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| IEEE 802.1 REVISION REQUEST 0148 |
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DATE: 06 November 2014
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REQUESTED REVISION:

STANDARD: IEEE 802.1Q-2014
CLAUSE NUMBER: A.37
CLAUSE TITLE: Shortest Path Bridging

RATIONALE FOR REVISION:

Conformance item SPB-2 makes SPT BPDU exchange mandatory between adjacent neighbor SPT Bridges despite it is made clear in the specification in multiple places that IS-IS Hello PDUs can be also used instead of SPT BPDUs, see e.g. 8.10, 27.4.1, or 27.9.

PROPOSED REVISION TEXT:

Change SPB-2 to: "Encode, decode, and validate IS-IS Hello PDUs or SPT BPDUs for the Agreement Protocol (AP) and support AP logic in IS-IS?"

IMPACT ON EXISTING NETWORKS:

Adjacent neighbor SPT Bridges exchange IS-IS Hello PDUs in existing networks.

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| Please attach supporting material, if any |
| Submit to:- Glenn Parsons, Chair IEEE 802.1 |
| and copy:- John Messenger, Vice-Chair IEEE 802.1 |
| E-Mail: stds-802-1-maint-req@ieee.org |
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| +----- For official 802.1 use -----+ |
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