

**STAR External Review  
Recommendation Dispositions**

**04 October 2012**

**Recommendation #1:**

Define STAR's role for Sensor Data Records (SDRs), Environmental Data Records (EDRs), and Climate Data Records (CDRs) with respect to related parts of NOAA

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Extend the GOES-R Algorithm Working Group (AWG) approach to the Joint Polar Satellite System (JPSS)	Incorporated the AWG approach into the JPSS Management Control Plan and other JPSS planning documents	2011 Q2
Develop the charter for a NOAA Calibration Center	Developed the Charter and Terms of Reference for the NCC	2011 Q2
Develop plan for a Satellite Operational Algorithm Readiness (SOAR) program	Developed a SOAR initiative for the budget planning process; briefed the NOAA Research Council	2010 Q4
Define STAR / JPSS roles for SDRs, EDRs	Incorporated the AWG approach into the JPSS Management Control Plan and other JPSS planning documents	2011 Q2
Define STAR / Data Center roles for CDRs	Have provided calibrated SDR records to the Data Centers to generate their CDRs. Will continue to develop possible climate CDRs and submit them to NCDC for potential acceptance.	2012 Q4

**Expected Outcome:**

Meet future NOAA requirements for data accuracy and consistency in such areas as Numerical Weather Prediction and climate change assessment

**Disposition as of 28 September 2012:**

Completed

**Recommendation #2:**

Empower STAR to be the NESDIS link between research and operations

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Extend the GOES-R Algorithm Working Group (AWG) approach to the Joint Polar Satellite System (JPSS)	Incorporated the AWG approach into the JPSS Management Control Plan and other JPSS planning documents	2011 Q2
Develop the charter for a NOAA Calibration Center	Developed the Charter and Terms of Reference for the NCC	2011 Q2
Develop plan for a Satellite Operational Algorithm Readiness (SOAR) program	Developed a SOAR initiative for the budget planning process; briefed the NOAA Research Council	2010 Q4
Define respective roles of STAR and the Office of System Development (OSD) for research to operations	Instituted the Transition Scientist Program	2011 Q2

**Expected Outcome:**

Satellite products effectively transitioned from research to operations

**Disposition as of 05 July 2011:**

Completed

**Recommendation #3:**

Clarify STAR roles, responsibilities, and interfaces to other parts of NOAA

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Actively engage the NOAA Research Council, etc. in defining STAR's role	Developed a SOAR initiative for the budget planning process; briefed the NOAA Research Council	2010 Q4
Document overall STAR roles, responsibilities, and interfaces with respect to NOAA	Contributed to SEE Implementation Plans / Integration Tables; drafted updated STAR Strategic Plan	2012 Q3

**Expected Outcome:**

Satellite products effectively transitioned from research to operations

**Disposition as of 28 September 2012:**

Completed

**Recommendation #4:**

Identify resources for STAR to undertake some strategic core stewardship activities

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Estimate resources for STAR's science role in NESDIS	Developed annual budget and SEE initiatives	2010 Q4
Develop Jason and global 1km AVHRR data stewardship plan	Provided first assessments of the new NPP-Suomi sensor data and related product algorithms; continued to strengthen scientific leadership role in the Jason program	2012 Q3

**Expected Outcome:**

STAR maintains its primary focus on product development

**Disposition as of 28 September 2012:**

Completed

**Recommendation #5:**

Identify resources for STAR to participate in relevant international science teams

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Estimate resources for STAR's science role in NESDIS	Developed annual budget and SEE initiatives	2010 Q4
Develop meeting participation plan / budget	Developed annual meeting and travel plan	2011 Q1

**Expected Outcome:**

STAR is able to leverage resources and collaborate through international partnerships

**Disposition as of 05 July 2011:**

Completed

**Recommendation #6:**

Increase STAR's visibility through participation and early presentation of algorithms and products

**Status:**

Work Element	Actions Taken	Completion Date
Develop meeting participation plan / budget	Developed annual meeting and travel plan	2011 Q1

**Expected Outcome:**

STAR is able to share new knowledge early and engage the user community

**Disposition as of 05 July 2011:**

Completed

**Recommendation #7:**

Organize a STAR Advisory Group to define its program plans and set science priorities

**Status:**

Work Element	Actions Taken	Completion Date
Develop a STAR Science Advisory Group charter and development plan	Planned STAR Science Advisory Group (SAG) modeled on the JCSDA Advisory Panel and Science Steering Committee	2012 Q4

**Expected Outcome:**

STAR has a regular process to vet program plans and science priorities with outside experts

**Disposition as of 28 September 2012:**

Completed



**Recommendation #8:**

As a part of JPSS, work closely with NASA to promote STAR participation in Science Teams

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Extend the GOES-R Algorithm Working Group (AWG) approach to the Joint Polar Satellite System (JPSS)	Incorporated the AWG approach into the JPSS Management Control Plan and other JPSS planning documents	2011 Q2
Develop plan for a Satellite Operational Algorithm Readiness (SOAR) program	Developed a SOAR initiative for the budget planning process; briefed the NOAA Research Council	2010 Q4
Define STAR / JPSS roles and responsibilities	Incorporated into the JPSS Management Control Plan and other JPSS planning documents	2011 Q2

**Expected Outcome:**

Develop JPSS satellite data products

**Disposition as of 05 July 2011:**

Completed

**Recommendation #9:**

Authorize STAR to hire a chief scientist

**Status:**

Work Element	Actions Taken	Completion Date
Obtain hiring authority for a STAR Chief Scientist	Approved, but on hold pending budget availability	TBD

**Expected Outcome:**

STAR regains the services of a Chief Scientist

**Disposition as of 28 September 2012:**

Expected completion date is to be determined

**Recommendation #10:**

Develop an explicit strategy for identifying, attracting, and hiring early and middle career scientists with the necessary skills to join the STAR program

**Status:**

<b>Work Element</b>	<b>Actions Taken</b>	<b>Completion Date</b>
Maintain succession planning strategy	Developed annual update of succession plans	2011 Q1
Develop plan for internal research and mentoring program	Addressed in mid-career portion of succession planning strategy	2011 Q4

**Expected Outcome:**

STAR sustains a high-quality scientific workforce

**Disposition as of 28 September 2012:**

Completed