

## Basel - Pillar 3 Disclosure At December 31, 2015

### I. Scope

IDFC Bank Limited (hereinafter referred as the Bank) aims to operate within an effective risk management framework to actively manage all the material risks faced by the Bank, in a manner consistent with the Bank's risk appetite.

IDFC Bank Limited was incorporated on October 21, 2014 as a Company under the Companies Act, 2013. Further to the grant of the banking license by the RBI on July 23, 2015 and approval of the Scheme of Arrangement between IDFC Limited and IDFC Bank Limited and their respective shareholders and creditors, IDFC Bank Limited commenced its Banking operations on October 1, 2015. As per the Scheme of Arrangement, the entire financial undertaking of IDFC Limited was transferred to IDFC Bank Limited with effect from October 1, 2015.

IDFC Bank Limited being a newly launched bank has to abide by the directions of RBI on Guidelines for Licensing of New Banks in the Private Sector dated February 22, 2013. As per the guidelines the Bank is required to maintain a minimum capital adequacy ratio of 13 per cent of its risk weighted assets (RWA) for a minimum period of three years after commencement of its operations, subject to any higher percentage as may be prescribed by RBI from time to time. This document covers the Capital Adequacy Status for IDFC Bank. It also describes the Risk Process and Governance at the Bank to effectively on-board, monitor and report risk.

### II. Adequacy of Capital

IDFC currently maintains a Common Equity Tier 1 (CET1) Ratio of 19.63% and a Capital to Risk Weighted Assets (CRAR) ratio of 20.30%.

Particulars	(in Rs Cr)
<b>Risk Weighted Asset for Credit Risk</b>	<b>45,508</b>
- <i>On-Balance Sheet Items</i>	43,099
- <i>Non-Market Related Off-Balance Sheet Items</i>	1,883
- <i>Market Related Off-Balance Sheet Items</i>	526
<b>Risk Weighted Asset for Market Risk</b>	<b>10,075</b>
- <i>Interest Rate Risk</i>	5,835
- <i>Equity Risk</i>	3,874
- <i>Foreign Exchange Risk</i>	366
<b>Risk Weighted Asset for Operational Risk</b>	<b>3,911</b>
<b>Total Risk Weighted Asset (RWA)</b>	<b>59,494</b>
Tier 1 Capital	11,679
Tier 2 Capital	398
<b>CET1 Ratio</b>	<b>19.63%</b>
<b>CRAR</b>	<b>20.30%</b>

The Pillar 3 Disclosure applies to the IDFC Bank, which currently has no subsidiaries for consolidation. The disclosures for IDFC Bank as a standalone entity are the same for the bank as a Consolidated Entity.

### III. Exposure Distribution (as of December 31, 2015)

The following section provides details of all credit risk exposures held at IDFC Bank.

#### By Facility Type

Category	Credit Exposure (in Rs Cr)
Fund Based Facilities*	83,701
Non-Fund Based Facilities**	4,181
<b>Total</b>	<b>87,882</b>

\* Fund Based Facilities include Loans & Advances, margins, investments in debentures & bonds, commercial papers, equity shares, preference shares, units of mutual fund, certificate of deposits.

\*\* Non-Fund Based Facilities include exposure through issuance of Letter of Credit, Bank Guarantee and other Off-Balance sheet products to customers. This also includes the Exposure through Foreign Exchange and Derivative Transactions at the Bank.

#### By Geographic Distribution

Category	Fund Based	Non-Fund Based
Domestic	83,701	4,181
Overseas	0	0
<b>Total</b>	<b>83,701</b>	<b>4,181</b>

#### By Industry

Category	Fund Based	Non-Fund Based
Government Securities	24,616	
Energy	18,435	390
Banking & Finance*	10,521	1,177
Transport	10,403	325
Telecom	7,917	45
Mutual Fund & Venture Capital Funds	1,609	738
CRE	1,233	
Pharmaceuticals	547	
Construction	499	98
Metals	473	
Chemicals	358	6
Cement	305	
Agri & Food	142	4
Steel	99	

Water and Sanitation	58	
Vehicles & Vehicle Parts	41	
Other Industry	3,673	1398
Other- Assets	2,772	
<b>Total</b>	<b>83,701</b>	<b>4,181</b>

