# Disclosure of Capital Maintenance Information

# **Pillar III**

For the year ended 30 September 2018 and 2017



## I. Scope of Information Disclosure

ANZ Bank (Thai) Public Company Limited ("ANZ Thai" or "the Bank") incorporated as a commercial bank in Thailand, was given the banking license by The Ministry of Finance on 15 June 2015, whilst the Bank through its notification requirement under the banking license, has commenced its legal day-1 on Monday 29 June 2015.

The Bank hereby discloses 2018 annual information as specified in Bank of Thailand Notification No. SorNorSor 4/2556 Re: Disclosure of Capital Maintenance Information for Commercial Banks.

# II. Capital

# 1. Capital Structure

The Bank was registered and incorporated as a juristic person in Thailand under the Public Limited Company Act B.E. 2535 on 27 November 2014 with the start-up capital of THB 500 million and increased its registered capital (which was fully paid up) by another THB 19,500 million on 11 June 2015 to meet the minimum capital requirement of a banking license of THB 20,000 million.

The table below presents the Bank capital structure as at 30 Septemeber 2018 and 31 March 2018

**Table 1: Capital Structure** 

Item	30-Sep-18	31-Mar-18
1. Tier 1 capital	19,545,565,080	19,558,746,593
Common equity tier 1 (CET1)	19,545,565,080	19,558,746,593
Paid-up capital (common stock) deducted by buyback of common stock	20,000,000,000	20,000,000,000
Net profits (losses)	- 399,809,747	- 399,809,747
Other comprehensive income	431,998	24,648,122
Less deductible items on Common equity tier 1*	- 55,057,171	- 66,091,782
2. Tier 2 capital	147,606,621	147,102,164
General provision for performing loans	147,606,621	147,102,164
3. Total regulatory capital (1+2)	19,693,171,701	19,705,848,757

<sup>\*</sup> Intangible assets, and deferred tax asset (DTA)

# 2. Capital Adequacy

According to the Bank of Thailand's guideline in supervision of capital, commercial banks are required to meet the minimum capital adequacy ratio. With effective from 1<sup>st</sup> Januaury 2018 the minimum capital adequacy ratio is defined at 10.375%.

The approach applies to assess each risk for the capital adequacy as follows:

Credit Risk
 Market Risk
 Operational Risk
 Standardised Approach
 Basic Indicator Approach

The following tables represent minimum capital requirement for credit risk, market risk and operational risk as well as capital adequacy ratio of the Bank as at 30 September 2018 and 31 March 2018

Table 2 Minimum capital requirement for credit risk classified by type of assets under the SA

Minimum capital requirement for credit risk classified by type of		
assets under the SA	30-Sep-18	31-Mar-18
Performing claims		
Claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign	-	-
2 Claims on financial institutions, non-central government public sector entities (PSEs) treated as claims on financial institutions, and securities firms	88,746,720	158,299,427
3 Claims on corporates , non-central governement public sector entities (PSEs) treated as claims on corporate	1,623,590,172	1,368,039,885
4 Claims on retail portfolios	-	-
5 Claims on housing loans	-	-
6 Other assets	6,257,378	6,025,777
Non-performing claims	-	-
First-to-default credit derivatives and Securitisation	-	-
Total minimum capital requirement for credit risk under the SA	1,718,594,270	1,532,365,089

Table 3: Minimum capital requirement for market risk for positions in the trading book (Standardized method)

Minimum capital requirement for market risk (positions in the trading book)	30-Sep-18	31-Mar-18
1. Standardized method	183,412,770	248,970,589
2. Internal model method	N/A	N/A
Total minimum capital requirement for market risk	183,412,770	248,970,589

Table 4: Minimum capital requirement for operational risk (Basic Indicator Approach)

Unit: THB

Minimum capital requirement for operational risk	30-Sep-18	31-Mar-18
1. Basic Indicator Approach	94,376,259	85,241,615
2. Standardized Approach	N/A	N/A
3. Alternative Standardized Approach	N/A	N/A
4. Advanced Measurement Approaches	N/A	N/A
Total minimum capital requirement for operational risk	94,376,259	85,241,615

Table 5: Ratio of total capital to risk-weighted assets, ratio of Tier 1 capital to risk-weighted assets and ratio of Common equity tier 1 to risk-weighted assets

