Report by the ETMC Chairperson
(Doc. 2.1)

ETMC-II, Geneva, 26-27 March 2007
S. Woodruff, NOAA/ESRL
Team Background

• Successor of the former CMM Subgroup MC
• (Re)established by JCOMMI (2001) -II (2005)
• Major past focus: Marine Climatological Summaries Scheme (MCSS) (1964):
  ✓ Delayed-mode VOS data (IMMT, MQCS)
  ✓ MCSS Summaries (MCS)
• Other MC-related tasks including:
  ✓ VOS/ODAS metadata, Code Histories, Workshops
New Directions

• Separate the data handling, from MCS product production, via two (proposed) Task Teams:
  ✓ Delayed-Mode VOS (TT-DMVOS)
  ✓ Marine and Oceanographic Climatological Summaries (TT-MOCS)

• JCOMM-II (2005): Urged ETMC to examine how marine, oceanographic, and ice climatologies could be “coordinated so as to been seen as an integrated product.”

• Strengthening linkages: JCOMMM & externally
  • E.g., WMO Commission for Climatology (CCI), ETCCDI
JCOMM Structure

Emerging & potential linkages of ETMC with other PAs

Management Committee
- 2 Co-Presidents,
- 3 PA Coordinators,
- rep. of Team Sat. Data Req.,
- rep. of Team on Capacity Building,
- rep. of TT on Resources,
- reps. of GOOS, GCOS, IODE, additional experts

Observations Coord. Group
- OBS Coordinator (chair),
- Chairs of Teams/panels, liaison with Argo,
- IOCCP, OceanSITES, data assim. expert,
- Ocean satellite, Met satellite experts,
- CB Rapporteur

Services Coord. Group
- SERV Coordinator (chair),
- Chairs of EIs,
- 3 additional experts,
- Satellite expert,
- CB Rapporteur

DM Coord. Group
- DM Coordinator (chair),
- Chairs of EIs, 3 specific experts incl. WIS, rep. IODE, 2 additional experts,
- Satellite expert,
- CB Rapporteur

Cross-cutting Team on Satellite Data Requirements

Cross-cutting Team on Capacity Building

Task Team on Resources

Data Buoy Cooperation Panel
- GLOSS Group of Experts
- Argo
- IOCCP
- OceanSITES

Ship Obs. Team
- ASAPP
- SOOPIP
- VOSP

Expert Team Maritime Safety Services

Expert Team Maritime Accident Emergency Support

Expert Team Marine Climatology

Jointly with IODE

Expert Team Data Management Practices (Joint IODE)
- XML
- OIT
- GEBICH
- GOSUD
- GTSSP
ICOADS connections

International Comprehensive Ocean-Atmosphere Data Set

• Current period of record: 1784-2005

• VOS data (and metadata) plus:
  ✓ Drifting and moored buoys
  ✓ Near-surface oceanographic profile “SST”

• Strengthening linkages to JCOMM/ETMC
  ✓ IMMA format: operational
  ✓ Possible Internationalization of some tasks: suggested by past CLIMAR/MARCDAT workshops + ETWS-II
Trimming limits (Jul) 3 periods (end yr)

Problems in QC of new data for early period, e.g., RH, SLP

Possible linkage with MCS work?
ICOADS Blend Candidates

green = digital, yellow/red = partial/planned, b.f. = Auxiliary (IMMA)

A variety of linkages w/ ETMC:
- Knitting together marine + oceanog.
- IMMA format
- Metadata (Pub. 47)
- Data archaeology

- COAPS R/V: 1980-98; 58K
  Chinese/GODAR Ships: 1968-93; 424K
  Arctic Drift Stations: 1952-76
  US Navy Hourlies: 1952-64; 3M (deck 117)
  UK Marine Data Bank: 1950-79

- Japanese Whaling Data: 1946-84; 30K
  UK Royal Navy Ship's Logs: 1938-47
  Russian R/V Marine: 1936-2000; 2M

- US Lightship Data: 1891-1986
  Japanese Kobe (2003 Ed.): 1889-1940; 3.1M
  US GMN Obs: 1886-1902, 1910-12; 1.4M

- US Marine Met. Journals: 1878-94; 1.8M
  World Ocean Database 2005: ~1874-2005; 7.9M

- Arctic Norwegian Logbook Data: 1867-1912; 125K
  DWD Historical Archive: 1850-1939; 11.2M

- German Maury Collection: 1845-67; 500-750K

- CLIWOC: 1750-1854; 300K
**CLIMAR-III**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Committee</th>
<th>Update</th>
<th>Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-9 May 2008</td>
<td>Gdansk/Sopot/Gdynia, Poland</td>
<td>Local Organizing Committee:</td>
<td>Updating Dynamic Part of the <em>Guide to the Appl. MC</em></td>
<td>Possible back-to-back meetings (e.g., informal ETMC)</td>
</tr>
</tbody>
</table>