\*includes balances with banks

### Maturity Pattern

Maturity Bucket*	Cash & Balance with RBI	Balances with banks & Money at call and short notice	Investments	Loans & Advances#	Fixed Assets	Other Assets
1 to 14 days	163	2,165	20,113	12	-	285
15 to 28 days	30	-	181	366	-	286
29 days to 3 months	165	-	919	589	-	1,660
3 to 6 months	42	7	234	943	-	-
6 months to 1 year	51	-	285	2,173	-	-
1 to 3 years	378	-	3,283	10,038	-	1,730
3 to 5 years	213	-	2,960	11,805	-	-
Above 5 years	896	-	6,971	21,433	611	-
<b>Total</b>	<b>1,938</b>	<b>2,172</b>	<b>34,946</b>	<b>47,359</b>	<b>611</b>	<b>3,961</b>

### Restructured and NPA Accounts

Category	Dec 31, 2015
Restructured Assets	4,112
NPA	1,462
Gross NPA to Gross Advances %	3.09%
Net NPA to Net Advances %	0.98%

### Classification of NPA

Category	Dec 31, 2015
Sub-Standard	1,107
Doubtful	
- Doubtful 1	274
- Doubtful 2	81
- Doubtful 3	
Loss	
<b>Total Gross NPA</b>	<b>1,462</b>

**Movement of NPA**

Category	Dec 31, 2015
<b>NPA Balance on Demerger</b>	<b>1,467</b>
Additions during the Quarter	0
Reductions	(5)
<b>NPA Balance at Dec 31, 2015</b>	<b>1,462</b>

**Movement of Provision**

Category	Dec 31, 2015
<b>Provision Balance on Demerger</b>	<b>4,349</b>
Provisions made during the Quarter	20
Reductions	0
Write-Offs	0
Other adjustments including write-back of excess provision	(5)
<b>Provision Balance at Dec 31, 2015</b>	<b>4,364</b>

**Credit Exposure by Risk Weight**

Category	Dec 31, 2015
Below 100% Risk Weight	46,915
100% Risk Weight	37,522
More than 100% Risk Weight	3,445
<b>Total</b>	<b>87,882</b>

#### IV. Risk Management at IDFC Bank

IDFC Bank has developed a strong risk management framework to assess and monitor its credit, market and operational risk that is inclusive of its risk culture, risk governance, policies & procedures and risk technology. The Pillar I RWA Calculation covers the following risks

- 1) Credit Risk in Banking Book (Using Standardized Approach)
- 2) Market Risk in Trading Book (Using Standardized Approach)
- 3) Operational Risk across the Bank (Using Basic Indicator Approach)

In addition to the calculation of minimum regulatory capital as per Pillar I, the Bank has also developed an Internal Capital Adequacy Assessment Process (ICAAP) governance model to cover risks over and beyond what is envisaged under Pillar 1. This includes an assessment of capital for risks identified under Pillar II and a stress testing framework to cover extreme scenarios the economy and the Indian banking system might face. The risks covered under Pillar II include

1. Interest Rate Risk in the Banking Book
2. Credit Concentration Risk
3. Liquidity risk
4. Settlement Risk
5. Reputation Risk
6. Business and Strategic Risk
7. Risk of underestimation of credit risk under the standardized approach
8. Internal Rating Model Risk
9. Risk of weakness in credit risk mitigants
10. Information Technology and Information Security Risk

The Bank will assess its capital Adequacy per the ICAAP process in Q4 FY16.

#### **Risk Culture**

The Bank promotes a strong risk culture throughout the organisation. A strong risk culture is designed to help reinforce the Bank's resilience by encouraging a holistic approach to management of risk & return and an effective management of risk, capital and reputational profile. The Bank actively takes risks in connection with its businesses. The following principles underpin the risk culture at IDFC Bank:

- 1) Risk taken is approved within the risk management framework
- 2) Risk taken is within a defined risk appetite
- 3) Risk taken is adequately compensated
- 4) Risk is continuously monitored and managed

Employees at all levels are responsible for management and escalation of risks. The Bank expects employees to exhibit behaviour that supports a strong risk culture. The following aspects support the risk culture of the Bank:

**Tone at the top:** Tone at the top refers to communication of risk appetite statements, risk limits and risk strategy and leveraging on the same to identify and prioritise appropriate risk behaviour that is required for building the desired risk culture.

