

22 Sep 2017

NOTICE TO BANKS
BANKING ACT, CAP. 19

**NOTICE ON RISK BASED CAPITAL ADEQUACY REQUIREMENTS FOR BANKS INCORPORATED
IN SINGAPORE**

1 This Notice is issued pursuant to section 10(2), section 36(2) and section 55 of the Banking Act (Cap. 19) (“the Act”) and amends MAS Notice 637 dated 14 September 2012 and last revised on 17 October 2016.

2 **Part IV of MAS Notice 637 is amended** by inserting, immediately after paragraph 4.1.3, the following paragraph:

“4.1.3A A Reporting Bank shall include any floor adjustment calculated under paragraph 5.1.3C in the denominators of CET1 CAR, Tier 1 CAR and Total CAR.”.

3 **Part V of MAS Notice 637 is amended –**

- (a) by deleting the words “Tier 1 Capital Resources Requirement and” wherever they appear in paragraphs 5.1.1(a), 5.1.2(a) and 5.1.3(a), and substituting the word “the”;
- (b) by deleting the words “respective Tier 1 Capital Resources Requirement and” wherever they appear in paragraphs 5.1.1(b), 5.1.2(b) and 5.1.3(b);
- (c) by deleting the comma immediately after the words “Total Capital Resources Requirement” wherever they appear in paragraphs 5.1.1(b), 5.1.2(b) and 5.1.3(b);
- (d) by inserting, immediately after paragraph 5.1.3, the following paragraphs and footnote:

“5.1.3A As an alternative to the use of the amounts referred to in paragraphs 5.1.1(b), 5.1.2(b) and 5.1.3(b), a Reporting Bank may use 80% or such other percentage (in any case, not more than 100%) as the Authority may determine of the Total Capital Resources Requirement calculated using the rules in this Notice, with RWA of the Reporting Bank comprising the sum of –

- (a) its SA(CR) RWA, SA(EQ) RWA and SA(SE) RWA, assuming the Reporting Bank had not adopted IRBA^{29U};
- (b) its RWA for investments referred to in paragraph 6.1.3(p), calculated in accordance with paragraph 6.1.3(p)(iii); and
- (c) its SA(MR) RWA.

^{29U} For the avoidance of doubt, a Reporting Bank shall calculate an SA(CR) RWA in respect of all its actual SA(CR) exposures and IRBA exposures, an SA(EQ) RWA in respect of all its actual SA(EQ) exposures and IRBA(EQ) exposures, and an SA(SE) RWA in respect of all its actual SA(SE) exposures and IRBA(SE) exposures.

5.1.3B The Reporting Bank shall notify the Authority in advance if it intends to use the alternative approach referred to in paragraph 5.1.3A or if, having used the alternative approach, it intends to revert to using the amount referred to in paragraph 5.1.1(b), 5.1.2(b) or 5.1.3(b), as the case may be.

5.1.3C If the amount calculated in paragraph 5.1.1(b), 5.1.2(b), 5.1.3(b) or 5.1.3A, as the case may be, is greater than the corresponding amount calculated in paragraph 5.1.1(a), 5.1.2(a) or 5.1.3(a), as the case may be, a Reporting Bank shall –

- (a) multiply the difference by the reciprocal of the minimum Total CAR requirement in paragraph 4.1.4; and
- (b) add the figure obtained in sub-paragraph (a) (referred to as the “floor adjustment”) to the Total RWA in the denominators of its capital adequacy ratios in paragraphs 4.1.1, 4.1.2 and 4.1.3 respectively.”; and
- (e) by deleting paragraph 5.1.6 and substituting the following paragraph:

“5.1.6 For the purpose of this Part, “Total Capital Resources Requirement” means –

- (a) in the case where the Reporting Bank is using the rules in MAS Notice 637 in force immediately before 1 Jan 2008, 10% of the RWA of the Reporting Bank, adjusted by adding deductions from Tier 1 Capital and deductions from Total Capital referred to in paragraphs 12 and 18 respectively, and deducting the general provisions referred to in paragraph 16(a), of that Notice; or
- (b) in the case where the Reporting Bank is using the rules in this Notice, 10% of the RWA of the Reporting Bank, adjusted by adding regulatory adjustments in CET1 Capital referred to in paragraph 6.1.3, regulatory adjustments in AT1 Capital referred to in paragraph 6.2.3, and regulatory adjustments in Tier 2 Capital referred to in paragraph 6.3.3, and deducting the items referred to in paragraphs 6.3.1(d) and (e), subject to the transitional arrangements set out in Division 5 of Part VI.”.

