

Medspiration UCM-6, 19th Nov 2008

Introduction and Management Report

# Introduction and Management Report

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# Welcome to the Globcolour-Medspiration User Meeting

- 6<sup>th</sup> & Final Medspiration User Meeting - today, 19<sup>th</sup> Nov
- 3<sup>rd</sup> Globcolour User Meeting – tomorrow, 20<sup>th</sup> Nov
- The Medspiration Service closes down on 30 Nov 2008
- Our objectives for this meeting are:
  - ❖ To report on the Service delivery since UCM-5 in Oslo [Session 1]
  - ❖ To close-out the contractual issues [Session 1]
  - ❖ To receive comments from our users [Session 2]
  - ❖ To review achievements of the Medspiration Service [Session 2]
  - ❖ To identify how the operational service provided by Medspiration will be continued seamlessly by other players [Session 2]
  - ❖ To learn how ESA DUE is evolving from Medspiration and Globcolour towards new climate initiatives [Session 3]



# UCM-6: Session 1

Wed 19th **Final overview of the Medspiration Project** Chair, Craig Donlon

9.00	Introduction and Management report on Medspiration	Ian Robinson
9.15	Report on Medspiration operations 2005-2008	Jean-François Piollé
9.40	Report on the Medspiration HR-DDS	David Poulter
10.00	The development of the Medspiration MDB	Jean-François Piollé
10.15	Review of the overall achievements of Medspiration	Ian Robinson
10:40	Discussion - lessons from Medspiration	
11.00	<i>Coffee</i>	



# UCM-6: Session 2

Wed 19th

Impacts of the Medspiration Project Chair: Ian Robinson

11:30	Worldwide Impact: The contribution of Medspiration to the evolution of GHR SST	Craig Donlon
12.00	European Impact: The contribution of Medspiration towards new European operational SST analysis products	Hervé Roquet
12.25	Regional Impacts: Mediterranean use of Medspiration	Rosalia Santoleri
12.50	<i>Lunch</i>	
14.00	Impact on regional L4 products	Emmanuelle Autret
14.25	Media and public impact of Medspiration	Frédéric Le Gall
14:40	Impact on data quality - improved AATSR L2P error statistics	Gary Corlett
15:10	Impact on ESA data products: future AATSR L2P provision	Nigel Houghton
15:30	Discussion - ongoing challenges from Medspiration	
15:45	<i>Coffee</i>	
16.00	Legacy of Medspiration and Globcolour within the MCS of Kopernikus - the MyOcean SST and Ocean Colour TACs	Lia Santoleri (for MyOcean)
16.20	Discussion - maintaining the momentum of the DUE projects	
16:25	<i>End of Session 2</i>	



