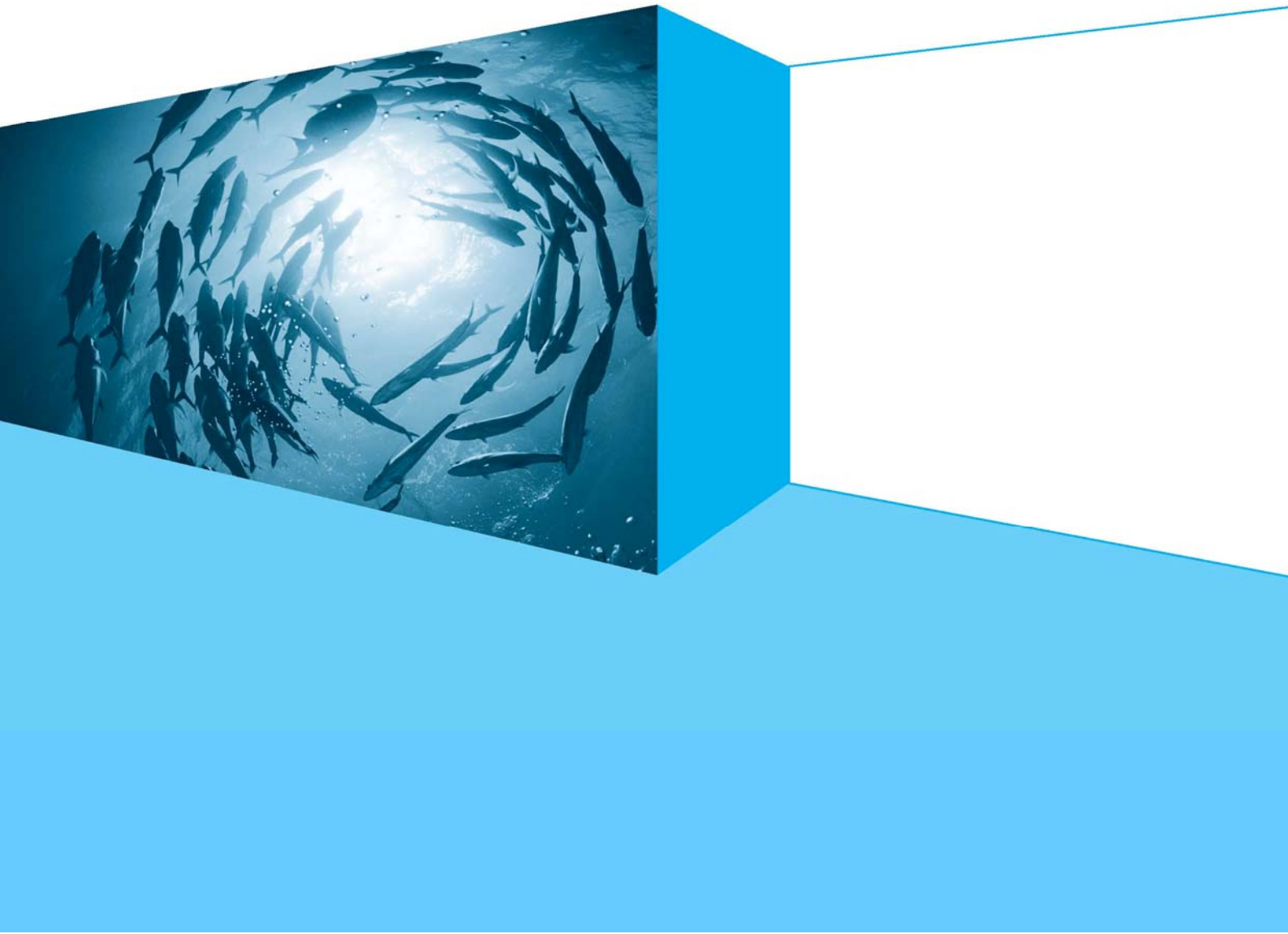


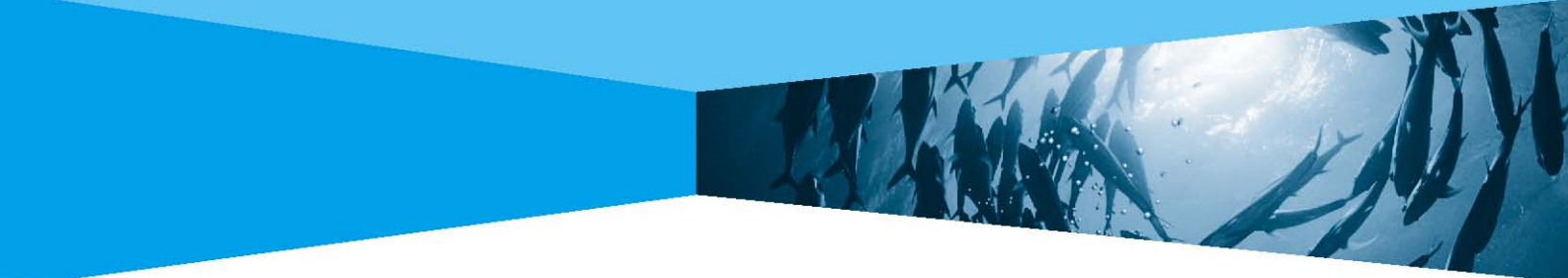


London
Stock Exchange Group

SERVICE & TECHNICAL DESCRIPTION · MARCH 2009

FTSE Italia Indices





Document History

March 2009 First issue published on website

Contents

Document History	2
Contents	2
1. Document Scope	3
2. Introduction to the Service	3
3. Technical Overview	3
3.1. Infolect	3
3.2. MDF/DDM Plus	4
3.3. Index composition	4
4. Customer Testing Services	4
5. Timescales	4
6. Customer Support	5
6.1. Client Services	5
6.2. Primary Account Manager	5
Appendix A	6
F03 – Italian Indices	6
Appendix B	7

1. Document Scope

The purpose of this document is to provide customers with an overview of the dissemination of the new FTSE Italia Index series on Infolect, the Group's high speed, market data ticker plant.

This document details the introduction of the new service and its technical configuration.

This publication constitutes an amendment to the Technical Specifications published by the London Stock Exchange Group Plc.

2. Introduction to the Service

As first communicated in December 2008 going forward the FTSE Group, the global index provider, will calculate real-time indices for Borsa Italiana's markets.

Following the merger between London Stock Exchange and Borsa Italiana the transition of these services is driven by a desire to harmonise index providers across the enlarged Group. The FTSE Group is the primary calculator of indices for the London Stock Exchange.

In addition to the current S&P/MIB index, the calculation of which will be unchanged in the transition and which will be re-branded FTSE MIB Index, FTSE will also extend coverage of the market by creating a new suite of investable equity indices covering an integrated range of market segments and sectors.

A full list of the published indices and the frequency of their calculation is included in Appendix A. The service will publish snapshot information from 05:00 to 20.30 each day.

3. Technical Overview

3.1. Infolect

