

Session 4 –TDR Requirements Definition

■ Objectives

- ◆ Overview of work underway to define requirements for technical work on TDR capabilities.
- ◆ Share views on various aspects of standards development for TDR capabilities
- ◆ Establish a common understanding of issues being addressed in the various standards activities.

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■ Participants:

- ◆ ETSI EMTEL Requirements Definition – Wolfgang Heidrich, Germany, ETSI
- ◆ T1 Committee ETS Technical Report – Arthur Webster, NTIA/ITS, USA
- ◆ ETSI TIPHON Rqmts. Analysis – Azfar Aslam, ETSI TIPHON STF 225
- ◆ TDR Capability Requirements – Les Homan, Imarsat, Ltd, Rapporteur Q3/2

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■ ETSI EMTTEL:

- ◆ Three areas of telecom capabilities:
 - Citizen to authority – e.g. 112, 911
 - Authority to authority – TDR/ETS
 - Authority to citizen – broadcast alerts
- ◆ Work addressed in many technical groups
- ◆ Requirements are not “market driven”
- ◆ Fixed and mobile nets must cooperate
- ◆ Location capability for enhanced 112 services

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- **T1Committee, N. America:**
 - ◆ Overview of ETS Standards Works - TR
 - ◆ 18 functional requirements identified
 - ◆ New TR on traffic priorities for TDR/ETS
 - ◆ TDR/ETS work in all 8 Technical Committees
 - ◆ Work is coordinated with ITU-T and other SDOs

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■ ETSI Project TIPHON:

- ◆ Extending architecture to support TDR/ETS
- ◆ Aspects being addressed:
 - Preferential call/session treatment
 - Security
 - Quality of service
 - Multiple applications
 - Mobility
 - Inter-domain communications
- ◆ Developing TDR/ETS rqmts. analysis report and systems description specification

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- **TDR Service and Operational Requirements, Q3/2:**
 - ◆ **What?** A clear and concise description of what is needed and how it should operate
 - ◆ **Why?** To create a common understanding and standards, which will permit national systems to operate with each other
 - ◆ **How:**
 - Sensitive issues
 - Discuss principles of requirements
 - No disclosure of national implementations
 - Create international framework for bilateral agreements

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