# Session - 3

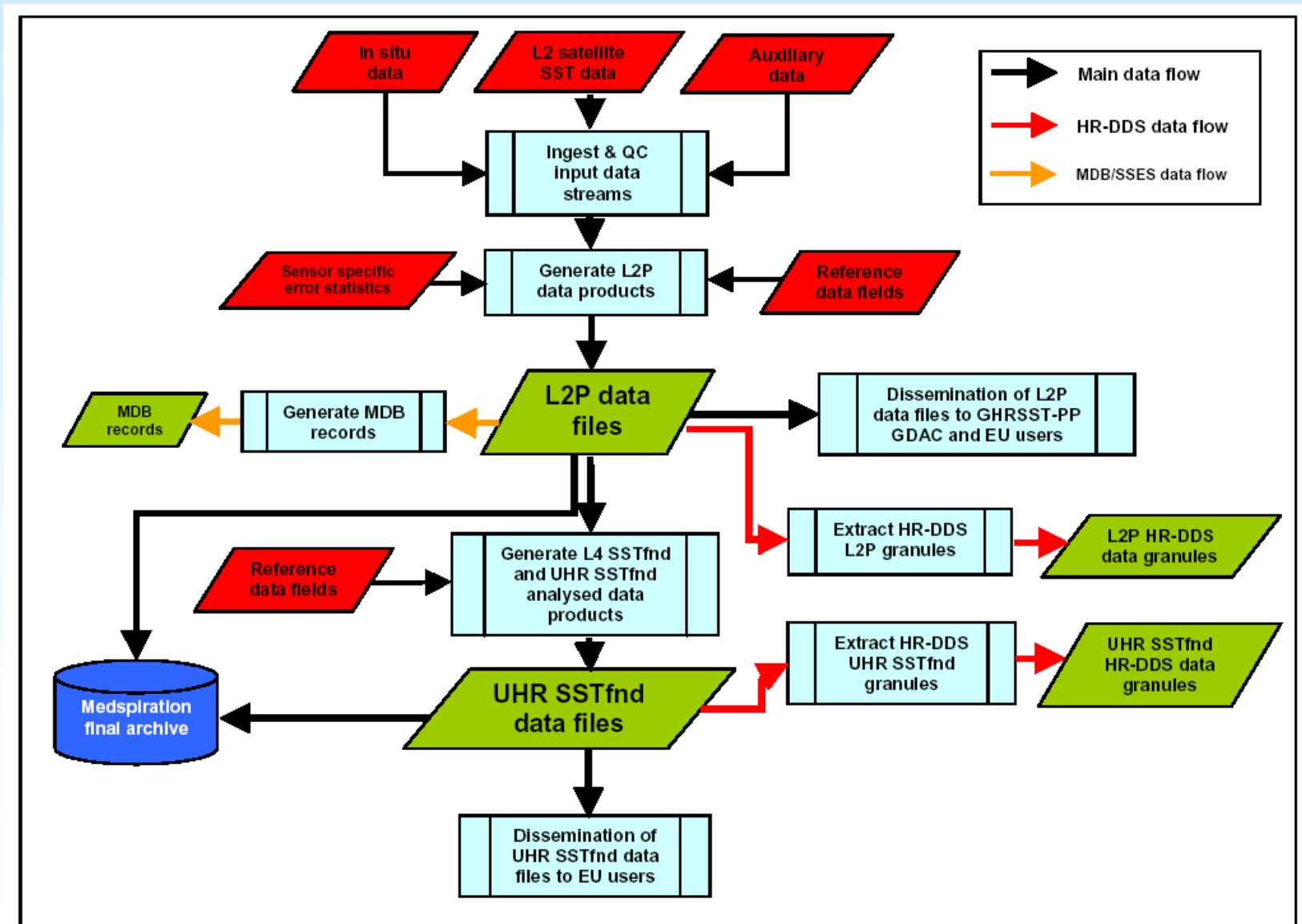
Wed 19th

**Future Outlooks - Chairman: Olivier Arino**

16.30	Sentinel-3 OLCI and SLSTR	Craig Donlon (ESA)
16.55	ESA Climate Initiative	Olivier Arino
17.20	Sea surface temperature ECV	Chris Merchant
17.50	Ocean colour ECV	André Morel
18.15	Open Discussion	
18:30	<i>End of session</i>	

