Maple Securities U.S.A. Inc.

**Individual Disclosure** 

as at September 30, 2014

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#### 1 Introduction

Part 8 of Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 ("CRR") requires institutions to disclose certain information. The general principles to disclosure are defined in articles 431 to 434 CRR, the information that has to be disclosed is defined in articles 435 to 455 CRR. This report presents the specific disclosure requirements on individual basis defined by article 13 CRR.

For regulatory purposes, Maple Securities U.S.A. Inc. ("MSUSA"), Jersey City, U.S.A. is part of the financial holding group ("Subgroup") formed by Maple Financial Europe SE ("MFE SE"), Frankfurt am Main, Germany, and its subsidiaries according to article 11 CRR. On a stand-alone basis MSUSA is not required to adhere to the regulations of CRR but is regulated by the Financial Industry Regulatory Authority ("FINRA").

The parent company Maple Bank GmbH (the "Bank"), Frankfurt am Main, Germany established formal procedures for the preparation of this disclosure, which include, amongst others, the definition of material, proprietary and confidential information. Moreover, these procedures define the responsibilities for preparation and monitoring of the disclosure.

The quantitative information in this disclosure is presented in USD `000, unless stated otherwise.

The disclosure of qualitative information and information on a consolidated basis is presented in the Banks Consolidated disclosure, which is available at <a href="www.MapleBank.com">www.MapleBank.com</a>. The disclosure of the main features of capital instruments and the remuneration policy are likewise published in separate documents.

## 2 Structure of own funds

## 2.1 Components of own funds

The own funds of MSUSA at the disclosure date were as follows:

|     |   | Amount at disclosure<br>date<br>in USD '000 | Amounts subject to<br>pre-CRR treatment or<br>prescribed residual<br>amount of CRR<br>in USD '000 | Reference<br>to b/s |
|-----|---|---|---|---------------------|
| Com | mon Equity Tier 1 capital: instruments and reserves                 |   |   |                     |
| 1   | Capital instruments and the related share premium accounts          | 151,683                                     |   | A                   |
|     | of which: Ordinary shares   | -   |   |                     |
|     | of which: Share capital   | 151,683                                     |   |                     |
|     | of which: Preferred shares  | -   |   |                     |
| 2   | Retained earnings   | 11,585                                      |   | В                   |
| 3   | Accumulated other comprehensive income (and other reserves,         | 11)000                                      |   |                     |
|     | to include unrealised gains and losses under the applicable         |   |   |                     |
|     | accounting standards)   | _   |   |                     |
| 3a  | Funds for general banking risk                                      | _   |   |                     |
| 4   | Amount of qualifying items referred to in article 484 (3) and the   |   |   |                     |
| -   | related share premium accounts subject to phase out from            |   |   |                     |
|     | CET1  | _   |   |                     |
|     | Public sector capital injections grandfathered until                |   |   |                     |
|     | 1 January 2018  | _   |   |                     |
| 5   | Minority interests (amount allowed in consolidated CET1)            | -   |   |                     |
| 5a  | Independently reviewed interim profits net of any foreseeable       |   |   |                     |
|     | charge or dividend  | _   |   |                     |
| 6   | Common Equity Tier 1 (CET1) capital before regulatory               |   |   |                     |
|     | adjustments   | 163,268                                     |   |                     |
| Com | mon Equity Tier 1 (CET1) capital: regulatory adjustments            | ·   |   |                     |
| 7   | Additional value adjustments (negative amount)                      | -   |   |                     |
| 8   | Intangible assets (net of related tax liability) (negative amount)  | (78)  | (311)   | С                   |
| 9   | Empty set in the EU   | -   | (* /  |                     |
| 10  | Deferred tax assets that rely on future profitability excluding     |   |   |                     |
|     | those arising from temporary differences (net of related tax        |   |   |                     |
|     | liability where the conditions in article 38 (3) are met) (negative |   |   |                     |
|     | amount)   | -   | -   |                     |
| 11  | Fair value reserves related to gains or losses on cash flow         |   |   |                     |
|     | hedges  | -   |   |                     |
| 12  | Negative amounts resulting from the calculation of expected         |   |   |                     |
|     | loss amounts  | -   |   |                     |
| 13  | Any increase in equity that results from securitised assets         |   |   |                     |
| L   | (negative amount)   | -   |   |                     |
| 14  | Gains or losses on liabilities valued at fair value resulting from  |   |   |                     |
| L   | changes in own credit standing                                      | -   |   |                     |
| 15  | Defined-benefit pension fund assets (negative amount)               | -   |   |                     |
| 16  | Direct and indirect holdings by an institution of own CET1          |   |   |                     |
|     | instruments (negative amount)                                       | -   |   |                     |
| 17  | Holdings of the CET1 instruments of financial sector entities       |   |   |                     |
|     | where those entities have reciprocal cross holdings with the        |   |   |                     |
|     | institution designed to inflate artificially the own funds of the   |   |   |                     |
|     | institution (negative amount)                                       | -   |   |                     |
| 18  | Direct and indirect holdings by the institution of the CET1         |   |   |                     |
|     | instruments of financial sector entities where the institution      | -   |   |                     |

