

OMNet API & FIX Specification changes November 2014

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(Note: FIX changes in Genium INET 4.0.0230 are not currently planned however this is subject to change)

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1.1 Improved Stub Handling for Swaps

Support for long end stubs will be added to the OMnet API. Support for long end stubs will only be added to the "new" OTC API (K messages). Support will not be added to the "old" OTC API (C messages), thus one C message will be deprecated and replaced by a new K message as described below.

A new field last_rollover_s (Last Rollover Date) will be added to the following structs:

- IRS_MEMBER_PAY
- IRS_COUNTERPARTY_PAY

The change affects the following messages:

- KB1 - Directed OTC Trade Report
- KB14 - Directed OTC Give Up
- KC1 - Rectify OTC Trade Report
- KO1 - Enter OTC Trade Report
- KQ1 - OTC Trade Report Query
- KQ2 - OTC Trade Report Query
- KQ3 - OTC Trade Report Query Version
- KQ4 - Query Simulate OTC Cash Flow
- KQ14 - Query OTC Give Up Request

A new message will be added:

- KQ8 - Query OTC Cash Flow for Margin Sim

Message to be replaced (*Remark - The message will be deprecated in the November 2014 release and will be removed completely from the API in a later release*):

- CQ41 - Query cash flow for sim (replaced by KQ8)

1.2 Un-adjusted Coupons for IRS

The business_day_conv_c will be moved from trade report level to leg level which results in the following changes:

- business_day_conv_c will be removed from otc_irs_trade_report and sim_otc_irs_cash_flow.
- business_day_conv_c will be added to irs_member_pay and irs_counterparty_pay.

The above listed changes affects the following messages:

- KB1 - Directed OTC Trade Report
- KB14 - Directed OTC Give Up
- KC1 - Rectify OTC Trade Report
- KO1 - Enter OTC Trade Report
- KQ1 - OTC Trade Report Query
- KQ2 - OTC Trade Report Query
- KQ3 - OTC Trade Report Query Version
- KQ4 - Query Simulate OTC Cash Flow
- KQ14 - Query OTC Give Up Request

CQ41 Query cash flow for sim will not support business day convention per leg, thus the new KQ8 Query OTC Cash Flow for Margin Sim (please refer to 1.1 Improved Stub Handling for Swaps) has to be used instead.

business_day_conv_c shall be extended with a new valid value "None" (4). This change affects the messages listed above, and also the following messages:

- JQ71 - Query RM margin simulation
- BU122 - Delta Instrument Class Update VIB
- BU123 - Delta Instrument Class Update for Back Office VIB
- DQ122 - Delta Instrument Class
- DQ123 - Delta Instrument Class for Back Office

1.3 New OTC API

The following external messages were deprecated in the June release and will be removed in November release:

- CO7 - Enter FRA Trade Report (replaced with KO1)
- CO9 - Enter IR Swap Trade Report (replaced with KO1)
- CC63 - Rectify FRA Trade Report (replaced with KC1)
- CC68 - Rectify IR Swap Trade Report (replaced with KC1)
- CQ90 - Generate IR Swap Flow (replaced with KQ4)
- CQ91 - Swap Flow (replaced with KQ9)
- CB3 - Directed OTC Trade Report (replaced with KB1)

- CC54 - Cancel OTC Trade Report (replaced with KC2)
- CC99 - Clearing Member Accept or Reject OTC Trade (replaced with KC5)
- CQ80 - OTC Trade Report (replaced with KQ1)
- CQ81 - OTC Trade Report (replaced with KQ2)
- CQ82 - OTC Trade Report, Version (replaced with KQ3)

1.4 Automatic Exercise Parameter

It will be possible for the members to set a parameter value for when to do Automatic Exercise of options according to their own choice. To support this functionality will the following new fields be added:

- Exercise_limit_i
- Exercise_limit_unit_c

This fields will be parts of the structs:

- ACCOUNT_DATA
- CL_ACCOUNT_BASE_API

The change affects the following messages:

- CC22 - Modify Account TRANSACTION
- CQ38 – Account Query
- CQ128 - Query Account VIM QUERY

1.5 Defect Corrections

1.5.1 GENIUM-31253

The struct otc_irs_data is currently not aligned correctly. The field filler_3_s will be removed from the struct and replaced by filler_5_s.

The change affects the following messages:

- KB1 - Directed OTC Trade Report
- KB14 - Directed OTC Give Up
- KQ1 - OTC Trade Report Query
- KQ2 - OTC Trade Report Query
- KQ3 - OTC Trade Report Query Version
- KQ14 - Query OTC Give Up Request

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