

WHY OAM PHY?

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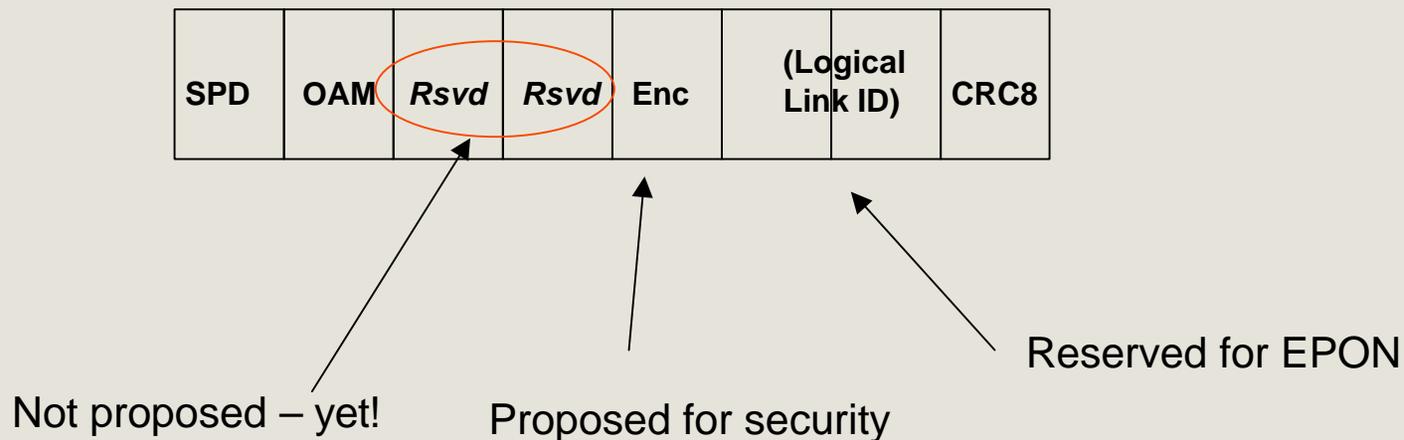
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Drivers for using a preamble handling function

- EFM will be a true multi-service network used for carrying various services.
- Examples are
 - Broadband access
 - TV/Video
 - Telephony, both IP and legacy
 - Transmission for radio access networks
- By using the **preamble handler function** it will be possible to support both existing and new services.

Why standardize a PH function?

- Now is the time to standardize a PH-function, it is here to stay!
- It will help us enabling new type of services and functions in a true multi service network.
- IEEE needs to take control over this area, if not it we risk facing a compatibility problem



The Radio Access Network will benefit from PH

- Require signaling mechanisms with well defined properties between nodes. This cannot be achieved with Ethernet of today.
- Require identification of individual frames
- Radio access networks will drive the volumes of EFM compliant equipment – this will not be a small unique function.