4 **Part XII of MAS Notice 637 is amended –**

- (a) by deleting Schedule 1A of Annex 12A and substituting the following Schedule:

“

STATEMENT OF CET1 CAR, TIER 1 CAR AND TOTAL CAR

Name of the Reporting Bank:

Statement as at:

Scope of Reporting:

(indicate as appropriate)

Amounts subject
to pre-BaseI III
treatment

Amounts

(In S\$ million)

Part A: CET1, AT1 and Tier 2 Capital

Common Equity Tier 1 capital: instruments and reserves

1	Paid-up ordinary shares and share premium (if applicable)	<input type="text"/>	
2	Retained earnings	<input type="text"/>	
3	Accumulated other comprehensive income and other disclosed reserves	<input type="text"/>	
	of which: 45% of revaluation surpluses and accumulated revaluation gains	<input type="text"/>	
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	<input type="text"/>	
5	Minority interest that meets criteria for inclusion	<input type="text"/>	<input type="text"/>
6	Common Equity Tier 1 capital before regulatory adjustments	<input type="text"/>	
	Common Equity Tier 1 capital: regulatory adjustments		
7	Valuation adjustment pursuant to Part VIII	<input type="text"/>	
8	Goodwill, net of associated deferred tax liability	<input type="text"/>	<input type="text"/>
9	Intangible assets, net of associated deferred tax liability	<input type="text"/>	<input type="text"/>
10	Deferred tax assets that rely on future profitability	<input type="text"/>	<input type="text"/>
11	Cash flow hedge reserve	<input type="text"/>	<input type="text"/>
12	Shortfall of TEP relative to EL under IRBA	<input type="text"/>	<input type="text"/>
13	Increase in equity resulting from securitisation transactions	<input type="text"/>	<input type="text"/>
14	Unrealised fair value gains/losses on financial liabilities and derivative liabilities arising from changes in own credit risk	<input type="text"/>	<input type="text"/>
15	Defined benefit pension fund assets, net of associated deferred tax liability	<input type="text"/>	
16	Investments in own shares	<input type="text"/>	
	of which: Direct investments, net of qualifying short positions	<input type="text"/>	
	of which: Indirect investments, net of qualifying short positions	<input type="text"/>	
17	Reciprocal cross-holdings in ordinary shares of financial institutions	<input type="text"/>	
18	Investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank does not hold a major stake	<input type="text"/>	
	Total capital holdings:	<input type="text"/>	
	(i) Gross direct, indirect and synthetic holdings in banking/trading books including qualifying offsetting short positions	<input type="text"/>	
	(ii) Underwriting positions held for more than five working days	<input type="text"/>	
	(iii) Maximum amount that could be paid out on guarantees or capital enhancements arising from capital support provided to financial institutions	<input type="text"/>	
	of which: ordinary share holdings of unconsolidated financial institutions incorporated in Singapore	<input type="text"/>	
	10% of common equity pursuant to paragraph 6.1.3(o)(i)	<input type="text"/>	
	Total capital holdings in excess of 10% of common equity	<input type="text"/>	
	Proportion of ordinary share holdings to total capital holdings	<input type="text"/>	
19	Investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries) (amount above 10% threshold)	<input type="text"/>	<input type="text"/>
	Investments in aggregate	<input type="text"/>	
	(i) Gross direct, indirect and synthetic holdings in banking/trading books including qualifying offsetting short positions	<input type="text"/>	
	(ii) Underwriting positions held for more than five working days	<input type="text"/>	
	(iii) Maximum amount that could be paid out on guarantees or capital enhancements arising from capital support provided to financial institutions	<input type="text"/>	
	10% of common equity pursuant to paragraph 6.1.3(p)(i)	<input type="text"/>	
20	Mortgage servicing rights (amount above 10% threshold)	<input type="text"/>	<input type="text"/>
21	Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	<input type="text"/>	<input type="text"/>
22	Amount exceeding the 15% threshold	<input type="text"/>	
23	of which: investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)	<input type="text"/>	
24	of which: mortgage servicing rights	<input type="text"/>	
25	of which: deferred tax assets arising from temporary differences	<input type="text"/>	
25A	15% of CET1 Capital	<input type="text"/>	

