9%.

The Bank's capital management framework is guided by the existing capital position, proposed growth and strategic direction. Growth opportunities have resulted in an increasing and continuing need to focus on the effective management of risk, and commensurate capital to bear that risk. The Bank carefully assesses its growth opportunities relative to the capital available to support them, particularly in the light of the economic environment and capital requirements under Basel II. The Bank maintains a strong discipline over capital allocation and ensuring that returns on investment cover capital costs.



**Basel II: Pillar 3 Disclosures (Continued)**
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**3. Capital Adequacy (Continued)**
*Quantitative disclosures*

Particulars		31 Mar 11
A	Capital requirements for Credit Risk ( <i>Standardised Approach</i> )	10,050,075
B	Capital requirements for Market Risk ( <i>Standardised Duration Approach</i> )	
	- Interest rate risk	3,652,940
	- Foreign exchange risk	270,000
	- Equity risk	-
	- Unearned credit spreads	284,856
C	Capital requirements for Operational risk ( <i>Basic Indicator Approach</i> )	770,612
D	Adjustment for Prudential Floor	-
E	Capital Adequacy Ratio of the Bank (%)	14.98%
F	Tier 1 CRAR (%)	9.84%

**4. General Disclosures**

As part of overall corporate governance, the Group Board has approved a comprehensive Integrated Risk Framework covering risk governance for all risk types and for all entities within the Group, including India. This framework defines authority levels, oversight responsibilities, policy structures and risk appetite limits to manage the risks that arise in connection with the use of financial instruments. On a day-to-day basis, business units have primary responsibility for managing specific risk exposures while Group Risk exercises independent risk oversight on the Group as a whole. Group Risk Management is the central resource for quantifying and managing the portfolio of risks taken by the Group as a whole.

**A) General Disclosures for Credit Risk**
*Qualitative Disclosures*
**Credit Risk Management Policy**

The credit policies and basic procedures of the Bank relating to its lending activities are contained in the Local Credit / Loan Policy of the Bank, Core Credit Policy at Singapore and the Credit Manual. These are based on the general credit principles, directives / guidelines issued by the RBI from time to time as well as instructions and guidelines of DBS Bank Ltd, Singapore (hereinafter referred to as 'the Head Office'). In the unlikely event of any conflict amongst the RBI guidelines and Head Office Guidelines, the more conservative policy / guideline is followed.



**Basel II: Pillar 3 Disclosures (Continued)***as at 31 March 2011*

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**4. General Disclosures (Continued)****A) General Disclosures for Credit Risk (Continued)****Credit Risk Management Policy (Continued)**

The Core Credit Policy and the Credit / Loan policy outlines the Bank's approach to Credit Risk Management and sets out the rules and guidelines under which the Bank would develop and grows its lending business. These policies provide guidance to the Bank's Corporate Banking, Enterprise / Mid-Market Banking and Financial Institutions Group to manage the growth of their portfolio of customer assets in line with the Bank's credit culture and profitability objectives, taking into account the capital needed to support the growth.

Supplementary policies to the main Core Credit Policy and the Credit / Loan policy have also been laid out, for certain types of lending and credit-related operations. These include subject –specific policies relating to risk ratings, Default policy, Specialized Lending etc., as well as guidelines for real-estate lending, NBFC lending, hedging of FX exposures, credit risk mitigation, sectoral and individual / group borrower limits, bridge loans, bill discounting, etc.

Responsibility for monitoring post-approval conditions and risk reporting resides with the Credit Control Unit (CCU), which reports in to Head of CCU in Singapore, with local oversight of the Head of Credit in India. The Risk Based Supervision (RBS) submission to RBI contains further details on the same.

Advances are classified into performing and non-performing advances (NPAs) as per RBI guidelines as well as MAS Guidelines. NPA's are further classified into sub-standard, doubtful and loss assets based on the criteria stipulated by RBI as well as MAS, using the more conservative approach wherever there is a difference.

**Quantitative Disclosures****Credit Exposure**

Particulars	31 Mar 11
Fund Based (Advances)	76,123,047
Non Fund Based *	131,743,576

\* The amount includes trade exposures and FX/derivative exposures.

The Bank does not have overseas operations and hence exposures are restricted to the domestic segment.