**Accountability:** Accountability refers to clear and transparent communication of roles and responsibilities to committees and staff members across the three lines of defence (LOD) essential for effective risk governance, viz. front office functions, risk management & oversight and assurance roles are played by functions independent of one another with clearly defined responsibilities.

## Risk Governance

The Chief Risk Officer manages execution of the Risk Governance Framework at IDFC Bank. The Chief Financial Officer enables assessment and deployment of Capital to various businesses based on the Risk Strategy and the Risk Appetite approved by the Board.

The Bank has set up a robust risk governance framework based on the following key principles:

- While the Board is responsible for the overall governance and the oversight of core risk management, execution strategy is delegated to risk subcommittee of the Board.
- Segregation of duties across the three-lines of defence model whereby front office functions, risk management & oversight and assurance roles are played by functions independent of one another.
- Risk strategy is approved by the Board on an annual basis and is defined based on the –Bank’s Risk Appetite in order to align risk, capital and performance targets.
- All major risk classes are managed via risk management processes including: credit risk, market risk, operational risk, liquidity risk, business risk and reputational risk.
- Policies, processes and systems are in place to enable the risk management capability.
- Risk Management has the appropriate representation on management committees of the Bank and its respective businesses, and other governance forums as appropriate. At these forums, Risk Management’s approval is required for decisions impacting bank’s risk profile.
- Risk monitoring, stress testing tools and escalation processes have been established to monitor the performance against approved risk appetite.

The Board has delegated authority to the Risk Committee of the Board (RCB) for oversight and review of risk management in the Bank. The RCB maintains active supervision of the Bank’s exposure, asset quality and risk strategy. Additionally the RCB reviews the policies, strategies and associated frameworks for risk management, assures independence of Risk Management and constructively challenges the management’s proposals and decisions on all aspects of risk management arising from the Bank’s activities.

## V. Definition of Non Performing Assets

IDFC Bank defines an asset as NPA if that asset, including a leased asset, ceases to generate income.

### a. Definitions related to NPA

- i. Gross NPA: Gross NPA is the sum total of all assets that are classified as NPAs as per RBI guidelines. It consists of sub-standard, doubtful and loss assets.
- ii. Gross NPA ratio =  $\text{Gross NPA} / \text{Gross Advances}$
- iii. Net NPA =  $(\text{Gross NPA} - \text{Provisions} - \text{floating provision}) / \text{Net Advances} (\text{Gross Advances} - \text{specific provisions} - \text{floating provision})$

### b. Criteria for treatment of Account as NPA

A loan or an advance is identified as a non-performing asset where;

- Interest and / or instalment of principal remains overdue for a period of more than 90 days in the case of a term loan,
- The account remains 'out of order' in the case of an Overdraft / Cash Credit (OD / CC),
- The bill remains overdue for a period of more than 90 days in the case of bills purchased and discounted,
- Interest and / or instalment of principal remains overdue for two crop seasons in the case of short duration crops and one crop season in the case of long duration crops,
- The amount of liquidity facility remains outstanding for more than 90 days, in the case of an undertaken securitisation transaction,
- With respect to derivative transactions, if the overdue receivables, that represent a positive mark-to-market value of a derivative contract, remain unpaid for a period of 90 days from the specified payment due date.
- In case of Interest payments, classify an account as NPA only if the interest charged during any quarter is not serviced fully within 90 days from the end of the quarter.

An asset is not be classified as NPA on account of overdues relating to reimbursement of expenses / out of pocket expenses.

Provisioning is done conservatively at the bank and in some instances done above regulatory requirements.

## VI. Risk Infrastructure

IDFC Bank has developed a comprehensive infrastructure of policies, procedures, people and technology to actively measure, monitor and report risk to the senior management and to the Board. This risk infrastructure is reviewed on periodic basis for completeness, appropriateness to business and alignment to changing risk within the economy and the business.

### A. Policies

A board approved Risk Appetite Framework lays down the risk appetite & boundary for target market, on-boarding criteria, portfolio mix including tenor /product mix and other concentration risk parameters. The key policies for IDFC Bank are approved by the Board. In addition to these, several Management Policies and operational manuals have been developed to manage risk. The Board level policies are reviewed on an annual basis by the RMC while the Management Level policies and manuals are to be reviewed annually by Senior Management.

