



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for Sep 2, 2011
John J Bates, Chief

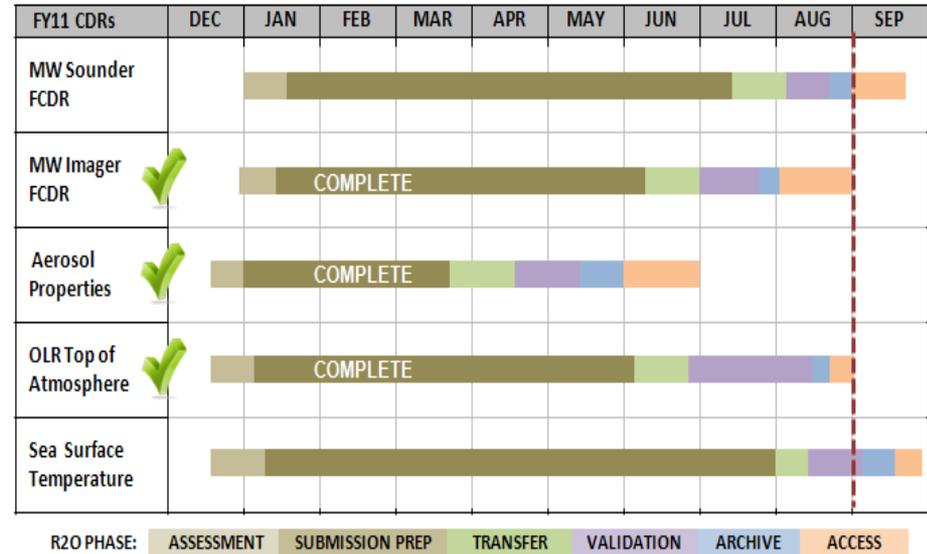


Weekly Report –Sep 2, 2011

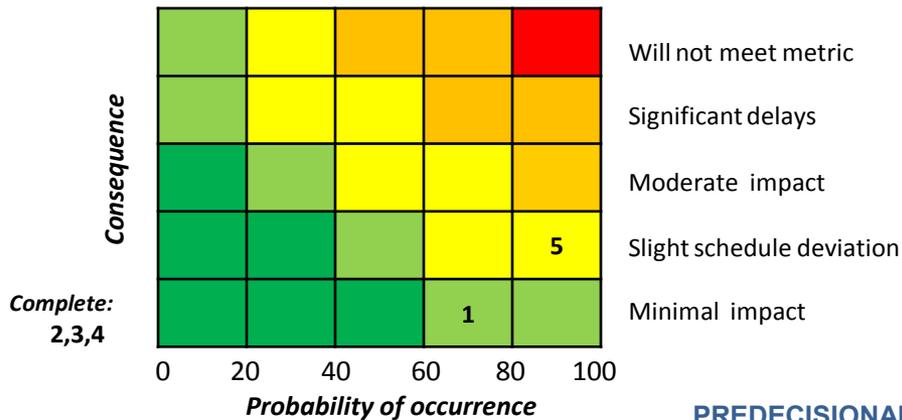
- ① **Microwave (MW) Sounder FCDR**
 - IT security review in progress
- ② **Microwave (MW) Imager FCDR**
 - Completed Aug 24
- ③ **Aerosol Properties**
 - Completed June 16
- ④ **Outgoing Longwave (LW) - Top of Atmosphere**
 - Completed Aug 30
- ↑ ⑤ **Sea Surface Temperature**
 - Dataset converted to netCDF; error found in some of the files
 - CICS Contract signed – documentation progressing; PI delivered code; PI plans to send draft CATBD NLT Sept 9

● No change ↑ Increasing Risk ↓ Decreasing Risk

R2O Schedule



Risk Matrix



Risk and Mitigation

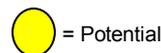
Sea Surface Temp

- Lots of work to be done on documentation
 - CICS contract in place, PI is working on Code headers and CATBD
 - Source code documentation and CATBD should be delivered on time

Mean Layer Temps

- Backup CDR – could be finished, if needed.

