

MUFG Alternative Fund Services (Cayman) Limited

**PILLAR 3 - Market Discipline Disclosure Requirements**



Reporting Date:	June-30-2023
Reporting Year	2023
Reporting Period	Quarter 2
Reporting Frequency	Semi-Annual
Reporting Type	Consolidated
Submission Type	Regulatory Reporting
Submission Target Date:	September-30-2023

Prepared by:	Banking Risk
Authorized Signatory:	MAFS Cayman Board of Directors
Approved By:	MAFS Cayman Risk Committee

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**OV1 - Overview of RISK WEIGHTED ASSETS (RWA)**

Purpose: Overview of the Risk Weighted Assets of the Bank

Scope of application: Mandatory

Content: Risk-weighted assets and capital requirements under Pillar 1.

Frequency: Quarterly

Reporting Format: Fixed

Accompanying narrative: Identify and explain the drivers behind differences in reporting periods T (current Pillar 3 reporting period) and T-1 (previous Pillar 3 reporting period) where these differences are significant.

Row Index	Description	a	b	c
		RWA (In USD 000's)		Minimum Capital Requirements (In USD 000's)
		Jun-30-2023	Mar-31-2023	Jun-30-2023
1	Credit risk (excluding counterparty credit risk) [standardised approach (SA)]	2,707,166	2,692,598	270,717
2	Counterparty credit risk			
3	Of which: standardised approach	334,967	183,801	33,497
4	Of which: other CCR			
5	Credit valuation adjustment (CVA)	0	0	
6	Equity positions under the simple risk weight approach	0	0	
7	Equity investments in funds – look-through approach	0	0	
8	Equity investments in funds – mandate-based approach	0	0	
9	Equity investments in funds – fall-back approach	0	0	
10	Settlement risk	0	0	
11	Securitisation exposures in banking book (SA)	0	0	
12	Market risk	484	430	48
13	Capital charge for switch between trading book and banking book	0	0	
14	Operational risk	280,641	280,641	28,064
15	Amounts below the thresholds for deduction (subject to 250% risk weight)	0	0	
16	Floor adjustment	0	0	
17	<b>Total:</b>	<b>3,323,259</b>	<b>3,157,471</b>	<b>332,326</b>

Total Risk Weighted Assets (RWA) was reported at USD 3.323 Billion for MUFG AFS Cayman Ltd as of Jun 30, 2023. Credit Risk charge was reported at 81.5% of the Total RWA , primarily attributed to Overnights and (USD/EUR) term deposit placements (maximum 1 year) with counterparty banks and from the credit assets from the banks overdraft lending facilities(credit facilities) to its fund administration clients. Counterparty Credit Risk(CCR) Charge was reported at 10.08% of the Total RWA. CCR is attributed mainly to the Foreign exchange derivatives (FX Forward positions) that the bank places on behalf of its participating clients, as a part of its foreign exchange hedging services and the swap positions (riskless principal trading) on USD/EUR currency exposures. Operational Risk charges reported at 8.44 % of the Total RWA, is at annualized figure under the basic indicator approach. Market Risk (Foreign Exchange Risk) is reported at a minor 0.01% of the Total RWA as of Jun 30 ,2023. The Market risk charges are calculated for its net open FX positions (Long or Short Positions) on balance sheet assets and liabilities.

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**CAP: Details on the bank's capital, including specific capital instruments**

Purpose: Provide details on the bank's capital, including specific capital instruments.

Scope of application: Mandatory

Content: Quantitative and qualitative information.

Frequency: Semi-Annual

Format: Flexible. Banks can present this disclosure in a format of their preference.

Required to update these disclosures whenever a new capital instrument is issued and included in capital and whenever there is a redemption, conversion/write-down or other material change in the nature of an existing capital instrument.

**TABLE 1 : SCOPE**

Qualitative Disclosures	(a)	MUFG Alternative Funds Services Cayman Limited (MAFS Cayman).
	(b)	<p>MAFS Cayman was incorporated in the Cayman Islands as a resident company on 1 September 1972 as Swiss Bank &amp; Trust Corporation Limited. On 1 July 1998 it was renamed to UBS (Cayman Islands) Ltd. and again to UBS Fund Services (Cayman) Ltd. on 2 January 2003. On 11 December 2015, the company was sold by UBS AG to the MUFG Group, and it was renamed to MUFG Alternative Fund Services (Cayman) Limited. MAFS Cayman holds a Category "A" Banking and Trust license with the Cayman Islands Monetary Authority ("CIMA"). MAFS Cayman provides fund administration and fund financing services and provides short-term lending facilities and FX hedging services.</p> <p>MAFS Cayman has the following five wholly owned subsidiaries that are domiciled in Cayman Islands as ordinary exempted companies:</p> <ul style="list-style-type: none"> <li>i. Firtown International Holdings Limited</li> <li>ii. MUFG Controlled Subsidiary 1 (Cayman) Limited</li> <li>iii. AFS Controlled Subsidiary 1 Limited</li> <li>iv. AFS Controlled Subsidiary 2 Limited</li> <li>v. AFS Controlled Subsidiary 3 Limited</li> </ul> <p>Firtown International Holdings Limited is a real estate company which owns the land and building currently occupied by MAFS Cayman. General Secretaries Limited is a Trust Nominee Licensee which provides nominee services. AFS Controlled Subsidiary 1 Limited, AFS Controlled Subsidiary 2 Limited, and AFS Controlled Subsidiary 3 Limited were created to provide trustee services to hedge fund clients administered by MAFS Cayman.</p> <p>The Bank's Capital figures are consolidated figures for all entities listed above and domiciled in the Cayman Islands. There are no differences noted in consolidation of Capital for accounting and regulatory reporting purposes.</p>
	(c)	No restrictions, or other major impediments, on transfer of funds or regulatory capital within the group is noted.
	(d)	The aggregate amount of surplus capital of insurance subsidiaries (whether deducted or subjected to an alternative method) included in the capital of the consolidated group – <b>Not Applicable</b> .
Quantitative Disclosures	(e)	The aggregate amount of capital deficiencies in all subsidiaries not included in the consolidation i.e., that are deducted and the name(s) of such subsidiaries – <b>Not Applicable</b> .
	(f)	The aggregate amounts (e.g., current book value) of the firm's total interests in insurance entities, which are risk-weighted rather than deducted from capital or subjected to an alternate group-wide method, as well as their name, their country of incorporation or residence, the proportion of ownership interest and, if different, the proportion of voting power in these entities. In addition, indicate the quantitative impact on regulatory capital of using this method versus using the deduction or alternate group-wide method – <b>Not Applicable</b>