|     |   |         | ı |  |
|-----|---|---------|---|--|
|     | does not have a significant investment in those entities (amount  |         |   |  |
|     | above the 10% threshold and net of eligible short positions)      |         |   |  |
|     | (negative amount)   |         |   |  |
| 19  | Direct, indirect and synthetic holdings by the institution of the |         |   |  |
| 17  | CET1 instruments of financial sector entities where the           |         |   |  |
|     |   |         |   |  |
|     | institution has a significant investment in those entities        |         |   |  |
|     | (amount above 10% threshold and net of eligible short             |         |   |  |
|     | positions) (negative amount)                                      | -       |   |  |
| 20  | Empty set in the EU   | 1       |   |  |
| 20a | Exposure amount of the following items which qualify for a        |         |   |  |
|     | RW of 1250%, where the institution opts for the deduction         |         |   |  |
|     | alternative   | -       |   |  |
| 20b | of which: qualifying holdings outside the financial sector        |         |   |  |
| 202 | (negative amount)   | _       |   |  |
| 20c |   |         |   |  |
|     | of which: securitisation positions (negative amount)              | -       |   |  |
| 20d | of which: free deliveries (negative amount)                       | 1       |   |  |
| 21  | Deferred tax assets arising from temporary differences (amount    |         |   |  |
|     | above 10% threshold, net of related tax liability where the       |         |   |  |
|     | conditions in 38 (3) are met) (negative amount)                   | -       |   |  |
| 22  | Amount exceeding the 15% threshold (negative amount)              | -       |   |  |
| 23  | of which: direct and indirect holdings by the institution of the  |         |   |  |
| 20  | CET1 instruments of financial sector entities where the           |         |   |  |
|     |   |         |   |  |
| 2.1 | institution has a significant investment in those entities        |         |   |  |
| 24  | Empty Set in the EU   | 1       |   |  |
| 25  | of which: deferred tax assets arising from temporary              |         |   |  |
|     | differences   | 1       |   |  |
| 25a | Losses for the current financial year (negative amount)           | 1       |   |  |
| 25b | Foreseeable tax charges relating to CET1 items (negative          |         |   |  |
|     | amount)   | -       |   |  |
| 26  | Regulatory adjustments applied to Common Equity Tier 1 in         |         |   |  |
| 20  |   |         |   |  |
| 2.  | respect of amounts subject to pre-CRR treatment                   | -       |   |  |
| 26a | Regulatory adjustments relating to unrealised gains and losses    |         |   |  |
|     | pursuant to Articles 467 and 468                                  | 1       |   |  |
|     | Of which: filter for unrealised loss 1                            | 1       |   |  |
|     | Of which: filter for unrealised loss 2                            | -       |   |  |
|     | Of which: filter for unrealised gain 1                            | -       |   |  |
|     | Of which: filter for unrealised gain 2                            |         |   |  |
| 26b | Amount to be deducted from or added to Common Equity Tier         |         |   |  |
| 260 |   |         |   |  |
|     | 1 capital with regard to additional filters and deductions        |         |   |  |
|     | required pre-CRR  | 1       |   |  |
|     | Of which:   | -       |   |  |
| 27  | Qualifying AT1 deductions that exceed the AT1 capital of the      |         |   |  |
|     | institution (negative amount)                                     | (311)   |   |  |
| 28  | Total regulatory adjustments to Common Equity Tier1 (CET1)        | (388)   |   |  |
| 29  | Common Equity Tier 1 (CET1) capital                               | 162,879 |   |  |
|     | tional Tier 1 (AT1) capital: Instruments                          | 104,079 |   |  |
|     | •   |         |   |  |
| 30  | Capital instruments and the related share premium accounts        | -       |   |  |
| 31  | of which: classified as equity under applicable accounting        |         |   |  |
|     | standards   | -       |   |  |
| 32  | of which: classified as liabilities under applicable accounting   |         |   |  |
|     | standards   | -       |   |  |
| 33  | Amount of qualifying items referred to in Article 484 (4) and     |         |   |  |
| "   | the related share premium accounts subject to phase out from      |         |   |  |
|     | AT1   |         |   |  |
|     |   | -       |   |  |
|     | Public sector capital injections grandfathered until              |         |   |  |
| L   | 1 January 2018  | -       |   |  |
| 34  | Qualifying Tier 1 capital included in consolidated AT1 capital    |         |   |  |
|     | (including minority interests not included in row 5) issued by    | -       |   |  |
|     |   |         |   |  |

