**Suomi NPP EDR Validated 1 Maturity Readiness Review**

**for**

**Land Surface Temperature, Albedo, and Surface Type**

 

**December 11, 2014**

**NOAA Center for Weather and Climate Prediction**

**Room 2552-53**

**Telephone**

**Number: 866-631-7603 Passcode: 6256206**

**WebEx**

[**https://star-nesdis-noaa.webex.com/star-nesdis-noaa/onstage/g.php?MTID=ee8a9fb07ff69528c8e51d0b776d391e0**](https://star-nesdis-noaa.webex.com/star-nesdis-noaa/onstage/g.php?MTID=ee8a9fb07ff69528c8e51d0b776d391e0)

**password: EDRReview**

**Purpose and Goals:**

This is the seventh Suomi NPP Environmental Data Record (EDR) product maturity review to provide a forum for discussion on the readiness of various EDR products to achieve the next maturity level according to the S-NPP maturity schedule. The purpose of this meeting is to discuss readiness for Validated Stage 1 status for the following EDR products: Land Surface Temperature, Albedo, and Surface Type. The expected outcome is a recommendation from the EDR review panel and EDR leads to the Algorithm Engineering Review Board (AERB) that the current products are at the given maturity level, or scheduled changes already approved by the AERB will result in a provisional quality EDR data products. If the data product is determined to not yet be at the given maturity level, this meeting will identify the path forward to achieve this level.

This is expected to be the last review of this type for S-NPP.

Each product review will consist of a detailed report by the EDR product lead or co-lead on the EDR product team’s algorithm development and validation results, the team’s arguments and recommendation on Validated maturity status, user feedback, and planned further improvements following the template provided by STAR JPSS management.

For informational purposes, here is the definition of Validated 1 maturity for the S-NPP EDR products:

“Using a limited set of samples, the algorithm output is shown to meet the threshold performance attributes identified in the JPSS Level 1 Requirements Supplement with the exception of the S-NPP Performance Exclusions.”

In addition, the AIT team will give a presentation demonstrating their chain testing capabilities.

**Review Panel:** Mitch Goldberg (Chair), Jim Gleason, Eric Gottshall, Fuzhong Weng, Jim Yoe, Tom Zhao, Tom Schott, Lihang Zhou, Mike Johnson, David Benner

**Agenda**

**December 11th**

8:30 – 9:15 Land Surface Temperature Bob Yu

9:15– 10:00 Albedo Dongdong Wang

10:00 – 10:15 Break

10:15 – 11:00 Surface Type Jerry Zhan

11:00 – 11:30 AIT Chain Run Testing Demo Weizhong Chen

11:00 – 12:00 Panel Discussion (room 2551) EDR Review Panel