**TABLE 2 : CAPITAL STRUCTURE**

Qualitative Disclosures	(a)	As of June 30, 2023, the authorized share capital of the company is 5,000,000 ordinary shares valued at USD 1.25 per share (KYD 1.00), par value of which 4,500,000 shares have been fully issued and paid.			
		<p>On February 12, 2021, and August 31, 2021 the company received the amounts of USD 300 million and USD 2 million respectively by way of additional paid-in-capital on the existing shares held, from the parent company (MUTB). The additional capital was provided to fund the expansion of the banking business of the company. The company declared and paid dividends of USD 2 million to its parent company MUTB, during 2022.</p> <p>The company manages its capital structure and adjusts it considering changes in economic conditions and the risk characteristics of its activities. To maintain and or adjust the capital structure, the company may adjust the amount of dividend payment to its shareholders, return capital to its shareholders or apply for qualifying subordinated debt.</p>			
Quantitative Disclosures			No of Shares	Value per Share	Amount (In USD '000s) Jun-30-2023
		Share Capital	4,500,000	1.25	5,625
		Additional Paid In Capital:			468,500
		Total Paid Up capital:			474,125
		Share premium			0
		Retained earnings (Less: Dividends paid)			258,283
		Current year's earnings (audited)			0

	General reserves			0
(b)	Foreign currency translation adjustment			0
	Paid-up perpetual non-cumulative preference shares			0
	Eligible innovative instruments			0
	Minority interest			0
	Other Tier 1 Capital			0
	<b>Total Tier 1 Capital:</b>			<b>732,408</b>
	Deductions from Tier 1 Capital:			0
	Other upper tier 2 investments			47,376
	<b>Total Tier 2 Instruments</b>			<b>779,784</b>
(c)	As of Jun 30, 2023 the bank does not hold any Tier 2 and Tier 3 Capital. Unaudited YTD earnings (USD 47.4 Million) is attributed to Tier 2 Capital as of Jun 30, 2023.			
(d)	No deductions from Capital are applied.			
(e)	<b>Total eligible capital of USD 779.8 Million is reported as of Jun 30, 2023.</b>			

