BR IFIC 2763 – NEWS

Release of an updated version of the SPS software package

Due to the fact that the current Fortran compiler used for the MSPACEg software application is no longer supported, the Radiocommunication Bureau has migrated the MSPACEg Fortran modules from Compaq Visual Fortran to Intel Fortran.

During this migration, the Bureau discovered some deficiencies in the MSPACEg software application. These deficiencies are due to the calculation precision relating to single precision real numbers.

The first deficiency exists in the orbital separation calculation for Regions 1 and 3 networks; the second exists in the calculation of the topocentric angular separation for Regions 1 and 3 networks; and the third exists in the calculation of the bandwidth adjustment factor for interfering digital emissions.

The upgraded version 7.1.0.1 of the SPS software package, distributed in this BR IFIC, has been compiled with Intel Fortran and has fixed all the above-mentioned deficiencies. The Appendices **30** and **30A** reference situations contained in the SPS_ALL_IFIC2763 database have been updated accordingly without any re-publication of the Special Sections concerned as these deficiencies have no impact on the identification of affected administrations.

For more detailed information on this issue, please read the SPSv7.1.0.1_readme.pdf document included in the "\Databases\AP30_30A\" folder of this BR IFIC.

Introduction of a new Class of station, code UC, for an earth station while in motion associated with a space station in the fixed-satellite service in the bands listed under provision No. 5.526

In response to recent requests from administrations for ability to distinguish links with Earth stations while in motion in the FSS in the bands listed under provision No. **5.526** from other links in advance publication information (API), coordination request under No. **9.7** and notification information under Article **11**, the Bureau, to process satellite network filing submissions by administrations under No. **5.526**, has defined a new class of station for **Table 3** in the Preface to the BR IFIC (Space Services), as follows:

> **UC** - Earth station while in motion in the fixed-satellite service in the bands listed under provision No. **5.526.**

The updated **Table 3** for the Preface will be available for on-line consultation at http://www.itu.int/ITU-R/space/preface/index.html and also on the current **BR IFIC** (Space Services) **2763** and onwards.

The updated BR software package for electronic notification, validation and query of satellite networks (SpaceCaps, Spaceval and SpaceQry) with a new symbol **UC** will be available for download at http://www.itu.int/ITU-R/go/space-software/en and also on the current **BR IFIC** (Space Services) **2763** and onwards.

For more information see the BR Circular Letter **CR/358**.