**Basel II: Pillar 3 Disclosures (Continued)**
*as at 31 March 2011*

(Currency: Indian rupees in thousands)

**4. General Disclosures (Continued)**
**Industry wise Exposures (Fund Based Advances)**

Industry	31 Mar 11
Petrochemicals	17,966,170
NBFC's	9,186,228
Drugs and Pharmaceuticals	5,628,214
Real Estate	5,357,597
Construction	4,727,951
Metal & Metal Products	3,940,435
Engineering	1,746,671
Telecommunications	1,624,987
Textiles	1,328,462
Computer Software	1,310,340
Power	1,194,983
Electronics	1,075,995
Automobiles including trucks	963,166
Commodities	922,391
Iron & Steel	872,249
Petroleum	670,252
Chemicals, Dyes, Paints, etc	527,851
Paper & Paper Products	490,885
Mining	392,142
Electricity	266,315
Infrastructure	150,048
Cement	77,854
Food Processing	31,065
Residual advances	1,227
Other industries	15,669,569
<b>Total Credit Exposure</b>	<b>76,123,047</b>

**Industry wise Exposures (Non - Fund Based)\* –**

Industry	31 Mar 11
Bank	76,557,682
Metal & Metal Products	5,443,500
NBFC's	3,996,067
Construction	3,750,884
Telecommunications	2,654,363
Textiles	2,145,301
Shipping	2,015,885
Drugs and Pharmaceuticals	1,876,366
Chemicals, Dyes, Paints, etc	1,669,980
Automobiles including trucks	1,449,885
Petrochemicals	1,331,421
Engineering	1,212,652
Iron & Steel	1,196,150
Paper & Paper Products	640,496
Cement	630,110
Electricity	604,117
Real Estate	454,537

**Basel II: Pillar 3 Disclosures (Continued)**  
as at 31 March 2011

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**4. General Disclosures (Continued)**

**Industry wise Exposures (Non - Fund Based)\* – (Continued)**

Industry	31 Mar 11
Food Processing	435,089
Computer Software	394,713
Petroleum	369,147
Mining	348,449
Information & Technology/Commun.	150,505
Power	134,529
Trading	64,813
Sugar	47,960
Infrastructure	45,077
Electronics	14,315
Other industries	22,109,583
<b>Total Credit Exposure</b>	<b>131,743,576</b>

\* The amount includes trade exposures and Foreign exchange and derivative exposures.



**Basel II: Pillar 3 Disclosures (Continued)**  
*as at 31 March 2011*

(Currency: Indian rupees in thousands)

**4. General Disclosures (Continued)**
**Maturity of Assets as at 31 March 2011**

Particulars	Cash	Balance with RBI	Balance with Banks	Investments	Loans & Advances	Fixed Assets	Other Assets
1 day	28,527	27,838	4,210,424	13,308,162	3,672,963	-	94,270
2-7 days	-	762,341	-	11,975,282	5,883,222	-	85,419
8-14 Days	-	520,475	-	3,896,143	8,977,317	-	27,596
15-28 Days	-	646,270	5,000,000	12,971,427	7,883,652	-	91,874
29 Days-3 Months	-	406,263	2,900,000	5,367,478	12,845,034	-	140,188
3-6 Months	-	172,991	-	1,513,408	14,128,409	-	396,964
6 Months - 1 Year	-	65,316	-	48,043,719	7,875,983	-	521,718
1-3 Years	-	284,673	-	2,401,728	6,873,254	-	17,011
3-5 Years	-	42,273	-	268,664	4,260,553	-	1,903
Over 5 Years	-	1,747,102	-	3,384,894	3,121,643	378,520	40,238,254
<b>Total</b>	<b>28,527</b>	<b>4,675,542</b>	<b>12,110,424</b>	<b>103,130,905</b>	<b>75,522,030</b>	<b>378,520</b>	<b>41,615,197</b>



**Basel II: Pillar 3 Disclosures (Continued)**
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**4. General Disclosures (Continued)**
**Classification of NPA's**

Particulars	31 Mar 11
Amount of NPAs (Gross)	834,480
Substandard	570,366
Doubtful 1	149,114
Doubtful 2	115,000
Doubtful 3	-
Loss	-

**Movement of NPAs and Provision for NPAs**

Particulars	31 Mar 11
<b>A</b> Amount of NPAs (Gross)	<b>834,480</b>
<b>B</b> Net NPAs	<b>233,463</b>
<b>C</b> NPA Ratios	
- Gross NPAs to gross advances (%)	1.10%
- Net NPAs to net advances (%)	0.31%
<b>D</b> Movement of NPAs (Gross)	
- Opening balance as of the beginning of the financial year	760,399
- Additions	582,778
- Reductions on account of recoveries/ write - offs	508,697
- Closing balance	834,480
<b>E</b> Movement of Provision for NPAs	
- Opening balance as of the beginning of the financial year	360,447
- Provision made during the year	638,412
- Write - offs / Write - back of excess provision	397,842
- Closing balance	601,017

Amount of Non-Performing Investments and amount of provisions held for non-performing investments: Nil

**Movement in Provisions Held towards Depreciation on Investments**

Particulars	As at 31 Mar 2011	As at 31 Mar 2010
Opening Balance	471,576	8,306
Add: Provisions Made During the Year	75,915	463,270
Less: Write off / Write back of Excess provisions during the Year	-	-
<b>Closing Balance</b>	<b>547,491</b>	<b>471,576</b>





