### Title
Clarification of MOB_BSHO-RSP message

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### Re:
IEEE P802.16e/D7.

### Abstract
This presentation clarifies MOB_BSHO-RSP message. As TLV of MOB_BSHO-RSP is optional, we need to specify when it shall be included.

### Purpose
Review and adoption of the proposed text change into IEEE P802.16e/D7.

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Clarification of MOB_BSHO-RSP message

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1. Problem Statements

As TLV of MOB_BSHO-RSP is optional, we need to specify when it shall be included.

2. Remedy

[Change the last five rows of Table 108m as follows:

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Size (bits)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOB_BSHO-RSP_Message_Format ()</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Action time</td>
<td>8</td>
<td>--</td>
</tr>
<tr>
<td>Resource Retain Type</td>
<td>12</td>
<td>00: Release MS resource</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01: Retain MS resource and use the System Resource Retain Time timer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10: Retain MS resource and use the value in the Resource Retain Time</td>
</tr>
<tr>
<td></td>
<td></td>
<td>field included in this message.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11: Reserved</td>
</tr>
<tr>
<td>Padding If (Resource Retain Type == 10) TLV encoded information</td>
<td>2</td>
<td>TLV specific. See 11.16.1.</td>
</tr>
<tr>
<td>TLV-encoded-information padding</td>
<td>variable</td>
<td>TLV specific. Padding bits to ensure byte-alignment.</td>
</tr>
<tr>
<td>HMAC Tuple</td>
<td>168 (21 bytes)</td>
<td>See 11.1.2.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A BS shall generate MOB_BSHO-RSP messages in the format shown in Table 108m. The following parameters shall be included in the MOB_BSHO-RSP message,

**Action Time**

For HO, this value is defined as number of frames until the Target BS allocates a non-contention
based ranging opportunity for the MSS. For SHO/FBSS, this is the time of update of Anchor BS
and/or Active Set.
A value of zero in this parameter signifies that this parameter should be ignored.

**Resource Retain Type**

The Resource Retain Type flag indicates whether the serving BS will retain or delete the connection
information of the MS upon receiving MOB_HO-IND with HO_IND_type=0b00. If the flag is set to
10, the serving BS will retain the MS’s connection information during the time in Resource Retain
Time field. If Resource Retain Type=01 and Resource Retain Time is not
included as a TLV item in the message, then the serving BS and MS shall use the System
Resource Retain Time timer. If the flag is set to 00, the serving BS will discard the MS’s connection
information.

**HMAC Tuple (see 11.1.2)**

The HMAC Tuple Attribute contains a keyed Message digest (to guarantee the origin and
integrity of the message).

### 3. References