

London Stock Exchange Group Group Ticker Plant

Release Note



09 September 2020

Change Log:

Version	Date	Change Description
2.5	23 October	1.4.3.0 to Production Removed GTP-10008, GTP-10010, GTP-9306 Added CPX Orders to summary
2.6	23 October 2018	Added GTP Milan 1.4.3.0 – Supporting BIT and EuroTLX R9.3 upgrade
2.7	14 November 2018	Separated NYLON
2.8	23 January 2019	Added 1.4.3.7 Added new issue GTP-10470, GTP-10556, GTP-6983, GTP-10557 Removed fixed issues GTP-10161, GTP-9307, GTP-8586, GTP-8257, GTP-8270, GTP-8428, GTP-8395, GTP-9863
2.9	26 October 2019	Added 1.4.3.11 Added new issue GTP-11628 Removed fixed issues GTP-10470, GTP-7990, GTP-10168, GTP-9054, GTP-8999
2.10	03 February 2020	Added 1.4.4.6 Added new issue GTP-11914 Removed fixed issues GTP-10181, GTP-8387. Updated GTP-5043 to state that it now only applies to BIT-TAH.
2.11	19 March 2020	Updated to 1.4.4.9 product release
2.11.1	27 May 2020	Updated to 1.4.4.10 product release applicable to GTP Milan
2.12	06 July 2020	Added details for Release 1.4.5.0 Added an issue GTP-9709 Removed fixed issues GTP-10557, GTP-6983
2.13	09 September 2020	Added an issue GTP-12663

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GTP Release 1.4.5.0

Notable changes for GTP release 1.4.5.0 include the following. This release is expected to go-live for the GTP's London instance on the 19th September 2020. For GTP's Milan instance, this release will be promoted next year.

1. Update Average Daily Turnover (ADT) Field on the Instrument Directory Message to Price4

GTP publishes Instrument Directory message with field ADT, where data type of the field is set as a Price field (Signed Little-Endian encoded 64bit integer field with 8 implied decimal places). In cases when instrument's ADT exceeds the maximum value possible using this data type, then GTP publishes the Instrument Directory messages with the ADT value set to zero.

Therefore, to improve this behaviour, the datatype is being updated to Price4 for this field (Signed Little-Endian encoded 64bit integer field with 4 implied decimal places. Handling negative values will be similar to that of Price data type fields). This will allow GTP to publish higher decimal values in comparison to today. **The Length and Offset of the field will remain as is today**, the change is only to the datatype of this field.

2. Changes to PSizeFlag field and PTLargeInScaleFlag field on the MiFID Trade, MiFID Cross Trade and MiFID Trade Report Messages

At present the PSizeFlag field has two possible values, these are 'SIZE' and 'ILQD', while the PTLargeInScaleFlag has one value 'LRGS'. This is being re-arranged such that the 'ILQD' value will stand alone on its own, in one field, whereas the 'SIZE' value will now coexist with the 'LRGS' value on the other field. **Lengths, Datatypes and Offsets will remain as they are today** for these two fields, and will not change, however values will be re-arranged as mentioned here, and the name of the field as stated on the specification will be updated to reflect the change. The two new names will be PTliquidFlag and PTDeferralReasonFlag.

This is done merely to change the protocol to be able to support publication of ILQD and SIZE values simultaneously as laid out on MiFiD II RTS2 guidelines, without enforcing them to be mutually exclusive due to how they are arranged on the Market Data Protocol, as was the case previously on GTP.

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Changes on Release 1.4.5.0 that are Specific to GTP's London instance, which are already live in the GTP Milan Instance (Release 1.4.4.10) are as follows;

1. Latency of Level 2 incremental primary and secondary multicast service

Level 2 incremental primary and secondary multicast feeds will be published with similar latency, whereas the secondary feed has higher latency than the corresponding primary feed in current live release.

2. Availability of Level 2 incremental primary and secondary multicast service

Level 2 incremental primary and secondary multicast feeds will be available even in case of a failure of the primary gateway. Previously, on failure of the primary gateway, the primary multicast service ceased to be available to clients. From this release onwards, even after failure of the primary gateway for the Level 2 incremental feeds, both the primary and secondary multicast services will still be made available to support feed arbitration. Unicast services will remain as today and will only be provided on the secondary gateway and its feed, in case of failure of the primary gateway.

Further details can be found in GTP002 Technical Guide Issue v19.12 and greater.