PREDECISIONAL DRAFT INFORMATION



= On-track = Potential management action required = Management attention required



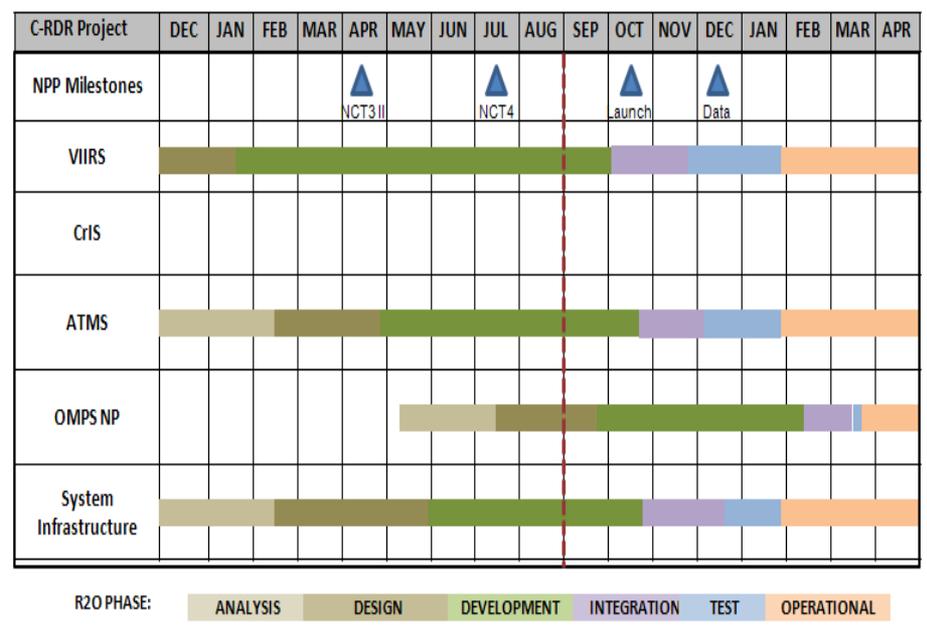
CDR Program Office

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

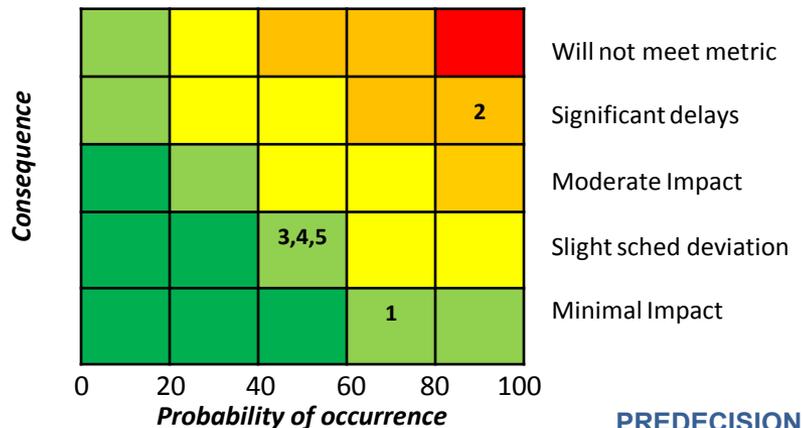
Weekly Report – September 2, 2011

- **VIIRS**
 - ① • Began coding the VIIRS C-RDR generator application in ADL.
- **CrIS**
 - ② • Delaying CrIS C-RDR development until proprietary issues are resolved.
- **ATMS**
 - ③ • Developing code to write the ATMS C-RDR.
- **OMPS Nadir**
 - ④ • Developing code to write the OMPS Nadir C-RDR.
- **System Infrastructure**
 - ⑤ • Developing ingest processing for RDRs.
 - Continue working with CLASS on the CLASS C-RDR Charter.

