Broadband Forum Liaison To:
3GPP SA5
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From:

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Liaison Communicated By: John Blackford (jblackford@2wire.com)

Date: May 21, 2009

Subject: HNB Type 1 Interface Specification Follow-Up

Broadband Forum considered the points that 3GPP SA5 asked for additional clarifications and provides the following feedback within this Liaison statement.

5) **[Original Question from BBF]** In requirement REQ-OAMP_PM-FUN-006 (Section 6.1.2), it states that the HMS shall have the capability to initiate an HNB diagnostics test, but it is unclear which diagnostics test that are being referred to here as there are no diagnostics test within performance data in WT-196.
   [Explanation from 3GPP-SA5] SA5 believes that this requirement might have been misunderstood since it is not related to performance measurements but rather to the diagnostics of the HNB performance. The requirement does not imply the need to specify diagnostic tests. Instead, it implies the ability of HMS to initiate internal diagnostics in the HNB. SA5 would like BBF's additional feedback.
   [Additional Clarification] BBF would recommend rewording the original statement from "HMS shall have the capability to initiate an HNB Diagnostic test" to "HMS shall have the capability to internally perform HNB diagnostics analysis based on raw data retrieved from the HNB".
6) **[Original Question from BBF]** In requirement REQ-OAMP_FM-FUN-010 (Section 6.1.3), it states that the HMS will be able to purge the various Alarm/Event tables, but after a lengthy conversation with Femto Forum we have decided that purging of these tables is only possible via a reboot of the HNB.
   [Explanation from 3GPP-SA5] SA5 would like to get BBF feedback on the specified behaviour of the HNB when Alarm List buffer, Pending Delivery Queue and/or Alarm History buffer becomes full.
   [Additional Clarification] If by "Alarm List buffer" you mean the "CurrentAlarm" table in TR-196 then this table will never be full and is simply the list of all alarms currently on the device. If by "Pending Delivery Queue" you mean the "ExpeditedEvent" table in TR-196 and/or the "QueuedEvent" table in TR-196 then these are rolling tables, which means that they have a max size and once the number of entries in that table reach the max size the device will go back to the first entry in the table and over-write it. If by "Alarm History buffer" you mean the "HistoryEvent" table in TR-196 then this too is a rolling table, which

means that it has a max size and once the number of entries in that table reaches the max size the device will go back to the first entry in the table and over-write it.

Sincerely,

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Broadband Forum Technical Committee Chair

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Date of Upcoming Broadband Forum Meetings

DATES	LOCATION
14 September - 18 September, 2009	Tokyo, Japan
30 November – 4 December, 2009	Budapest, Hungary

Note: A list of upcoming meetings can be found at http://www.broadband-forum.org/meetings/upcomingmeetingsataglance.php