EuroTLX Market
ANA file service
- Enriched -

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Contents

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1. Introduction

1.1. Scope

This document defines the format of the ANA files available on the ~~EuroTLX~~ **Borsa Italiana** FTP server **related to EuroTLX Market**.

1.2. Document history

This document has been through the follow iterations:

Issue	Date	Description
3.0	February 2014	First issue of this document published via the EuroTLX's website and distributed to customers.
4.0	April 2014	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.1.10, 4.1.18, 4.3
4.1	July 2014	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.1.6, 4.1.17, 4.1.18, 4.1.27, 4.1.29, 4.4.6, 4.7, 4.7.4
4.2	October 2014	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.3.8, 4.4.7
4.3	November 2014	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.1.29, 4.1.31, 4.7.4, 4.10.4

4.5	January 2015	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.3, 4.3.12 (added)
4.6	April 2015	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.3.9, 4.3.10, 4.10 The release 4.6 has been posponed (see EuroTLXNews of 16 June 2015)
4.7	June 2015	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.1.10, 4.1.11, 4.3.9 respect of the release 4.5
4.8	July 2015	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes, as planned in 4.6 release, are applied in the following sections: 4.3.10, 4.10
4.9	July 2016	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 3, 4.1.26, 4.1.28, 4.1.29, 4.1.31, 4.3.7, 4.3.8, 4.5.2, 4.11(added), 4.12(added), 4.13(added), 4.14(added), 4.15(added), 4.16 (added)
4.10	Novembre 2017	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.1.17, 4.4.7
4.11	May 2018	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 4.17 (added), 4.18 (added)
5.0	March 2019	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: 2.2 Acronyms and

		Definitions (deleted), 4.1 ANA_Instrument.txt (deleted), 4.2 ANA_Market (deleted), 4.3 ANA_Instrument_Market (deleted), 4.4 ANA_Instrument_Country, 4.5 ANA_Market_Date, 4.6 ANA_CCP.
5.1	June 2019	Updated version of this document published via the EuroTLX's website and distributed to customers. The changes are applied in the following sections: INSTR_REFDATA_EQUITY_yyyymmdd_std_tomorrow.csv; INSTR_REFDATA_FIXED_INCOME_yyyymmdd_std_tomorrow.csv and INSTR_REFDATA_CERTIFICATES_DERIVATIVES_yyyymmdd_std_tomorrow.csv
5.2	January 2020	Updated version of this document published via the Borsa Italiana's website. The changes are applied to adapt the wording as a result of the merger of EuroTLX SIM S.p.A. into Borsa Italiana S.p.A.. From 1st January 2020, the Multilateral Trading Facility EuroTLX® it is operated by Borsa Italiana S.p.A.

In subsequent issues, where amendments have been made to the previous version, these changes will be identified using a series of side bars as illustrated opposite.

2. General

The ANA flow consists of the following files:

1. **ANA_Instrument_Coupon.csv (see 3.1)**

It contains the coupon plans of the tradeable instruments, or expected to be tradeable in a short period, in EuroTLX® market.

2. **ANA_NextSettlementDate.csv (see 3.2)**

For tradeable instruments, it indicates the settlement date that refers to the following trading date respect to the current date.

3. **INSTR_REFDATA_EQUITY_yyyymmdd.csv (see 3.3)**

It contains the equity segment reference data (referred to as "MIT305").

4. **INSTR_REFDATA_FIXED_INCOME_yyyymmdd.csv (see 3.4)**

It contains the fixed income segments reference (referred to as "MIT305").

5. **INSTR_REFDATA_CERTIFICATES_DERIVATIVES_yyyymmdd.csv (see 3.5)**

It contains the certificate segments reference data (referred to as "MIT305").

6. **INSTR_CURRENCY_EUROTLX_yyyymmdd.csv (see 3.6)**

It contains the data to manage the conversation between trading and settlement currencies (referred to as "MIT306").

