

# **Session on FIX and ITCH**

**Week 11**

January 23, 2015  
Ayala Board Room, 4 to 5pm



# Meeting Agenda

- I. Main Achievements in this Period
- II. Main Activities in the Next Period
- III. FIX 5.0 Certification
- IV. IWT Schedule

# Main Achievements in this Period

- I. 3 out 12 TPs have been certified
- II. 11 out 12 TPs who are subject for certification have successfully connected to Beta
- III. Application testing using Beta Release

# Main Activities in the next Period

- I. Submission of the 13<sup>th</sup> Milestone Report for FIX
- II. Submission of 8<sup>th</sup> Milestone Report for ITCH

# Milestone Report (FIX) – 10<sup>th</sup> & 11<sup>th</sup> Submission



**Criteria 1 (40%):** Application development completed based on FIX Specs

Completion Rate	No. of TP
Above 20%	15
Completed 40%	17
No response	2
<b>Total</b>	<b>34</b>

# Milestone Report (FIX) – 10<sup>th</sup> & 11<sup>th</sup> Submission



**Criteria 3 (10%)**: Broker infra setup complete as per PSE production connectivity requirement.

Completion Rate	No. of TP
0-5%	13
Above 5%	5
Completed 10%	16
<b>Total</b>	<b>34</b>

# Milestone Report (FIX) – 10<sup>th</sup> & 11<sup>th</sup> Submission



**Criteria 4 (10%)**: Broker infra was tested successfully with PSE infra.

Completion Rate	No. of TP
0-5%	13
Above 5%	5
Completed 10%	16
<b>Total</b>	<b>34</b>



# Milestone Report (FIX) – 10<sup>th</sup> & 11<sup>th</sup> Submission



**Criteria 5 (10%)**: System (application and infra) was tested against BETA environment and ready to undergo PSE Certification.

Completion Rate	No. of TP
0-5%	19
Completed 10%	13
No response	2
<b>Total</b>	<b>34</b>



# Milestone Report (FIX) – 10<sup>th</sup> & 11<sup>th</sup> Submission



**Criteria 6 (10%)**: System passed PSE Certification and ready for Industry Wide Testing (IWT).

Completion Rate	No. of TP
0-5%	29
Completed 10%	3
No response	2
<b>Total</b>	<b>34</b>

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



## Milestone Report Criteria:

Criteria	Percent
Application development completed based on ITCH Specs	50%
Application was tested successfully against Alpha 2 environment	10%
Infra setup complete as per PSE production connectivity requirement	10%
Infra was tested successfully with PSE infra	10%
System (application and infra) was tested against Beta environment*	10%
System encountered no error on the last Industry Wide Testing and is ready for Go Live*	10%

\*not yet applicable

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



## Criteria 1 (50%): Application development based on ITCH Specs

Completion Rate	Total View	Basic	Index	News
0% - 25%	5	4	4	3
26% - 50%	7	7	7	3
Will not subscribe	1	2	2	7

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



**Criteria 2 (10%): Application was tested successfully against ALPHA 2 environment**

Completion Rate	Total View	Basic	Index	News
0% - 5%	7	6	6	3
6% - 10%	5	5	5	3
Not Developing	1	2	2	7

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



**Criteria 3 (10%): Infra setup complete as per PSE production connectivity requirement**

Completion Rate	Total View	Basic	Index	News
0% - 5%	3	3	3	1
6% - 10%	8	8	8	4
Not Developing	1	2	2	7

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



**Criteria 4 (10%): Infra was tested successfully with PSE infra**

Completion Rate	Total View	Basic	Index	News
0% - 5%	6	5	6	2
6% - 10%	5	6	5	3
Not Developing	1	2	2	7

# Milestone Report (ITCH) – 7<sup>th</sup> Submission



**Criteria 5 (10%): System (application and infra) was tested against Beta Environment**

Completion Rate	Total View	Basic	Index	News
0% - 5%	6	4	4	2
6% - 10%	1	2	1	1
Not Developing	1	2	2	7



# FIX Issues:

## Issue #1: Trading Phase

Market Phase	Current	Effective January 26, 2015
Pre-Open	9:00AM	8:10AM
Pre-Open No Cancel	9:30 AM	9:00 AM
Continuous	10:00 AM	10:00 AM
Market Recess	12:00 AM	12:00 AM
Continuous	12:30 PM	12:30 PM
Pre-Close	5:30 PM	4:30 PM
Pre-Close No Cancel	6:00 PM	5:15 PM
Trading At Last	6:30 PM	6:00 PM
Market Close	7:00 PM	7:30 PM

# FIX Issues:

## Issue #2: Industry Wide Testing (IWT) Scenarios

No.	Objective	Schedule
1	Mock Trading using the Main Site (Production Site)	March 28, 2015
2	Mock Trading using the Main Site (Production Site)	April 11, 2015
3	Mock with Intraday Failover	April 18, 2015
4	Trading using the Secondary Site (DR Site)	April 25, 2015
5	Mock Trading using the Main Site (Production Site)	May 2, 2015

# FIX Issues:

Issue #3: Request for CCG complete list of error messages and corresponding condition that triggers the error

PSE Response:

We will try to request this from the vendor.

# FIX Issues:



Issue #4: Sample execution reports (FIX message) of transactions executed in TradeEx

## PSE Response:

35=8

>8=FIXT.1.1|9=000350|35=8|49=PSE|56=116|34=111|57=116FXSMC1|52=20150121-

02:30:08.015|37=2015012142|11=PH108428|453=4|448=116FX1|447=C|452=11|448=116FX1|447=C|452=36|448=116FXSMC1|447=C|452=12|448=116|447=C|452=1|17=585|150=0|39=0|1=21101406922259|55=OV|762=N|54=1|38=100000|40=2|44=0.022|59=6|432=20150123|528=F|151=100000|14=0|60=20150121-02:27:39.761|58=XSMC1116000005|10=243|

# FIX Issues:

## Issue #5: The following News shall be sent via FIX

### Category of news message (newsType)

Valid values are:

- 1 – Market Place News (XCHG)
- 3 – Technical News (TECH)
- 99 – Other News (OTHR)
- 95 – BlockSale (BLCK)
- 96 – NonSensitive News (NSEN)
- 97 – Sensitive News (SENS)
- 98 – System News (SYST)

# ITCH Issues:



Issue #6: ITCH will need to be Certified?

PSE Response:

No

Thank You!