Unit:%

30-Sep-18		ep-18	31-Mar-18	
Ratio	Capital ratio of the bank	Minimum capital ratio according to the BOT regulations	Capital ratio of the bank	Minimum capital ratio according to the BOT regulations
<ol> <li>Total capital to risk-weighted assets</li> <li>Tier 1 capital to risk-weighted assets</li> <li>Common equity tier 1 to risk-weighted assets</li> </ol>	<b>102.34</b> 101.58 101.58	10.375 7.875 6.375	<b>109.53</b> 108.71 108.71	10.375 7.875 6.375

## **III. Risk Exposure and Assessment**

#### 1. Credit Risk

Credit Risk is the risk of financial loss resulting from a counterparty failing to fulfil its obligations, or from a decrease in credit quality of a counterparty resulting in a loss in value.

# Risk Management of Credit Risk

ANZ Thai has a comprehensive framework to manage Credit Risk. The framework is top down, being defined by credit principles and policies. Credit policies, requirements and procedures cover all aspects of the credit life cycle such as transaction structuring, risk grading, initial approval, ongoing management and problem debt management. The effectiveness of the credit risk management framework is assessed through various compliance and monitoring processes. These, together with portfolio selection, define and guide the credit process, organisation and staff.

The primary responsibility for prudent and profitable management of credit risk assets and customer relationships rests with the business units. An independent credit risk management function is managed by the ANZ Thai Chief Risk Officer [CRO]. The Board, Credit Committee, the CRO or other individual Credit Approval Discretion (CAD) holders provide independent credit assessment and lending decisions. The CRO also performs key roles in portfolio management such as development and validation of credit risk measurement systems, loan asset quality reporting, and development of credit policies or requirements.

The authority to make credit decisions is delegated by the Board. Judgemental lending is made on a 'dual approval' basis, jointly by the business CAD holder in the business unit and the respective independent credit risk officer or by the Credit Committee. Individuals must be suitably skilled and accredited in order to be granted and retain a CAD. Credit Approval Discretions are reviewed on an annual basis, and may be varied based on the holder's performance.

The approach to management of Credit Risk incorporates monitoring and management processes for each of the following components of credit risk:

- Single-name concentration, in addition to the regulated single lending limit
- Industry sector concentration
- Country risk [definition: Transfer risk is the risk of loss caused by the unavailability of foreign exchange (convertibility) arising from the actions of the country's government such that ANZ Thai's counterparties are unable to settle their debts or obligations in the currency of the original contract].

ANZ Thai uses portfolio monitoring and analysis tools, technologies and techniques to assist with portfolio risk assessment and management. These assist in:

- Monitoring, analysing and reporting ANZ Thai's credit risk profile and progress in meeting portfolio objectives; and
- Assessing impact of emerging issues, and conducting ad-hoc investigations and analysis.

Credit risk reporting and analysis is managed by the Research & Analysis department of ANZ Thai, independent from lending or credit approval functions. Periodic reporting provides confirmation of the effectiveness of the process, highlights emerging issues requiring

attention and allows monitoring of portfolio trends by all levels of management and the ANZ Thai Board.

Collateral is used to mitigate credit risk, as the secondary source of repayment in case the counterparty cannot meet its contractual repayment obligations. Types of collateral typically taken by ANZ Thai include:

- Security over residential, commercial, industrial or rural property;
- Charges over business assets;
- Security over specific plant and equipment;
- Charges over cash deposits; and
- Guarantees and pledges.

# Credit risk exposure under the Standardized Approach (SA)

The Bank calculates regulatory capital requirement for credit risk using the Standardized Approach (SA) methodology according to the Bank of Thailand's notification Re: Regulations for Credit Risk Asset Calculations for Commercial Banks Using the Standardized Approach (SA).

In setting risk weights of claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign and Central Bank, claims on financial institutions, non-central governement public sector entities (PSEs) treated as claims on financial institutions, claims on corporate and public sector entities (PSEs) treated as claims on corporate, the Bank use rating assessed by External Credit Assessment Institutions (ECAIs) as below:

- 1. Standard and Poor's
- 2. Moody's Investors Service
- 3. Fitch Rating
- 4. Fitch Ratings (Thailand)
- 5. Thai Rating and Information Services Co., Ltd (TRIS)

In the absence of credit rating from ECAIs, then the non-rating risk weighted as defined by Bank of Thailand will apply.