|      | <u> </u>   | 7       |       |  |
|------|--|---------|-------|--|
|      | subsidiaries and held by third parties                             |         |       |  |
| 35   | of which: instruments issued by subsidiaries subject to phase      |         |       |  |
|      | out  | -       |       |  |
| 36   | Additional Tier 1 (AT1) capital before regulatory adjustments      | _       |       |  |
| Add  | tional Tier 1 (AT1) capital: regulatory adjustments                |         |       |  |
| 37   | Direct and indirect holdings by an institution of own AT1          |         |       |  |
| 37   | instruments (negative amount)                                      |         |       |  |
| 38   | Holdings of the AT1 instruments of financial sector entities       |         |       |  |
| 36   | where those entities have reciprocal cross holdings with the       |         |       |  |
|      | •  |         |       |  |
|      | institution designed to inflate artificially the own funds of the  |         |       |  |
| 20   | institution (negative amount)                                      | -       |       |  |
| 39   | Direct and indirect holdings of the AT1 instruments of financial   |         |       |  |
|      | sector entities where the institution does not have a significant  |         |       |  |
|      | investment in those entities (amount above the 10% threshold       |         |       |  |
|      | and net of eligible short positions) (negative amount)             | -       |       |  |
| 40   | Direct and indirect holdings by the institution of the AT1         |         |       |  |
|      | instruments of financial sector entities where the institution has |         |       |  |
|      | a significant investment in those entities (amount above the       |         |       |  |
|      | 10% threshold net of eligible short positions) (negative amount)   | -       |       |  |
| 41   | Regulatory adjustments applied to Additional Tier 1 in respect     |         |       |  |
|      | of amounts subject to pre-CRR treatment and transitional           |         |       |  |
|      | treatments subject to phase out as prescribed in Regulation        |         |       |  |
|      | (EU) No 575/2013 (i.e. CRR residual amounts)                       | -       |       |  |
| 41a  | Residual amounts deducted from Additional Tier 1 capital with      |         |       |  |
|      | regard to deduction from Common Equity Tier 1 capital during       |         |       |  |
|      | the transitional period pursuant to article 472 of Regulation      |         |       |  |
|      | (EU) No 575/2013   | -       | (311) |  |
|      | Of which: intangibles  | -       | (311) |  |
| 41b  | Residual amounts deducted from Additional Tier 1 capital with      |         | ,     |  |
|      | regard to deduction from Tier 2 capital during the transitional    |         |       |  |
|      | period pursuant to article 475 of Regulation (EU) No 575/2013      | _       |       |  |
|      | Of which items to be detailed line by line, e.g. reciprocal cross  |         |       |  |
|      | holdings in Tier 2 instruments, direct holdings of non-            |         |       |  |
|      | significant investments in the capital of other financial sector   |         |       |  |
|      | entitles, etc.   |         |       |  |
| 41c  | Amount to be deducted from or added to Additional Tier 1           |         |       |  |
|      | capital with regard to additional filters and deductions           |         |       |  |
|      | required pre-CRR   | _       |       |  |
|      | Of which: possible filter for unrealised losses                    |         |       |  |
|      | Of which: possible filter for unrealised gains                     |         |       |  |
|      | =                            |         |       |  |
| 40   | Of which:  |         |       |  |
| 42   | Qualifying T2 deductions that exceed the T2 capital of the         |         |       |  |
| 40   | institution (negative amount)                                      | -       |       |  |
| 43   | Total regulatory adjustments to Additional Tier 1 (AT1)            |         |       |  |
|      | capital  | -       |       |  |
| 44   | Additional Tier 1 (AT1) capital                                    | -       |       |  |
| 45   | Tier 1 capital (T1 = CET1 + AT1)                                   | 162,879 |       |  |
| Tier | 2 (T2) capital: Instruments and provisions                         |         |       |  |
| 46   | Capital instruments and the related share premium accounts         | -       |       |  |
| 47   | Amount of qualifying items referred to in article 484 (5) and the  |         |       |  |
|      | related share premium accounts subject to phase out from T2        | -       |       |  |
|      | Public sector capital injections grandfathered until               |         |       |  |
|      | 1 January 2018   |         |       |  |
| 48   | Qualifying own funds instruments included in consolidated T2       |         |       |  |
|      | capital (including minority interests and AT1 instruments not      |         |       |  |
|      | included in rows 5 or 34) issued by subsidiaries and held by       |         |       |  |
|      | third parties  | _       |       |  |
| 49   | of which: instruments issued by subsidiaries subject to phase      |         |       |  |
|      | out  | _       |       |  |
| L    |  | l       |       |  |