7. **TLX_CALENDAR.csv (see 3.7)**

It contains the EuroTLX trading calendar (referred to as "MIT308").

8. **RFQ_MARKET_MAKER_LIST_yyyymmdd.csv (see 3.8)**

It contains for each financial instrument at least one market maker eligible to receive private RFQ (referred to as "MIT309").

9. **INSTR_REFDATA_EQUITY_yyyymmdd_std_tomorrow.csv (see 3.9)**

It contains the equity segment reference data (referred to as "MIT305").

10. **INSTR_REFDATA_FIXED_INCOME_yyyymmdd_std_tomorrow.csv (see 3.10)**

It contains the fixed income segments reference (referred to as "MIT305").

11. INSTR_REFDATA_CERTIFICATES_DERIVATIVES_yyyymmdd_std_tomorrow.csv (see 3.11)

It contains the certificate segments reference data (referred to as "MIT305").

12. ANA_TargetMarketProfessionalOnly_NoKID.csv (see 3.12)

It indicates, for all the tradeable instruments or expected to be tradeable in a short period in EuroTLX market, whether the official documentation outlines a "Professional Only" Manufacturer's Target Market and/or the absence of the KID.

13. ANA_LP_OBLIGATIONS_TLX.csv (see 3.13)

For each tradeable instrument, it lists the market makers or specialists liquidity obligations.

It contains a record for each instrument/market maker or specialist.

N.B.: Where specified, the lists of allowed values are for guidance only, as Borsa Italiana SpA reserves the right to set new values without notice.

3. File Format

The files are created in accordance with the following specifications:

File format	Csv
Fields delimiter	; (semicolon)
Decimal symbol	. (point)
Digit grouping symbol (thousands separator)	none
Date fields format	yyyymmdd
Character set	ISO/IEC 8859-15 (Latin-9)

The fields length is variable, moreover the maximum length for the field is defined in the datatype column of the tables below.

3.1. Instrument Coupon

This file (**ANA_Instrument_Coupon.csv**) contains the scheduled coupon payments of the tradable instruments in EuroTLX®, when there is one coupon or part of this traded clean price. Also financial instruments that are going to be traded in a future date can be included.

Field	Mandatory	Format	Len.	Ref.
ISIN Code	Yes	Char	12	3.1.1
Interest Start Date	Yes	Date	8	3.1.2
Interest End Date	Yes	Date	8	3.1.3
Coupon	Yes	Number	10,5	3.1.4
Record Date	No	Date	8	3.1.5
Accrual method	No	Char	50	3.1.6
Coupon type	No	Char	50	3.1.7
Frequency	Yes	Number	2	3.1.8
Calculation Method	Yes	Char	50	3.1.9

3.1.1. ISIN Code

The ISIN code of the financial instrument described in the following fields.

3.1.2. Interest Start Date

The first accrual date of the coupon identified in the field "coupon", referred to the instrument identified by the ISIN Code.

3.1.3. Interest End Date

The end of the accrual period of the coupon identified on the field "coupon", referred to the instrument identified by the ISIN Code.

3.1.4. Coupon

The coupon value on annual basis, whose accrual period begins from the “Interest Start Date” and ends on the “Interest End date”.

In case of “Frequency” different from “12” , “Accrual method” equal to “Actual/Actual” and accrual period irregular (Short or long period), the coupon value is equal to the effective periodic rate on annual basis.

In case of “Frequency” different from “12” ,“Accrual method” equal to “Actual/Actual”, the coupon value is equal to the periodic rate multiplied by the Frequency.

3.1.5. Record Date

The record date that refers to the coupon period beginning from the “Interest Start Date” and ending on the “Interest End date”

3.1.6. Accrual Method

The method used for calculating the accrual rate.

At the moment, the allowed values are:

“30E/360”

“Actual/360”

“Actual/Actual”

“Actual/Actual Annual”

“Actual/365”

This information should not be considered during the Distribution period.

