UBS MTF

MiFID II Identifier Management

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1. Revision History

Version	Date	Changes and remarks
3.0	2019-03-21	Added additional fields for reporting of transactions for non TR members. Specified file encodings and updated front matter.
2.0	2017-08-25	Updated and expanded following initial publication Timings added and additional example on modification of mappings.
1.0	2017-04-28	Initial release

2. Summary

The document describes the interface for use by UBS MTF Participants to manage the registration of identifiers, as required under MiFIR ArticlesArticle 25 and 26(5) [1] , RTS 22 [2], and RTS 24 [32]. . Participants will be required to provide this information to UBS MTF starting no later than January 3 2018, in order for UBS MTF to record this information as required under this regulation.

Participants are be required to provide this information to UBS MTF ,in order for UBS MTF to record this information as required under these regulations for the purposes of order record-keeping and transaction reporting by UBS MTF.

2.1.   Background

MiFID II record-keeping requirements outlined within MiFIR Article 25 & detailed in RTS 24 mandate that trading venues are required to store specific data relating to individual orders submitted by their participants. The following fields are part of the regulatory mandate. UBS MTF participants must send this data on the order message where applicable:

1) Identification of the entity which submitted the order
2) DEA indicator
3) Client identification code (LEI/National ID/AGGR/PNAL)
4) An identifier for the party within the participant firm who is responsible for the investment decision
5) An identifier for the party within the participant firm who is responsible for the execution of the transaction resulting from the order
6) Any non-executing broker (N/A for UBS MTF)
7) Liquidity provision indicator

UBS MTF supportswill support entry of this information on order submission via FIX protocol, however in order to reduce the amount of sensitive data entering the trading system, and to reduce message sizes and to improve system performance, the client identifier, decision maker and the party responsible for the execution are not provided as raw identifiers on the order message, and must instead be sent as integer short codes. These short codes provide a reference to the raw value (the 'long code') and related information,), which participants must be provide separately by the participant via a mapping file as described in this document.

Non-TR members (as defined in the UBS MTF Rule Book), must provide additional information to support UBS MTF's transaction reporting obligations under MiFIR Article 26(5) for natural persons), for fields 6-10 as given below.

2.2.   Reserved values

The following four values are reserved and may not be registered as short codes, but should be used as applicable on order messages sent via FIX protocol:

For *Client identification code* (PartyRole=3):

0 = NONE – No client for this order

1 = AGGR – An aggregation of multiple client orders

2 = PNAL – Clients are pending allocation

For *Execution within firm* (PartyRole = 12):

3 = CLIENT - Time and venue of the order instructed by the client of the participant

2.2.2.3. Functionality

UBS MTF supports~~will support~~ submission and reconciliation of identifier data via the following operations:

- **Registration of short code mappings**

    Via bulk upload in CSV format, with effective date range and identifier types.
- **Listing of missing mappings ('Reminder File')**
    Download of a CSV file containing a list of short codes supplied on orders, but which do not yet have a mapping registered for that date. Missing mappings will be reported for the current trade date and prior two Business Days only.

2.3.2.4. Service Access

Files must~~will~~ be transferred via either SCP or SFTP to **sftp.ibb.ubs.com**, port **22**.

A parallel test service is~~will be made~~ available at sftp.ibb.ubstest.com, port **22**. Participants are~~will be~~ required to pass a conformance test before accessing the production system.

Participants must~~will be required to~~ provide technical and contact details as requested in the UBS MTF Registration Form for Submission of MiFID II Identifiers at [43] prior to conformance testing and production use. Please contact UBS MTF support to request access.

2.4.2.5. Interface changes

UBS MTF may add additional columns to the files specified in this document in future, however existing columns will not be removed or reordered without prior communication via Market Notice.

It is strongly recommended that users these file be prepared to ignore new columns which are added over time.

3. Submission Format

3.1. Naming

```
/uploads/MXXX_identifiers_YYYYMMDD_NNNN.csv
```

Where MXXX is the member's primary participant code, and

YYYMMDD is the current calendar day, and NNN is a counter, starting at 0001. If necessary, further submissions can be made on the same day, with counter incremented, i.e., 0002, 0003, etc.

3.2. Content

Files must be encoded in UTF-8, or US-ASCII. Field content must be populated in accordance with the relevant definitions in RTS 22 [2].