The Board Policies include Group Risk Management Policy, Credit (Lending) Policy, Credit Risk Management Policy, Risk Appetite Framework, Market Risk Management Policy, Operational Risk Management Policy, Fraud Risk Management Policy, ICAAP Policy, ALM Policy, Investment Policy, Forex & Derivative Policy and Portfolio Acquisition Policy. The Bank also maintains a process for identifying Watchlist accounts.

Group Risk Management Policy establishes the risk culture and risk governance framework to enable identification, measurement, mitigation and reporting of risks. It is an Overarching Policy that covers all risks taken by the bank including Credit Risk, Market Risk, Operational Risk, Fraud Risk and Country Risk.

Credit Policy lays down the principles and guidelines for the Bank including details like categorization of Borrowers /Financial products, Regulatory and internally defined lending restrictions, Credit appraisal standards, Delegation of Authority (DOA) principles, income recognition and Asset classification

Credit Risk Management policy includes the following (i) it lays down the governance framework for monitoring and management of credit risks, (ii) establishes principles for identification, assessment & measurement of credit risk like credit rating & collaterals, (iii) establishes principles for credit risk controls across pre-disbursement, disbursement and post-disbursement stages and (iv) establishes principles for portfolio risk management and stress testing.

In addition to the above Policies, the Credit Operations Manuals lays down the detailed processes to be carried out for loan sanction/approval, documentation & credit administration and post disbursement monitoring activities.

## **B. Governance Committees**

The Board has delegated authority to the Risk Committee of the Board for oversight and review of the risk management in the Bank. The RCB is supported by the following sub-committees to facilitate effective execution of the above responsibilities.

### **Credit & Market Risk Committee (CMRC)**

The key purpose of the Credit & Market Risk Committee is to oversee implementation of credit risk management framework and market risk management frameworks across the Bank, monitor risk on the Investment portfolio and provide recommendations to the Risk Committee of the Board (RCB). The Committee also ensures implementation of the credit risk management policy approved by the Board, formulation, review and implementation of credit risk appetite, monitor credit risks on a bank wide basis and ensure compliance with the board approved risk parameters/prudential limits and monitor risk concentrations and review status of portfolio management, loan review mechanism, risk monitoring and evaluation, regulatory/legal compliance, adequacy of provision, risk concentrations, industry reviews and suggest corrective measures. The Committee is also responsible for Identification, assessment, monitoring, reporting and analysis of market risk associated with Financial Markets Group, formulation of policies, setting of risk parameters and overseeing compliance.

### **Asset Liability Management Committee (ALCO)**

The purpose of the Asset Liability Management Committee is to act as a decision making unit responsible for integrated balance sheet risk management from risk-return perspective including strategic management of interest rate and liquidity risks. ALCO reviews asset liability profile of the Bank, assesses liquidity risk and Interest Rate Risk from the ALM perspective and give directives for managing the funding and capital planning including issuance of capital and borrowing instruments. ALCO also approves the methodology for computing the base rate, pricing of assets and liabilities and desired maturity profile of the incremental assets and liabilities.

### **Operational & Info-Sec Risk Committee**

The purpose of the Operational and Information Security Risk Committee is to oversee implementation of Operational risk management framework across the Bank and provide recommendations to the Risk Committee of the Board. It also helps to identify, assess, monitor and evaluate significant Information Security risk exposure of IDFC Bank and assess management actions to mitigate the bank's exposure in a timely manner

### **Product/ Process Approval Committee**

The Committee is formed to ensure that introduction of new products and processes within the Bank are undertaken in a structured manner, meeting the regulatory requirements for risk assessment.

### **Internal Audit & Controls Committee**

The Committee is constituted to ensure review of MIS related to Compliance and Compliance controls, Internal Audit & Product/Process Approvals on a periodic basis before they are taken up to the Board and/or the Committees of the Board.

### **Other Management Committees Include**

- IT Governance & Infrastructure Committee
- Business Planning and Strategic Initiatives Committees
- Premises & Outsourcing Committee
- Training, Recruitment and Compensation Committee
- Branding, Culture and Communication Committee

### **C. Credit Risk Management**

Credit risk is the possibility of losses associated with diminution in the credit quality of borrowers or counterparties. In a bank's portfolio, losses stem from outright default due to inability or unwillingness of a borrower or counterparty to meet commitments in relation to lending, trading, settlement and other financial transactions.

