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Source:	ITU-T SG4
Title:	Draft Recommendation Q.827.1 (Requirements and Analysis for the Common Management Functions of NMS-EMS Interfaces)

LIAISON STATEMENT

To:	ETSI (for forwarding to 3GPP SA5)
Approval:	SG 4 plenary
For:	Information
Deadline:	

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Please don't change the structure of this table, just insert the necessary information.

Thank you for your comments on the Rec. Q.827.1 on Common Management Functions.

The following considerations is offered to explain SG4 thoughts with regard to your concerns:

1. The generation history of Q.827.1

The initial use of Q.827.1 was to support Ethernet Passive Optical Network (EPON) management. The main purpose of EPON management interface is to define EPON specific information model, and some EPON specific management interface operations. The related documents were discussed in several SG4 meetings (including one interim meeting).

Following the SG 4 process, the Recommendation was developed according to the UTRAD methodology specified in M.3020. In developing the EPON Recommendations and other technology areas (SDH-DLC and Ethernet over Transport) where work was beginning, it was considered useful to separate the common functional requirements and analysis for logging, file transfer and notifications etc. into another Recommendation. This separation facilitates using this Recommendation with common functions across multiple technologies. This new Recommendation is Q.827.1. The requirements and analysis in Q.827.1 was a result of discussions with SG 4 members that participate in developing in EMS-NMS management interfaces for different technologies.

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2. The current status of the specifications in the two organizations.

Although ITU-T and 3GPP develop their specifications following similar methodologies (ITU-T: UTRAD, 3GPP: IRP), there are still many differences in both frameworks and implementation methods, especially for the designation and implementation of interfaces.

Considering the history, the differences seemed to have existed even during the design of the methodologies. As an example, ITU-T and 3GPP have different CORBA frameworks.

Some of the differences you noted (subscribe versus create service) are because we have always followed this terminology in ITU-T and used in many recommendations.

3. A need for management specification harmonization

The similarities and differences between Q.827.1 and work within 3GPP are but one example of the difference and overlap among specifications providing the same or similar functionality.

Please note that SG4 is proposing a cooperative effort on this subject (see separate Liaison).