**TABLE 3 : CAPITAL ADEQUACY**

Qualitative Disclosures	(a)	<p>MAFS Cayman's capital adequacy assessment can be described at two levels of monitoring and assessment conducted periodically by the bank:</p> <p>1. The Bank assesses its capital adequacy ratio on a monthly basis and provides reporting to its Risk Committee and executive management as directed under its capital management policy and procedures. The Board of Directors are notified on a quarterly basis. The Bank's capital management policy and procedures articulate the following framework in which the bank shall assess its capital requirements:</p> <ul style="list-style-type: none"> <li>The Bank shall at all times maintain a CAR of more than 10%.</li> <li>The Bank shall at all times maintain a leverage ratio of more than 3%.</li> <li>The Bank shall at all times calculate and maintain an Outlier Ratio, which measures the ratio of expected losses resulting from a 200-basis points interest rate shock, measured against available capital, at a maximum of 20%.</li> <li>Any large credit exposures over 25% of Capital Base (Tier 1 and Tier 2 capital) is immediately reported to the banking regulator for review and approval. All outstanding Large Exposures over 10% of Capital Base is reported quarterly to the banking regulator.</li> </ul> <p>2. The Bank conducts its Pillar 2 – Annual Internal Capital Adequacy Assessment Process (“ICAAP”) through which it examines its capital requirements proportional to its size, complexity and business strategy. At a minimum, the ICAAP must incorporate:</p> <ul style="list-style-type: none"> <li>Adequate systems and procedures to identify, measure, monitor and manage the risks arising from the Company's activities on a continuous basis to ensure that Capital is held at a level consistent with the Company's risk profile and regulatory requirements.</li> <li>A Capital management plan, consistent with the Company's overall financial (business) plan, for managing Bank's Capital levels on an ongoing basis; and</li> <li>A summary of the results of the Company's Capital Stress Test Framework. The Bank's Capital stress testing framework incorporates a scenario testing of its financial performance and capital adequacy for a forecasted period of three years, under various</li> </ul>																																																																																																																																																							
	(b)	<p>Capital requirements for Credit Risk (As of Jun 30, 2023):</p> <table border="1"> <thead> <tr> <th colspan="7">CREDIT RISK: (Amounts in USD 000s)</th> </tr> <tr> <th></th> <th>Gross Exposures</th> <th>CRM Adjustments</th> <th>Net Exposure</th> <th>CCF</th> <th>Risk Weights</th> <th>RWA</th> </tr> </thead> <tbody> <tr> <td>A. Cash Items</td> <td>115,62979</td> <td></td> <td>116</td> <td></td> <td>0%</td> <td>\$0</td> </tr> <tr> <td>B. Claims on Sovereigns</td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0%</td> <td>\$0</td> </tr> <tr> <td>C. Claims on Non-Central Government PSEs</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>D. Claims on Multilateral Development Banks</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>E. Claims on Banks and Security Firms</td> <td>350,000</td> <td></td> <td>350,000</td> <td></td> <td>50%</td> <td>175,000</td> </tr> <tr> <td>E 1. Short Term Claims</td> <td>3,573,905</td> <td>-663,650</td> <td>2,910,255</td> <td></td> <td>20%</td> <td>582,051</td> </tr> <tr> <td>F. Claims on Corporates and Security Firms</td> <td>951,587</td> <td></td> <td>951,587</td> <td></td> <td>100%</td> <td>951,587</td> </tr> <tr> <td>G. Claims on Short Term Issue Specific</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>H. Claims on Retail Portfolio</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>I. Claims secured by Residential Property</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>J. Claims secured by Commercial Real Estate</td> <td>3,283</td> <td></td> <td>3,283</td> <td></td> <td>100%</td> <td>3,283</td> </tr> <tr> <td>K. Claims secured on Higher Risk Categories &amp; Other Assets</td> <td>178,137</td> <td></td> <td>178,137</td> <td></td> <td>100%</td> <td>178,137</td> </tr> <tr> <td>L. Past Due Exposures</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>TOTAL ON-BALANCE SHEET CREDIT RISK:</b></td> <td><b>5,057,028</b></td> <td><b>-663,650</b></td> <td><b>4,393,378</b></td> <td></td> <td></td> <td><b>1,890,058</b></td> </tr> <tr> <td>Total Non-Retail Exposures:</td> <td>3,638,352</td> <td></td> <td>3,638,352</td> <td>20%</td> <td>100%</td> <td>727,670</td> </tr> <tr> <td></td> <td>178,874</td> <td></td> <td>178,874</td> <td>50%</td> <td>100%</td> <td>89,437</td> </tr> <tr> <td>Counterparty Credit Exposures (FX):</td> <td>163,851</td> <td>0</td> <td>163,851</td> <td></td> <td>20%</td> <td>32,770</td> </tr> <tr> <td></td> <td>308,904</td> <td>-6,708</td> <td>302,197</td> <td></td> <td>100%</td> <td>302,197</td> </tr> <tr> <td><b>TOTAL CREDIT RISK:</b></td> <td><b>9,347,010</b></td> <td><b>-670,358</b></td> <td><b>8,676,653</b></td> <td></td> <td></td> <td><b>3,042,133</b></td> </tr> </tbody> </table> <p>The Bank's on-balance sheet credit risk assets portfolio subject to standardised approach includes the following:</p> <ul style="list-style-type: none"> <li>(i) Overnight Placements with counterparty banks (Group Banks, Affiliates and Third-party banks) [E. Claims on Banks and Security Firms]</li> <li>(ii) Term Deposits placements with group banks (USD/EUR). Less than 1 year. [E. Claims on Banks and Security Firms]</li> <li>(iii) Reverse Repurchase Investments. [E1. Short term Claims]</li> <li>(iv) Loans and Advances – Drawdowns on credit facilities offered to corporate clients. [F. Claims on Corporates and Security Firms]</li> <li>(v) Other Assets – Premises, Fixed Assets and Other Receivables.</li> </ul>						CREDIT RISK: (Amounts in USD 000s)								Gross Exposures	CRM Adjustments	Net Exposure	CCF	Risk Weights	RWA	A. Cash Items	115,62979		116		0%	\$0	B. Claims on Sovereigns	0		0		0%	\$0	C. Claims on Non-Central Government PSEs							D. Claims on Multilateral Development Banks							E. Claims on Banks and Security Firms	350,000		350,000		50%	175,000	E 1. Short Term Claims	3,573,905	-663,650	2,910,255		20%	582,051	F. Claims on Corporates and Security Firms	951,587		951,587		100%	951,587	G. Claims on Short Term Issue Specific							H. Claims on Retail Portfolio							I. Claims secured by Residential Property							J. Claims secured by Commercial Real Estate	3,283		3,283		100%	3,283	K. Claims secured on Higher Risk Categories & Other Assets	178,137		178,137		100%	178,137	L. Past Due Exposures							<b>TOTAL ON-BALANCE SHEET CREDIT RISK:</b>	<b>5,057,028</b>	<b>-663,650</b>	<b>4,393,378</b>			<b>1,890,058</b>	Total Non-Retail Exposures:	3,638,352		3,638,352	20%	100%	727,670		178,874		178,874	50%	100%	89,437	Counterparty Credit Exposures (FX):	163,851	0	163,851		20%	32,770		308,904	-6,708	302,197		100%	302,197	<b>TOTAL CREDIT RISK:</b>	<b>9,347,010</b>	<b>-670,358</b>	<b>8,676,653</b>		
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The Bank's off-balance sheet credit risk assets include the following:  
 (i) Undrawn Committed Facilities. [Total Non-Retail Exposures]  
 (ii) Counterparty Credit Risk from – OTC Foreign Exchange Forward Derivatives. [ Counterparty Credit Exposures (FX)]

• The Bank or its subsidiaries does not act as an originator or as a sponsor to any securitization vehicle(s) and has no securitization exposures through investments.

