

# Report on first session of ETDMP

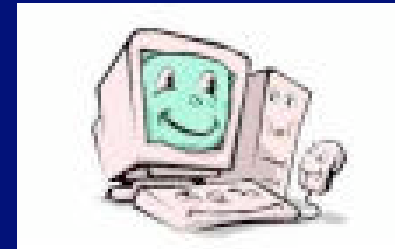
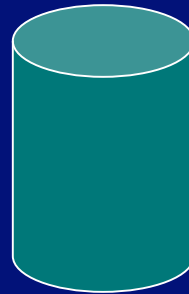
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ETMC-I

# Overview

- General overview of meeting
  - Aspects relating to ETMC
  
- Pilot Projects
  - Metadata
  - Data quality
  - E2EDM

# Achievements of ETDMP-1

- Requirements for E2EDM of GCOS, COOP and MMS (in-situ and satellite)



- Existing / planned marine data management systems (incl. metadata)

# MMS presentation to ETDMP

- VOS and VOSClm data management

VOS

- Generation

CM

- Transmission

GCC

- Dissemination

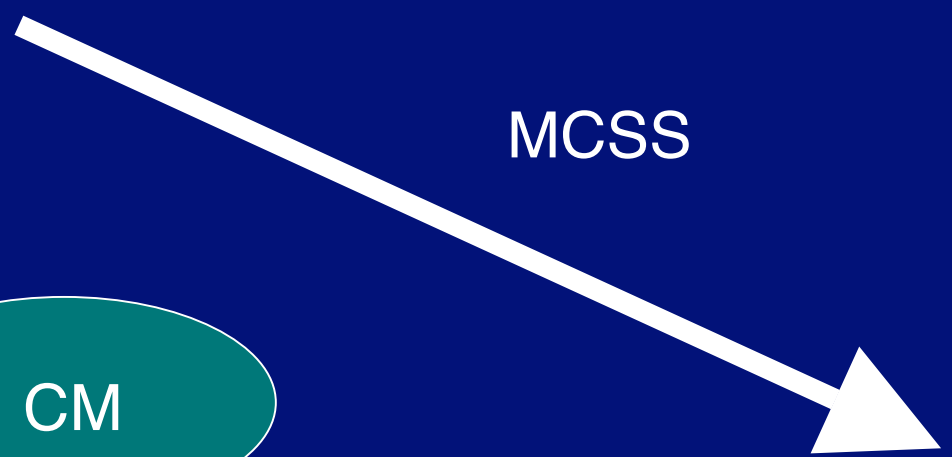
- Quality

RM

- Archival

- Availability

MCSS



# Achievements of ETDMP-I

- Ocean Information Technology pilot project
  - metadata systems
  - data assembly, quality control and quality assurance
  - data circulation and communication
  
- E2EDM strategy

# ETDMP pilot project 1

- Develop a common metadata standard for JCOMM
  - Choose most-used system?
  - Compare systems / map crosswalks?
  - Create new directory?
- MEDI, GCMD, EDMED, EDMERP, EDOIS, SEA-SEARCH, ISO19115, ODAS ....

# ETDMP Pilot Project 2

- Unique tag for original data
  - Avoid duplication from multiple versions
  - GTSPP currently trialling this
- Data quality assessment and flagging standard
  - Many quality procedures, flag range confusing
  - Compare QC for a subset of variables

# ETDMP Pilot Project 3

- End-to-end data management prototype
  - Build and demonstrate a system which can undertake real-time fusion of data from distributed sources into sample products
    - » Users can request a variety of data types (physical, meteorological or biological marine data) over a space-time region



# MMS involvement with E2EDM

- UK asked to be meteorological data provider
  - Air temperature
  - Sea surface temperature
  - Pressure
  - Wave
- Hope to be involved, currently investigating resources, decision by 23<sup>rd</sup> July

# Cooperation with other programmes

- Marine XML activities
  - ICES-IOC SGXML, EU Marine XML project
  - <http://marinexml.net>

# Cooperation with other programmes

- Future WMO Information System
  - Routine collection of observed data
  - Auto dissemination of scheduled products
  - Ad hoc, non-routine applications
  - Different user group and access policies

# Cooperation with other programmes

- Data Management And Communication system of US IOOS
  - Metadata (data discovery)
  - Data transport
  - On-line browse
  - Archive
  - Metrics, feedback and fault correction