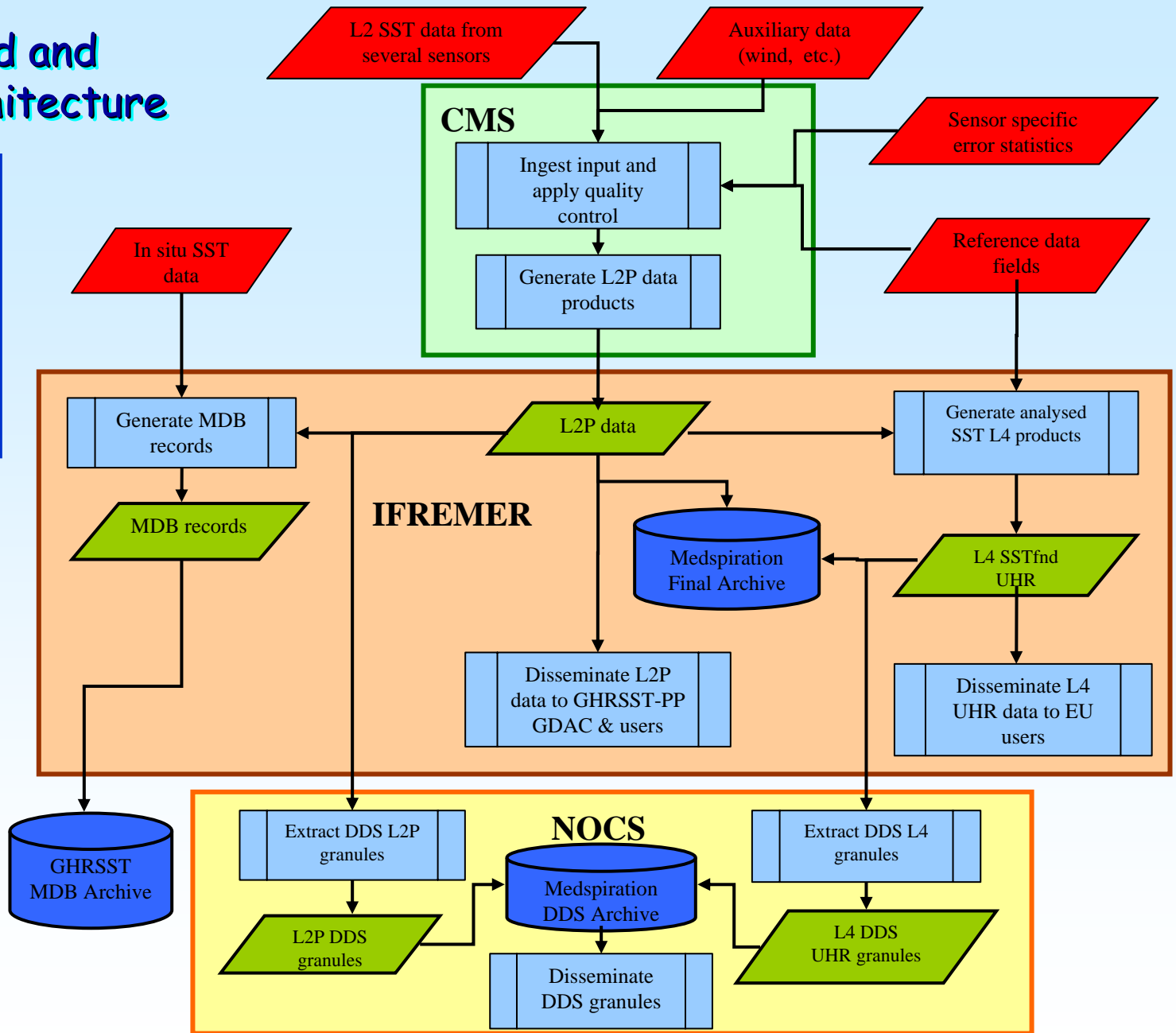


# Outputs from Medspiration - the system itself



# A distributed and modular architecture

- Flexible
- Resilient
- Reliable
- Efficient



# What has Medspiration produced ? Data

- Continuous production of L2P products since March 2005.
- 1 Feb 2005 to 1 Nov 2008 produced **73427** L2P files
  - ❖ **17651** were AATSR,
  - ❖ **5413** were NAR
  - ❖ **10835** were SEVIRI
- Created 2681 L4 analyses of Mediterranean (June 2005 →), N.E. Atlantic shelf (2006→), Galapagos (Feb 2007 →)
- All L2P and L4 products were archived @ Ifremer and sent to the GDAC @ JPL and thence to the LTSRF@NODC
- From 1 Mar 05 to 1 Nov 07, **4,092,246** MDB records have been produced
- The HRDDS has created data granules from every Medspiration product since mid 2005





# What else have we produced ? Reports

- Technical

- ❖ Reference Baseline
- ❖ Technical Specification
- ❖ 5 Design Justification Files
- ❖ 4 Design Definition Files
- ❖ Interface Control Document
- ❖ Acceptance Test Procedures Document
- ❖ Acceptance Test Report
- ❖ Service User manual
- ❖ Update system acceptance test

- Usage

- ❖ DPQR (6 individual volumes)
- ❖ 2 media outreach reports

- Management

- ❖ 2 Management plans
- ❖ 48 Monthly progress reports
- ❖ 3 Quarterly progress reports