| 50  | Credit risk adjustments  | _       |      |
|-----|--|---------|------|
| 51  | Tier 2 (T2) capital before regulatory adjustments                    | _       |      |
|     | 2 (T2) capital: regulatory adjustments                               |         |      |
|     |  |         |      |
| 52  | Direct and indirect holdings by an institution of own T2             |         |      |
|     | instruments and subordinated loans (negative amount)                 | -       |      |
| 53  | Holdings of the T2 instruments and subordinated loans of             |         |      |
|     | financial sector entities where those entities have reciprocal       |         |      |
|     | cross holdings with the institution designed to inflate              |         |      |
|     | artificially the own funds of the institution (negative amount)      | -       |      |
| 54  | Direct and indirect holdings of the T2 instruments and               |         |      |
|     | subordinated loans of financial sector entities where the            |         |      |
|     | institution does not have a significant investment in those          |         |      |
|     | entities (amount above 10% threshold and net of eligible short       |         |      |
|     | positions) (negative amount)   | -       |      |
| 54a | Of which new holdings not subject to transitional arrangements       | -       |      |
| 54b | Of which holdings existing before 1 January 2013 and subject to      |         |      |
|     | transitional arrangements  | -       |      |
| 55  | Direct and indirect holdings by the institution of the T2            |         |      |
|     | instruments and subordinated loans of financial sector entities      |         |      |
|     | where the institution has a significant investment in those          |         |      |
|     | entities (net of eligible short positions) (negative amount)         | -       |      |
| 56  | Regulatory adjustments applied to Tier 2 in respect of amounts       |         | <br> |
|     | subject to pre-CRR treatment and transitional treatments             |         |      |
|     | subject to phase out as prescribed in Regulation (EU) No             |         |      |
|     | 575/2013 (i.e. CRR residual amounts)                                 | -       |      |
| 56a | Residual amounts deducted from Tier 2capital with regard to          |         |      |
|     | deduction from Common Equity Tier 1 capital during the               |         |      |
|     | transitional period pursuant to article 472 of Regulation (EU)       |         |      |
|     | No 575/2013  | -       |      |
|     | Of which items to be detailed line by line, e.g. material net        |         |      |
|     | interim losses, intangibles, shortfall of provisions to expected     |         |      |
|     | losses etc.  |         |      |
| 56b | Residual amounts deducted from Tier 2 capital with regard to         |         |      |
|     | deduction from Additional Tier 1 capital during the transitional     |         |      |
|     | period pursuant to article 475 of Regulation (EU) No 575/2013        | -       |      |
|     | Of which items to be detailed line by line, e.g. reciprocal cross    |         |      |
|     | holdings in AT1 instruments, direct holdings of non-significant      |         |      |
|     | investments in the capital of other financial sector entities, etc.  |         |      |
| 56c | Amount to be deducted from or added to Tier 2 capital with           |         |      |
|     | regard to additional filters and deductions required pre-CRR         | -       |      |
|     | Of which: possible filter for unrealised losses                      |         |      |
|     | Of which: possible filter for unrealised gains                       |         |      |
|     | Of which:  |         |      |
| 57  | Total regulatory adjustments to Tier 2 (T2) capital                  | _       |      |
|     |  | -       |      |
| 58  | Tier 2 (T2) capital  |         |      |
| 59  | Total capital (TC = T1 + T2)   | 162,879 |      |
| 59a | Risk weighted assets in respect of amounts subject to pre-CRR        |         |      |
|     | treatment and transitional treatments subject to phase out as        |         |      |
|     | prescribed in Regulation (EU) No 575/2013 (i.e. CRR residual         |         |      |
|     | amounts)   | -       |      |
|     | Of which: items not deducted from CET1 (Regulation (EU)              |         |      |
|     | No 575/2013 residual amounts) (items to be detailed line by          |         |      |
|     | line, e.g. deferred tax assets that rely on future profitability net |         |      |
|     | of related tax liability, indirect holdings of own CET1, etc.)       | -       |      |
|     | Of which: items not deducted from AT1 items (Regulation              |         |      |
|     | (EU) No 575/2013 residual amounts)                                   |         |      |
|     | (items to be detailed line by line, e.g. reciprocal cross holdings   |         |      |
|     | in T2 instruments, direct holdings of non- significant               |         |      |
|     | investments in the capital of other financial sector entities, etc.) | -       |      |

