**MEMORANDUM FOR:** Mr. Michael Denning, JPSS/DPA

**FROM:**  Dr. Changyong Cao, VIIRS SDR Team Management Lead

NOAA/NESDIS/STAR

**SUBJECT:** Request for VIIRS SDR Beta Declaration

**DATE:**  4/10/2012

The VIIRS SDR Review Meeting was held on April 5, 2012 at the World Weather Building in Camp Springs, Maryland, hosted by NOAA/NESDIS/STAR. The Review had more than 60 attendees including NPP/JPSS VIIRS SDR Team members, Program and Project Scientists, Joint Center for Satellite Data Assimilation, and representatives from Numerical Weather Prediction (NWP) Centers, and NRL. The purpose of this meeting was to assess the readiness of the VIIRS SDR data product maturity level to be declared “Beta” by the AERB.

The VIIRS SDR team members presented progress on the 58 cal/val tasks, and EDR users also offered their independent assessments of data product quality based on their early analyses. A total of 15 presentations were made and are attached in this CCR package (also available on CasaNOSA under “JPSS/DPA Collaboration<<documents<< VIIRS SDR EDR Review”). Through interactions with the data product users, the SDR chairs and team collected feedback on recommended VIIRS SDR product improvements. The discussion provided an overview of the overall performance of the VIIRS instrument and algorithms as known at this time.

After a thorough review, the VIIRS SDR team, EDR users, and the review panel members reached consensus that although the level of maturity differs in difference aspects, the VIIRS SDR product overall has reached beta status and therefore is recommended to be approved by the AERB, and made available to the public. Detailed descriptions, recommendations, and specific comments can be found in the “NPP VIIRS SDR Product Review Summary” in this CCR package. Additional materials attached in the package include the agenda for the review meeting, and all presentation materials.

We look forward to the AERB approval for the VIIRS SDR beta status for public use. If you have any questions or comments, please contact Dr. Changyong Cao at [Changyong.Cao@noaa.gov](mailto:Changyong.Cao@noaa.gov). Phone: 301 683-2561.