

Ethernet OAM Update

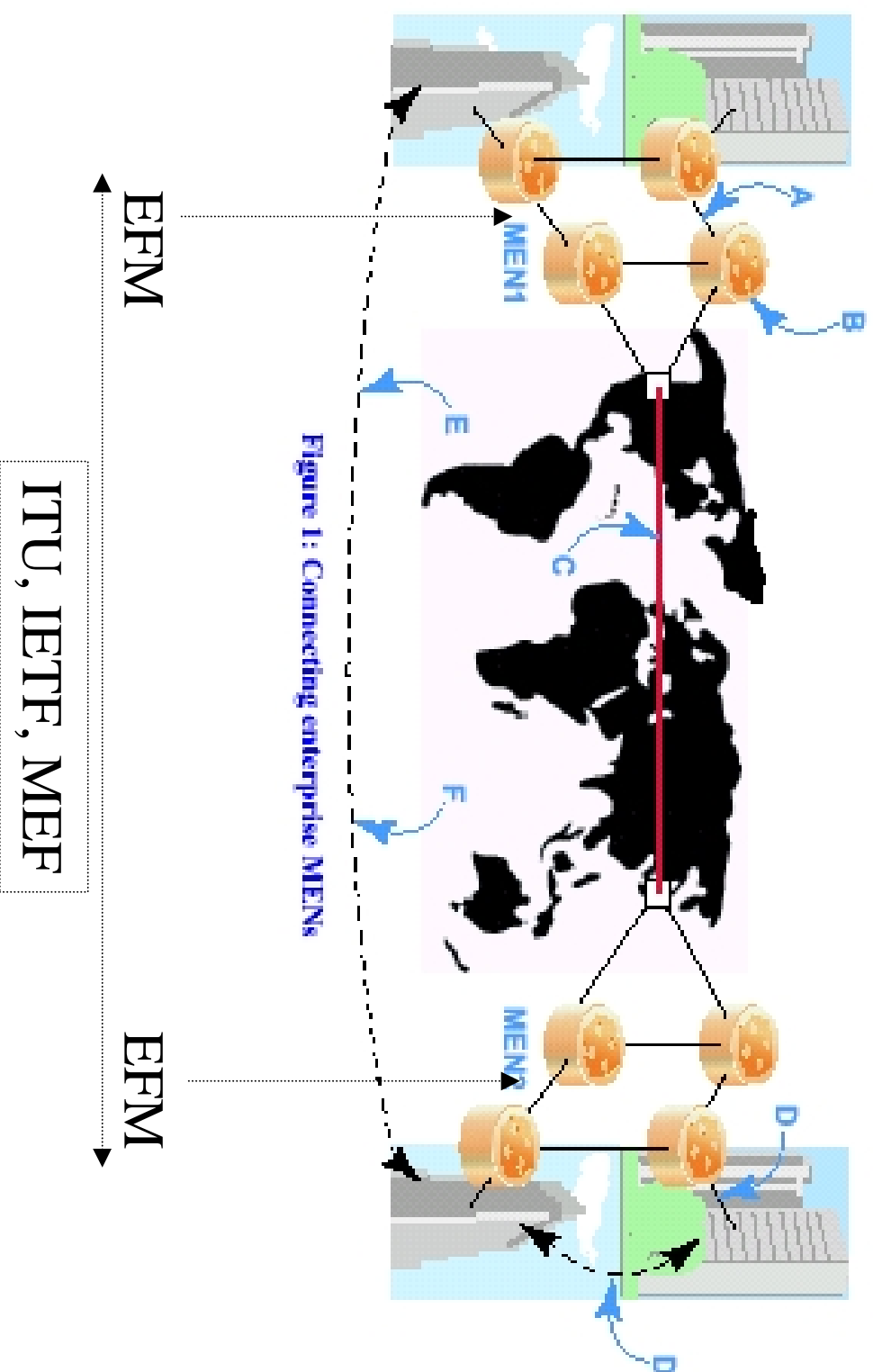
Presentation to IETF54, July 2002
(PPVPN WG)

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Note: This presentation is not an authoritative report on ITU-T, MEF, EFM activities. Should there be a concern on validity of the information provided here, it is suggested that the IETF obtains official reports from the said bodies.

Standard bodies interdependency

Source: Metro Ethernet Forum Brochure



EFM & MEF Activities

- IEEE802.ah (EFM) activities (IEEE 802.3 plenary, July 2002)
 - Baseline document draft 1.0 will be created based on the OAM in frame proposal, and will include detailed frame format and diagnostics tools
 - Next meeting: Sept. 30 – Oct. 4, New Orleans, U.S.A.
- Metro Ethernet Forum (MEF) activities
 - Follow/align with the existing standards (e.g. EFM, ITU-T), where applicable
 - MEF OAM scope is end-to-end (approved work item)
 - Requirements & framework documents are in progress
 - Next meeting: July 20-Aug 2, Montreal, Canada

ITU-T activities

- SG13 activities
 - Ethernet OAM study has been initiated (Feb 2002) to study link & end-to-end OAM
 - Need for interaction with EFM, MEF, and other ITU-T study groups is recognized and communicated
 - Next meeting: Geneva, 29 October-08 November
- SG15 activities
 - Modeling work initiated (G.etna)
 - Work on “point-to-point Ethernet based optical access system”
 - Next meeting: Geneva, 20-31 January 2003