|      | Tr. 11 11 TO                  |         |      |
|------|---|---------|------|
|      | Items not deducted from T2 items (Regulation (EU) No              |         |      |
|      | 575/2013 residual amounts) (items to be detailed line by line,    |         |      |
|      | e.g. indirect holdings of own T2 instruments, indirect holdings   |         |      |
|      | of non-significant investments in the capital of other financial  |         |      |
|      | sector entities, indirect holdings of significant investments in  |         |      |
|      | the capital of other financial sector entities etc.)              | 1       |      |
| 60   | Total risk weighted assets  | 274,048 |      |
| Capi | tal ratios and buffers  |         |      |
| 61   | Common Equity Tier 1 (as a percentage of risk exposure            |         |      |
|      | amount)   | 59.43%  |      |
| 62   | Tier 1 (as a percentage of risk exposure amount)                  | 59.43%  |      |
| 63   | Total capital (as a percentage of risk exposure amount)           | 59.43%  |      |
| 64   | Institution specific buffer requirement (CET1 requirement in      |         |      |
|      | accordance with article 92 (1) (a) plus capital conservation and  |         |      |
|      | countercyclical buffer requirements, plus systemic risk buffer,   |         |      |
|      | plus the systemically important institution buffer (G-SII or O-   |         |      |
|      | SII buffer), expressed as a percentage of risk exposure amount)   | _       |      |
| 65   | of which: capital conservation buffer requirement                 |         |      |
| 66   | of which: countercyclical buffer requirement                      |         |      |
|      |   | -       |      |
| 67   | of which: systemic risk buffer requirement                        | -       |      |
| 67a  | of which: Global Systemically Important Institution (G-SII)       |         |      |
|      | or Other Systemically Important Institution (O-SII) buffer        | -       |      |
| 68   | Common Equity Tier 1 available to meet buffers (as a              |         |      |
|      | percentage of risk exposure amount)                               | -       |      |
| 69   | [non relevant in EU regulation]                                   | -       |      |
| 70   | [non relevant in EU regulation]                                   | -       |      |
| 71   | [non relevant in EU regulation]                                   | -       |      |
| Capi | tal ratios and buffers  |         |      |
| 72   | Direct and indirect holdings of the capital of financial sector   |         |      |
|      | entities where the institution does not have a significant        |         |      |
|      | investment in those entities (amount below 10% threshold and      |         |      |
|      | net of eligible short positions)                                  | 6,417   |      |
| 73   | Direct and indirect holdings by the institution of the CET        | ,       |      |
|      | 1 instruments of financial sector entities where the institution  |         |      |
|      | has a significant investment in those entities (amount below      |         |      |
|      | 10% threshold and net of eligible short positions)                | _       |      |
| 74   | Empty Set in the EU   | _       |      |
| 75   | Deferred tax assets arising from temporary differences (amount    |         |      |
| , ,  | below 10% threshold, net of related tax liability where the       |         |      |
|      | conditions in Article 38 (3) are met)                             | 845     |      |
| Δnn  | licable caps on the inclusion of provisions in Tier 2             | 040     |      |
| 76   |   |         |      |
| 76   | Credit risk adjustments included in T2 in respect of exposures    |         |      |
|      | subject to standardised approach (prior to the application of the |         |      |
|      | cap)  | -       |      |
| 77   | Cap on inclusion of credit risk adjustments in T2 under           | 225     |      |
|      | standardised approach   | 225     |      |
| 78   | Credit risk adjustments included in T2 in respect of exposures    |         |      |
|      | subject to internal ratings-based approach (prior to the          |         |      |
|      | application of the cap)   | -       |      |
| 79   | Cap for inclusion of credit risk adjustments in T2 under internal |         |      |
|      | ratings-based approach  | -       |      |
|      | tal instruments subject to phase-out arrangements (only           |         |      |
| appl | icable between 1 Jan 2013 and 1 Jan 2022)                         |         | <br> |
| 80   | Current cap on CET1 instruments subject to phase out              |         |      |
|      | arrangements  | -       |      |
| 81   | Amount excluded from CET1 due to cap (excess over cap after       |         |      |
|      | redemptions and maturities)                                       | -       |      |
| 82   | Current cap on AT1 Instruments subject to phase out               | -       |      |
|      |   |         |      |

|    | arrangements   |   |  |
|----|--|---|--|
| 83 | Amount excluded from AT1 due to cap (excess over cap after |   |  |
|    | redemptions and maturities)                                | - |  |
| 84 | Current cap on T2 instruments subject to phase out         |   |  |
|    | arrangements   | - |  |
| 85 | Amount excluded from T2 due to cap (excess over cap after  |   |  |
|    | redemptions and maturities)                                | - |  |

Common Equity Tier 1 capital and Tier 1 capital exceed the requirements laid down in Article 465 CRR by USD 151.9 million and USD 147.8 million respectively.

