Agenda Item: **5**

Source: Golden Bridge Technology, Inc.

Title: Quick Handover Procedure

Document for: Proposed draft text for Quick Handover Physical Layer Procedure

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1.   Quick Handover Procedure

1.1.   Each Mobile is maintaining a list of channelization codes of a list of scrambling codes corresponding to target Quick HO Base Stations.

1.2.   In case of complete loss of signal, the Mobile invokes the quick HO procedure and starts the quick cell search algorithm. Once it determines the best BS, it switches over to that channel immediately. It waits for TBD ms and then it transmits its frames.

1.3.   The Base will notify the neighbor base stations immediately in case the mobile signal is completely lost.

1.4.   At a predetermined frame, Mobile Station transmits to target BS at the known common channelization code at the predetermined power level and ramps up.

1.5.   During the same frame the target Base Station compresses the first frame (if needed) and performs switching. Subsequent frames are not compressed.