Below table presents the outstanding amounts of significant on-balance sheet assets and off-balance sheet items as of 30 September 2018 and 2017 before adjusted by credit risk mitigation.

Table 6 : Outstanding amounts of significant on-balance sheet assets and off-balance sheet items <u>before</u> adjusted by credit risk mitigation

	Item	30-Sep-18	30-Sep-17
1. On-ba	lance sheet assets	33,329,752,534	40,714,758,594
1.1	Net loans	27,461,963,172	33,323,052,893
1.2	Net Investment in debt securities	4,059,229,371	5,315,338,406
1.3	Deposits (including accrued interest receivables)	696,262,791	1,373,130,234
1.4	Derivatives	1,112,297,200	703,237,061
2. Off-b	alance sheet items	293,214,722,678	236,696,786,283
2.1	Aval of bills, guarantees, and letter of credits	3,523,103,921	2,976,126,726
2.2	OTC derivatives	289,491,618,757	232,961,976,057
2.3	Undrawn committed line	200,000,000	758,683,500

Table 7 : Outstanding amounts of on-balance sheet assets and off-balance sheet items  $\underline{\text{before}}$  credit risk mitigation classified by country or geographic area of debtor\*

	30-Sep-18				
	On-balance sheet assets				
Country or geographic area of debtor	Total	Net loans	Net Investment in debt securities	Deposits (including accrued interest receivables)	Derivatives
1. Thailand	32,348,633,973	27,444,377,159	4,059,229,371	306,602,702	538,424,741
2. Asia Pacific (exclude Thailand)	615,031,397	17,586,013	-	23,572,925	573,872,459
3. North America and Latin America	60,443,926	-	-	60,443,926	-
4. Africa and Middle East	-	-	-	-	-
5. Europe	305,643,238	-	-	305,643,238	-
Total	33,329,752,534	27,461,963,172	4,059,229,371	696,262,791	1,112,297,200

Unit: THB

	30-Sep-18				
	Off-balance sheet items				
Country or geographic area of debtor	Total	Aval of bills, guarantees, and letter of credits	OTC derivatives	Undrawn committed line	
1. Thailand	71,496,933,440	1,042,597,322	70,254,336,118	200,000,000	
2. Asia Pacific (exclude Thailand)	220,380,039,443	1,142,756,804	219,237,282,639	-	
3. North America and Latin America	-	-	-	-	
4. Africa and Middle East	-	-	-	-	
5. Europe	1,337,749,795	1,337,749,795	-	-	
Total	293,214,722,678	3,523,103,921	289,491,618,757	200,000,000	

Unit : THB

	30-Sep-17					
	On-balance sheet assets					
Country or geographic area of debtor	Total	Net loans	Net Investment in debt securities	Deposits (including accrued interest receivables)	Derivatives	
1. Thailand	39,601,095,455	33,323,052,893	5,315,338,406	668,571,943	294,132,212	
Asia Pacific (exclude Thailand)	421,542,709	-	-	12,437,860	409,104,849	
3. North America and Latin America	24,129,066	-	-	24,129,066	-	
4. Africa and Middle East	-	-	-	-	-	
5. Europe	667,991,365	-	-	667,991,365	-	
Total	40.714.758.594	33.323.052.893	5.315.338.406	1.373.130.234	703.237.061	

	30-Sep-17				
	Off-balance sheet items				
Country or geographic area of debtor	Total	Aval of bills, guarantees, and letter of credits	OTC derivatives	Undrawn committed line	
1. Thailand	61,567,585,221	444,471,784	60,364,429,937	758,683,500	
2. Asia Pacific (exclude Thailand)	173,674,993,341	1,077,447,221	172,597,546,120	-	
3. North America and Latin America	21,177,300	21,177,300	-	-	
<ul><li>4. Africa and Middle East</li><li>5. Europe</li></ul>	- 1,433,030,421	- 1,433,030,421	- -	-	
Total	236,696,786,283	2,976,126,726	232,961,976,057	758,683,500	