The Common Equity Tier I capital includes the capital stock and retained earnings of MSUSA.

### 2.2 Reconciliation between own funds and statement of financial position

The following presentation reconciles amounts from the audited financial statements of MSUSA as of September 30, 2013 with the amounts used for the calculation of own funds as of September 30, 2014:

| USD `000                   | Amounts in the published financial statements of MSUSA 30 Sep 2013 | Other<br>adjustments | Amounts in the calculation of own funds | Reference to own funds |
|----------------------------|--|----------------------|---|------------------------|
| Fixed assets               | 949  |                      |   |                        |
| thereof: Intangible assets | 388  | 0                    | 388                                     | С                      |
| Liabilities                |  |                      |   | -                      |
| Equity                     |  |                      |   |                        |
| Common stock               | 55,944   | 95,739               | 151,683                                 | A                      |
| Additional paid-in capital | 95,739   | -95,739              | 0                                       |                        |
| Retained earnings          | 11,585   | 0                    | 11,585                                  | В                      |
| Total equity               | 163,268  | 0                    | 163,268                                 |                        |

The presentation of equity in the balance sheet is identical to its use of these amounts in the calculation of own funds.

## 3 Capital adequacy

### 3.1 Risk bearing capacity

MSUSA is required to maintain minimum levels of capital pursuant to local regulations imposed by FINRA. A risk-bearing capacity framework sets out the internal management of economic capital. The presentation of the risk-bearing capacity framework is included in the consolidated disclosure report for the Bank.

The Company maintains individual calculations for risk bearing capacity only under the going-concern approach and is an integral part of the consolidated capital management, which is presented in the consolidated disclosure report for the Bank. The amounts of the company's internal risk capital allocated to each risk factor and its utilization as of September 30, 2014 were as follows:

|                           | Standard case                                |                                |  |
|---------------------------|--|--------------------------------|--|
| Risk factors              | Allocated<br>risk capital<br>in USD millions | Utilization<br>in USD millions |  |
| Market risk               | 31.5   | 9.4                            |  |
| Currency risk             | 0.0  | 0.0                            |  |
| Credit risk               | 2.0  | 0.6                            |  |
| Operational & other risks | 1.4  | 1.4                            |  |
| Liquidity risk            | 0.0  | 0.0                            |  |
| Earnings risk             | 4.9  | 4.9                            |  |
| Allocated risk capital    | 39.8   | 16.3                           |  |
| Unallocated risk capital  | 72.2   |                                |  |
| Total risk capital        | 111.9  |                                |  |

### 3.2 Own funds requirements of CRR

The following table presents the minimum capital requirements of the CRR as of September 30, 2014 for credit and counterparty credit risk, settlement and delivery risk, position, foreign exchange and commodities risk, operational risk, credit valuation adjustments, amounts related to large exposure in the trading book as well as other risk exposure amounts:

|   | Own funds<br>requirement |
|---|--------------------------|
|   | in USD `000              |
| Credit risk and counterparty credit risk                                  | 1,443                    |
| Standardised approach   | 1,443                    |
| Central governments or central banks                                      | 0                        |
| Regional governments or local authorities                                 | 0                        |
| Public sector entities  | 0                        |
| Multilateral Development Banks  | 0                        |
| International Organisations   | 0                        |
| Institutions  | 660                      |
| Corporates  | 454                      |
| Retail  | 0                        |
| Secured by mortgages on immovable property                                | 0                        |
| Exposures in default  | 0                        |
| Items associated with particular high risk                                | 0                        |
| Covered bonds   | 0                        |
| Claims on institutions and corporates with a short-term credit assessment | 0                        |
| Collective investments undertakings (CIU)                                 | 0                        |
| Equity  | 9                        |
| Other items   | 320                      |
| Securitisation positions  | 0                        |
| of which: resecuritisation  | 0                        |
| Contributions to the default fund of a Central Counterparty               | 0                        |
| Settlement and delivery risk  | 0                        |
| Position, foreign exchange and commodities risks                          | 18,908                   |
| Standardised approaches   | 18,908                   |
| Debt instruments  | 723                      |
| Equity instruments  | 18,047                   |
| Foreign Exchange  | 138                      |
| Commodities   | 0                        |
| Operational risk  | 2,948                    |
| Basic indicator approach  | 2,948                    |
| Credit valuation adjustment (CVA)   | 0                        |
| Standardised method   | 0                        |
| Amount related to large exposures in the trading book                     | 0                        |
| Other risk exposure amounts   | 0                        |
| Total own funds requirements  | 23,300                   |
| er run er er  | ,- 50                    |