**Capital requirements for Market Risk:**

• Standardised Approach.

MARKET RISK: (Amounts in USD 000s)		Net Exposure	Risk Weight	RWA	Capital Requirements
T.FX & Gold		\$214	8%	\$484	\$39
U. Commodities					
V. Interest Rate Risk Maturity Method					
W. Interest Rate Risk Duration Method					
X. Equities					
Y. Correlation Trading Portfolio					
<b>TOTAL MARKET RISK:</b>		\$214		\$484	\$39

(c)

- (i) Foreign Exchange Risk: The Bank assesses its foreign exchange risk from its currency positions on its balance sheet (including contingent assets/liabilities) under the standardised approach as follows:
  - A. For all currencies (other than USD), the sum of net long and short positions are derived from the balance sheet including contingent assets and liabilities (FX Forwards Derivative Positions).
  - B. A higher of the Aggregate Net short/long open positions is considered to the net exposure. Risk weight of 8% is applied.
- (ii) Interest rate Risk (Maturity Method): MAFS Cayman does not have a trading book and does not issue or hold any interest-bearing financial instruments for sale or trading purposes i.e., all interest-bearing assets are held to maturity. The Bank is engaged in the following investing activities through its banking book:
  - a) Investments into certificate of deposits less than 1 year (USD/EUR) with its affiliate' banking partners and held to maturity.
  - b) Reverse repurchase agreements secured by tradable collateral/securities through a securities lending service provided by MUTB, NY, and subject to daily reset of rates (OBFR).
  - c) May periodically invest in US Treasury Bills and Notes and held to maturity.
- (iii) Interest rate Risk (Duration Method): The Bank has no interest rate exposure on its lending book as the bank's deposits and loans are benchmarked against OBFR/SOFR rates that are both reset (repriced) daily.
- (iv) The bank notes no market risks from commodities, equities, and other co-related trading portfolios.

**Capital requirements for Operational Risk:**

• Basic Indicator Approach (BIA).

OPERATIONAL RISK: (Amounts in USD 000s)		Gross Income (Revenue)			Weight	Weighted Income			Weighted Average	RWA
		2020	2021	2022		2020	2021	2022		
	Fund Financing (Asset Management)	122,969	147,571	178,486	15%	18,445	22,136	26,772	22,451	280,641

The Bank's capital requirements for Operational Risk Charge as of Jun 30,2023 is reported at USD 28.06 million. The weighted average figure of USD 22.5 million is divided by the Risk weight (8%) to arrive at the RWA for Operational Risk under BIA. The revenue figures used are from the

**Total and Tier 1 Capital Ratio:**

(e)

A Total Capital of USD 779.8 million is reported for MAFS Cayman (and its subsidiaries) as of Jun 30, 2023.  
 The Consolidated Total Tier 1 Capital Ratio is reported at 22.04 % as of Jun 30, 2023. The Total Capital Adequacy Ratio (CAR) is reported at 23.46%

## MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED

### CR1: Credit Quality of Assets

Purpose: Provide a comprehensive picture of the credit quality of a bank's (on- and offbalance sheet) assets.

Scope of application: Mandatory

Frequency: Semi-Annual

Format: Fixed. A more granular breakdown of asset classes is optional but rows 1 to 4 as defined below are mandatory.

Accompanying narrative: Include the definition of default in an accompanying narrative.

Row Index	Description	a	b	c	d
		Gross carrying values of:		Allowances/ impairments	Net values (a+b-c)
		Defaulted exposures	Non-defaulted exposures		
		<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>
	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	
1	Loans	\$0	\$951,587	\$0	\$951,587
2	Debt Securities	\$0	\$0	\$0	\$0
3	Off-balance sheet exposures	\$0	\$3,817,227	\$0	\$3,817,227
4	<b>Total</b>	<b>\$0</b>	<b>\$4,768,814</b>	<b>\$0</b>	<b>\$4,768,814</b>

As of Jun 30, 2023, the Bank held USD 951 Million in loans and advances, drawdowns on it credit facilities.

The bank held USD 950 Million in drawdowns on committed facilities and USD 1.2 Million in drawdowns on uncommitted facilities as of Jun 30, 2023. The Off-Balance sheet assets of USD 3.817 Billion represent the undrawn portion of the committed credit facilities.

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**CR2: Changes in stock of defaulted loans and debt securities**

Purpose: Identify the changes in a bank’s stock of defaulted exposures, the flows between non-defaulted and defaulted exposure categories and reductions in the stock of defaulted exposures due to write-offs.

Scope of application: Mandatory

Content: Carrying values.

Frequency: Semi-Annual

Format: Fixed

Accompanying narrative: Banks are expected to explain the drivers of any significant changes in the amounts of defaulted exposures from the previous reporting period and any significant movement between defaulted and non-defaulted loans.