Field	Column Name	Data Type	Description
1	Short Code	Integer	Mandatory. Values between 4 and 4,294,967,296 are permitted.
			Values 0 to 3 are reserved (see UBS MTF FIX RoE at [43]). Attempting to register a long code against these values will result in the registration failing.
2	Long Code	String	Mandatory. Algorithm ID (free text, up to 50 characters), or
			Legal entity identifier as defined in ISO 17442 (20 characters), or National ID (35 characters), as specified in [24].
			(RTS 22 fields 7, 12, 16, 21, or 59)
3	Type	String	Mandatory. Specifies which of the six types of identifier the short code represents • "Client-Person" (long code is a National ID) • "Client-Entity" (long code is an LEI) • "InvestorDecisionMaker-Person" (National ID) • "InvestorDecisionMaker-Algo" (Algorithm ID) • "ExecutionDecisionMaker-Person" (National ID) • "ExecutionDecisionMaker-Algo" (Algorithm ID)
4	Effective Date	ISO 8601 Date	Mandatory (as YYYY-MM-DD) Date which this registration is effective from.
5	End Date	ISO 8601 Date	Optional, as (as YYYY-MM-DD). Populate) Mandatory (as YYYY-MM-DD), if an end date for the registration is known, otherwise leave empty if an end date for the registration is not known.
6	Country of Branch	ISO 3166–1 alpha 2	*Mandatory for non-TR participants only.* *For clients*: Country of the member firm's branch receving the client order's (or the member firm's home state if no applicable branch) for the client (RTS 22 fields 8, 17). *For investment and execution decision maker persons*: Country of the branch supervising the person responsible for the investment decision

			(RTS 22 fields 58, 60), or home state where the person responsible is not supervised by a branch.
7	First Name	Up to 140 Alphanumerical characters	*Mandatory for non-TR participants only.* Full first name(s) of the client or investment decision maker, if a natural person. In case of more than one first name, all names shall be included in this field separated by a comma. (RTS 22 fields 9, 13, 18, or 22.
8	Last Name	Up to 140 Alphanumerical characters	*Mandatory for non-TR participants only.* Full surname(s) of the client or investment decision maker. In case of more than one surname, all surnames shall be included in this field separated by a comma. (RTS 22 fields 10, 14, 19, or 23.
9	Date of Birth	ISO 8601 Date	*Mandatory for non-TR participants only.* Date of birth of the client or investment decision maker, if a natural person. (RTS 22 fields 11, 15, 20, or 24.
10	National Identifier Subtype	String	*Mandatory for non-TR participants only.* For National IDs of natural persons. Must be one of: "NIDN" if a national ID, or "CCPT" for a passport Number, or "CONCAT" for a concatenation of nationality, date of birth and name abbreviation, as specified in Annex II of [2]

3.3. Example I – For UK Members

```
Short Code,Long Code,Identifier Type,Effective Date,End Date
27,221454659,Client-Person,2017-06-01,2018-01-01
27,13341233423,Client-Person,2018-01-02,
29,335123053,Client-Entity,2017-02-01,
30,ABCx76x,InvestorDecisionMaker-Person,2017-01-01,
```

3.4. Example II – Non–TR Members

```
Short Code,Long Code,Identifier Type,Start Date,End Date,Country of Branch,First
Name,Last Name,Date of Birth,National Identifier Subtype
1991,US19800326AARONROGER,ExecutionDecisionMaker-Person,2019-03-01,,,,,,CONCAT
400336605,410267926,Client-Entity,2019-01-03,2019-01-03,,,,,
28500,,Client-Entity,2019-03-01,,,,,,
28651,,Client-Entity,2019-03-01,,,,,,
9028,US123456789ZZ,Client-Person,2019-03-01,,,PAUL,O'CONNOR,1941-03-04,CCPT
9588,FR19631203ANNEMBERG#,Client-Person,2019-03-01,,FR,ANNE-MARIE,BERG,1963-12-03,CONCAT
2880,RO1234567890123,Client-Person,2019-03-01,,,DAVID,ȘTEFAN,1952-05-08,NIDN
```

4. Reminder File

UBS MTF will generate a daily report for each Participant, containing a list of missing and newly-seen identifiers for the current and two prior Business Days prior to the current day. This file will be available each Business Day following market close. If no identifiers are missing, the file will be generated with the header line only.

