

**STATUS OF PREPARATION OF RUSSIAN DATA COLLECTION SYSTEM**

Summary and purpose of the WP

First part of Russian DCS consisting of a network of 20 DCPs, will be developed in the end of 2001 ?. On first stage it will function on I25 and I26 channels via Meeteosat-7. The DCS The system will be operated by SRC Planeta on its ground receiving center. Use of Russian telecommunication satellites for the DCS support is under consideration.

The system of 600-800 DCPs will be developed by launch of GOMS /Electro N2 in 2005.

Proposed action: none.

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### First part of Data Collection System of Roshydromet

In 2001 first party of 20 Russian DCP radiotransmitters of Terminal-GM series has been manufactured. The Terminal-GM is designed for being operated in Russian DCS via Meteosat-7 (on first stage) and GOMS/Electro N2 geostationary satellites. Certification tests on the Terminal-GM compliancy to the EUMETSAT requirements for transmissions via Meteosat have been conducted. The tests was carried out by EUMETSAT certification agent – ITS company, that provided EUMETSAT with the tests report for considering the Terminal-GM certification.

On the basis of this first party of radiotransmitters Terminal-GM in 2001 first part of Russian DCS network of 20 DCPs will be commenced. The DCPs will regularly transmit data messages on a first stage via Meteosat-7 satellite on I25 and I26 channels, that have been released by CGMS members for temporary use by Roshydromet.

Ground DCS ground receiving center of SRC Planeta modernization is going to the end. This center will allow Russian DCS operating (messages receiving and processing) via geostationary satellites in 1.7 GHz frequency band. The center will be put into operations in the end 2001 – beginning 2002.

### Roshydromet plans on development of the DCS

Roshydromet together with Russian Aviation and Space Agency considers using of other Russian (telecommunication) geostationary satellites to maintain Russian DCS operations.

In the framework of program on development of future GOMS/Electro N2 meteorological geostationary satellite system (see RUS WP 03) it is planned to create second ground receiving center of the DCS in Siberian region.

The DCS integrating of 600-800 DCPs all over the Russia and CIS countries will be developed by launch of GOMS/Electro N2 satellite in 2005.