

**ROSHYDROMET ACTIVITIES ON FREQUENCY COORDINATION AND
PROTECTION. PREPARATION TO WRC 2003**

Summary and purpose of the WP

Roshydromet activities on international legal protection of frequency allocations for meteorological satellite networks GOMS-M, Meteor-3M and Resurs-O1 is summarised in the WP.

Action proposed: no action required.

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Roshydromet continues its activity on international legal protection of frequency allocations for meteorological satellite networks GOMS-M, Meteor-3M and Resurs-O1.

In 2001 Russian national administration registered the application of new frequency ranges in the areas of 8.2 GHz (for the Meteor-3M), 0.4 and 1.7 GHz (for the Resurs-O1). In 2002 these networks should pass registration and coordination in international bodies.

For Meteor-3M and Resurs-O1 networks frequencies will be used within the following bands: 137-138, 401-403, 1670-1710, 7450-7500, 8175-8215 and 8025-8320 MHz which are recommended by the CBS WMO (SGFC) in accordance to the radio communication Rules for priority use by meteorological satellite networks and are used by other CGMS members.

By the moment there was no activities on protection of frequency bands for Russian passive scanning satellite-based radiometers (10.6-10.68; 13.35-15.4; 22.2-22.5; 31.5-31.8; 36-37; 52.6-54.25; 59.3; 86-92; 100-102; 105-126; 150-158; 182-185 GHz). Necessary frequency registrations for these bands will be made in 2002.

In the long term perspective for Russian meteorological satellite networks it is supposed to refuse of bands 466.5 and 1675-1690 MHz as not ensuring requirements compatibility with ground networks.

In preparation to the WRC 2003 questions on protection of the given above frequencies assignments will be born for discussion on 7th radiocommunication Study Group of ITU and WMO SGFC.