



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for June 7, 2013
Ed Kearns, Acting Chief



CDR Program Office

NPP/JPSS Climate Raw Data Records (C-RDRs) Project

Weekly Report – June 7, 2013

VIIRS

- ① • Completed code for C-RDR.

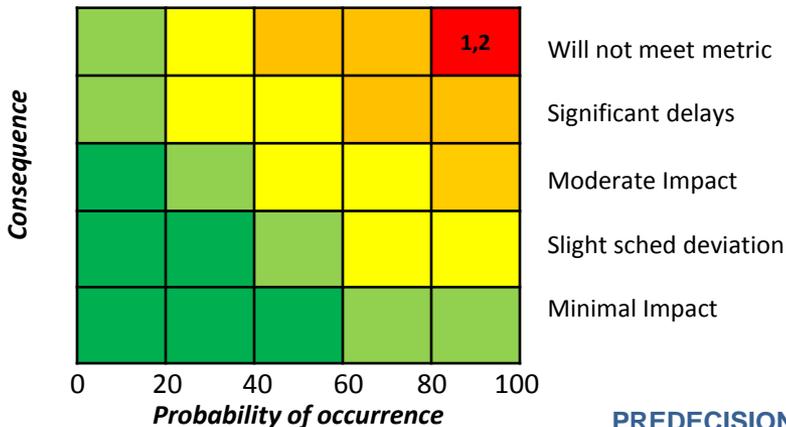
System Infrastructure

- ② • Integrating with the VIIRS C-RDR.
- Resolving build issues within the TEST container.
- Evaluating JPSS support data changes and their effects.
- C-RDR is configured and running in DEV.
- C-RDR is first product moving to three tier environment so steps are documented as they occur.
- Initial verification of SDR from C-RDR compared successfully.
- Draft System Acceptance Test procedure completed.
- VIIRS Product Specification is ITAR approved.
- C-RDR access via HAS (two years of tapes for HDSS).
- Integrating: Ingest data from CLASS and producing C-RDRs.
- Will deliver initial version with ADL 3.1.

C-RDR Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
Milestones						▲▲▲	▲▲▲											
Finalize Code					■													
TEST						■	■											
Dry Runs						■	■											
SAT							■											
OPERATIONS							■											
Prepare OPS							■											
Operations								■	■	■	■	■	■	■	■	■	■	■
Write SOP								■										
Write OAD							■	■										
CR: Support Data									■	■	■	■	■	■	■	■	■	■
CR: Reprocess													■	■	■	■	■	■

R2O PHASE: ANALYSIS DESIGN DEVELOPMENT INTEGRATION TEST OPERATIONAL

Risk Matrix



Risk and Mitigation

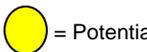
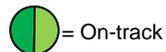
VIIRS, CrIS, ATMS –

- Resources are being reduced. Delivery of CrIS and ATMS will be delayed.
- Operational software is under maintenance, updated versions may affect C-RDR ported version.

System Infrastructure –

Reliability of NPP RDRs from CLASS. Need to test ingest of RDRs from CLASS and develop an automated mechanism for re-requesting data.
 Reliability of Blade Center administration support. ITB admin position remains unfilled. ITB is working to fill the position.

PREDECISIONAL DRAFT INFORMATION





CDR Program Office

OISST Research to Operations Project

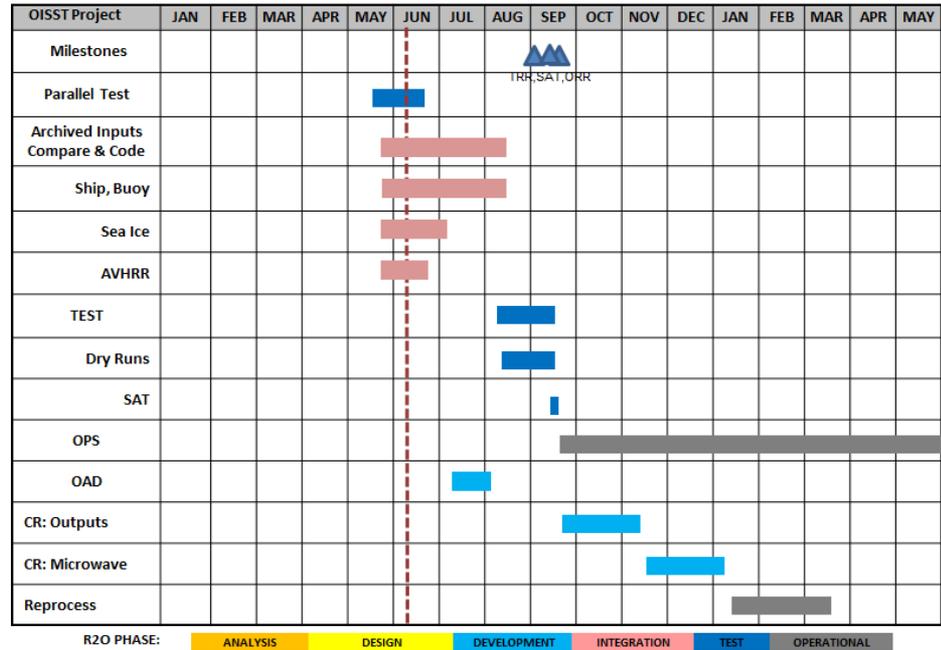
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1 OISST – Optimum Interpolated Sea Surface Temperature

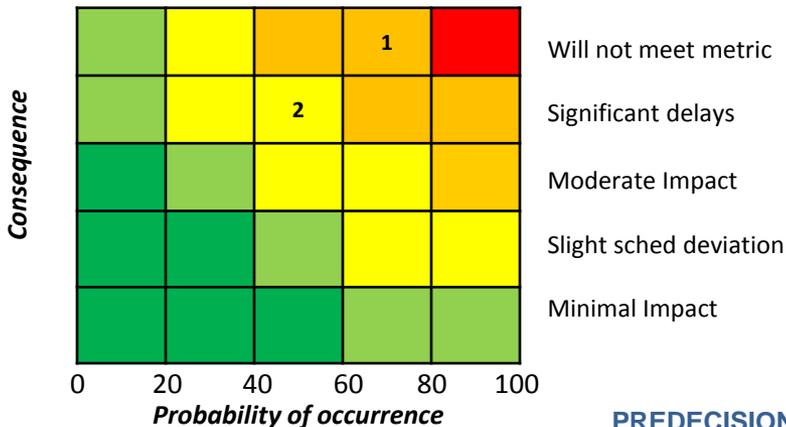
- Comparing NCDC GTS with NCEP ship/buoy data for use. GCAD has resolved some differences and is working to resolve others.
- Comparing NSIDC Sea Ice with NCEP data.
- AVHRR data for 15 day delay is available from CLASS. Working on an access mechanism.
- Schedule will need to be re-accessed after input comparisons.
- Running test data and code on Rainband for parallel test.
- GSTWG discussing inputs and production of preliminary OISST.
- Created a SOP for operational OISST.
- Completed refactoring of each component.
- Developing tests (functional & component) to verify code.
- Conducted Technology Assessment Review July 25.

Operations:

- Updated and tested scripts to handle new sea ice data format.



Risk Matrix



Risk and Mitigation

- 1 Transition to archived inputs for 15 day delay (final) product requires scientific comparison. Schedule depends on successful comparison for transition implementation. Will make an assessment of best way forward after initial comparisons.
- 2 ITB support is required to move through the three tier environment.

PREDECISIONAL DRAFT INFORMATION

