



# SIT Chair summary – VC session

SIT Chair

SIT-25

Pacific Hotel Tokyo, April 13-14, 2010

# Current summary of VC

VC	Objective	Status	Goal
ACC since 2006	To collect and deliver data to improve monitoring, assessment, and predictive capabilities for changes in ozone, air quality, and climate	<ul style="list-style-type: none"> <li>-Data Portal - completed</li> <li>-Coordination with Carbon TF (Host Carbon from Space WS in Sept 2010)</li> <li>-Waiting for response from SIT to Gap Analysis</li> </ul>	<ul style="list-style-type: none"> <li>Gap Analysis?</li> <li>Data Portal?</li> <li>CEOS or Agency Plan?</li> </ul>
LSI since 2006	To determine optimal capabilities to acquire, receive, process, archive, and distribute land surface image data to the global user community.	<ul style="list-style-type: none"> <li>-Data Portal – enhance</li> <li>-Mid resolution guidance document</li> <li>-synergy with WGCV</li> <li>-Climate support</li> <li>-FCT support</li> <li>-Membership issue</li> </ul>	<ul style="list-style-type: none"> <li>Guidance document?</li> <li>Data Portal?</li> <li>CEOS or Agency Plan?</li> </ul>
OST since 2006	The implementation of a sustained, systematic capability to observe the topography of the surface of the global oceans ranging from basin-scale to mesoscale.	<ul style="list-style-type: none"> <li>-Membership issue (China and India)</li> <li>-Success Jason-3 budget</li> <li>-User Requirement document - established</li> </ul>	<ul style="list-style-type: none"> <li>User Requirement Document?</li> </ul>

# Current summary of VC (2/2)

VC	Objective	Status	Goal
PC since 2006	To guide, facilitate, and coordinate continued advancements of multi-satellite global precipitation missions.	<ul style="list-style-type: none"> <li>-Membership issue (China and Russia)</li> <li>-Data Sharing</li> <li>-Post-GPM study begun</li> </ul>	<ul style="list-style-type: none"> <li>GPM success?</li> <li>Data Portal?</li> <li>Post GPM requirement?</li> </ul>
OSVW since 2009	Promote the widespread use of scatterometer-derived surface vector winds and altimeter-derived significant wave heights in operational marine analyses and forecasts worldwide	<ul style="list-style-type: none"> <li>-Working integrated dataset</li> <li>-Membership issue (China and Russia)</li> <li>-Implementation Plan - established</li> <li>-Single Portal access is needed</li> </ul>	<ul style="list-style-type: none"> <li>Data Portal?</li> <li>Integrated Dataset?</li> </ul>
OCR since 2009	To provide long time series of calibrated ocean colour radiance (OCR) at key wavelength bands from measurements obtained from multiple satellites.	<ul style="list-style-type: none"> <li>-Priority for supporting ECV Ocean and considering international framework</li> <li>-L1 data requirement for future Ocean mission</li> <li>-Linkage WGs – WGCV</li> </ul>	<ul style="list-style-type: none"> <li>GCOS Ocean support?</li> <li>Data Requirement?</li> </ul>

# VC uniqueness and activity

- Virtual Constellations - Very unique methodology of CEOS
  - Information exchange, synergy, meet user needs
- Different types of activity - Mission Planning Coordination, Multiple Data Provision, etc
  - The outcome could be used for facilitating agency's program
    - OST "Next 15yrs Ocean Altimetry" – ensure Jason-3
    - Gap Analysis and Guidelines would also be used
  - Data Sharing and Portals
    - ACC, LSI established their own portals
    - OSVW strongly desires one stop portal

# Next Steps - Goal Oriented

- Goal/Outcome for accomplishment of each constellation
  - Milestone would be necessary **incl. end point**
- Flexible process for closing finished ones and engaging new constellations
  - What is the next step of OST? – close or new topic?
  - SST, Sea Ice, GPS Occultation – any proposals?
- SIT Chair – VC Lead telecon will be planned for discussing including above points, also for encouraging VC Lead's initiatives
- Membership is critical especially China, Russia, India