 $\textbf{Table 8: Outstanding amounts of on-balance sheet assets and off balance sheet items \underline{before}\ credit\ risk\ mitigation$ 

	30-Sep-18			
Item	Maturity not exceeding 1 year	Maturity exceeding 1 year	Total	
1. On-balance sheet assets	27,610,467,666	5,719,284,868	33,329,752,534	
1.1 Net loans	23,216,034,712	4,245,928,460	27,461,963,172	
1.2 Net Investment in debt securities	3,245,891,067	813,338,304	4,059,229,371	
1.3 Deposits (including accrued - interest receivables)	696,262,791	-	696,262,791	
1.4 Derivatives	452,279,096	660,018,104	1,112,297,200	
2. Off-balance sheet items	151,919,396,385	141,295,326,293	293,214,722,678	
2.1 Aval of bills, guarantees, and letter of credit	780,356,147	2,742,747,774	3,523,103,921	
2.2 OTC derivatives	151,139,040,238	138,352,578,519	289,491,618,757	
2.3 Undrawn committed line	=	200,000,000	200,000,000	

Unit: THB

	30-Sep-17		
Item	Maturity not exceeding 1 year	Maturity exceeding 1 year	Total
1. On-balance sheet assets	36,561,908,467	4,152,850,127	40,714,758,594
1.1 Net loans	33,323,052,893	-	33,323,052,893
1.2 Net Investment in debt securities	1,642,626,449	3,672,711,958	5,315,338,406
<ol> <li>Deposits (including accrued - interest receivables)</li> </ol>	1,373,130,234	-	1,373,130,234
1.4 Derivatives	223,098,892	480,138,169	703,237,061
2. Off-balance sheet items	109,749,712,937	126,947,073,346	236,696,786,283
2.1 Aval of bills, guarantees, and letter of credit	399,480,866	2,576,645,859	2,976,126,726
2.2 OTC derivatives	109,016,548,571	123,945,427,487	232,961,976,057
2.3 Undrawn committed line	333,683,500	425,000,000	758,683,500

Table 9 : Outstanding amounts of loans including accrued interest receivables and investment in debt securities <a href="mailto:before">before</a> credit risk mitigation classifed by country or geographical area of debtor and asset classification as specified by the Bank of Thailand

Unit: THB

Country or geographic area of Loans including accrued interest receivables							Investment in debt securities
debtor	Normal	Special mentioned	Substandard	Doubtful	Doubtful loss	Total	(Specific provision)
1. Thailand	27,591,806,144	-	-	-	-	27,591,806,144	-
2. Asia Pacific (exclude Thailand)	17,763,649	-	-	-	-	17,763,649	-
3. North America and Latin America	-	-	-	-	-	-	-
4. Africa and Middle East	-	-	-	-	-	-	-
5. Europe	-	-	-	-	-	-	-
Total	27,609,569,793	-	-	-	-	27,609,569,793	-

	30-Sep-17					Investment in	
Country or geographic area of debtor	Loans including accrued interest receivables					debt securities (Specific	
	Normal	Special mentioned	Substandard	Doubtful	Doubtful loss	Total	Provision)
1. Thailand	33,557,292,682	-	-	-	-	33,557,292,682	-
2. Asia Pacific (exclude Thailand)	-	-	-	-	-	-	-
3. North America and Latin America	-	-	-	-	-	-	-
4. Africa and Middle East	-	-	-	-	-	-	-
5. Europe	-	-	-	-	-	-	-
Total	33,557,292,682	-	-	-	-	33,557,292,682	-

Table 10: Provisions (General provision and Specific provision) and bad debt written-off during period for loan including accrued interest receivables and investment in debt securities classified by country or geographic area

Onic. Th						
Country or geographic area of debtor	30-Sep-18					
	Loans includii	Specific provision for				
	General provision	Specific provision	Bad debt written-off during period	Investment in debt securities		
1. Thailand		-	-	-		
2. Asia Pacific (exclude Thailand)		-	-	-		
3. North America and Latin America		-	-	=		
4. Africa and Middle East		-	-	-		
5. Europe		-	-	-		
Total	147,606,621	-	-	-		

