

**Supplementary Information for Changes in OMD-D Technical Refresh**

#	Messages	Current Behavior	After Technical Refresh
1	Sequence Reset (100)	Sequence Reset (100) messages are declared in all channels before real time messages are published during OMD-D startup.	Sequence Reset (100) are declared on each channel individually during OMD-D startup. At OMD-D startup, due to processes startup sequence and startup time differences, clients may find Sequence Reset (100) and real time data have already been published in one channel while Sequence Reset (100) message for another channel may arrive in a later time.
2	Commodity Definition (301) Series Definition Base (303)	When there is a change in series status and commodity status, Commodity Definition (301) and Series Definition Base (303) messages could be re-published.	As the change in series status and commodity status are reflected in Series Status (321) and Commodity Status (322) message respectively, and there is no change in Commodity Definition (301) and Series Definition Base (303), messages 301 and 303 will not be re-published when there is a change in series status and commodity status.
3	Market Alert (323)	The first 400 Market Alert (323) messages will be recovered by the refresh service.  For example, if there are 500 Market Alert (323) messages published in the business day, only the 1 <sup>st</sup> to 400 <sup>th</sup> Market Alert (323) messages will be recovered from the refresh service. The 401 <sup>st</sup> to 500 <sup>th</sup> Market Alert (323) messages are not available in the refresh service.	The most recent 400 Market Alert (323) messages will be recovered by the refresh service, instead of the first 400 Market Alert (323) messages.  For example, if there are 500 Market Alert (323) messages published in the business day, the 101 <sup>st</sup> to 500 <sup>th</sup> Market Alert (323) messages will be recovered from the refresh service.
4	Trade Statistics (360)	T Session Trade Statistics (360) message without any value change in the message fields could be published in T+1 Session.	T Session Trade Statistics (360) message will only be published in T+1 Session when there is a value change in the message fields.

#	Messages	Current Behavior	After Technical Refresh
5	Series Statistics (363)	T Session Series Statistics (363) message without any value change in the message fields could be published in T+1 Session	T Session Series Statistics (363) message will only be published in T+1 Session when there is a value change in the message fields.