- Data Production

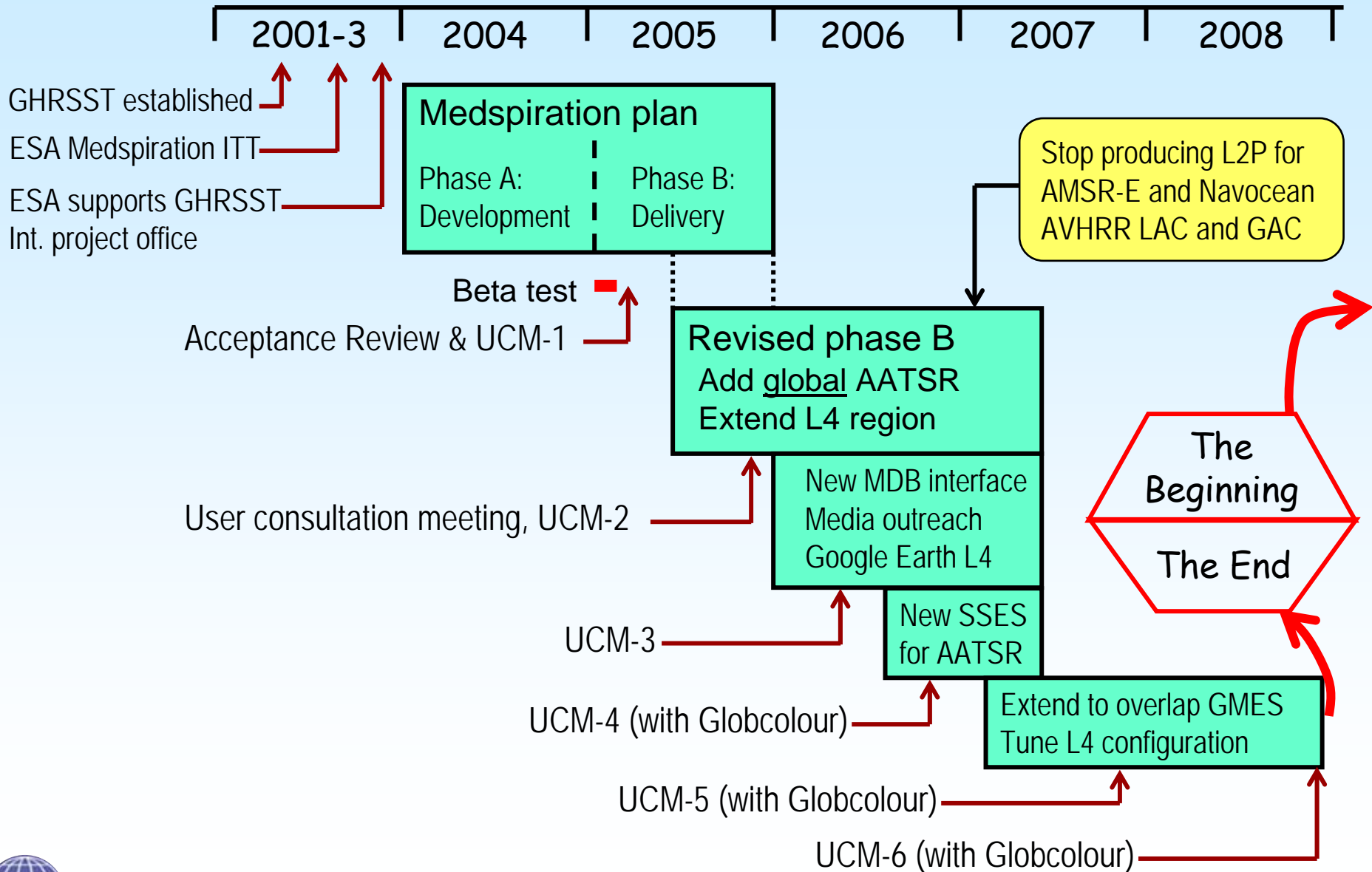
- ❖ 38 Operational Reports

- Science / applications

- ❖ Report on optimal interpolation in high latitude seas
- ❖ 2 Reports on OI in Mediterranean
- ❖ 2 reports on new SSES for AATSR



# The life-cycle of Medspiration



# The future for the Services provided by Medspiration