To support the introduction of this new service Infolect will be enhanced with one new Service Channel, using the existing messages types disseminated for UK and International FTSE indices.

Service Name	Service Channel
FTSE Italia Indices	F03
<i>MESSAGE TYPES THAT MAY BE BROADCAST OVER THIS SERVICE CHANNEL:</i>	
50N AB	Index Status
50U AB	Index Value

Please refer to Appendix B for the full range of multicast addresses across all of the Group's testing and production environments.



3.2. MDF/DDM Plus

MDF/DDM Plus will also be enhanced to support the new real time indices and these will be delivered within V2.4 of the EMAPI. The end of day indices will not be available from MDF/DDM Plus however will be provided via a separate FTSE end of day service.

The new technical documentation for MDF/DDM Plus is available from the Market Software & Docs section of the Bit Systems website.

3.3. Index composition

Following the transfer of real-time indices calculation to FTSE the index composition information currently published on MDF/DDM Plus will be provided separately as a flat file published daily via an FTP server.

This service will be provided free of charge to all directly subscribed Infolect and MDF/DDM Plus customers. For more information please contact your account manager.

4. Customer Testing Services

The Customer Development Service (CDS), Conformance and High Volume Service (HVS) environments will be updated with the new Service Channel. CDS will disseminate a days worth of canned data for all Italian real time indices.

Testing for the new services on Infolect will be inline with the London Stock Exchange's standard accreditation policy. This states that Independent Software Vendors (ISVs) and customers with in-house software applications that do not currently subscribe to the existing FTSE services on Infolect will be required to complete a mandatory Information conformance test before subscribing to the new channel.

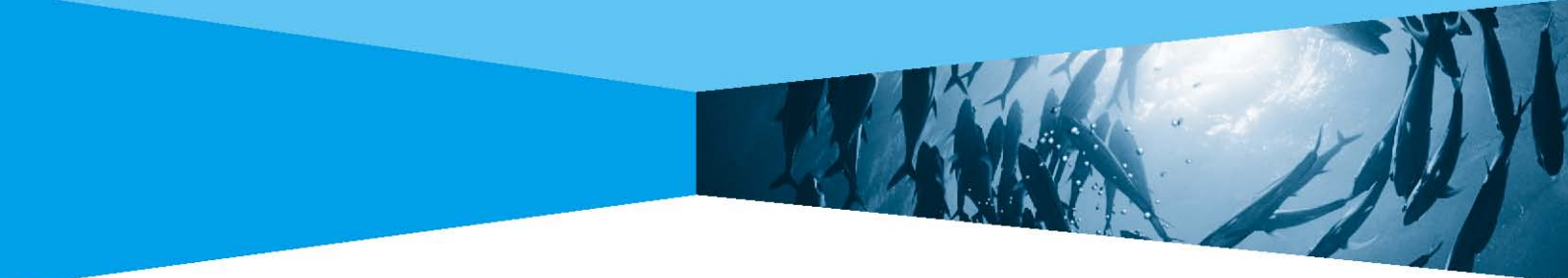
Customers using third party software will be required to complete a High Volumes (HVS) test.