For more information on Production and CDS release dates, please contact Technical Account Management team at londonTAM@lseg.com

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Log of Known Issues – 1.4.5.0

All issues present in 1.4.5.0; inclusive of past issues found in previous releases and new issues found in Release 1.4.5.0.

New in Release 1.4.5.0	Issue Identifier	Title	Venues Affected	Description
Yes	GTP-12663	GTP republishes all the data via TRADEcho SI Quote Channels after failover to SDC	TRADEcho	After SDC Invocation, the SI Quotes Order Book is replayed to clients starting from the beginning of the day, and these may be Add/Delete/Modify Orders based on the previous activity on the day for the SI Quote Order Book. This is followed by Realtime updates to the Order Book. Due to the incremental approach to re-building Order Book, the current SI Quote Order Book state is established after some time following SDC Invocation due to replaying all updates to the Order Book picture, instead of providing a snapshot of the current position.

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<u>No</u>	<u>GTP-9709</u>	<u>High latency and unexpected timestamps are observed during transition from Level 1 intraday auction to Regular Trading</u>	<u>LSE</u>	<p><u>This is a behaviour that is observed after the Level 1 – Intra-day Auction in LSE. Does not apply for any other cases.</u></p> <p><u>The Order Book is cleared at the Start of this Auction as it is a Dark Auction. After the end of the Auction, the order book is republished by GTP on moving to the Regular Trading Session.</u></p> <p><u>On re-publishing the Order Book, all real-time events are held in queue until order book re-publication is complete. The real-time events are held in queue after being timestamped.</u></p> <p><u>Once the order books have re-publication has been completed the events held in queue are released. This leads to observation of a few messages with earlier timestamps on the feed.</u></p>
No	GTP-10557	MiFID Trade Report displays SIZE or ILQD flag not both	TRADEcho	SIZE and ILQD flag on MiFID Trade Report are mutually exclusive, only SIZE flag is displayed.
No	GTP-6983	Unexpected TOB updates on intraday auction	LSE	Unexpected BBO updates published after activation of the instrument inactivated during Level 1 Intraday Auction.

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No	GTP-9306	Incorrect rounding on Notional Amount	LSE/ BIT	MiFID Trade and MiFID Cross Trade messages are incorrectly rounding to 3 decimal places instead of 4
No	GTP-9056	MiFID Trade Report does not publish negative values	TRADEcho	'Quantity in Measurement Unit' field on the MiFID Trade report does not support negative values
No	GTP-8585	Statistics Snapshot Requests	Turquoise	Statistic Snapshot requests targeting Turquoise Lit Auctions venue which are initiated during or shortly after the auction period, may return inconsistent 'Auction Type' information.
No	GTP-8443	MiFID II Trade Cross and MiFID II Trade message contains incorrect default values	IDEM/ TRADEcho	Quantity in Unit Measurement and Notional Value fields defaults to '0' and spaces rather than just spaces.
No	GTP-8510	MiFID II Trade Report Amendment logic	TRADEcho	Upon the amendment of a previously amended trade report, the Transaction Identification Code (Trade ID) does not match the code on the original trade or the initial amendment code.
No	GTP-3924, GTP-5111, GTP-5106, GTP-6402	Increased latency on Statistics messages and Secondary ('B') market data feeds.	LSE/ Turquoise /BIT	Statistics messages and Secondary market data feeds may be subject to increased latency.

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No	BDM-808	Potential crossed book on IDEM full-depth incremental data services	IDEM	<p>A momentarily crossed book exists on the IDEM market across both full-depth multicast and GTP Lite market data services; this is due to the communication of an order modification prior to execution. This behaviour is present in Phase 1 Group Ticker Plant service lines but is not present on HSVF market data services.</p> <p>The Group is currently investigating a solution and will provide updates in due course.</p>
No	GTP-3675	Imbalance Quantity and Direction during Auctions	LSE	<p>Imbalance quantity and direction is not provided for auctions on the London Stock Exchange markets; indicative uncrossing price and volume are however provided. This will be provided in a future release.</p>
No	GTP-5330	Closing prices disseminated as -1 values	LSE	<p>Customers may note messages disseminated with -1 values set as their closing price. These instruments should be reported as having no close price or because the close was manually cleared by Market Operations.</p>
No	GTP-5043	BIT/EuroTLX Latency degradation	BIT-TAH	<p>Latency degradation on primary feeds of BIT/EuroTLX Channels during high volume of transactions</p>