This file will be made available for download at 18:00 on each day UBS MTF is open for trading.

4.1.   Heading

```
/feedback/MXXX_missing_registrations_YYYYMMDD.csv
```

4.2.   Content

Also encoded in UTF-8.

4.2.   ~~Data~~

Column Name	Data Type	Description
Short Code	Integer	The short code.
		This corresponds to FIX order tag PartyID(448)
Identifier Type	String	The type of identifier submitted.
		This corresponds to the FIX order PartyRole and PartyRoleQualifier as follows:

FIX PartyRole	FIX PartyRoleQualifier	Identifier Type
ClientId (FIX field value:3)	Firm or Legal Entity (FIX field value:23)	Client-Entity
ClientId (3)	Natural Person (24)	Client-Person
Executing Trader (Executing decision maker) (12)	Algorithm (22)	ExecutionDecisionMaker-Algo
Executing Trader (Executing decision maker) (12)	Natural Person (24)	ExecutionDecisionMaker-Person
Investment Decision Maker (122)	Algorithm (22)	InvestorDecisionMaker-Algo
Investment Decision Maker (122)	Natural Person (24)	InvestorDecisionMaker-Person

Start Date	ISO 8601Date	First date of the period for which the short code does not have a corresponding long code registered.
End Date	ISO 8601Date	Last date of the period for which the short code does not have a corresponding

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long code registered.

4.3. Example

```
Short Code,Identifier Type,Start Date,End Date
101,Client-Person,2018-01-03,2018-01-05
101,Client-Person,2018-01-15,2018-01-16
103,Client-Person,2018-01-03,2018-01-03
104,Client-Entity,2018-01-03,2018-01-03
105,Client-Entity,2018-03-04,2018-03-05
```

5. Timing of Submission

Participants are encouraged tomay register short codes in advance of use. Where short codes are not registered before first use, they must be submitted the same Business Day, no later than 24:00 UK time.

6. Revision of Mapping Information

Once registered, mappings remain valid from the effective date stated, until the end date (where given).

Existing mappings may be amended by submitting new records in a later file, however this may only be done for the current date and where necessary the two prior Business Days, i.e where the start date of a new registration is more than two Business Days prior to the current date, the new registration will not be accepted.

Where no end date is specified at registration, a mapping remains effective until further notice.

Where a newly-received mapping defines an end date earlier than a prior mapping, the prior registration remains in force for trading dates after the newly-given end date.

6.1. Example

A short code is registered on 3 January 2018, effective that day until 31 December 2018.

A second registration is made the following calendar day, effective 4 January – 30 June:

Submission date	Short code	Long code	Effective date	End date
03/01/18	523	ABCD	03/01/18	31/12/18
04/01/18	523	EFGH	04/01/18	30/06/18

The effective mappings are as follows:

3 January 2018	523 -> ABCD
4 January – 30 June	523 -> EFGH
31 June – 31 December	523 -> ABCD
1 January 2019 onwards	No registration in effect

7. References

[1] European Commission, "Markets in Financial Instruments (MiFIR) - Regulation (EU) No 600/2014," [Online]. Available: https://ec.europa.eu/info/law/markets-financial-instruments-mifir-regulation-eu-no-600-2014_en.

[2] European Commission, "Commission Delegated Regulation (EU) 2017/590580 (RTS 22)," 28 July24)," 24 6 2016. [Online]. Available: http://data.europa.eu/eli/reg_del/2017/590580/oj.

[3] European Commission, "Commission Delegated Regulation (EU)UBS Ltd, "UBS MTF Member Information," 2017/580 (RTS 24)," 24 6 2016. [Online]. Available: http://data.europa.eu/eli/reg_del/2017/580/ojhttps://www.ubs.com/global/en/investment-bank/multilateral-trading-facility/member-information.html.

[4] UBS Ltd, "UBS MTF Member Information,"European Commission, "Commission Delegated Regulation (EU) 2017/590 (RTS 22)," 28 July 2016. [Online]. Available: https://www.ubs.com/global/en/investment-bank/multilateral-trading-facility/member-information.htmlhttp://data.europa.eu/eli/reg_del/2017/590/oj.