

Return Address:

International Consortium for Telemetry Spectrum
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ICTS OFFICERS

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SOCIETAL MEMBERSHIP (NON-EXHAUSTIVE)

Aero-Sensing
Aerospace and Flight Test Radio Coordination Council
Aerospatiale Airbus
Agence Spatiale Europeane (ESA)
Association Aeronautique et Astronautique de France
Australian Department of Defence
Boeing Company
British Aerospace
Centre National d'Etudes Spatiales (CNES)
Dassault Aviation
EADS Airbus
Eurocopter
European Telemetry Standardization Committee
French Department of Defense
German Society of Telemetry
IN SNEC
MITRE Corporation
National Aeronautics and Space Administration (NASA)
New Mexico State University
Sandia National Laboratories
Societe de l'Electricite, de l'Electronique (SEE)
Spanish Department of Defense
United Kingdom Department of Defence
United States Department of Defense
Universite' de Provence (Marseille)

International Consortium for Telemetry Spectrum



OVERVIEW

The International Consortium for Telemetry Spectrum (ICTS) is an international group of telemetry practitioners whose main objective is to ensure the future availability of electromagnetic spectrum for telemetering.

The ICTS was formed in 1999 and is chartered under the sponsorship of the International Foundation for Telemetering (IFT). The IFT is a non-profit organization dedicated to serving the professional and technical interests of the telemetering community.

WHY THE NEED

Over the past few years, several factors within and external to the telemetering community have resulted in a change in the way the electromagnetic spectrum is viewed. These factors include:

- Radio Frequency (RF) spectrum utilization is increasing rapidly and this trend is expected to continue,
- Telemetry is critical to the economic and security goals of many nations,
- Frequency bands used for telemetry have been reallocated for other use and continue to be at risk of reallocation,
- Increased demand for telemetry spectrum parallels the demand in the general telecommunications industry,
- Telemetry data rates are increasing, thereby increasing the RF bandwidth needed for each mission, and
- Additional frequency band allocations for telemetry may be unavailable or cost prohibitive.

TELEMETERING APPLICATION

The use of telemetry spectrum is common to many different nations, whether it is used in support of national defense, commercial aerospace industry, or space applications. The primary telemetering applications to be represented by the ICTS are Range and Range Support Systems, to include mobile systems used for land, sea and air ranges; space-based telemetry systems; and meteorological telemetry.

MAIN OBJECTIVES

The purpose of the ICTS is to establish an international advocacy group of telemetry practitioners to promote the benefits of electromagnetic spectrum for telemetering applications.

In this endeavor, the main objectives of the ICTS are to:

- Create a forum for information exchange on potential telemetry spectrum issues;
- Better inform national, regional, and international spectrum managers of the importance of telemetry to their economy and security;
- Inform and invite open participation in the group to all telemetry practitioners, including government, industry, academia, etc.; and
- Share information on the use, research, and development of new technologies for improving the use of telemetry spectrum.

MEMBERSHIP

The ICTS is open to individuals and organizations that rely on the availability of spectrum for telemetering applications. This includes representatives from government, commercial, and professional organizations.

In order to qualify as a member of the ICTS, a person must be actively engaged in telemetry-related activities, such as telemetering instrumentation, data systems, communications, and telemetry frequency management, or possess outstanding qualifications by virtue of long experience in these fields.

If you are interested in becoming a member of the ICTS, please complete the attached registration card. The ICTS Secretariat will forward your registration to the appropriate Regional Coordinator.

MEETINGS

ICTS meetings are held biannually in conjunction with the International Telemetering Conference, which is held annually in the United States and with the European Telemetering Conference, which is held in the even years in Germany or the European Test and Telemetry Conference, which is held in France in the odd years. Regional meetings are held on an as-needed basis.

Yes, I am interested in becoming a member of the ICTS.

Name _____

Title _____

Organization _____

Address _____

City _____

State _____

Zip Code _____

Country _____

Telephone _____

Fax _____

E-Mail Address _____