26 National specific regulatory adjustments	<input type="text"/>	
26A PE/VC investments held beyond the relevant holding periods set out in MAS Notice 630	<input type="text"/>	<input type="text"/>
26B Capital deficits in subsidiaries and associates that are regulated financial institutions	<input type="text"/>	<input type="text"/>
26C Any other items which the Authority may specify	<input type="text"/>	
27 Regulatory adjustments applied in calculation of CET1 Capital due to insufficient AT1 Capital to satisfy required deductions	<input type="text"/>	
28 Total regulatory adjustments to CET1 Capital	<input type="text"/>	
29 Common Equity Tier 1 capital (CET1)	<input type="text"/>	
<u>Additional Tier 1 capital: instruments</u>		
30 AT1 capital instruments and share premium (if applicable)	<input type="text"/>	
31 of which: classified as equity under the Accounting Standards	<input type="text"/>	
32 of which: classified as liabilities under the Accounting Standards	<input type="text"/>	
33 Transitional: Ineligible capital instruments (pursuant to paragraphs 6.5.3 and 6.5.4)	<input type="text"/>	
34 AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion	<input type="text"/>	
35 of which: instruments issued by subsidiaries subject to phase out	<input type="text"/>	
36 Additional Tier 1 capital before regulatory adjustments	<input type="text"/>	
<u>Additional Tier 1 capital: regulatory adjustments</u>		
37 Investments in own AT1 capital instruments	<input type="text"/>	
of which: Direct investments, net of qualifying short positions	<input type="text"/>	
of which: Indirect investments, net of qualifying short positions	<input type="text"/>	
38 Reciprocal cross-holdings in AT1 capital instruments of financial institutions	<input type="text"/>	
39 Investments in AT1 capital instruments of unconsolidated financial institutions in which Reporting Bank does not hold a major stake	<input type="text"/>	
(i) AT1 capital instrument holdings of unconsolidated financial institutions incorporated in Singapore	<input type="text"/>	
(ii) Total capital holdings in excess of 10% common equity	<input type="text"/>	
(iii) Proportion of AT1 capital instrument holdings to total capital holdings	<input type="text"/>	
40 Investments in AT1 capital instruments of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)	<input type="text"/>	<input type="text"/>
(i) Gross direct, indirect and synthetic holdings in banking/trading books including qualifying offsetting short positions	<input type="text"/>	
(ii) Underwriting positions held for more than five working days	<input type="text"/>	
41 National specific regulatory adjustments	<input type="text"/>	
41A Any other items which the Authority may specify	<input type="text"/>	
41B Regulatory adjustments applied to AT1 Capital in respect of amounts subject to pre-Basel III treatment	<input type="text"/>	
of which:		
(i) Goodwill, net of associated deferred tax liability	<input type="text"/>	
(ii) Intangible assets, net of associated deferred tax liability	<input type="text"/>	
(iii) Deferred tax assets that rely on future profitability	<input type="text"/>	
(iv) Cash flow hedge reserve	<input type="text"/>	
(v) Increase in equity resulting from securitisation transactions	<input type="text"/>	
(vi) Unrealised fair value gains/losses on financial liabilities and derivative liabilities arising from changes in own credit risk	<input type="text"/>	
(vii) Shortfall of TEP relative to EL under IRBA	<input type="text"/>	
(viii) PE/VC investments held beyond the relevant holding periods set out in MAS Notice 630	<input type="text"/>	
(ix) Capital deficits in subsidiaries and associates that are regulated financial institutions	<input type="text"/>	
(x) Investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)	<input type="text"/>	
(xi) Investments in Tier 2 capital instruments of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)	<input type="text"/>	