As part of Credit risk management, the Bank has

- Established governance framework to ensure an effective oversight, segregation of duties, monitoring and management of credit risks in the Bank.
- Established standards to facilitate effective identification and assessment of credit risk.
- Established standards for effective measurement (measurement of credit risk capital requirements in line with Basel III requirements) and monitoring of credit risk.
- Established principles for portfolio risk management and stress testing.

### **Credit Approval Process**

The Banks Credit Policies & Operations Manual forms the core to controlling credit risk in various activities and products.

Commercial Bank and Wholesale Bank<sup>1</sup>: Credit Risk Unit with support from Business unit and Credit Administration Department (CAD), is entrusted with the responsibility of implementing processes for credit risk identification, assessment, measurement, monitoring and control. Business unit has the responsibility to originate the proposals and prepare the credit approval notes. Risk unit performs an independent appraisal of these notes including highlighting key risks, reviewing and finalising the credit

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<sup>1</sup> Commercial Bank includes Middle Markets and Small & Medium Enterprise segment (SME segment) Wholesale Bank includes Large Corporates, Government Business, Financial Institutions (excluding Micro Finance Institutions being covered by Bharat Banking) and Financial Markets Group.

rating, and then submits these notes approval. Credit approvals are done as per the board approved Delegation of Authority. CAD is responsible for managing the credit administration activities, credit documentation and independently monitoring the compliance to sanction terms and conditions. The Credit Operations manual lays down specific responsibilities of each unit – Business, Risk & CAD.

In addition to the above there are also other units like Early Warning Signals (EWS) unit which is responsible for implementing the EWS framework including reporting of EWS, Portfolio Analytics unit which is responsible for execution of portfolio risk management activities including concentration risk monitoring and stress testing as well as supporting the underwriting unit for any portfolio / industry related data inputs and Environment Risk Group (ERG) which is responsible for implementing processes for environmental and social risk identification, assessment, monitoring and review of new transactions and existing portfolio.

Personal & Business Banking: Credit risk is approved within the Product Program lending framework. In such programs, the Bank approves maximum levels of credit exposure to a set of customers with similar characteristics and profiles, under clearly defined standard terms and conditions. Such product programs once duly approved basis Delegation of Authority, are implemented for a large set of homogeneous customers within standard operating procedures and underwriting guidelines. Credit Bureaus, Scorecards, verification of customer antecedents through engagement with third party agencies and due diligence on collateral - if applicable, are extensively used for underwriting individual customers basis the approved Risk appetite. Individual approvals are done as per the approved Delegation of Authority and Risk Based approval Matrix.

Bharat Banking: The challenge of credit risk management in Bharat Banking is absence of documented financial statements and lack of collateral to mitigate the credit risk. Therefore an alternate credit assessment methodology has been adopted supplemented by strong portfolio monitoring. Credit granting process has been defined in Product Programs, and is mainly inclusive of pre-defined customer selection criteria's covering age, income and stability norms. Credit underwriting is performed at branch level after conducting due-diligence of the customer through Residence/business premises visit, reference checks and Bureau Checks. Individual approvals are done as per the approved Delegation of Authority and deviation approval matrix. The accountability of collection has been entrusted with Business team to ensure the quality of the portfolio being sourced.

The portfolio monitoring for both Personal, Business and Bharat Banking portfolios is done at a high level of granularity and segmentation. Remedial strategies are implemented if a loan is identified as an adversely labeled credit, or if there are incipient signs of stress, using credit bureaus as the primary source of information.

### **External Credit Rating**

The Bank relies upon the ratings assigned by eligible external credit rating agencies, as defined by RBI, for assigning risk weights for credit risk capital computation. Ratings given by the following credit rating agencies are used by the Bank for the purpose of risk weighting their claims:

- Credit Analysis and Research Limited;
- CRISIL Limited;
- India Ratings and Research Private Limited (India Ratings);
- ICRA Limited;
- Brickworks Rating India Pvt. Limited (Brickwork); and
- SMERA Ratings Ltd. (SMERA)

The Ratings applied are the solicited ratings provided by the Rating Agencies for the Credit facilities to which IDFC Bank is a Lender.

