

SEVENTH ANNUAL REPORT OF THE TELEMETERING STANDARDS COORDINATION COMMITTEE

WALTER O. FROST
TSCC Chairman
1966-68

Introduction The Telemetry Standards Coordination Committee (TSCC) was formed in 1960 under joint sponsorship of the technical societies which later became IEEE, ISA, and AIAA. Its formation filled a long standing need for a more effective representation of the varied interests within the telemetry community in matters pertaining to telemetry standards. The membership of TSCC is formed from a cross-section of Government/industry and of user/manufacture affiliations' thus presenting a uniquely broad viewpoint on subjects which come under its consideration.

In accordance with its charter the TSCC is charged with the following tasks: establishing what standards, methods, and procedures are in existence and published; examining the technical adequacy of existing and proposed documents; exploring the need for new standards ' methods, and procedures and promulgating the derivation of new documents. The TSCC does not issue standards, but rather acts as a review, coordinating, and factfinding body, endorsing specific standards, methods, and procedures, and making recommendations to the appropriate document originating groups, to telemetry users and manufacturers, and to Government agencies.

Further background and information relating to the formation of TSCC and the original Charter and Bylaws are included in the first annual report of the TSCC printed in the 1962 Proceedings of the National Telemetry Conference. Further information concerning past activities of the TSCC is printed in annual TSCC reports in the NTC Proceedings for 1963 through 1967.

Committee Activities Since the preparation of the sixth annual TSCC report, which was published in the 1967 NTC Proceedings, three TSCC meetings have been held as follows:

15 May 1967 - San Francisco, California
4-5 October 1967 - Washington, D. C.
21-22 May 1968 - Huntsville, Alabama.

TSCC activities and committee actions resulting from these meetings, which are of interest to the telemetering community, are listed below.

15 May 1967

The Committee recommended to IRIG that the frequency tolerances as stated in Section 5.1.2.2.3 of IRIG Document 106-66 be relaxed and that the measurement of stability with modulation be clarified or deleted.

4-5 October 1967

1. The Committee voted unanimously to accept joint affiliation with the International Telemetering Conference (ITC/USA) and the Instrument Society of America (ISA).
2. The Committee held a tutorial discussion on AM baseband telemetry systems with participation by Mr. Ken Berns, IRIG/TWG; Dr. R. S. Simpson, University of Alabama; Dr. M. H. Nichols, Consultant; and Jacky Cates, WSMR.
3. The Committee recommended that IRIG/TWG proceed with preparation of a standard for an AM suppressed-carrier frequency multiplex for wideband data applications.
4. The Committee forwarded to IRIG/TWG results of a study by its Ad Hoc Subcommittee on standards for the Testing of Receiving and Recording Subsystems.

21-22 May 1968

1. The Charter and Bylaws of TSCC were revised to reflect affiliation with ITC/USA and ISA.
2. Wilbert (Bill) Hines and Ron Muller were elected to TSCC membership replacing F. C. Karabaich and J. Purcell, respectively,
3. In accordance with TSCC Bylaws, L. W. Gardenhire, Vice-Chairman, assumed the Chairmanship from W. O. Frost, retiring Chairman. By vote of the Committee Hugh Pruss was elected Vice-Chairman and Ron Muller was elected Secretary-Treasurer, succeeding D. R. Andelin.

Acknowledgements The TSCC wishes to thank TWG-IRIG, industry, Government agencies, and individual consultants for their fine cooperation and assistance in carrying out the work of this committee.