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| Project | **IEEE 802.21 Media Independent Handover Services:**  **Amendment 1: Extension for Supporting Handovers with Downlink Only**  **Technologies**  **<**[**http://www.ieee802.org/21/TGb**](http://www.ieee802.org/21/TGb)**>** | |
| Title | **Remedy for MIH\_Net\_Bcst\_HO\_Commit in IEEE P802.21b™/D04** | |
| DCN | **21-11-0144-01-bcst** | |
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| Re: |  | |
| Abstract | This document proposed changes in IEEE P802.21b™/D04. | |
| Purpose | Adopt | |
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**1. Comment**

MIH\_Net\_HO\_Bcst\_Commit includes *TargetMNGroupInfo* parameter which differentiates it from MIH\_Net\_HO\_Commit. The *TargetMNGroupInfo* includes the information of the specific multimedia service or multimedia program that a DO network cannot offer any longer. The mobile nodes receiving the MIH\_Net\_HO\_Bcst\_Commit command are expected to hand over to another network, a bidirectional network.

*The TargetMNGroupInfo is required in the DO network to address the multiple MNs in a particular group because a* DO network cannot identify a specific group of mobile nodes depending on the MIHF ID or its address scheme owing to its one-way broadcasting feature. Therefore, the *TargetMNGroupInfo* should be defined to address a specific group of mobile node using the multimedia service or multimedia program identifiers in DO network.

On the contrary, it’s possible to address the multiple MNs within a specific group in the bidirectional network with the MIHF ID or the network specific addressing scheme. Therefore, this contribution proposes to limit the use of the MIH\_Net\_HO\_Bcst\_Commit only for the case of the handover from DO network to bidirectional network.

However, the origination point generating the MIH\_Net\_Bcst\_HO\_Commit should not be limited to a specific type of access networks such as DO network or bidirectional network. This is because that MIH\_Net\_Bcst\_HO\_Commit command service can use RP3 as well as RP1 as MIHF communication model reference points. Using RP3 means that MIHF procedures occur between the MIHF on the MN and the MIH PoS on a non-PoA network entity residing deeper inside access network or in core network, not a specific type of access networks.

**2. Proposed Change**

We suggest deleting and adding some text in Sub-clause 7.4.27.1.1:

**7.4.27 MIH\_Net\_HO\_Bcst\_Commit**

**7.4.27.1 MIH\_Net\_HO\_Bcst\_Commit.request**

**7.4.27.1.1 Function**

This primitive is used by MIH users on the network to inform the remote MIH users belonging to a specific group of MNs of possible network initiated handovers. This primitive can be used to recommend a handover from ~~either~~ a DO network ~~or a bidirectional network~~ to bidirectional ~~another~~ network based on the selected choices for candidate networks and PoAs. This primitive includes multimedia service (MMS) or multimedia program (MMP) information to identify a group of MNs to which the DO network recommends the handover. Network initiated handovers from the bidirectional network to the DO network for a single MN would be invoked by using MIH\_Net\_HO\_Commit.