The capital requirement for credit risk is determined by the Credit Risk Standardised Approach. Credit exposures from securities lending and repo transactions are calculated using a VaR model approved by the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, or "BaFin"). Market risks in the trading book are taken into account by the standard methods of CRR. Securities owned are assigned to the trading book. Their credit risk is addressed as specific risk and is part of the capital requirements for interest rate and equity risk. Capital requirements for operational risks are

determined by the Basic Indicator Approach. Specifically, the average positive gross revenue for the previous three years of each entity is combined and multiplied by the prescribed factor of 15 %.

MSUSA has no material investments in the banking book. The capital requirements for credit risk arise mainly from securities lending and repo transactions as well as from counterparty risk on derivatives.

#### 4 Credit risk

#### 4.1 Composition of credit exposures

The credit exposure figures represent US GAAP carrying amounts for loans and derivative instruments, and gross credit exposures before collateral for off-balance sheet exposures. The total exposure by asset class at the disclosure date compared to the average for the year is as follows:

| Total exposure<br>USD '000            | Disclosure<br>date | Average for the year |
|---------------------------------------|--------------------|----------------------|
|                                       |                    |                      |
| Central governments or central banks  | 16,390             | 9,109                |
| Regional governments or local         |                    |                      |
| authorities                           | 8,256              | 4,061                |
| Public sector entities                | 0                  | 0                    |
| Multilateral Development Banks        | 0                  | 29                   |
| International Organisations           | 0                  | 0                    |
| Institutions                          | 5,305,094          | 4,120,735            |
| Corporates                            | 102,527            | 106,245              |
| Retail                                | 0                  | 0                    |
| Secured by mortgages on immovable     |                    |                      |
| property                              | 0                  | 0                    |
| Exposures in default                  | 0                  | 0                    |
| Items associated with particular high |                    |                      |
| risk                                  | 0                  | 0                    |
| Covered bonds                         | 0                  | 0                    |
| Claims on institutions and corporates |                    |                      |
| with a short-term credit assessment   | 0                  | 0                    |
| Collective investments undertakings   |                    |                      |
| (CIU)                                 | 0                  | 0                    |
| Equity                                | 174                | 46                   |
| Other items                           | 542                | 4,196                |
| Securitisation positions              | 0                  | 0                    |
| Total                                 | 5,432,983          | 4,244,421            |

The following table presents the breakdown of credit exposures by region at disclosure date for each exposure class:

| Total exposure                   |                |         |        |        |
|----------------------------------|----------------|---------|--------|--------|
| USD '000                         | U.S.A.         | Canada  | Europe | Other  |
|                                  |                |         |        |        |
| Central governments or central   |                |         |        |        |
| banks                            | 1,491          | -       | -      | 14,899 |
| Regional governments or local    |                |         |        |        |
| authorities                      | 8,256          | -       | -      | -      |
| Public sector entities           | -              | -       | -      | -      |
| Multilateral Development         |                |         |        |        |
| Banks                            | -              | -       | -      | -      |
| International Organisations      | -              | -       | -      | -      |
| Institutions                     | 5,165,310      | 108,487 | 31,296 |        |
| Corporates                       | 102,527        | -       | -      | _      |
| Retail                           | -              | -       | -      | _      |
| Secured by mortgages on          |                |         |        |        |
| immovable property               | -              | -       | -      | _      |
| Exposures in default             | -              | -       | -      | _      |
| Items associated with particular |                |         |        |        |
| high risk                        | -              | -       | -      | _      |
| Covered bonds                    | -              | -       | _      | _      |
| Claims on institutions and       |                |         |        |        |
| corporates with a short-term     |                |         |        |        |
| credit assessment                | -              | -       | _      | _      |
| Collective investments           |                |         |        |        |
| undertakings (CIU)               | _              | -       | _      | _      |
| Equity                           | 174            | -       | _      | _      |
| Other items                      | 542            | _       | _      | _      |
| Securitisation positions         | J-12           |         |        | _      |
| Total                            | -<br>- 050 201 | 100 407 | 21.200 | 14 000 |
| 10141                            | 5,278,301      | 108,487 | 31,296 | 14,899 |

The Company operates primarily with counterparties within the United States.