**Basel II: Pillar 3 Disclosures (Continued)**

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(Currency: Indian rupees in thousands)

**5. Disclosures for Credit Risk: Portfolios subject to Standardised approach***Qualitative Disclosures*

Currently based on our clientele, ratings of the following agencies have been used i.e. CARE, CRISIL, Fitch and ICRA for all exposures. The Bank assigns Long term credit ratings accorded by the chosen credit rating agencies for assets which have a contractual maturity of more than one year. However, in accordance with the guidelines of RBI the Bank classifies all cash credit exposures as long term exposures and accordingly the long term ratings accorded by the chosen credit rating agencies are assigned. Currently the Bank uses issuer ratings. In accordance with RBI guidelines, for risk-weighting purposes, short-term ratings are deemed to be issue-specific.

*Quantitative Disclosures*

Categorization of Advances (outstanding) classified on the basis of Risk Weightage is provided below:

Particulars	31 Mar 11
< 100 % Risk Weight	52,401,832
100 % Risk Weight	20,773,784
> 100 % Risk Weight	2,346,414
<b>Total</b>	<b>75,522,030</b>

**6. Disclosures for Credit Risk Mitigation on Standardised approach***Qualitative Disclosures*

This is detailed in our policy on Credit Risk Mitigation techniques and Collateral Management.

*Quantitative Disclosures*

As of 31<sup>st</sup> March 2011, the Bank has not availed of Credit Mitigation techniques.

**7. Disclosure on Securitisation for Standardised approach**

The Bank has not securitized any assets in the year under review.

**8. Disclosure on Market Risk in Trading book***Qualitative disclosures*

Market Risk arises from changes in value from changes in interest rates yields, foreign exchange rates, equity prices, commodity prices, credit spreads and the impact of changes in the correlations and volatilities of these risk factors. The Banks market risk appetite is determined by the Group Board of Directors, with detailed limit frameworks recommended by the appropriate risk committees. The Group Market Risk Committee, which reports into the Group Risk Executive Committee, oversees the market risk management infrastructure, sets market risk control limits and provides enterprise-wide oversight of all market risks and their management.

**Basel II: Pillar 3 Disclosures (Continued)**
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**8. Disclosure on Market Risk in Trading book (Continued)**
***Qualitative disclosures (Continued)***

The Group's market risk framework identifies the types of the market risk to be covered, the risk metrics and methodologies to be used to capture such risk and the standards governing the management of market risk within the Group including the limit setting and independent model validation, monitoring and valuation.

The principal market risk appetite measures are Value at Risk (VaR) and stress loss. The VaR is supplemented by risk control measures, such as sensitivities to risk factors, including their volatilities, as well as loss triggers for management action.

VaR estimates the potential loss on the current portfolio assuming a specified time horizon and level of confidence. The trading book VaR methodology uses a historical simulation approach to forecast the Group's market risk. The methodology is also used to compute average tail loss metrics. VaR risk factor scenarios are aligned to parameters and market data used for valuation.

On a daily basis, the Bank computes VaR for each trading business unit and location, and at the Group level. The VaR forecasts are back-tested against the profit and loss of the trading book to monitor its predictive power.

To complement the VaR framework, regular stress testing is carried out to monitor the Banks vulnerability to shocks.

***Quantitative Disclosures***
**Capital Requirement for Market Risk**

Particulars	31 Mar 11
Interest rate risk	3,652,940
Foreign exchange risk (including gold)	270,000
Equity position risk	-

**9. Operational Risk**
***Qualitative Disclosures***
**Overview**

The Bank's Operational Risk Management (ORM) framework:

- "Defines" operational risk and the scope of its application;
- "Establishes" the dimensions of operational risk;
- "Provides" a framework for managing operational risk

Operational Risk is defined as "the risk of loss resulting from inadequate or failed internal processes, people, or systems, or from external events, including legal risk, but does not include strategic or reputation risk".

There are three dimensions of operational risk:

- Risk Cause
- Risk Event
- Risk Effect



**Basel II: Pillar 3 Disclosures (*Continued*)**

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**9. Operational Risk (*Continued*)**

**Policy Framework**

The Core Operational Risk Standards ('CORS') are a set of minimum operating control standards that apply to all Business Units / Support Units (BU's / SU's) to manage Operational Risk. Business specific policies and procedures are in line with these minimum control standards. The effective implementation of these standards in conjunction with corporate and business-specific policies provides the Bank with reasonable assurance that it is proactively managing its Operational Risk.