Row Index	Description	a
		Amount (In USD '000s') Jun-30-2023
1	Defaulted loans and debt securities at end of the previous reporting period	0
2	Loans and debt securities that have defaulted since the last reporting period	0
3	Returned to non-defaulted status	0
4	Amounts written off	0
5	Other changes	0
6	<b>Defaulted loans and debt securities at end of the reporting period (1+2-3-4±5)</b>	<b>0</b>

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**

**CR3: Credit Risk Mitigation Techniques – Overview**

**CREDIT RISK MITIGATION**

Purpose: Disclose the extent of use of CRM techniques.

Scope of application: Mandatory

Content: Carrying values. Banks must include all CRM techniques used to reduce capital requirements and disclose all secured exposures.

Frequency: Semi-Annual

Format: Fixed. Where banks are unable to categorise exposures secured by collateral, financial guarantees or credit derivative into “loans” and “debt securities”, they can either (i) merge two corresponding cells, or (ii) divide the amount by the pro-rata weight of gross carrying values; they must explain which method they have used.

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant changes over the reporting period and the key drivers of such changes.

Row Index	Description	a	b	c	d	e	f	g
		Exposures unsecured: carrying amount	Exposures secured by collateral	Exposures secured by collateral, of which: secured amount	Exposures secured by financial guarantees	Exposures secured by financial guarantees, of which: secured amount	Exposures secured by credit derivatives	Exposures secured by credit derivatives, of which: secured amount
		<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>
		<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>
1	Loans	\$951,587	\$0	\$0	\$0	\$0	\$0	\$0
2	Debt securities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Total	<b>\$951,587</b>	<b>\$0</b>	\$0	\$0	\$0	\$0	\$0
4	Of which defaulted	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**

**CR4: Standardised Approach – Credit Risk Exposure and CRM effects**

**CREDIT RISK MITIGATION**

Purpose: Illustrate the effect of CRM (comprehensive and simple approach) on standardised approach capital requirements' calculations. RWA density provides a synthetic metric on riskiness of each portfolio.

Scope of application: Mandatory

Content: Regulatory exposure amounts.

Frequency: Semi-Annual

Format: Fixed. The columns and rows cannot be altered.

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant change over the reporting period and the key drivers of such changes.

Row Index	Asset Classes	a	b	c	d	e	f
		Exposures before CCF and CRM		Exposures post-CCF and CRM		RWA and RWA density	
		On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA Density
		Amount (In USD '000s)	Amount (In USD '000s)	Amount (In USD '000s)	Amount (In USD '000s)	Amount (In USD '000s)	Amount (In USD '000s)
		Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023
1	Sovereigns and their central banks	0	0	0	0	0	0.00%
2	Non-central government public sector entities	0	0	0	0	0	0.00%
3	Multilateral development banks	0	0	0	0	0	0.00%
4	Banks	3,923,905	0	3,260,255	0	757,051	27.96%
5	Securities firms	0	0	0	0	0	0.00%
6	Corporates	951,587	3,817,227	951,587	817,108	1,768,695	65.33%
7	Regulatory retail portfolios	0	0	0	0	0	0.00%
8	Secured by residential property	0	0	0	0	0	0.00%
9	Secured by commercial real estate	3,283	0	3,283	0	3,283	0.12%
10	Past-due exposures	0	0	0	0	0	0.00%
11	Higher-risk categories	0	0	0	0	0	0.00%
12	Other assets	178,137	0	178,137	0	178,137	6.58%
13	Total	<b>5,056,913</b>	<b>3,817,227</b>	<b>4,393,263</b>	<b>817,108</b>	<b>2,707,166</b>	<b>100.00%</b>

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**CR5: Standardised Approach – Exposures by Asset Class and Risk**  
**CREDIT RISK MITIGATION**

Purpose: Illustrate the effect of CRM (comprehensive and simple approach) on standardised approach capital requirements' calculations. RWA density provides a synthetic metric on riskiness of each portfolio.

Scope of application: Mandatory

Content: Regulatory exposure amounts.

Frequency: Semi-Annual

Format: Fixed. The columns and rows cannot be altered.

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant change over the reporting period and the key drivers of such changes.

Row Index	Risk Weight	a	b	c	d	e	f	g	h	i	j
		0%	10%	20%	35%	50%	75%	100%	150%	Others	Total credit exposure amount (post CCF and post-CRM)
		Amount (In USD '000s')									
Asset Classes	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023	Jun-30-2023
1	Sovereigns and their central banks	0	0	0	0	0	0	0	0	0	0
2	Non-central government public sector entities	0	0	0	0	0	0	0	0	0	0
3	Multilateral development banks	0	0	0	0	0	0	0	0	0	0
4	Banks	0	0	2,910,255	0	350,000	0	0	0	0	3,260,255
5	Securities firms	0	0	0	0	0	0	0	0	0	0
6	Corporates	0	0	0	0	0	0	1,768,695	0	0	1,768,695
7	Regulatory retail portfolios	0	0	0	0	0	0	0	0	0	0
8	Secured by residential property	0	0	0	0	0	0	0	0	0	0
9	Secured by commercial real estate	0	0	0	0	0	0	3,283	0	0	3,283
10	Past-due exposures	0	0	0	0	0	0	0	0	0	0
11	Higher-risk categories	0	0	0	0	0	0	0	0	0	0
12	Other assets	0	0	0	0	0	0	178,137	0	0	178,137
13	<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,910,255</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>1,950,116</b>	<b>0</b>	<b>0</b>	<b>5,210,370</b>

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED****CCR1: Analysis of CCR exposure by approach****COUNTERPARTY CREDIT RISK**

Purpose: Provide a comprehensive view of the methods used to calculate CCR regulatory

Scope of application: Mandatory

Content: Regulatory exposures, RWA and parameters used for RWA calculations for all exposures subject to the CCR framework (excluding Credit Valuation Adjustments (CVA) charges or exposures cleared through a CCP). Banks should report information corresponding to the Current Exposures Method or the Standardised Method in row 1 or row 2, respectively.

