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TELEMETERING STANDARDS COORDINATION COMMITTEE

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TWENTY-SECOND ANNUAL REPORT OF THE TELEMETERING STANDARDS COORDINATION COMMITTEE by VERNON JENNINGS, TSCC CHAIRMAN 1981-1982

Introduction. The Telemetering Standards Coordination Committee (TSCC) by its charter serves as a central group to represent the Telemetering Community relative to standards. It provides a group of experienced users of telemetry who are entrusted to help negotiate standards for the industry and the military users. The TSCC accepts proposed standards or changes to existing standards and studies these in group sessions. The resultant conclusions are then coordinated with the responsible Government agencies such as the Range Commanders Council or NASA.

To perform these tasks, the TSCC is composed of 14 members with approximately equal representation from industry, government and nonprofit organizations.

Committee Activities. The 1982 annual meeting was held the day before the ITC in San Diego. Mike Pizzuti and Fran LaPierre were unanimously reelected to new five-year memberships. Don Scofield, Larry Kasulka, M. L. MacMedan and Frank H. Emens were approved as alternates. New officers were elected for 1983 and 1984. Claude McAnally was unanimously elected as the new TSCC Chairman. Fran La Pierre was unanimously elected as the new TSCC Vice Chairman. Bob McElhiney was unanimously elected as the new TSCC Secretary/Treasurer.

Proposed changes to the PCM AND FM Multiplex Telemetry Standards by the Range Commanders Council Data Multiplex Committee were presented via a memorandum from Mike Pizzuti. After discussion of the proposed changes, Mr. Erwin Straehley volunteered to collect the comments on the changes to the PCM Standards. The TSCC members agreed to send comments on the changes to the FM Multiplex Standard (constant bandwidth subcarrier channels) to Mike Pizzuti.

Packet Telemetry. Adrian Hooke of JPL presented an overview of the International Space Data Systems Standardization Activities. The presentation was well received and stimulated a wide range of discussion. Adrian also presented and distributed a document titled "Joint NASA/ESA Packet Telemetry Guideline," Issue 1 dated January 1982 prepared by the NASA/ESA Working Group for Space Data Systems Standardization (NEWG). The document is a high-level guideline for the development of packetized telemetry systems within the NASA and European Space Agency (ESA). The TSCC agreed to review this document and send their comments along with the comments on the FM Multiplex standard to Mr. Mike Pizzuti.

Respectfully submitted,

Vernon Jennings, TSCC Chairman, 1981-1982
Telemetering Standards Coordination Committee
August 14, 1983