Unit: THB

Country or geographic area of debtor	30-Sep-17					
	Loans includii	Specific provision for				
	General provision	Specific provision	Bad debt written-off during period	Investment in debt securities		
1. Thailand		-	-	-		
2. Asia Pacific (exclude Thailand)		-	-	-		
3. North America and Latin America		-	-	-		
4. Africa and Middle East		-	-	-		
5. Europe		-	-	-		
Total	234,239,789	-	-	-		

Table 11: Outstanding amount of loans including accrued interests before adjusted by credit risk mitigation classified by type of business and by asset classification specified by the Bank of Thailand

Unit: THB

	30-Sep-18					
Type of business	Normal	Special mentioned	Substandard	Doubtful	Doubtful loss	Total
- Agriculture	167,271,605	-	-	-	-	167,271,605
- Manufacturing and commerce	9,546,332,474	-	-	-	-	9,546,332,474
- Real estate business and construction	-	-	-	-	-	=
- Public utilities and services	3,031,409,799	-	-	-	-	3,031,409,799
- Housing loans	-	-	-	-	-	=
- Financial leasing	1,310,635,479	-	-	-	-	1,310,635,479
- Commercial banks	12,822,829,813	-	-	-	-	12,822,829,813
- Others	731,090,623					731,090,623
Total	27,609,569,793	-	-	-	-	27,609,569,793

	30-Sep-17					
Type of business	Normal	Special mentioned	Substandard	Doubtful	Doubtful loss	Total
- Agriculture	-	-	-	-	-	-
- Manufacturing and commerce	6,863,875,488	-	-	-	-	6,863,875,488
- Real estate business and construction	-	-	-	-	-	-
- Public utilities and services	842,186,362	-	-	-	-	842,186,362
- Housing loans	-	-	-	-	-	-
- Financial leasing	3,016,317,644	-	-	-	-	3,016,317,644
- Commercial banks	22,834,913,188	-	-	-	-	22,834,913,188
- Others	-					-
Total	33,557,292,682	-	-	-	-	33,557,292,682

Table 12: Provisions (General provision and Specific provision) and bad debt written-off during the period for loans including accrued interest receivables classified by types of business

	30-Sep-18			
Type of business	General provision	Specific provision	Bad debt written- off during period	
- Agriculture		-		
- Manufacturing and commerce				
- Real estate business and construction				
- Public utilities and services				
- Housing loans				
- Financial leasing				
- Commercial banks				
- Others				
Total	147,606,621	-	-	

Unit: THB

			Offic : THB		
	30-Sep-17				
Type of business	General provision	Specific provision	Bad debt written- off during period		
- Agriculture - Manufacturing and commerce		-			
<ul> <li>Real estate business and construction</li> <li>Public utilities and services</li> </ul>					
- Housing loans					
- Financial leasing					
- Commercial banks					
Total	234,239,789	-	-		

Table 13 : Reconciliation of change in provisions (General provision and Specific provision) for loans including accrued interest receivables

Unit: THB

Item	30-Sep-18				
	General provision	Specific provision	Total		
<ul> <li>Provisions at the beginning of the period</li> <li>Bad debts written-off during the period</li> <li>Increases or Decreases of provisions during the period</li> <li>Other provisions (provisions for losses from foreign exchange,provisions for merger and sale of businesses</li> </ul>	234,239,789 - - 86,633,168 -	- - -	234,239,789 - - 86,633,168		
Provisions at the end of the period	147,606,621	-	147,606,621		

Item	30-Sep-17			
	General provision	Specific provision	Total	
- Provisions at the beginning of the period	142,930,654	-	142,930,654	
- Bad debts written-off during the period	-	-	-	
- Increases or Decreases of provisions during the period	91,309,135	-	91,309,135	
- Other provisions (provisions for losses from foreign exchange,provisions for merger and sale of businesses	-	-	-	
Provisions at the end of the period	234,239,789	-	234,239,789	

Table 14: Outstanding amounts of on-balance sheet assets and credit equivalemt amounts of off-balance sheet items net of specific provisions classified by type of assets under the SA