Frequency: Semi-Annual

Format: Fixed.

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant change over the reporting period and the key drivers of such changes.

Row Index	Description	Total Replacement cost / Mark-to Market	Add-on Potential future exposure (PFE)	EAD post-CRM	RWA
		<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>	<i>Amount (In USD '000s')</i>
		<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>
1	Current Exposure Method (CEM)	172,989	299,766	466,048	334,967
2	Standardised Method			0	0
3	Simple Approach for credit risk mitigation (for SFTs)			0	0
4	Comprehensive Approach for credit risk mitigation (for SFTs)			0	0
5	Total				<b>334,967</b>

(i) The Bank reported an aggregate of USD 29.98 Billion in outstanding OTC FX Forwards Notional Amount and a replacement cost (PRV) of USD 172.99 million as of Jun 30, 2023.

(ii) Of which, the Bank reported a total of USD 6.7 million in CRM adjustments for cash collateral (variation margins and independent amount) posted by the client funds against FX notional size of USD 16.3 billion as of Jun 30,2023.

(iii) Notional Amounts reported for OTC FX Derivatives against Banking Counterparties was USD 13.7 Billion as of Jun 30,2023.

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**CCR3: CCR exposures by regulatory portfolio and risk weights**  
**COUNTERPARTY CREDIT RISK**

Purpose: Provide a breakdown of CCR exposures by portfolio (type of counterparties) and by risk weight (riskiness attributed according to the standardised approach).

Scope of application: The disclosure is mandatory for all applicable banks irrespective of the CCR approach used to determine exposure at default. If a bank deems that the information requested in this template is not meaningful to users because the exposures and RWA amounts are negligible, the bank may choose not to disclose the template. The bank is, however, required to explain in a narrative commentary why it considers the information not to be meaningful to users, including a description of the exposures in the portfolios concerned and the aggregate total of RWAs amount from such exposures.

Content: Credit exposure amounts.

Frequency: Semi-Annual

Format: Fixed.

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant changes over the reporting period and the key drivers of such changes.

Row Index	Regulatory Portfolio	a	b	c	d	e	f	g	h	i
		0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
		Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')	Amount (In USD '000s')
		<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>	<i>Jun-30-2023</i>
1	Sovereigns	0	0	0	0	0	0	0	0	0
2	Non-central government public sector entities	0	0	0	0	0	0	0	0	0
3	Multilateral development banks	0	0	0	0	0	0	0	0	0
4	Banks	0	0	163,851	0	0	0	0	0	163,851
5	Securities firms	0	0	0	0	0	0	0	0	0
6	Corporates	0	0	0	0	0	302,197	0	0	302,197
7	Regulatory retail portfolios	0	0	0	0	0	0	0	0	0
8	Other assets	0	0	0	0	0	0	0	0	0
9	Total	0	0	163,851	0	0	302,197	0	0	466,048

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**CCRS: Composition of collateral for CCR exposure**  
**COUNTERPARTY CREDIT RISK**

Purpose: Provide a breakdown of all types of collateral posted or received by banks to support or reduce the counterparty credit risk exposures related to derivative transactions or to SFTs, including transactions cleared through a CCP, if applicable.

Scope of application: Mandatory

Content: Carrying values of collateral used in derivative transactions or SFTs, whether or not the transactions are cleared through a CCP and whether or not the collateral is posted to a CCP.

Frequency: Semi-Annual

Format: Flexible (the columns cannot be altered but the rows are flexible).

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant changes over the reporting period and the key drivers of such changes.

Row Index	Description	a	b	c	d	e	f
		Collateral used in derivative transactions				Collateral used in SFTs	
		Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received	Fair value of posted collateral
		Segregated	Unsegregated	Segregated	Unsegregated		
		Amount (In USD '000s')		Amount (In USD '000s')		Amount (In USD '000s')	
Jun-30-2023		Jun-30-2023		Jun-30-2023			
1	Cash – domestic currency	0	0	0	0	0	0
2	Cash – USD	26,915	0	6,708	0	0	0
3	Cash – EUR	2,961	0	0	0	0	0
4	Cash – GBP	990	0	0	0	0	0
5	Domestic sovereign debt	0	0	0	0	0	0
6	Other sovereign debt	0	0	0	0	0	0
7	Government agency	0	0	0	0	0	0
8	Corporate bonds	0	0	0	0	0	0
9	Equity securities	0	0	0	0	0	0
10	Other collateral	0	0	0	0	0	0
11	Total	<b>30,867</b>	<b>0</b>	<b>6,708</b>	<b>0</b>	<b>0</b>	<b>0</b>

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**

**CCR6: Credit Derivatives Exposures**

**COUNTERPARTY CREDIT RISK**

Purpose: Illustrate the extent of a bank’s exposures to credit derivative transactions broken down between derivatives bought or sold.

Scope of application: Mandatory

Content: Notional derivative amounts (before any netting) and fair values.