In order to identify the financial instrument that are in the “Distribution period” please see the files INSTR_REFDATA_EQUITY_yyyymmdd.csv, INSTR_REFDATA_FIXED_INCOME_yyyymmdd.csv, INSTR_REFDATA_CERTIFICATES_DERIVATIVES _yyyymmdd.csv (see 3.3, 3.4, 3.5).

3.1.7. Coupon type

The method to determine the coupon type.

At the moment, the allowed values are:

“MULTI COUPON”

“ONE COUPON”

“REVERSE”

“STEP COUPON”

“TITOLO CON CEDOLE TF”

“TITOLO CON CEDOLE TV”

“ZERO COUPON”

3.1.8. Frequency

Frequency at which the coupon is detached, expressed as a number of months. For example, a value of 3 would mean quarterly, and 6 would mean every semester (6 months), etc.

This information should not be considered during the Distribution period.

In order to identify the financial instrument that are in the “Distribution period” please see the files INSTR_REFDATA_EQUITY_yyyymmdd.csv, INSTR_REFDATA_FIXED_INCOME_yyyymmdd.csv, INSTR_REFDATA_CERTIFICATES_DERIVATIVES _yyyymmdd.csv (see 3.3, 3.4, 3.5).

3.1.9. Calculation Method

It represents the trading method for the specific coupon if available: dirty, clean or partly dirty and partly clean price.

At the moment, the allowed values are:

“SECCO” (ex coupon)

“TEL QUEL” (cum coupon)

“MISTO” (ex coupon for the clean part)

This information should not be considered during the Distribution period.

In order to identify the financial instrument that are in the “Distribution period” please see the files INSTR_REFDATA_EQUITY_yyyymmdd.csv, INSTR_REFDATA_FIXED_INCOME_yyyymmdd.csv, INSTR_REFDATA_CERTIFICATES_DERIVATIVES _yyyymmdd.csv (see 3.3, 3.4, 3.5).

3.2. Next Settlement Date

This file (**ANA_NextSettlementDate.csv**) contains, for each financial tradable instrument in EuroTLX®, the settlement date that refers to the following trading day, respect to the current trading date.

Field	**Mandatory**	**Format**	**Len.**	**Ref.**
ISIN Code	Yes	Char	12	3.2.1
Trading Code	Yes	Char	20	3.2.2
Trading Date	Yes	Date	8	3.2.3
Settlement Date	Yes	Date	8	3.2.4

3.2.1. ISIN Code

The ISIN code of the financial instrument univocally identified by the Trading Code field **(in MIT 305 files, Trading Code coincide with ISIN code for Fixed Income and with Security Code for Equities and Certificates Derivatives).**

3.2.2. Trading Code

This is the unique code within the EuroTLX® market that identifies the financial instrument.

It is equal to the ISIN code for Bonds. **It is equal to the Security Code for Equities and for Certificates Derivatives.**

3.2.3. Trading Date

For each financial instrument it indicates the trading date whom the settlement date in the Settlement Date field refers to (the trading date successive to the current one).

3.2.4. Settlement Date

For each financial instrument it indicates the settlement date that refers to the trading date in the Trading Date field.

3.3. INSTR_REFDATA_EQUITY_yyyymmdd.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.4. INSTR_REFDATA_FIXED_INCOME_yyyymmdd.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.5. INSTR_REFDATA_CERTIFICATES_DERIVATIVES_yyyymmdd.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.6. INSTR_CURRENCY_EUROTLX_yyyymmdd.csv

Refers to MIT306 full specification document for record layout and data layout.

The latest version of MIT306 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.7. TLX_CALENDAR.csv

Refers to MIT308 full specification document for record layout, data layout and field value codes.

The latest version of MIT308 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.8. RFQ_MARKET_MAKER_LIST_yyyymmdd.csv

Refers to MIT309 full specification document for record layout and data layout.

