802.1Qbc Provider Bridging –
Remote Customer Service Interface
draft 0.0 status

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Main Items for Discussion

• Terminology
  – “S-VLAN mapping component”
    (66, 23, 56, 26, 60)
  – “common port”
    (22, 29, 23, 49, 36, 2, 46)
  – “remote customer service interface”
    (20, 43, 53, 10, 33, 44, 5)
  – Port role names
    (53, 71, 11, 6, 53, 64)

• Number of external ports (3, 31)
  – How to provide protection

• Number of S-VLAN tagged internal ports (9, 34)

• Interface Status TLV (editor’s note, 40, 72)
S-VLAN Mapping Component

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
Common Port

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
RCSI (PBN)

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
Port Role Naming (PBN)

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
Number of External Ports

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
Number of S-Tagged Internal Ports

Figure 15-9—Remote customer service interfaces to a Provider Bridged Network
RCSI Open Questions

• E-LMI support between RCSI and Customer
  – Currently assigned address for E-LMI (-07) will not pass through RCSI S-VLAN

• Service OAM for C-tagged service interfaces
  – Need to support C-tagged CFM PDUs if OAM begins in adjacent PBN?

• Management channel to NID