Frequency: Semi-Annual

Format: Flexible (the columns cannot be altered but the rows are flexible).

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant changes over the reporting period and the key drivers of such changes.

Row Index	Description	a	b
		Protection Bought	Protection Sold
		Amount (in USD)	Amount (in USD)
		<i>Jun-30-2023</i>	<i>Jun-30-2023</i>
1	<b>Notionals:</b>		
2	Single-name credit default swaps	0	0
3	Index credit default swaps	0	0
4	Total return swaps	0	0
5	Credit options	0	0
6	Other credit derivatives	0	0
7	<b>Total notionals:</b>	0	0
8	<b>Fair values:</b>		
9	Positive fair value (asset)	0	0
10	Negative fair value (liability)	0	0

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED****LR1: Summary comparison of accounting assets vs leverage ratio exposure measure**

Purpose: To reconcile the total assets in the published financial statements with the leverage ratio exposure measure.

Scope of application: Mandatory

Content: Quantitative information.

Frequency: Quarterly

Format: Fixed.

Accompanying narrative: Banks are required to disclose and detail the source of material differences between their total balance sheet assets (net of on-balance sheet derivative and securities financing transaction (SFT) assets), as reported in their financial statements and their on-balance sheet exposures as set out in row 1 of Template LR2, and their leverage ratio exposure measure.

Row Index	Description	a
		Amount (In USD) Jun-30-2023
1	Total consolidated assets as per published financial statements	\$5,057,028
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	\$0
3	Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference	\$0
4	Adjustments for temporary exemption of central bank reserves (if applicable)	\$0
5	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	\$0
6	Adjustments for regular way purchases and sales of financial assets subject to trade date accounting	\$0
7	Adjustments for eligible cash pooling transactions	\$0
8	Adjustments for derivative financial instruments	\$466,048
9	Adjustment for securities financing transactions (i.e. repurchase agreements and similar secured lending)	\$0
10	Adjustment for off balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	\$817,108
11	Adjustments for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital	\$0
12	Other adjustments	\$0
13	<b>Leverage Ratio Exposure Measure</b>	<b>\$6,340,184</b>

MAFS Cayman reported a Leverage Ratio Exposure Measure of USD 6.340 Billion as of Jun 30,2023 and a total consolidated assets (net of on-balance sheet derivatives) of USD 5.057 billion. The Bank reported adjustments for off-balance sheet items converted to credit equivalent amounts (undrawn amounts from committed facilities) of USD 817 Million. The Bank reports no material differences between the total balance sheet assets as reported in the financial statements and the on-balance sheet exposures of the leverage ratio exposure measure.

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**

**LR2: Leverage Ratio Common Disclosure**

Purpose: To describe the components of the leverage ratio denominator, as well as information on the actual leverage ratio, minimum requirements and buffers.

Scope of application: Mandatory

Content: Quantitative information.

Frequency: Quarterly

Format: Fixed.

Accompanying narrative: Describe the key factors that have had a material impact on the leverage ratio for this reporting period compared with the previous reporting period.

Index	Description	a (T)	b (T-1)
		Amount (In USD)	Amount (In USD)
		Jun-30-2023	Mar-31-2023
	<b>On-Balance Sheet Exposures:</b>		
1	On-balance sheet exposures (excluding derivatives and securities financing transactions (SFTs), but including collateral)	\$5,057,028	\$5,888,719
2	Gross up for derivatives collateral provided where deducted from balance sheet assets pursuant to the operative accounting framework	\$0	\$0
3	(Deductions of receivable assets for cash variation margin provided in derivatives transactions)	\$0	\$0
4	(Adjustment for securities received under securities financing transactions that are recognised as an asset)	\$0	\$0
5	(Specific and general provisions associated with on balance sheet exposures that are deducted from Basel III Tier 1 capital)	\$0	\$0
6	(Asset amounts deducted in determining Basel III Tier 1 capital and regulatory adjustments)	\$0	\$0
7	<b>Total on balance sheet exposures (excluding derivatives and SFTs) (sum of rows 1 to 6)</b>	<b>\$5,057,028</b>	<b>\$5,888,719</b>
	<b>Derivative Exposures:</b>		
8	Replacement cost associated with all derivatives transactions (where applicable net of eligible cash variation margin and/or with bilateral netting)	\$166,282	\$77,553
9	Add on amounts for potential future exposure associated with all derivatives transactions	\$299,766	\$261,234
10	(Exempted central counterparty (CCP) leg of client cleared trade exposures)	\$0	\$0
11	Adjusted effective notional amount of written credit derivatives	\$0	\$0
12	(Adjusted effective notional offsets and add on deductions for written credit derivatives)	\$0	\$0
13	<b>Total derivative exposures (sum of rows 8 to 12)</b>	<b>\$466,048</b>	<b>\$338,787</b>
	<b>Securities financing transaction exposures:</b>		
14	Gross SFT assets (with no recognition of netting), after adjustment for sale accounting transactions	\$0	\$0
15	(Netted amounts of cash payables and cash receivables of gross SFT assets)	\$0	\$0
16	Counterparty credit risk exposure for SFT assets	\$0	\$0
17	Agent transaction exposures	\$0	\$0
18	<b>Total securities financing transaction exposures (sum of rows 14 to 17)</b>	<b>\$0</b>	<b>\$0</b>
	<b>Other off-balance sheet exposures:</b>		
19	Off-balance balance sheet exposure at gross notional amount	\$3,817,227	\$3,637,384
20	(Adjustments for conversion to credit equivalent amounts)	(\$3,000,119)	(\$2,857,077)
21	(Specific and general provisions associated with off balance sheet exposures deducted in determining Tier 1 capital)	\$0	\$0
22	<b>Off-balance sheet items (sum of rows 19 to 21)</b>	<b>\$817,108</b>	<b>\$780,307</b>
	<b>Capital and total exposures:</b>		
23	<b>Tier 1 capital</b>	<b>\$732,408</b>	<b>\$732,408</b>
24	<b>Total exposures (sum of rows 7, 13, 18 and 22)</b>	<b>\$6,340,184</b>	<b>\$7,007,813</b>
	<b>Leverage ratio:</b>		
25	<b>Basel III leverage ratio (including the impact of any applicable temporary exemption of central bank reserves)</b>	<b>11.55%</b>	<b>10.45%</b>
25A	<b>Basel III leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves)</b>	<b>11.55%</b>	<b>10.45%</b>
26	<b>National minimum leverage ratio requirement</b>	<b>3.00%</b>	<b>3.00%</b>
27	<b>Applicable leverage buffers</b>	<b>NA</b>	<b>NA</b>

