

PCC.III/RES. 67 (X-98)¹

**SEMINAR ON THE GLOBAL POSITIONING SATELLITE SYSTEM AND
RADIONAVIGATION-SATELLITE SERVICE/AERONAUTICAL
RADIONAVIGATION USE OF THE FREQUENCY BAND 1559-1610 MHz**

The Tenth Meeting of the Permanent Consultative Committee III: Radiocommunications,

CONSIDERING:

That one RNSS system, the Global Positioning Satellite (GPS) system, is currently in operation in the 1559-1610 MHz frequency band on a worldwide basis and that it provides a global information utility supporting a wide range of essential civil, scientific and commercial functions, from air traffic control to Internet,

That the GPS system is also used for the provision of RNSS services on a space-to-space basis,

That CITELE members would benefit from understanding fully the operations and various applications of GPS technology, particularly as it supports safety-of-life applications,

That RNSS/ARNS allocations, both the existing allocations and the prospect of the addition of the space-to-space direction to the existing allocation, will be a topic of discussion at WRC-00 (see WRC-00 Agenda Item 1.9 and 1.15),

That the Permanent Consultative Committees of CITELE have undertaken efforts to schedule seminars on a regular basis on a wide variety of topics in the interest of information dissemination,

NOTING:

That WRC-97 Resolution 220 recognizes the essential need to protect RNSS and ARNS systems that operate in the 1559-1610 MHz band;

That the use of GPS is continually evolving and expanding, and that new uses are constantly being developed for terrestrial and space applications;

TAKING INTO ACCOUNT:

That the WRC-97 issued Resolution 220, which calls for the urgent study within the ITU-R of the technical criteria and operational and safety requirements to determine if sharing between the aeronautical radionavigation (ARNS) and radionavigation-satellite services (RNSS) operating, or planned to operate, in the band 1559-1610 MHz, and the mobile-satellite service in a portion of the 1559-1567 MHz frequency range, is feasible;

¹ Distributed as document PCC.III/doc.959/98.

That the agenda for WRC-99 includes an item calling for the consideration of the addition of the space-to-space direction to the RNSS allocations in the bands 1215-1260 MHz and 1559-1610 MHz;

RESOLVES:

1. That a two-hour Seminar on the RNSS current and future system applications be held at the XI PCC.III meeting;
2. That the Seminar be held in accordance with resolution PCC.III/RES.44 (VI-96) entitled "Organization of PCC III Seminars";
3. That Mr. Raúl Rodríguez on behalf of the United States, shall act as the organizer of the Seminar; and
4. That CITEL Members and Associate Members interested in participating in the Seminar contact the organizers of the Seminar.

INSTRUCTS:

The Executive Secretary of CITEL to provide Administrative support in preparing for this Seminar.