# OMD Phase 1a (OMD-C) End-to-End Test Sessions Schedule and Rundown

The following test sessions will be available for clients to perform their testing in the OMD development environment provided by HKEx during the test period from 3 December 2012 to 8 March 2013:

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Session** | **Description** | **Timetable** | **Remarks** |
| Familiarization Session | HKEx will replay data for securities within the stock range *10090 – 10150* and clients can input their orders in AMS/3 for securities for their loop test using the stock codes found in the attached file *“OMD-C E2E Loop Test Stocks”* |

|  |
| --- |
| Functional Test |
| 10:45 – 13:00 | System Ready & Continuous Trading |
| 13:00 – 13:45 | AM Close |
| 13:45 – 17:00 | Continuous Trading |
| 17:00 | Market Close |
| 17:05 | OMD Shutdown |
| Performance/Capacity Test |
| 17:30 | System Ready |
| 17:40 – 18:00 | Continuous Trading with or without high market data rate\* |
| 18:00 | OMD Shutdown |
|  |  |

 | \*Loop test is not supported during Performance/ Capacity TestPlease refer to the Test Session Schedule for the availability of Performance /Capacity Test |
| Open Test | HKEx will replay data for securities within the stock range *10090 – 10150* and clients can input their orders in AMS/3 for securities for their loop test using the stock codes found in the attached file *“OMD-C E2E Loop Test Stocks”* |

|  |
| --- |
| Functional Test |
| 09:00 | System Ready |
| 09:30 – 10:30 | Auction  |
| 10:30 – 13:00 | Continuous Trading |
| 13:00 – 13:45 | AM Close |
| 13:45 – 17:00 | Continuous Trading |
| 17:00 | Market Close |
| 17:05 | OMD Shutdown |
| Performance/Capacity Test |
| 17:30 | System Ready |
| 17:40 – 18:00 | Continuous Trading with high market data rate |
| 18:00 | OMD Shutdown |
|  |  |

 | Loop test is not supported during Performance/ Capacity Test |
| Open Test (AM) | Same as Open Test above but no afternoon session | Same as Open Test above but functional test up to AM Close only | No Performance/ Capacity Test |
| Practice Session | HKEx will replay data following the production full-day trading day timetable and provide selected expected results for clients to verify their results | Same as a production full-day trading day | Loop test is not supported during Practice Session |
| Readiness Test (Part 1) | Functional part (Session 1 - 4) Readiness Test | **Session 1 (message decoding)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Time** | **End Time** | **Status****\*** | **Market** |
| N/A | 12:24:59 | NO | All |
| 12:25:00 | 12:34:59 | OI | All |
| 12:35:00 | 12:39:59 | NC | All |
| 12:40:00 | 12:42:59 | MA | All |
| 12:43:00 | 12:44:59 | BL | All |
| 12:45:00 | 13:14.59 | CT | All |
| 13:15:00 | 13:15:59 | EI | All but ETS |
| 13:16:00 | 13:19:59 | CL | All but ETS |
| 13:20:00 | 13:24:29 | OC | All but ETS |
| 13:25:00 | 13:54:59 | CT | All but ETS |
| 13:55:00 | 13:55:59 | EI | All |
| 13:56:00 | N/A | DC | All |

 |  |
|  |  | **Session 2 (data recovery - refresh)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Time** | **End Time** | **Status****\*** | **Market** |
| N/A | 14:49:59 | NO | All |
| 14:50:00 | 15:09:59 | CT | All |
| 15:10:00 | 15:10:59 | EI | All |
| 15:11:00 | N/A | DC | All |

 |  |
|  |  | **Session 3 (data recovery – line arbitration and retransmission)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Time** | **End Time** | **Status****\*** | **Market** |
| N/A | 16:04:59 | NO | All |
| 16:05:00 | 16:24:59 | CT | All |
| 16:25:00 | 16:25:59 | EI | All |
| 16:26:00 | N/A | DC | All |

 |  |
|  |  | **Session 4 (performance and capacity)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Time** | **End Time** | **Status****\*** | **Market** |
| N/A | 17:19:59 | NO | All |
| 17:20:00 | 17:39:59 | CT | All |
| 17:40:00 | N/A | System Shutdown | All |
|  |  |  |  |

 |  |
| Readiness Test (Part 2) | Exception handling part (Session 5) of Readiness Test | **Session 5 (failover and disaster recovery)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Start Time** | **End Time** | **Status****\*** | **Market** |
| N/A | 08:59:59 | NO | All |
| 09:00:00 | 09:19:59 | NO(case 1) | All |
| 09:20:00 | 10:19:59 | CT(cases 2 to 4) | All |
| 11:00:00 | 11:29:59 | CT (case 5) | All |
|  |  |  |  |