The following table presents the breakdown of credit exposures by borrower at disclosure date for each exposure class:

| Total exposure                   | Banks/           | Central/ regional | O.J   |
|----------------------------------|------------------|-------------------|-------|
| USD '000                         | financial sector | governments       | Other |
|                                  |                  |                   |       |
| Central governments or central   |                  |                   |       |
| banks                            | 399              | 15,991            | -     |
| Regional governments or local    |                  |                   |       |
| authorities                      | -                | 8,256             | -     |
| Public sector entities           | -                | -                 | -     |
| Multilateral Development         |                  |                   |       |
| Banks                            | -                | -                 | -     |
| International Organisations      | -                | -                 | -     |
| Institutions                     | 5,305,094        | -                 | -     |
| Corporates                       | 102,527          | -                 | -     |
| Retail                           | -                | -                 | -     |
| Secured by mortgages on          |                  |                   |       |
| immovable property               | -                | -                 | -     |
| Exposures in default             | _                | -                 | _     |
| Items associated with particular |                  |                   |       |
| high risk                        | _                | -                 | _     |
| Covered bonds                    | _                | _                 | _     |
| Claims on institutions and       |                  |                   |       |
| corporates with a short-term     |                  |                   |       |
| credit assessment                | _                | _                 | _     |
| Collective investments           |                  |                   |       |
| undertakings (CIU)               | _                | _                 | _     |
| Equity                           | 171              | -                 | 3     |
| Other items                      | 1/1              | -                 | •     |
|                                  | -                | -                 | 542   |
| Securitisation positions         | -                | -                 |       |
| Total                            | 5,408,190        | 24,248            | 545   |

Counterparties to the trading activities and derivative transactions are predominantly broker-dealers, clearing organizations and other firms in the financial sector.

The following tables present the breakdown of credit exposures by remaining contractual maturity at disclosure date for each exposure class:

| Total exposure                |           |                  | 1 year to less |         |
|-------------------------------|-----------|------------------|----------------|---------|
| USD '000                      | On demand | Less than 1 year | than 5 years   | undated |
|                               |           |                  |                |         |
| Central governments or        |           |                  |                |         |
| central banks                 | 14,899    | -                | -              | 1,491   |
| Regional governments or local |           |                  |                |         |
| authorities                   | 7,545     | -                | -              | 711     |
| Public sector entities        | -         | -                | -              | -       |
| Multilateral Development      |           |                  |                |         |
| Banks                         | -         | -                | -              | -       |
| International Organisations   | -         | -                | -              | -       |
| Institutions                  | 4,140,470 | 1,164,291        | 333            | -       |
| Corporates                    | 102,527   | -                | -              | -       |
| Retail                        | -         | -                | -              | -       |
| Secured by mortgages on       |           |                  |                |         |
| immovable property            | -         | -                | -              | -       |
| Exposures in default          | -         | -                | -              | -       |
| Items associated with         |           |                  |                |         |
| particular high risk          | -         | -                | -              | -       |
| Covered bonds                 | -         | -                | -              | -       |
| Claims on institutions and    |           |                  |                |         |
| corporates with a short-term  |           |                  |                |         |
| credit assessment             | -         | -                | -              | -       |
| Collective investments        |           |                  |                |         |
| undertakings (CIU)            | -         | -                | -              | -       |
| Equity                        | -         | -                | -              | 174     |
| Other items                   | -         | -                | -              | 542     |
| Securitisation positions      | -         | -                | -              | -       |
| Total                         | 4,265,441 | 1,164,291        | 333            | 2,919   |

The residual-maturity breakdown shows that, consistent with the business mix, most of the exposures are short-term in nature.

#### 4.2 Credit risk adjustments

The disclosure of general information on credit risk adjustments is included in the consolidated disclosure report of the Bank.

MSUSA does not have any credit risk adjustments during the disclosure period, as well as no impaired or past due credit exposures.

#### 4.3 Credit risk mitigation

The disclosure of information about the use of credit risk mitigation techniques is included in the consolidated disclosure report of the Bank.

For credit risk from trading activities, and especially in the case of securities lending, repo transactions and derivatives, collateral taken consists of cash and securities only. For these transactions, exposure amounts are calculated as net exposure plus volatility add-on. MSUSA has no exposure amounts covered by eligible collateral or guarantees as of disclosure date.