Before receiving the service in production customers will be required to complete a Live Connectivity (LCON) test.

The MDF/DDM Plus testing services will be updated with the new services and testing of these changes will be incorporated within the testing for v2.4 of the EMAPI.

5. Timescales

The availability of the new services on the Infolect and MDF/DDM Plus Conformance and Customer Development Service environments will be confirmed by a separate announcement.



Due to the changes in EMAPI v2.4 the launch of the services in production will be in parallel with the migration of the Affari Phase II markets. This date will be confirmed by a separate announcement.

6. Customer Support

Please find below the contact details of the teams who will be supporting the introduction of this new service.

6.1. Client Services

Client Services will be responsible for co-ordinating the implementation of a customer's services on either Infolect or DDM Plus and will provide technical support during the roll-out of this new service. They may be contacted via:

- E-mail: Clients.services@borsaitaliana.it
- Telephone: +39 02 72426606

6.2. Primary Account Manager

Business related queries should be directed to your Primary Account Manager.

Further information on the service is available from www.ftse.com/italia.

Appendix A

Appendix A provides full details of the indices available on Infolect and their time of service.

F03 – Italian Indices

Index	Code	Start time (GMT)	End time (GMT)	Pub Interval
FTSE MIB Index	FTSEMIB	08:00:00	16:40	30 Sec
FTSE Italia Mid Cap Index	ITMC	08:00:00	16:40	15 Sec
FTSE Italia Small Cap Index	ITSC	08:00:00	16:40	15 Sec
FTSE Italia All-Share Index	ITLMS	08:00:00	16:40	15 Sec
FTSE Italia Micro Cap Index	ITMI	08:00:00	16:40	15 Sec
FTSE Italia STAR Index	ITSTAR	08:00:00	16:40	60 Sec
FTSE Italia All-Share Oil & Gas Index	IT0001	08:00:00	16:40	60 Sec
FTSE Italia All-Share Basic Materials Index	IT1000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Industrials Index	IT2000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Consumer Goods Index	IT3000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Health Care Index	IT4000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Consumer Services Index	IT5000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Telecommunications Index	IT6000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Utilities Index	IT7000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Financials Index	IT8000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Technology Index	IT9000	08:00:00	16:40	60 Sec
FTSE Italia All-Share Oil & Gas Index	IT0500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Chemicals Index	IT1300	08:00:00	16:40	60 Sec
FTSE Italia All-Share Basic Resources Index	IT1700	08:00:00	16:40	60 Sec
FTSE Italia All-Share Construction & Materials Index	IT2300	08:00:00	16:40	60 Sec
FTSE Italia All-Share Industrial Goods and Services Index	IT2700	08:00:00	16:40	60 Sec
FTSE Italia All-Share Automobiles & Parts Index	IT3300	08:00:00	16:40	60 Sec
FTSE Italia All-Share Food & Beverage Index	IT3500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Personal & Household Goods Index	IT3700	08:00:00	16:40	60 Sec
FTSE Italia All-Share Health Care Index	IT4500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Retail Index	IT5300	08:00:00	16:40	60 Sec
FTSE Italia All-Share Media Index	IT5500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Travel & Leisure Index	IT5700	08:00:00	16:40	60 Sec
FTSE Italia All-Share Telecommunications Index	IT6500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Utilities Index	IT7500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Banks Index	IT8300	08:00:00	16:40	60 Sec
FTSE Italia All-Share Insurance Index	IT8500	08:00:00	16:40	60 Sec
FTSE Italia All-Share Financial Services Index	IT8700	08:00:00	16:40	60 Sec
FTSE Italia All-Share Technology Index	IT9500	08:00:00	16:40	60 Sec

Appendix B

Appendix B details the multicast addresses for each service.

Please note that the messages will be available for re-request from both the London Stock Exchange and Borsa Italiana Interactive Services.

Production

Channel	Multicast Address	Port
F03	233.115.135.61	60000

Source Address: 10.1.44.115

CDS

Channel	Multicast Address	Port
F03	233.115.135.125	61000

Source Address: 10.5.51.115

Conformance

Channel	Multicast Address	Port
F03	233.115.135.189	62000

Source Address: 10.5.51.115

HVS

Channel	Multicast Address	Port
F03	233.115.135.253	63000

Source Address: 10.5.51.225