 |  |

\* Trading Status in AMS, please see below for description and mapping with OMD

|  |  |  |  |
| --- | --- | --- | --- |
| **Status** | **AMS Description** | **OMD TradingSesStatus** | **OMD TradingSessionSubID** |
| NO | NOT YET OPEN | 0 (Unknown) | 100 |
| OI | ORDER INPUT | 2 (Open) | 1 |
| NC | PRE-ORDER MATCHING | 2 (Open) | 101 |
| MA | ORDER MATCHING | 2 (Open) | 2 |
| BL | BLOCKING | 1 (Halt) | 7 |
| CT | CONTINUOUS TRADING | 2 (Open) | 3 |
| EI | EXCHANGE INTERVENTION | 1 (Halt) | 102 |
| CL | CLOSE | 3 (Closed) | 103 |
| OC | ORDER CANCEL | 2 (Open) | 104 |
| DC | DAY CLOSE | 100 (Day Closed) | 0 |

**Test Session Schedule**

|  | MON | TUE | WED | THU | FRI |
| --- | --- | --- | --- | --- | --- |
| ***Week 1*** |  3 | 4 | 5 | 6 | 7 |
| ***Dec 2012*** | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** |
|  | *Without Performance/ capacity Test* | *Without Performance/ capacity Test* | *Without Performance/ capacity Test* | *Without Performance/ capacity Test* | *Without Performance/ capacity Test* |
| ***Week 2*** |  10 | 11 | 12 | 13 | 14 |
|  | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** | **Familiarization Session** |
|  | *With Performance/ capacity Test* | *With Performance/ capacity Test* | *With Performance/ capacity Test* | *With Performance/ capacity Test* | *With Performance/ capacity Test* |
| ***Week 3*** |  17 | 18 | 19 | 20 | 21 |
|  | **Open Test** |  | **Open Test** | **Open Test** | **Open Test** |
|  |  |  |  |  |  |
| ***Week 4*** |  24 | 25 | 26 | 27 | 28 |
|  | **Open Test (AM)** |  |  | **Open Test** | **Open Test** |
|  |  |  |  |  |  |
| ***Week 5*** |  31 | 1 | 2 | 3 | 4 |
| ***Jan 2013*** | **Open Test (AM)** |  | **Open Test** | **Open Test** | **Open Test** |
|  |  |  |  |  |  |
| ***Week 6*** |  7 | 8 | 9 | 10 | 11 |
|  | **Practice Session**  | **Practice Session** |  | **Practice Session** |  |
|  |  |  | **Readiness Test (Part 1)** |  | **Readiness Test (Part 1)** |
| ***Week 7*** |  14 | 15 | 16 | 17 | 18 |
|  | **Open Test**  | **Practice Session** | **Open Test**  | **Open Test**  | **Open Test**  |
|  |  |  |  |  |  |
| ***Week 8*** |  21 | 22 | 23 | 24 | 25 |
|  | **Practice Session**  | **Practice Session** | **Readiness Test (Part 2)** | **Practice Session** | **Readiness Test (Part 2)** |
|  |  |  | **Readiness Test (Part 1)** |  | **Readiness Test (Part 1)** |
| ***Week 9*** |  28 | 29 | 30 | 31 | 1 |
| ***Feb 2013*** | **Open Test**  | **Open Test** | **Open Test**  | **Open Test**  | **Open Test**  |
|  |  |  |  |  |  |
| ***Week 10*** |  4 | 5 | 6 | 7 | 8 |
|  | **Practice Session**  | **Practice Session** | **Readiness Test (Part 2)** | **Practice Session** | **Readiness Test (Part 2)** |
|  |  |  | **Readiness Test (Part 1)** |  | **Readiness Test (Part 1)** |
| ***Week 11*** |  11 | 12 | 13 | 14 | 15 |
|  |  |  |  | **Open Test**  | **Open Test**  |
|  |  |  |  |  |  |
| ***Week 12*** |  18 | 19 | 20 | 21 | 22 |
|  | **Practice Session**  | **Practice Session** | **Readiness Test (Part 2)** | **Practice Session** | **Readiness Test (Part 2)** |
|  |  |  | **Readiness Test (Part 1)** |  | **Readiness Test (Part 1)** |
| ***Week 13*** |  25 | 26 | 27 | 28 | 1 |
| ***Mar 2013*** | **Open Test** | **Open Test** | **Open Test** | **Open Test** | **Open Test** |
|  |  |  |  |  |  |
| ***Week 14*** |  4 | 5 | 6 | 7 | 8 |
|  | **Practice Session**  | **Practice Session** | **Readiness Test (Part 2)** | **Practice Session** | **Readiness Test (Part 2)** |
|  |  |  | **Readiness Test (Part 1)** |  | **Readiness Test (Part 1)** |