42 Regulatory adjustments applied in calculation of AT1 Capital due to insufficient Tier 2 Capital to satisfy required deductions		
43 Total regulatory adjustments to Additional Tier 1 capital		
44 Additional Tier 1 capital (AT1)		
45 Tier 1 capital (T1 = CET1 + AT1)		
<u>Tier 2 capital: instruments and provisions</u>		
46 Tier 2 capital instruments and share premium (if applicable)		
47 Transitional: Ineligible capital instruments (pursuant to paragraphs 6.5.3 and 6.5.4)		
48 Tier 2 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion		
49 of which: instruments issued by subsidiaries subject to phase out		
50 Provisions		
51 Tier 2 capital before regulatory adjustments		
<u>Tier 2 capital: regulatory adjustments</u>		
52 Investments in own Tier 2 Instruments		
of which: Direct investments, net of qualifying short positions		
of which: Indirect investments, net of qualifying short positions		
53 Reciprocal cross-holdings in Tier 2 capital instruments of financial institutions		
54 Investments in Tier 2 capital instruments of unconsolidated financial institutions in which Reporting Bank does not hold a major stake		
(i) Tier 2 capital instrument holdings of unconsolidated financial institutions incorporated in Singapore		
(ii) Total capital holdings in excess of 10% common equity		
(iii) Proportion of Tier 2 capital instrument holdings to total capital holdings		
55 Investments in Tier 2 capital instruments of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)		
(i) Gross direct, indirect and synthetic holdings in banking/trading books including qualifying offsetting short positions		
(ii) Underwriting positions held for more than five working days		
56 National specific regulatory adjustments		
56A Any other items which the Authority may specify		
56B Regulatory adjustments applied to Tier 2 Capital in respect of amounts subject to pre-Basel III treatment		
of which:		
(i) Shortfall of TEP relative to EL under IRBA		
(ii) PE/VC investments held beyond the relevant holding periods set out in MAS Notice 630		
(iii) Capital deficits in subsidiaries and associates that are regulated financial institutions		
(iv) Investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)		
(vii) Investments in AT1 capital instruments of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)		
57 Total regulatory adjustments to Tier 2 capital		
58 Tier 2 capital (T2)		
59 Total capital (TC = T1 + T2)		
60 Total risk weighted assets after floor adjustment		
<u>Capital ratios (as a percentage of risk weighted assets)</u>		
61 Common Equity Tier 1 CAR		
62 Tier 1 CAR		
63 Total CAR		
64 Bank-specific buffer requirement		
65 of which: capital conservation buffer requirement		
66 of which: bank specific countercyclical buffer requirement		
67 of which: G-SIB buffer requirement (if applicable)		
68 Common Equity Tier 1 available to meet buffers		

National minima

69 Minimum CET1 CAR

70 Minimum Tier 1 CAR

71 Minimum Total CAR

Amounts below the thresholds for deduction (before risk weighting)

72 Investments in ordinary shares, AT1 capital and Tier 2 capital of unconsolidated financial institutions in which the bank does not hold a major stake

73 Investments in ordinary shares of unconsolidated financial institutions in which Reporting Bank holds a major stake approved under s32 of Banking Act (incl insurance subsidiaries)

74 Mortgage servicing rights (net of related tax liability)

75 Deferred tax assets arising from temporary differences (net of related tax liability)

Applicable caps on the inclusion of provisions in Tier 2

76 Provisions eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap)

77 Cap on inclusion of provisions in Tier 2 under standardised approach

78 Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)