The latest version of MIT309 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

3.9. INSTR_REFDATA_EQUITY_yyyymmdd_std_tomorrow.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

This file includes only the instruments with listingStartDate the next trading date and, for this reason, the following fields are not available:

prevDayOfficialPrice

prevDayRefPrice

lastPriceInPrecedingSession

lastPriceInPrecedingSessionDate

3.10. INSTR_REFDATA_FIXED_INCOME_yyyymmdd_std_tomorrow.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

This file includes only the instruments with listingStartDate the next trading date and, for this reason, the following fields are not available:

prevDayOfficialPrice

prevDayRefPrice

lastPriceInPrecedingSession

lastPriceInPrecedingSessionDate

3.11. INSTR_REFDATA_CERTIFICATES_DERIVATIVES_yyyymmdd_std_tomorrow.csv

Refers to MIT305 full specification document for record layout, data layout and field value codes.

The latest version of MIT305 document can be found at the following links:

~~https://www.eurotlx.com/it/manualiedocumentazionetecnica~~

~~https://www.eurotlx.com/en/manualsandtechnicaldocumentation~~

https://www.borsaitaliana.it/borsaitaliana/information-services/dati-eurotlx/dati-eurotlx.en.htm

This file includes only the instruments with listingStartDate the next trading date and, for this reason, the following fields are not available:

prevDayOfficialPrice

prevDayRefPrice

lastPriceInPrecedingSession

lastPriceInPrecedingSessionDate

3.12. ANA_TargetMarketProfessionalOnly_NoKID

The file (**ANA_TargetMarketProfessionalOnly_NoKID.csv**) indicates, for all the tradeable instruments or expected to be tradeable in a short period in EuroTLX market, whether the official documentation outlines a "Professional Only" Manufacturer's Target Market and/or the absence of the KID.

Field	**Mandatory**	**Format**	**Len.**	**Ref.**
ISIN Code	Yes	Char	12	3.12.1
Target Market Professional Only and/or No KID	No	Char	32	3.12.2

3.12.1. ISIN Code

The ISIN code for the financial instrument.

3.12.2. Target Market Professional Only and/or No KID

Where the official documentation outlines a "Professional Only" Manufacturer's Target Market and/or the absence of the KID the value displayed is "TMPONK", otherwise the field is not filled.

3.13. ANA_LP_OBLIGATIONS_TLX_yyyymmdd.csv

For each tradeable instrument, the file (**ANA_LP_OBLIGATIONS_TLX_yyyymmdd.csv**) displays the liquidity obligations of market makers and specialists. It contains a record for each instrument/liquidity provider.

Field	**Mandatory**	**Format**	**Len.**	**Ref.**
Market Code	Yes	Char	4	3.13.1
Obligations	Yes	Char	100	3.13.2
Liquidity Provider	Yes	Number	4	3.13.3
Isin Code	Yes	Char	12	3.13.4
Max Spread Value	Yes	Number	30,4	3.13.5
Minimum Quote Size	Yes	Number	30,4	3.13.6
Trading Date	Yes	Date	8	3.13.7

3.13.1. Market Code

It is always filled with "ETLX" which indicates the EuroTLX® market.

3.13.2. Obligations

The allowed values are:

"MiFiD2" (Dual side obligation)

"LPB" (Buy side obligation)

"LPA" (Sell side obligation)

3.13.3. Liquidity Provider

The Market Maker or Specialist, identified by the participant CED code, that has liquidity obligation on the financial instrument identified by the Isin Code field.

3.13.4. Isin Code

The ISIN code for the financial instrument.

3.13.5. Max Spread Value

The maximum spread allowed for the financial instrument identified by the Isin Code field.

This value has to be considered only if Obligations is “MiFiD2”.

3.13.6. Minimum Quote Size

The minimum amount of the financial instrument for which the Liquidity Provider shall display Quotes considering the Obligations’ side.

3.13.7. Trading Date

Trading day in YYYYMMDD format