● No change ↑ Increasing Risk ↓ Decreasing Risk



Risk Matrix



Risk and Mitigation

VIIRS, CrIS, ATMS, OMPS NP, System Infrastructure –

- Operational software is under maintenance, updated versions may affect C-RDR ported version.
- Contractor claims CrIS DR software is proprietary so cannot use for development. Working with old (2007) version of CrIS code. Delay till claim is resolved.

System Infrastructure –

- Availability of automated receipt of NPP RDRs from the CLASS system. Need to test ingest of RDRs from CLASS and develop an automated mechanism for re-requesting data.

PREDECISIONAL DRAFT INFORMATION

9/2/2011

= On-track
 = Potential management action required
 = Management attention required

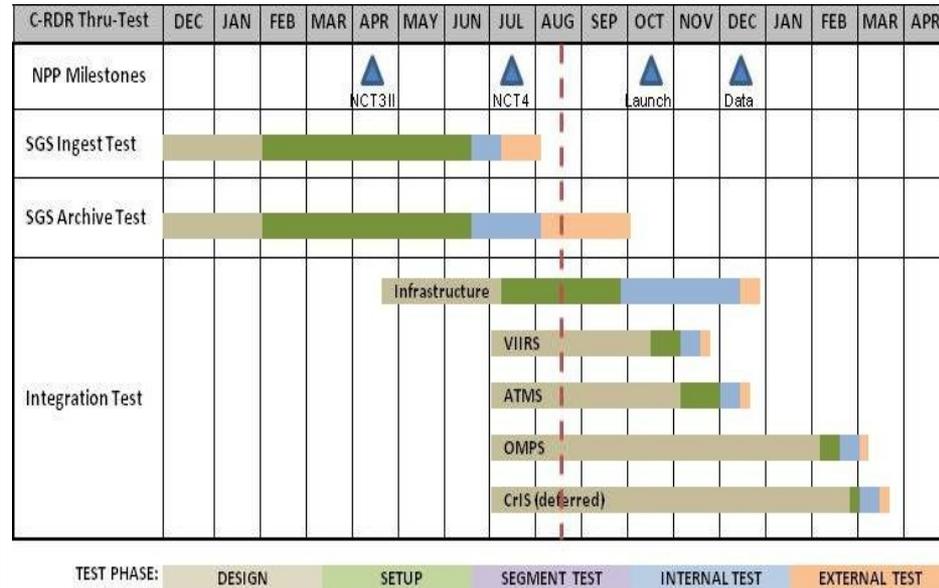


RSAD Operations Branch

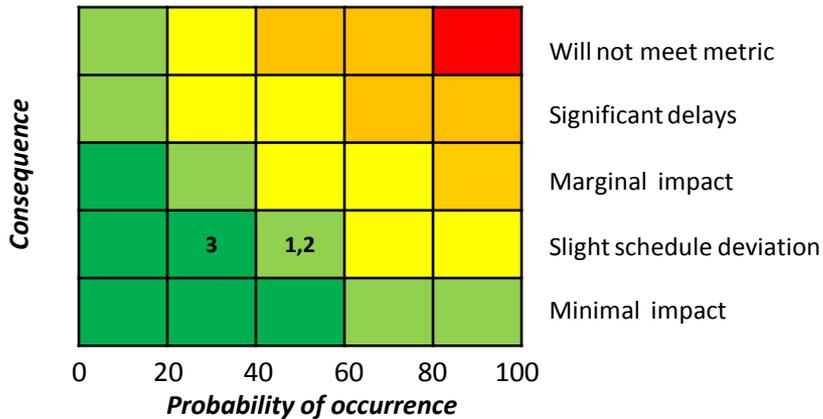
C-RDR Throughput Testing

September 2, 2011

- ① Ingest Test
- ② Dissemination Test
- ③ Integration Test



Risk Matrix



Notes

- Preparing for using LDM in the mid-September NPP System test.
- Environment is setup on blade servers.
- Scripts are prepared for throughput simulation.
- Completed successful internal throughput test using SipGenSys.
- Executed NCT4 throughput test with live CLASS subscription.
- Verifying test anomalies with CLASS.