79 Cap for inclusion of provisions in Tier 2 under internal ratings-based approach

PE/VC investments and investments in unconsolidated major stake companies that are not financial institutions

80 Portion of Reporting Bank's individual PE/VC investments and investments in unconsolidated major stake companies that are not financial institutions and exceed 15% of Eligible Total Capital

80A of which: PE/VC investments

80B of which: Investments in unconsolidated major stake companies that are not financial institutions

80C 15% of Eligible Total Capital

81 For individual PE/VC investments and investments in unconsolidated major stake companies that are not financial institutions which do not exceed 15% of Eligible Total Capital, the portion of the aggregate of such investments that exceeds 60% of Eligible Total Capital

81A 60% of Eligible Total Capital

**Capital instruments subject to phase-out arrangements
(only applicable between 1 Jan 2013 and 1 Jan 2022)**

82 Current cap on CET1 instruments subject to phase out arrangements

83 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)

83A Nominal amount of ineligible AT1 instruments as at 1 Jan 2013

84 Current cap on AT1 instruments subject to phase out arrangements

85 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)

85A Nominal amount of ineligible T2 instruments as at 1 Jan 2013

86 Current cap on T2 instruments subject to phase out arrangements

87 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)

[MAS Notice 637 (Amendment) 2017]

STATEMENT OF CET1 CAR, TIER 1 CAR AND TOTAL CAR

Name of the Reporting Bank:

Statement as at:

Scope of Reporting:

88. Capital Instruments issued by Fully-Consolidated Subsidiaries that meet Criteria for Inclusion in Regulatory Capital
(pursuant to paragraphs 6.1.4, 6.2.4, 6.2.5, 6.3.4 and 6.3.5)

(In S\$ million)

		Subsidiary 1 (Name)	Subsidiary 2 (Name)	Total (Sum across all subsidiaries)
(a)	CET1 Capital of subsidiary, net of regulatory adjustments	<input type="text"/>	<input type="text"/>	
(i)	paid-up amount, reserves, retained earnings owned by Reporting Bank, gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(ii)	paid-up amount, reserves, retained earnings owned by third party investors gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(b)	Tier 1 Capital of subsidiary, net of regulatory adjustments (after applying the provision in paragraph 6.5.3)	<input type="text"/>	<input type="text"/>	
(i)	paid-up amount, reserves, retained earnings owned by Reporting Bank, gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(ii)	paid-up amount, reserves, retained earnings owned by third party investors gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(c)	Eligible Total Capital of subsidiary, net of regulatory adjustments (after applying the provision in paragraph 6.5.3)	<input type="text"/>	<input type="text"/>	
(i)	paid-up amount, reserves, retained earnings owned by Reporting Bank, gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(ii)	paid-up amount, reserves, retained earnings owned by third party investors gross of all regulatory adjustments	<input type="text"/>	<input type="text"/>	
(d)	Total risk-weighted assets of subsidiary	<input type="text"/>	<input type="text"/>	
(e)	Consolidated risk-weighted assets attributable to the subsidiary	<input type="text"/>	<input type="text"/>	
(f)	CET1 Capital			
(i)	Surplus CET1 Capital	86(a) - 9% x lower of 86(d) and 86(e)	<input type="text"/>	<input type="text"/>
(ii)	Surplus CET1 Capital attributable to third party investors	86(f)(i) x 86(a)(ii)/[sum of 86(a)(i) and 86(a)(ii)]	<input type="text"/>	<input type="text"/>
(iii)	CET1 capital held by third party investors less surplus attributable to third party investors	86(a)(ii) - 86(f)(ii)	<input type="text"/>	<input type="text"/>
(g)	Tier 1 Capital			
(i)	Surplus Tier 1 Capital	86(b) - 10.5% x lower of 86(d) and 86(e)	<input type="text"/>	<input type="text"/>
(ii)	Surplus Tier 1 Capital attributable to third party investors	86(g)(i) x 86(b)(ii)/[sum of 86(b)(i) and 86(b)(ii)]	<input type="text"/>	<input type="text"/>
(iii)	Tier 1 capital held by third party investors less surplus attributable to third party investors	86(b)(ii) - 86(g)(ii)	<input type="text"/>	<input type="text"/>
(h)	Eligible Total Capital			
(i)	Surplus Eligible Total Capital	86(c) - 12.5% x lower of 86(d) and 86(e)	<input type="text"/>	<input type="text"/>
(ii)	Surplus Eligible Total Capital attributable to third party investors	86(h)(i) x 86(c)(ii)/[sum of 86(c)(i) and 86(c)(ii)]	<input type="text"/>	<input type="text"/>
(iii)	Total capital held by third party investors less surplus attributable to third party investors	86(c)(ii) - 86(h)(ii)	<input type="text"/>	<input type="text"/>
(i)	CET1 Capital of subsidiary to be included in consolidated CET1 Capital	86(f)(iii)	<input type="text"/>	<input type="text"/>
(j)	Tier 1 Capital of subsidiary to be included in consolidated AT1 Capital	86(g)(iii) - 86(i)	<input type="text"/>	<input type="text"/>
(k)	Eligible Total Capital of subsidiary to be included in consolidated Tier 2 Capital	86(h)(iii) - 86(i) - 86(j)	<input type="text"/>	<input type="text"/>

