



# Report of the Global Collecting Centres

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- 2006 annual report and general GCC procedures
- Highlights & Issues
- Future plans
- Actions



Under the current set-up of the Marine Climatological Summaries Scheme (MCSS) there are:

- 41 potential Contributing Members (CMs)
- 8 Responsible Members (RMs) with separate areas of responsibility for storage & provision of data
- 2 Global Collecting Centres (GCCs) to process submitted data to the WMO Minimum Quality Control Standards (MQCS) and distribute to RMs

# Summary of 2006 annual report

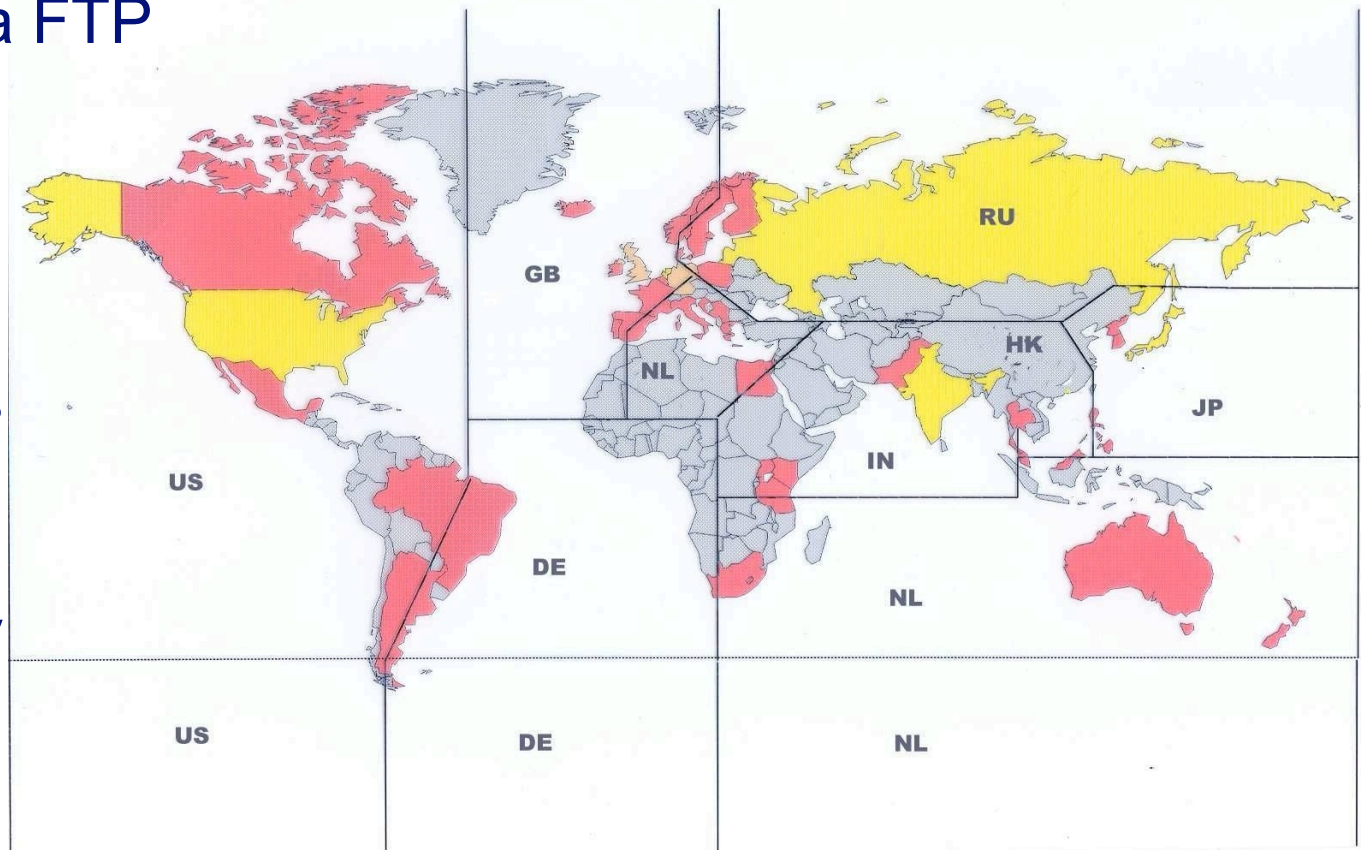


- 2006 was the 13<sup>th</sup> year of GCC operations
- Just under 1 million observations submitted
- from 16 Contributing Members
- More than half the data received was from the last 2 years (2005 & 2006)
- VOSCLim contributions on the increase
- IMMT-3 format is being used for nearly two thirds of observations
- On land and duplicate data decreasing

- All RMs receive the global dataset via FTP
- This means there are potentially 8 different versions of the same observation that could be officially provided

## Countries under the MCSS

41 contributing members (2002)



An ever increasing proportion of data is being submitted:

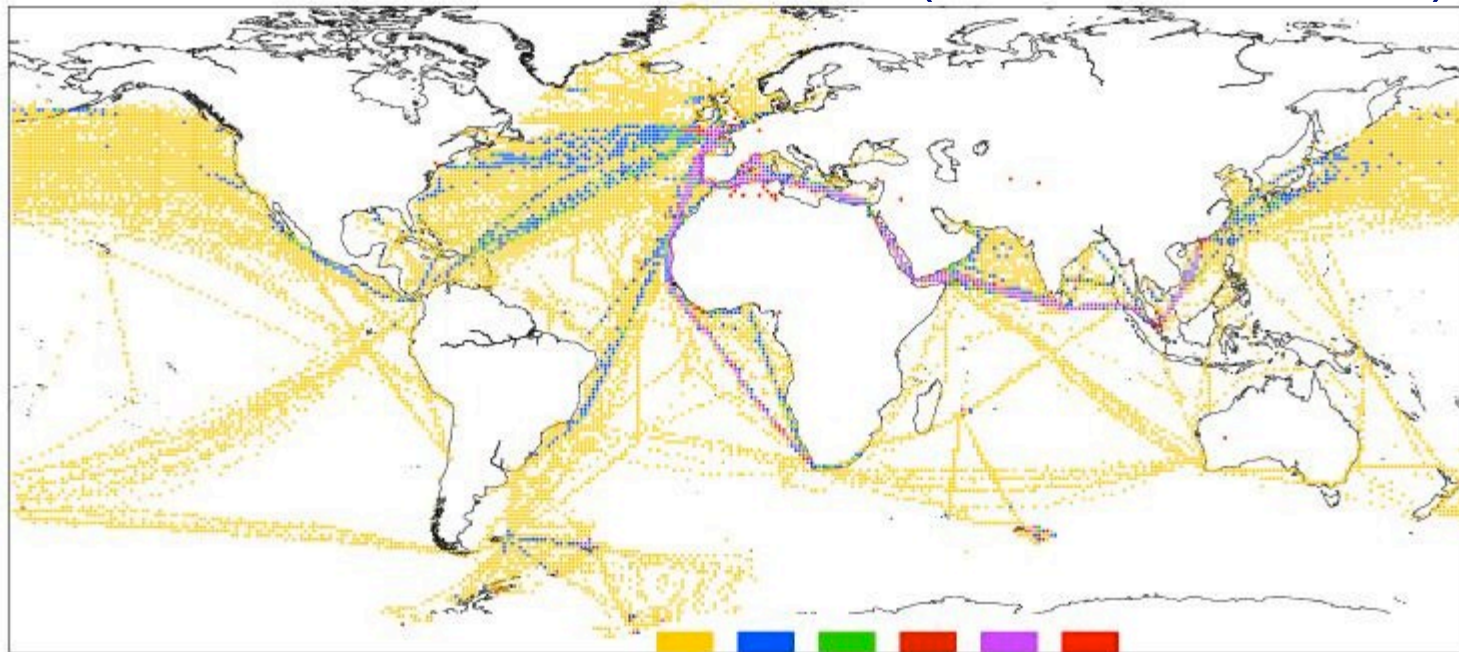
- in IMMT-3 format
- with flags, having been checked to MQCS
- with fewer duplicates
- with fewer on land positions
- with VOSClm elements (more later)
- from the recent past
- without invalid characters
  
- with masked callsigns



# Highlights & Issues – VOSCLim (1)



- 9 CMs are registered with VOSCLim project, 5 submitted data in 2006
- Amount of data increasing (%age of total obs): 1% in 2003; 4% in 2004 and 2005, 9% in 2006 (distribution below)



Area distribution

<9 <18 <27 <40 >40 Land

# Highlights & Issues – VOSClm (2)



- Not all VOSClm ships report the extra elements
- Some un-registered ships are submitting VOSClm elements

2006	Countries	Total number of obs	Number ships registered	Number obs with VOSClm elements	Number obs with VOSClm elements
		<b>VOSClm registered</b>			<b>Non VOSClm</b>
1 <sup>st</sup> quarter	NL, <b>FR</b> , DE	15594	19	3453	2026
2 <sup>nd</sup> quarter	<b>GB</b> , DE, NL, IN	47116	78	38637	8
3 <sup>rd</sup> quarter	DE, IN, <b>FR</b> , <b>NL</b>	11767	36	2554	1223
4 <sup>th</sup> quarter	DE, <b>GB</b>	9536	50	8815	409
<b>Total</b>	<b>5</b>	<b>84013</b>		<b>53159</b>	<b>3666</b>



- The MQCforCMs software package was updated for IMMT-3 and MQCS-V. It also gives the option of separating duplicate obs. Version 3 of the software has been distributed to 22 CMs, at their request.
- The DWD have updated their GCC website [www.dwd.de/gcc](http://www.dwd.de/gcc)
- The Met Office have created a GCC website [www.metoffice.gov.uk/research/interproj/gcc/](http://www.metoffice.gov.uk/research/interproj/gcc/)

The MCSS system was set up in 1963 and current process has been in place since 1993. It is time to modernise the data flow, so we can make use of the increase in IT capabilities, so globally better use can be made of the data we collect.

Consider:-

- Collection (electronic logbooks, BUFR / IMMT)
- Processing (MCQS, real-time and delayed-mode)
- Storage (higher QC, number of data centres)
- Access to data (using internet, single point of contact)
- Products produced (centrally / individual members)

- Agree change needed
- Set up of Task Team(s) to investigate and propose change for data flow and summaries charts
  - terms of reference for task team(s) need to be agreed at this meeting
  - related to MCSS revision (item 6.1) and DMCG proposal
- Task team to report back within 1 year
  - further work may result
- Formal proposal from ETMC to JCOMM-III



**Further discussion**