The policy covers guidelines for:

- Management oversight
- People management
- Transaction initiation, execution and maintenance
- Financial accounting control
- Legal, regulatory and market practice compliance
- Software, Systems Development and Infrastructure Management
- Information Security
- Physical Security
- Business Continuity Management

**Risk Mitigation Programs**

***Internal Controls***

The day-to-day management of Operational Risk is through maintenance of a comprehensive system of internal controls. An effective internal control system is a combination of a strong control environment and appropriate internal control procedures. These internal controls comprise – preventive, detective, escalation and corrective controls.

***Insurance Program (IP)***

The key objectives of the IP are to:

- Reduce financial loss of risk events via transfer of loss to external funding sources (insurers)
- Prepare the Bank to qualify for any potential reduction in Operational Risk Capital under Basel II

The IP provides cover for low-frequency high-impact loss incidents, while the low impact operational losses are managed through existing strong internal controls.

***Business Continuity Management (BCM)*** is a key Operational Risk program to minimize the impact of a business disruption, (irrespective of cause) and to provide an acceptable level of continuity until normal business operations are resumed. The BCM includes the following:

- Establishing ownership, roles and responsibilities
- Risk analysis
- Business impact analysis
- Recovery strategies
- Familiarisation of emergency response and crisis management plans



**Basel II: Pillar 3 Disclosures (*Continued*)**

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- Regular review and maintenance
- Regular, complete and meaningful testing

**9. Operational Risk (*Continued*)**

**Tools and Mechanisms**

**Control Self Assessment:** The process of Control Self Assessment comprises:

- assessment of the quality and effectiveness of underlying controls
- assessment the level of compliance with relevant Core Operational Risk Standards and Minimum Acceptable Standards
- Identification of control weakness / material risks and establishment of appropriate action plans to address the same.

**Risk Event Management (REM)** and reporting is for:

- Fostering a consistent and robust risk event management and reporting culture
- Building a risk event database that will be in line with Basel II requirements to progress towards a more sophisticated capital quantification approach for Operational Risk
- Providing management with regular reports on Operational Risk exposures at a granular level

**Key Risk Indicators (KRI)** tracking and reporting:

- Serve as pre-warning signals of the changes in the level of risks and the effectiveness of controls
- Enabling prompt corrective action to be taken to prevent or reduce potential loss exposures through proper tracking and trend analysis of KRIs.

**New Product Approval (NPA)** is a review / approval process to ensure that:

- New business initiatives and changes are introduced in a controlled manner
- Risks inherent in the new proposals are properly addressed
- Appropriate due diligence is conducted prior to the commencement of new business

**Approach for operational risk capital assessment**

The Bank currently follows the Basic Indicator Approach for Operational Risk capital assessment. Migration to advanced approaches will be as per the guidance from the Bank's Head Office in Singapore. Discussions on this migration are currently underway



**Basel II: Pillar 3 Disclosures (Continued)**
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**10. Interest rate risk in the banking book (IRRBB)**
***Qualitative Disclosures***

The Asset and Liability Committee (“India ALCO”) oversees the structural interest rate risk and funding liquidity risk in the Bank. The ALCO ensures that the exposures are within prudent levels. Structural interest rate risk arises from mismatches in the interest rate profile of customer loans and deposits. This interest rate risk has several aspects: basis risk arising from different interest rate benchmarks, interest rate re-pricing risk, yield curve risks and embedded optionality. To monitor the structural interest rate risk, the tools used by DBS include re-pricing gap reports, sensitivity analysis and income simulations under various scenarios.

***Quantitative Disclosures***

The Bank uses a PV based approach to measure the impact on economic value for upward and downward rate shocks. This measures the potential change in economic value of the Bank for a unit change in interest rates. The change in economic value due to a unit change in interest rates are :-

Change in economic value due to a unit change in interest rates	INR Million
31 March 2011	5.03

The impact on Earnings is computed as per the definition laid down in the ALM Policy of the Bank. Per the policy, Earnings-at-Risk (EaR) measures the interest rate risk from the earnings perspective. It is computed as an impact (over a 1-year horizon) of a 1% parallel shift in the yield curve on the Bank’s earning. This is computed using the net IRS gaps for each bucket upto 1 year and the mark-to-market impact of 1% rise in interest rates on the AFS and HFT portfolio is to this. The aggregate of these approximates the net revenue impact of a 1% parallel shift (increase in interest rates) in the yield curve over a 1 year horizon and acts as a useful tool in the hands of the ALCO to monitor and assess the impact of Interest rate risk exposure of the Bank on its revenue.

EaR is computed at a Bank-wide level on the INR book. It is not computed individually for the trading and banking books. Hence the impact on Earnings for the Banking book alone cannot be assessed. The EAR on the INR book (trading and banking) is:

EaR on the INR book (trading and banking)	INR Million
31 March 2011	(753.70)