[MAS Notice 637 (Amendment) 2016]

Part B: Capital Floors where a Reporting Bank has adopted the IRBA**Solo**
(In S\$ million)**Group**

1. Approach used for Capital Floor Calculation	<input type="text" value="Basel I / Current SA"/>	
Basel I means the rules in MAS Notice 637 in force immediately before 1 Jan 2008		
Current SA means the approach described in paragraph 5.1.3A		
2. Adjustment factor (%)	<input type="text"/>	
3. Capital Resources Requirement using approach used for capital floors		
Total Capital Resources Requirement x adjustment factor	<input type="text"/>	<input type="text"/>
(i) 10% of the RWA calculated using approach used for capital floors	<input type="text"/>	<input type="text"/>
(ii) Adjustments for deductions and provisions referred to in paragraph 5.1.6(a) or (b), as the case may be	<input type="text"/>	<input type="text"/>
(iii) Total Capital Resources Requirement (i) + (ii)	<input type="text"/>	<input type="text"/>
4. Capital Resources Requirement using rules in this Notice		
Total Capital Resources Requirement	<input type="text"/>	<input type="text"/>
(i) 10% of the RWA calculated using rules in this Notice	<input type="text"/>	<input type="text"/>
(ii) Regulatory adjustments in CET1, AT1 Capital and Tier 2 Capital referred to in MAS Notice 637, Part V, paragraph 5.1.6(b)	<input type="text"/>	<input type="text"/>
Where the amount calculated under item 3 is higher than the amount calculated under item 4, the Reporting Bank shall include a floor adjustment to RWA in item 4 of Part C, in accordance with paragraph 5.1.3C.		

Part C: Total Risk Weighted Assets**Solo**
(In S\$ million)**Group**

1. Credit RWA		
calculated under the		
(a) SA(CR), SA(EQ), SA(SE)	<input type="text"/>	<input type="text"/>
(b) IRBA, IRBA(EQ), IRBA(SE)	<input type="text"/>	<input type="text"/>
(c) CVA RWA	<input type="text"/>	<input type="text"/>
(d) CCP RWA	<input type="text"/>	<input type="text"/>
(e) RWA pursuant to paragraph 6.1.3(p)(iii)	<input type="text"/>	<input type="text"/>
Total Credit RWA	<input type="text"/>	<input type="text"/>
2. Market RWA		
calculated under the		
(a) SA(MR)	<input type="text"/>	<input type="text"/>
(b) IMA	<input type="text"/>	<input type="text"/>
Total Market RWA	<input type="text"/>	<input type="text"/>
3. Operational RWA		
calculated under the		
(a) BIA	<input type="text"/>	<input type="text"/>
(b) SA(OR)	<input type="text"/>	<input type="text"/>
(c) ASA	<input type="text"/>	<input type="text"/>
(d) AMA	<input type="text"/>	<input type="text"/>
Total Operational RWA	<input type="text"/>	<input type="text"/>
4. Total RWA		
(a) Total RWA before floor adjustment	<input type="text"/>	<input type="text"/>
(b) Floor adjustment to RWA (if any)	<input type="text"/>	<input type="text"/>
(c) Total RWA after floor adjustment	<input type="text"/>	<input type="text"/>