Bank would also use the ratings of the following international credit rating agencies for assigning risk weights to claims for capital adequacy purposes where the exposure can be specified as international exposure:

- Fitch;
- Moody's and
- Standard & Poor's

Some Key Principles:

- Bank uses the chosen credit rating agencies and their ratings consistently for each type of claim, for both risk weighting and risk management purposes.
- For assets in the Bank's portfolio that have contractual maturity less than or equal to one year, short term ratings accorded by the chosen credit rating agencies is used. For assets which have a contractual maturity of more than one year, long term ratings accorded by the chosen credit rating agencies is used.
- If there are two ratings accorded by chosen credit rating agencies then the lower of the two ratings is applied. If there are three or more ratings accorded by chosen credit rating agencies, then the better of the two lowest ratings is applied.
- To be eligible, the rating agency should have reviewed the rating at least once during the previous 15 months.

### **Internal Credit Rating**

In addition to actively pursuing an external rating on the facility, the bank has also developed a robust internal ratings framework.

Some key features of this rating framework are:

- Internal credit rating is a core element of IDFC Bank's risk management framework. To determine an internal credit rating, an objective assessment of the counterparty's default probability is done based on present characteristics and assumptions. This rating also reflects the credit view for the next 12 months.

- No credit limit is approved without an approved internal credit rating except as may be specifically provided in this policy. In case of exceptions, necessary approvals are obtained as per the Delegation of Authority.
- Assessment of internal credit rating are based on any one of the approved credit rating models as maybe applicable basis the industry and business segments.
- Internal Rating or Obligor rating (OR) is on a 14 point scale starting from iAAA to D.

#### D. Market Risk Management

The Bank has set up robust Market Risk management process which sets out the broad guidelines for managing Market Risk that the Bank is exposed to. Management of market risk encompasses risk identification, measurement, setting up of limits and triggers, monitoring, control, reporting and taking corrective actions, where warranted. The Market Risk management process at the Bank ensures that the Treasury dealings in the product that are exposed to market risk are within the risk appetite of the Bank. The Board approved risk appetite is handed down as limits to Financial Markets Group. The prescribed limits are monitored by the Mid Office and reported as per the guidelines laid down from time to time. The market risk objective, framework and architecture along with the functions of market risk are detailed in the Board approved Market Risk Management Policy.

Bank monitors and measures market risk on the following positions

- Trading book positions in interest rate sensitive securities, including interest rate derivatives
- Open positions in foreign exchange, including foreign exchange derivatives
- Trading book positions in equity securities
- Position exposed to market risk, undertaken as part of the non-trading activities (part of Banking Book)

#### Market Risk Governance Framework

The governance framework for market risk management is as under:

- Board of Directors (BoD)
- Risk Committee of Board (RCB)
- Asset-Liability Management Committee (ALCO)
- Credit & Market Risk Management Committee
- Market Risk Department
- Middle Office Department

**Segregation of Duties:** Bank has ensured segregation of duties in terms of independent Front Office, Back Office, Middle Office and Market risk department.

**Market Risk Department** of the bank provides periodic reviews and analysis to BoD, RMCB, ALCO and MRC. It is responsible for preparation and review of the Policy and Limits with regard to market risk post discussion with Financial Markets Group, reviews valuation methodologies, reviews risk computation

methodologies like VAR, sensitivities, conducts stress testing, conducts hedge effectiveness testing as per the frequency detailed in the hedge strategy documents etc

Bank has an **independent Mid-Office** within Market Risk function. Middle Office monitor limits as laid down in the Limit Management Framework (LMF) and report breaches and exceptions, if any. The department's main responsibilities also includes review of market data, computation and dissemination of Front office P&L, risk and position statements, monitor stop loss triggers as per the Stop Loss Monitoring framework & performs rate scan.

#### **Classification of Books:**

Market Risk governance framework involves classification of books into Trading Book and Banking Book.

The Bank's trading book consist of securities held in held for trading (HFT) and Available for Sale (AFS). All foreign exchange (FX) and derivatives transactions, other than classified as hedging or funding deals are considered as trading book. The Bank's banking book consists of positions which are not included in the Bank's trading book.

#### **Management of Market Risk in the Trading Book**

The Credit & Market Risk Management Committee has the responsibility of reviewing and recommending the market risk limits to be adhered for the trading book. MRC reviews compliance of limits, exceptions observed and approval status and provide necessary directions on the same on a periodic basis.

