Technical Sub-Group on Direct Broadcast Packages & RARS

RARS matters

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RARS Technical Subgroup Background

• RARS currently provides retransmission of ATOVS L1b, from 42 stations covering 80% of the globe, within 30 min

• Current challenge is to apply this concept to data from S-NPP/CrIS, METOP/IASI and FY-3/ MWHS, MWTS, (H)IRAS
Progress on RARS since ITSC-18

- Additional stations providing NOAA/ATOVS RARS products
  - New-Delhi, Chennai (IMD) in test mode
  - Tahiti (Meteo-France) to become operational within a few days
  - Easter Island planned through agreement between CLS-Argos and Chile

- A number of stations (24 out of 42) providing METOP/ATOVS

- Hyperspectral IR sounder products
  - EUMETSAT provides IASI and CrIS products on a pilot basis
  - Codes and identifiers proposed for these new products
  - Estimation of data rates (requested by APSDEU/NAEDEX)

- CGMS-41 was informed on the NOAA project of Real-Time Network for Low-Latency Infrared and Microwave Sounder Data
  - Recommended convergence with RARS
Topics for discussion

• Current RARS network status (questions?)
• Update on RARS standards
  – Format and GTS convention for new RARS products
  – Possible « Guide on DRARS » system / services
• Status of hyperspectral IR RARS pilot services
  – Issues and recommendations
• Convergence between RARS and NOAA project
• Input to CGMS, APSDEU-NAEDEX, WMO/CBS