MAFS Cayman reported a higher Leverage Ratio of 11.55% as of Jun 30,2023 compared to a figure of 10.45 % as of Mar 31, 2023, as the bank's total exposures decreased by USD 832 Million with no change in its capital measure. Available Capital was reported at USD 732 million as of Jun 30, 2023. The Total Exposure measures was noted to decrease as the Bank's' balance sheet decrease mainly with comparatively lower deposit balances (assets and liabilities) .



**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**

**LIQ2: Net Stable Funding Ratio ("NSFR")**

Purpose: Describe the bank's NSFR and selected details of its NSFR components.

Scope of application: Mandatory

Content: Quantitative. Data must be presented as quarter-end observations in the prescribed currency.

Frequency: Semi-Annual

Format: Fixed

Accompanying Narrative: Banks should provide a sufficient qualitative discussion on the NSFR to facilitate an understanding of the results and the accompanying data. For example, where significant, banks could discuss: (a) the drivers of their NSFR results and the reasons for intra-period changes as well as the changes over time (e.g. changes in strategies, funding structure, circumstances); and (b) the composition of the bank's interdependent assets and liabilities and to what extent these transactions are interrelated.

**\*\*\*\* NOT APPLICABLE : The Bank is subject to report MINIMUM LIQUIDITY RATIO (MLR), under PART V (Section 32 to 35) of the Liquidity Risk Management Rules and Guidelines (2018) with the Cayman Islands Monetary Authority(CIMA) .  
The Bank is exempt from reporting NET STABLE FUNDING RATIO (NSFR), under Part II (Section 20 to 26) of the Liquidity Risk Management Rules and Guidelines (2018) with the Cayman Islands Monetary Authority(CIMA) .**

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED****MR1: Market risk under the standardised approach**

Purpose: Display the components of the capital requirement under the standardised approach for market risk.

Scope of application: Mandatory for applicable banks.

Content: Risk-weighted assets.

Frequency: Semi-Annual

Format: Fixed

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain any significant changes over the reporting period and the key drivers of such changes.

Row Index	Description	a
		RWA
		<i>Amounts (In USD)</i>
		<i>Jun-30-2023</i>
	<b>Outright products</b>	
1	Interest rate risk (general and specific)	0
2	Equity risk (general and specific)	0
3	Foreign exchange risk	484
4	Commodity risk	0
	<b>Options</b>	
5	Simplified approach	0
6	Delta-plus method	0
7	Scenario approach	0
8	Securitisation	0
<b>9</b>	<b>Total</b>	<b>484</b>

**MUFG ALTERNATIVE FUND SERVICES (CAYMAN) LIMITED**  
**ENC – Asset encumbrance**

Purpose: To provide the amount of encumbered and unencumbered assets.

Scope of application: Mandatory for all applicable banks.

Content: Quantitative information. Carrying amount for encumbered and unencumbered assets on the balance sheet using period-end values. Banks must use the specific definition of “encumbered assets” as follows: Encumbered assets are assets that the bank is restricted or prevented from liquidating, selling, transferring or assigning due to legal, regulatory, contractual or other limitations. When the optional column on central bank facilities is used, encumbered assets exclude central bank facilities. The definition of “encumbered assets” in Template ENC is different than that under the Liquidity Coverage Ratio for on-balance sheet assets. Specifically, the definition of “encumbered assets” in Template ENC excludes the aspect of asset monetisation. For an unencumbered asset to qualify as high-quality liquid assets, the LCR requires a bank to have the ability to monetise that asset during the stress period such that the bank can meet net cash outflows.

Frequency: Annually

Format: Fixed. Banks should always complete columns (a), (c) and (d).

Accompanying narrative: Banks are expected to supplement the template with a narrative commentary to explain (i) any significant change in the amount of encumbered and unencumbered assets from the previous disclosure; (ii) as applicable, any definition of the amounts of encumbered and/or unencumbered assets broken down by types of transaction/category; and (iii) any other relevant information necessary to understand the context of the disclosed figures. When a separate column for central bank facilities is used, banks should describe the types of assets and facilities included in this column.

**\*\*\*\* NOT APPLICABLE : The Bank do not own or hold any encumbered assets.**