	30-Sep-18			
Type of asset	On-balance sheet assets	Off-balance sheet item	Total	
1. Performing claims				
1.1 Claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign	4,365,626,872	-	4,365,626,872	
1.2 Claims on financial institutions, non-central governement public sector entities (PSEs) treated as claims on financial institutions, and securities firms	13,522,756,254	2,106,022,999	15,628,779,252	
<ol> <li>Claims on corporates, non-central governement public sector entities (PSEs) treated as claims on corporate</li> </ol>	14,476,678,828	862,321,918	15,339,000,747	
1.4 Claims on retail portfolios	-	-	-	
1.5 Housing loans	-	-	-	
1.6 Other assets	1,314,127,923	-	1,314,127,923	
2. Non-performing claims	-	-	-	
3. First-to-default credit derivatives and Securitisation	-	-	-	
Total	33,679,189,877	2,968,344,917	36,647,534,794	

	30-Sep-17			
Type of asset	On-balance sheet assets	Off-balance sheet item	Total	
Performing claims     1.1 Claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign	5,982,629,727	-	5,982,629,727	
1.2 Claims on financial institutions, non-central governement public sector entities (PSEs) treated as claims on financial institutions, and securities firms	23,540,752,101	1,849,796,532	25,390,548,633	
<ol> <li>Claims on corporates , non-central governement public sector entities (PSEs) treated as claims on corporate</li> </ol>	10,722,379,494	711,716,133	11,434,095,627	
1.4 Claims on retail portfolios	-	-	-	
1.5 Housing loans	-	-	-	
1.6 Other assets	3,495,304,637	-	3,495,304,637	
2. Non-performing claims	-	-	-	
3. First-to-default credit derivatives and Securitisation	-	-	-	
Total	43,741,065,959	2,561,512,665	46,302,578,624	

Table 15: Outstanding amount of net on-balance sheet assets and credit equivalemt amount of off-balance sheet items net of specific provisions and after credit risk mitigation for each type of asset, classified by risk weight under the SA

					3	30-Sep-18					
Type of asset		Rated outstanding amount			Unrate	nrated outstanding amount					
Risk weight (%)	0	20	50	100	150	0	20	35	50	75	100
Performing claims	4,901,306,022	1,709,384,695	1,196,998	818,528,990		1,186,599,045	84,020,238	-	-	-	15,382,509,387
Claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign	4,365,626,872	-	-	-	-				-		-
Claims on financial institutions , non-central governement public sector entities (PSEs) treated as claims on financial institutions, and securities firms	535,679,150	1,709,384,695	1,196,998	818,528,990	-						-
3 Claims on corporates , non-central governement public sector entities (PSEs) treated as claims on corporate	-	-	-	-	-						15,339,000,747
4 Claims on retail portfolios										-	_
5 Claims on housing loans								_		-	_
6 Other assets						1,186,599,045	84,020,238				43,508,640
Risk weight (%)	·		50	100	150	=,===,033,010	1 :,320,200			75	. = /5000/010
Non-performing claims			-	-	-				-	-	-
Capital deduction items prescribed by the Bank of Thailand	55,057,171										

Town of a cost	30-Sep-17										
Type of asset	Rated outstanding amount					Unrated outstanding amount					
Risk weight (%)	0	20	50	100	150	0	20	35	50	75	100
Performing claims	19,512,720,653	1,640,522,222	8,243,881	222,686,329	-	869,210,184	2,551,542,091	-	-	-	11,508,647,988
Claims on sovereign and central banks, multilateral development banks (MDBs), and non-central governement public sector entities (PSEs) treated as claims on sovereign	5,982,629,727	1	-	-	-				-		-
Claims on financial institutions , non-central governement public sector entities (PSEs) treated as claims on financial institutions, and securities firms	13,530,090,925	1,640,522,222	8,243,881	222,686,329	-						-
Claims on corporates , non-central governement public sector entities (PSEs) treated as claims on corporate	-	-	-	-	-						11,434,095,627
4 Claims on retail portfolios										-	-
5 Claims on housing loans								-		-	-
6 Other assets						869,210,184	2,551,542,091				74,552,362
Risk weight (%)			50	100	150	, ,				75	
Non-performing claims			-								
Capital deduction items prescribed by the Bank of Thailand	92,608,275										

#### 2. Market Risk

Market Risk stems from the ANZ Thai's trading and balance sheet activities and is the risk to the ANZ Thai's earnings arising from changes in interest rates, foreign exchange rates, credit spreads, volatility, and correlations or from fluctuations in bond, commodity or equity prices.

