Modification of the Purpose of Project JTC1.06.32.01.05, Group NSAP Addressing

The following text replaces the corresponding text contained in SC 6/N 6886 (JTC 1/N 1514), the New Project proposal for "Group NSAP Addressing".

Purpose and justification:

The purpose of the new project is to define a syntax and semantics for Network addresses that represent groups of NSAPs.

Recent advances in the application of multicast media have driven the requirement for additions to the Network addressing standard to include addresses for group addressing. Group addressing will incorporate the ability to select a single group identifier that will cause the transmission of information to all active members of the designated group. One use of group Network addresses will be in new multicast Network layer protocols. Efficient interaction of group addressing with the Decision and Forwarding processes of routing protocols must be defined to allow these protocols to support multicast data delivery.

This proposal provides additional functionality to the existing Network addressing standard. It is unknown at this time whether the existing registration authorities established for Network addressing are sufficient, or whether additional resources may be required.