”; and

(b) by deleting Schedule 3-1D of Annex 12C and substituting the following Schedule:

“

MAS NOTICE 637: MARKET RISK REPORTING SCHEDULES
SCHEDULE 3-1D

Annex 12C

SA(MR) - FOREIGN EXCHANGE RISK

Name of the Reporting Bank:
Statement as at:
Scope of Reporting:

1. Foreign Exchange Positions

S\$ Equivalent of Foreign Currency (S\$ million)

Currencies / Gold	Structural FX positions excluded under paragraph 8.1.21 of MAS 637	Long Position net of structural FX positions excluded under paragraph 8.1.21 of MAS 637	Short Position net of structural FX positions excluded under paragraph 8.1.21 of MAS 637
Australian Dollars	<input type="text"/>	<input type="text"/>	<input type="text"/>
Canadian Dollars	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chinese Renmibi	<input type="text"/>	<input type="text"/>	<input type="text"/>
Danish Kronor	<input type="text"/>	<input type="text"/>	<input type="text"/>
Euro	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hong Kong Dollar	<input type="text"/>	<input type="text"/>	<input type="text"/>
Indian Rupee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Indonesian Rupiah	<input type="text"/>	<input type="text"/>	<input type="text"/>
Japanese Yen	<input type="text"/>	<input type="text"/>	<input type="text"/>
Korean Won	<input type="text"/>	<input type="text"/>	<input type="text"/>
Malaysia Ringgit	<input type="text"/>	<input type="text"/>	<input type="text"/>
New Taiwan Dollars	<input type="text"/>	<input type="text"/>	<input type="text"/>
New Zealand Dollars	<input type="text"/>	<input type="text"/>	<input type="text"/>
Norwegian Krone	<input type="text"/>	<input type="text"/>	<input type="text"/>
Philippines Peso	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pound Sterling	<input type="text"/>	<input type="text"/>	<input type="text"/>
Saudi Arabian Riyal	<input type="text"/>	<input type="text"/>	<input type="text"/>
Swedish Kroner	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sri Lanka Rupee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Swiss Franc	<input type="text"/>	<input type="text"/>	<input type="text"/>
Thai Baht	<input type="text"/>	<input type="text"/>	<input type="text"/>
United States Dollars	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Material Currencies (Please specify and itemise)	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Non-Material Currencies	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sum of Net Long Positions / Sum of Net Short Positions	<input type="text"/>	<input type="text"/>	<input type="text"/>
Net Position in Foreign Exchange (Higher of sum of net long positions or sum of net short positions)	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Gold Position			
Net Exposure in Gold	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. Foreign Exchange and Gold Positions			
Net Exposure in Foreign Exchange and Gold	A+B	<input type="text"/>	<input type="text"/>
Risk Charge		8%	<input type="text"/>
4. Foreign Exchange and Gold Positions Capital Requirement	Cx8%	<input type="text"/>	<input type="text"/>
5. Additional Capital Requirement for Options			
Simplified Method		<input type="text"/>	<input type="text"/>
Delta-Plus Method - Capital Requirement for Gamma Risk and Vega Risk		<input type="text"/>	<input type="text"/>
Scenario Approach		<input type="text"/>	<input type="text"/>
Additional Capital Requirement for Options	E or F or G	<input type="text"/>	<input type="text"/>
6. Total Capital Requirement for Foreign Exchange Risk (General Market Risk)	D+H	<input type="text"/>	<input type="text"/>

[MAS Notice 637 (Amendment) 2017]

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5 This Notice shall take effect immediately.