#### **Risk Management of Market Risk**

ANZ Thai has a detailed market risk management and control framework, to support its trading and balance sheet activities, which incorporates an independent risk measurement approach to quantify the magnitude of market risk within the trading and balance sheet portfolios. This approach, along with related analysis, identifies the range of possible outcomes that can be expected over a given period of time, and establishes the likelihood of those outcomes and allocates an appropriate amount of capital to support these activities.

Key ANZ Thai Market risk factors include:

- Interest rate risk is the potential loss arising from the change in the value of a financial instrument due to changes in market interest rates or their implied volatilities.
- Foreign Exchange or Currency risk is the potential loss arising from the decline in the value of a financial instrument due to changes in foreign exchange rates or their implied volatilities.

Market Risk is a specialist risk management unit independent of the business that is responsible for measuring and monitoring market risk. Market Risk have implemented policies and procedures to ensure that ANZ Thai's market risk exposures are managed within the appetite and limit framework set by the Board.

Table 16:Minimum capital requirements for each type of market risk under the Standardized Approach

Unit: THB

Minimum capital requirements for market risk under the Standardized Approach	30-Sep-18	31-Mar-18
Interest rate risk	169,052,605	232,105,283
Equity position risk	-	-
Foreign exchange rate risk	14,360,165	16,865,306
Commodity risk	-	-
Total minimum capital requirements	183,412,770	248,970,589

Table 17: The effect of changes in interest rates to net earnings

Currency	30-Sep-18	30-Sep-17		
Currency	Effect to net earnings	Effect to net earnings		
THB	186,185,592	254,084,571		
USD	- 94,236,905	- 161,630,411		
JPY	- 54,693	-		
Others	23,242,191	-		
Total effect from changes in interest rate	115,136,185	92,454,160		
% of anticipated net interest income for the next				
one year	18	17		

#### 3. Operational Risk

Operational risk is defined as the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events. This definition includes legal risk, and the risk of reputational loss or damage arising from inadequate or failed internal processes, people and systems, but excludes strategic risk.

The Board of Directors has approved the ANZ Operational Risk Measurement and Management Policy. This policy is an addendum to the ANZ Global Operational Risk Measurement and Management Policy under ANZ Operational Risk Framework and outlines specific Bank of Thailand policy requirements not specifically addressed in the ANZ Operational Risk Framework. The Risk Management Committee assist the Board in the effective discharge of its responsibilities for operational risk management and for the management of the relative compliance obligations. The committee also assist the Board by providing an objective oversight of the implementation by management the Bank risk management framework and its related operation and by enabling an institution-wide view of current and future risk position relative to its risk appetite and capital strength.

# IV. Composition of capital disclosure requirements

Below table is an additional disclosure of capital information in transition period under the basel III framework.

Table 18 : Disclosure of capital information in transitional period under the Basel III

Unit : THB

Value of capital, inclusions, adjustments and deducti for the period of 30 September 2018	Net amount of item to be included in or deducted from capital under the Basel III	
Common equity tier 1 (CET1)		
Items eligible for inclusion in CET1	19,600,622,251	-
less deduction from CET1	55,057,171	-
Net CET1	19,545,565,080	
Total Tier 1 capital	19,545,565,080	
Tier 2 capital :		
Items eligible for inclusion in Tier 2 capital	147,606,621	
Total Tier 2 capital	147,606,621	
Total capital (Tier 1 and Tier 2 capital)	19,693,171,701	

Value of capital, inclusions, adjustments and deducti for the period of 31 March 2018	Net amount of item to be included in or deducted from capital under the Basel III	
Common equity tier 1 (CET1)		
Items eligible for inclusion in CET1	19,624,838,375	-
<u>less</u> deduction from CET1	66,091,782	-
Net CET1	19,558,746,593	
Total Tier 1 capital	19,558,746,593	
Tier 2 capital :		
Items eligible for inclusion in Tier 2 capital	147,102,164	
Total Tier 2 capital	147,102,164	
Total capital (Tier 1 and Tier 2 capital)	19,705,848,757	