#### **Management of Market Risk in the Banking Book**

The ALCO also has the responsibility of ensuring adherence to the limits set by the Board as well as formulation of balance sheet strategy for the Bank as a whole. This includes broad direction for management of the market risk in the banking book as stipulated in the Bank's Asset Liability Management (ALM) Policy. The ALM Policy also prescribes stipulations on management of liquidity risk and interest rate risk in the banking book.

#### **Market Risk Monitoring Parameters:**

- Foreign exchange exposure is measured through MTM, Net overnight open position (NOOP), Aggregate Gap limits, Pv01 FX Book.
- Risk on fixed income portfolio is measured through PV01 and MTM of fixed income instruments
- Risk on Derivatives portfolio is measured through MTM, PV01, greeks (Delta, Gamma and Vega)

Bank is in the process of implementing VAR based approach for measuring market risk on Trading and Banking portfolio and simulated Potential future exposure for computation of Counterparty risk.

### **E. Operational Risk Management**

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events. Operational risk is inherent in all activities arising out of Bank's business and operations. The severity of impact (financial/non-financial) from operational risks on the bank, its employee and customers is dependent on the efficacy with which operational risk is managed by the Bank.

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## **Governance and organization structure for managing operational risk**

Risk Committee of the Board has the primary responsibility of oversight and review of risk management in the Bank. The Bank has put in place a Board approved governance and organisational structure which specifies roles and responsibilities of employees, Business and Shared service Units, Operational Risk Management Department and other stakeholders towards operational risk management. Committee comprising of senior management personnel namely 'Operational & InfoSec Risk Management Committee' is responsible for overseeing implementation of Board approved Operational Risk Management Framework. The Committee is head by Managing Director and Chief Executive Officer of the Bank. An independent Operational Risk Management Department (ORMD) is responsible for implementing the framework across the Bank. Every Operating Unit manages its operational risks through their respective 'Business Operational Risk Committees' with support from dedicated 'Business Operational Risk Manager'.

### **Risk identification, measurement, monitoring and reporting**

Responsibility of identification and management of operational risk on day –to-day basis lies with Business and Shared Service Units. ORMD is responsible for designing and implementing framework and tools that help identify and manage operational risk. Independent Internal Control Unit is responsible for assessing the design and operating effectiveness of controls. Internal Audit validates and assures stakeholders on efficacy of governance, risk management and internal controls. Key initiatives taken by Bank to ensure timely identification and management of risks include–

- All new Products and Processes are rolled out post mitigation of assessed critical risks basis approval from Product / Process Approval Committee.
- Risk and Controls Self-Assessment methodology that supports identification and mitigation of key risks using bottoms-up approach.
- Internal Control Testing Framework that helps assess design & operating effectiveness of controls.
- Framework for on-going monitoring of risks through Key Risk Indicators.
- Operational risk Incident reporting process that involves detailed risk analysis for material incidents to learn from errors for strengthening controls through Loss and Near miss data.
- Tracking of Actions for timely closure of Open Issues from RCSAs, Control Testing, Risk incidents and Audit.
- Governance over outsourcing of financial services activities through the Outsourcing Committee.

### **Information Technology and Information Security Risk**

Information security group (ISG) is an independent group that oversees risks related to information technology. The group is headed by a senior executive of the bank and is designated as Chief Information Security Officer (CISO), who reports to the Chief Risk Officer. This group operates under information security management system framework (ISMS) framework that is aligned with RBI

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guidelines and the ISO 27001 standard. In the Bank, this group guides and supports implementation of strong information security principles in the areas of technology solutions, the related processes and people.

### **Business Continuity Management**

IDFC Bank is committed to providing the best possible experience to its customers and the best possible relationships with employees, shareholders and suppliers. However, IDFC Bank is exposed to potential risks that could disrupt or destroy critical business functions and/or the production and delivery of the IDFC Bank's services. The Business Continuity Policy applies to all staff, employees, contractors and facilities controlled by IDFC Bank. The policy extends to all current and future activities, and new opportunities. The policy aims to ensure that robust business continuity management arrangements are developed and applied to all key services that are proportionate to their significance and the risks of disruption that may impact them.