**NPP ATMS SDR Product Review**

**January 13, 2012**

**NOAA Science Center, Room 707, Camp Springs, MD 20746**

**Conference Calling Number: USA: 1-800-369-1866, passcode: 69207**

**International: 1-517-308-9470, passcode: 69207**

**WebEx:** [**https://star-nesdis-noaa.webex.com**](https://star-nesdis-noaa.webex.com)**, passcode:** [**ATMS@January2012**](mailto:ATMS@January2012)

**Purpose and Goals:**

The purpose of this meeting is to discuss readiness for proposing ATMS SDR data product maturity status be declared Beta by the AERB. Cal/Val team members will present progress on their specific tasks and users will offer their independent assessments of data product quality based on their early analyses. The expected outcome is a recommendation from the SDR Chair and the ATMS Algorithm and Cal/Val Team leads to the AERB that the current products are at Beta level or scheduled changes already approved by the AERB will result in a Beta quality SDR data product. If the data product is determined to not yet be at the Beta level, this meeting will identify the path forward to achieve this level.

Through interaction with the data product operational users, the SDR chair and team will collect feedback on recommended ATMS SDR product improvements. The discussion will provide an overview of the overall performance of the ATMS instrument and algorithms as known at this time.

**Outline:**

• Review the progress of ATMS SDR calval tasks

• Get user feedback on ATMS product quality

• Provide guidance on improvements of ATMS SDR products

• Define the SDR maturity level

**Review Panel:**

Fuzhong Weng, Mitch Goldberg, Jim Gleason, Heather Kilcoyne,Laurie Rokke, Neal Baker, Jim Yoe, Tom Schott

**Participating Organizations:**

NOAA, NASA, MIT/LL, Raytheon, NGES, NGAS, JCSDA, ECMWF, UK MetOffice, NRL, SDL

**Agenda**

**Session 1: SDR Early Performance Assessment and Plans**

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| --- | --- | --- |
| 8:30 – 8:40 | Introduction | Tsan Mo/Ed Kim |
| 8:40 – 8:50 | Welcome | Al Powell, STAR Director |
| 8:50 – 9:20 | NASA CalVal | Ed Kim/Joseph Lyu |
| 9:20 – 9:50 | MIT/LL CalVal | William Blackwell/Vince Leslie |
| 9:50 – 10:20 | STAR CalVal | Fuzhong Weng/Ninghai Sun |
| 10:20 – 10:40 | SDL CalVal | Kris Robinson |
|  |  |  |
| **Break: 10:40 – 10:50** | | |
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| 10:50 – 11:10 | Raytheon CalVal | Wael Ibrahim |
| 11:10 – 11:30 | NGES CalVal | Kent Anderson |
| 11:30 – 11:50 | NGAS CalVal | Degui Gu |

**Break: Lunch (12:00 – 1:30)**

**Session 2: User Assessments of ATMS TDR and SDR Products**

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| --- | --- | --- |
| 1:30 – 1:50 | ATMS bias assessment | Li Bi/Christopher Barnet (STAR) |
| 1:50 – 2:10 | Met Office assessment | Nigel Atkinson (Met Office) |
| 2:10 – 2:30 | NCEP assessment | John Derber/Andrew Collard (EMC) |
| 2:30 – 2:50 | ECMWF assessment | Stephen English/Bill Bell/Niels Bormann (ECMWF) |
| 2:50 – 3:10 | NRL assessment | Nancy Baker/Steve Swadley (NRL) |
| 3:10 – 3:30 | ATMS sounding product | Sid Boukabara (JCSDA) |
| 3:30 – 4:00 | Panel reviews | Panel members only |
| 4:00 – 5:00 | Recommendations | All |

**Adjourn**

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