



SATELLITE DISTRIBUTION SYSTEM OPERATIONS GROUP (SADISOPSG)

THIRTEENTH MEETING

Dakar, Senegal, 27 to 29 May 2008

Agenda Item 9: Any other business

INFORMATION ABOUT THE INFLUENCE OF THE FUTURE WIS ON THE SADIS SYSTEM

(Presented by the SADISOPSG Technical Development Team)

SUMMARY

This information summarizes the consequences of the introduction of WIS/VGISC technologies on SADIS.

1. INTRODUCTION

1.1 The Data Management of WMO will be subject to significant changes in the near future resulting in complete different ways of storing, handling and disseminating the data. In a first step, in is paper summarizes information about the consequences of the re-organisation of the Regional Telecommunication Hubs (RTH) Exeter, Offenbach and Toulouse to share operations as a Virtual GISC (VGISC).

2. WMO PLANNING

2.1 Following the WMO Congress XIV in 2003, the development of a WMO Information System WIS has been approved and will provide a single coordinated global infrastructure for the collection and sharing of information to support all WMO and international programmes.

2.2 The structure of the WIS consists the following elements:

— National Centres (NC);

- Global Information System Centres (GISC);
- Data Collection and Production Centres (DCPC); and
- Data communication network.

2.3 This structure will have significant consequences on the structure of data storage and data dissemination. In a first step, UK, France and Germany agreed upon the installation of a Virtual GISC (VGISC) in 2008 resulting in a shared operation of the three RTHs of these countries.

2.4 Data Dissemination will be achieved by VGISC Distribution Portal based on SIMDAT technologies. The design guidelines for the operation of the VGISC will however provide interfaces to external users such as SADIS to be supported in the same way in the future as in the past.

2.5 In the migration process to VGISC it has always been confirmed that the interface to specific clients of any of the three centres will remain unchanged and will continue to operate in the existing mode. Moreover the delivery to specific clients of each of the three centres remains under full authority of that particular centre.

2.6 These statements are the basis for the continuation of smooth operation of all centres to third partners or clients.

3. ACTION BY THE SADISOPSG

3.1 The group is invited to take note of the information in this paper.

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