

Telecommunication techniques

CURRENT STATUS AND FUTURE USE OF RUSSIAN DCS

Summary and purpose of document

This document presents status of works on development Russian Data Collection System

Action

CGMS members to assure releasing DCS international channels 25 & 26 (I25 and I26)

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Roshydromet has developed the basic components of the Data Collection System that are currently prepared to operational works. Works on development, operation and maintenance of the DCS via satellite channels are headed by the SRC Planeta of Roshydromet.

Main DCS components are the following systems: DCP's messages reception, processing and decoding (SRC PLANETA, Moscow), data transfer to the Main Radiometric Center of Roshydromet and its distribution (in particular via GTS).

At the first stage two channels I25 and I26 that are released, on a temporary basis, for DCS of Roshydromet will be used.

The order for producing of the first set of DCP's is placed to manufacturer. In early 2001 the DCP's will be certified in according to the procedures applied for the platforms working via METEOSAT satellites and provided to Roshydromet for installation to the observation network.

Series of tests revealed that international DCS channels 25 and 26 are not free. Roshydromet invites EUMETSAT and CGMS operators working in the area of radiovisibility of METEOSAT satellites to assure releasing channels I25 and I26 as soon as possible (at latest by the end of 2000).