Outline

- Science Team Meetings
- Selection of the Team
- Headquarters Perspective
Memorial

Yves Menard
March 2006
Venice OSTST Meeting
Last Major OSTST Meeting

VENUE: Wrest Point, Hobart, Tasmania, AUSTRALIA
TIME: 12-15 March 2007
OSTM Launch

Small OSTST Science Team Meeting

Successful launch on 6/20/08

Successful transfer to operations to NOAA on 10/29/08.
Next Science Team Meeting

- Seattle, Washington
- Venue: Crowne Plaza Hotel (Downtown)
- Dates: 22-24 June 2009
OSTST Selection

• 26 US PI Selected
• Investigations Starting 1 October 2008 for 4 years
• Retained some flexibility to add some studies to support development of high-resolution altimetry
• Extension of old OSTST contracts through March 2009.
• Costing metric in place in FY09.
Aggressive billing against your contracts and grants is greatly appreciated.
Key recommendations from OSTST

• Cal/Val and on-orbit performance of Jason-2
• Orbital changes for Jason-1 (when, where, why)
• Readiness of OGDR
Future Directions

• New Administration (President Obama)
  – Transition in policies (Retirement of Shuttle, Constellation Program, Mars Science, Vision for Space Exploration, Earth Science, ....)
  – Spending wisely? (e.g. conference funding law)

• Interdisciplinary, Earth System Science - Better integration of our work with other disciplines is essential for the missions of the next NASA decade.
Surface Water Ocean Topography

The SWOT spacecraft, shown here in an artist’s conception, will make accurate measurements of mesoscale ocean features and surface water parameters.

NASA/CNES Partnership

2015 Era

Joining the Physical Oceanography And Surface Water Hydrology Communities
Global Mean Sea Level Rise
Average Rate = 3.5 mm per year

Thermal Expansion 1.4
Mountain Glaciers 0.9
Greenland Ice Melt 0.5
Antarctic Ice Melt 0.4
Land water storage -0.6

[IPCC FAR Fig. 5.14]
Dr. Eric Lindstrom
U.S.A.
National Aeronautics
and Space Administration