



2016 GLM ANNUAL SCIENCE TEAM MEETING: Post Launch Test Readiness

Tom Bevill Center, Room 280 ■ The University of Alabama in Huntsville ■ September 27-29, 2016

Agenda:

TUESDAY

Tuesday, September 27, 2016			
Time*	Duration	Topic/Title	Speaker(s)
		Start of Meeting	
8:00 AM	30:00	Registration	
Session #1 - Program Updates			
8:30 AM	15:00	Welcome and Logistics	Steve Goodman (NOAA - GPO), Chris Schutz (NASA - MSFC)
8:45 AM	15:00	GOES-R Program Status	Steve Goodman (NOAA - GPO),
9:00 AM	15:00	GLM Instrument Status	Marc Rafal (NASA - GSFC)
9:15 AM	30:00	GLM Instrument Performance Verification	Sam Edgington (Lockheed ATC)
9:45 AM	30:00	Overview of Vendor PLT Tools	Clem Tillier (Lockheed LMATC)
10:15 AM	30:00	Break	
10:45 AM	30:00	Overview of GLM L2 PLPTs & Validation Tools	Doug Mach (USRA)
11:15 AM	30:00	Discussion	
11:45 PM	1:00:00	Lunch	
Session #2 - GLM Cross-Validation Reference Data Sets			
12:45 PM	20:00	ISS - LIS Update	Rich Blakesee (NASA - MSFC)
1:05 PM	30:00	Vaisala Data	Ryan Said (Vaisala)
1:35 PM	30:00	Earth Networks Data	Stan Heckman (Earth Networks)
2:05 PM	30:00	WWLLN	Robert Holzworth (Univ. Washington), Katrina Virts (UAH)
2:35 PM	30:00	StarNet: South American Lightning Detection Network (Remote Presentation)	Carlos Morales (Univ. Sao Paulo)
3:05 PM	30:00	Break	
3:35 PM	30:00	BrasilDAT / RINDAT Datasets (Remote Presentation)	Kleber Naccarato (InPE)
4:05 PM	30:00	SOLMA & CLDN	David Sills (Environment Canada)
4:35 PM	30:00	MTG LI and related GOES-R Cal/Val Activities	Heikki Pohjola (EUMETSAT)
5:05 PM		End of Day	

WEDNESDAY

Wednesday, September 28, 2016			
Session #2 Continued - GLM Cross-Validation Reference Data Sets			
8:00 AM	30:00	HAMMA	Phillip Bitzer (UAH)
8:30 AM	20:00	Interferometer and LMA operations at KSC	Paul Krehbiel (NMTech) Mark Stanley (NMTech)
8:50 AM	30:00	GLM Cal/Val Data Portal	Helen Conover (UAH)
9:20 AM	30:00	Discussion	

*All Times Central

(Continued on reverse)

WEDNESDAY (Continued)

Wednesday, September 28, 2016 (Continued)

Time	Duration	Topic/Title	Speaker(s)
9:50 AM	30:00	Break	
Session #3 - PLT Field Campaign and Cal/Val Super Sites			
10:20 AM	30:00	GOES-R PLT Field Campaign	Frank Padula (GPO)
10:50 AM	30:00	FEGS - Development Update	Mason Quick (NASA - MSFC)
11:20 AM	30:00	North Alabama Status	Larry Carey (UAH)
11:50 AM	1:10:00	Lunch	
1:00 PM	30:00	NSSL Status	Don MacGorman (NOAA - NSSL)
1:30 PM	30:00	KSC Status	Jennifer Wilson (NASA - KSC), Robert Brown (NASA - KSC)
2:00 PM	30:00	Colorado Front Range Status	Steve Rutledge (CSU)
2:30 PM	30:00	GOES-R Field Campaign Data Portal	Helen Conover (UAH)
3:00 PM	30:00	Break	
3:30 PM	30:00	Discussion	
4:00 PM		End of Day	
		Tour of the SWIRLL Lab/Side Meetings	
		No Host Dinner @ 6:00PM	

THURSDAY

Thursday, September 29, 2016

Session #4 - PLPT Tools			
8:00 AM	30:00	Using the Valid Tool for GLM Cal/Val	Monte Bateman (USRA - GLM S/P)
8:30 AM	30:00	Overview of GLM Lightning Cluster/Filter Algorithm (LCFA) and L0-L1b PLPT Tools	Doug Mach (USRA - GLM S/P)
9:00 AM	30:00	HUDAT	Phillip Bitzer (UAH)
9:30 AM	30:00	STROKE & Flash Energy / Trending Tool	Bill Koshak (NASA - MSFC)
10:00 AM	15:00	INR/Parallax	Dennis Buechler (UAH)
10:15 AM	30:00	Break	
10:45 AM	15:00	DCC / Trending Tool	Dennis Buechler (UAH),
11:00 AM	30:00	Ground Segment Product Monitoring	Dave Pogorzola (PRO/OSPO)
11:30 AM	30:00	Compare - LSS	Ken Cummins (Univ. Arizona)
12:00 PM	1:00:00	Lunch	
1:00 PM	30:00	LMA and Interferometer Data	Harald Edens (NMTech) Mark Stanley (NMTech)
1:30 PM	30:00	Real-Time and Deep Dive Analyses with Imatools	Eric Bruning (Texas Tech)
2:00 PM	30:00	Mitigating LMA Retrieval Errors	Bill Koshak (NASA - MSFC)
2:30 PM	30:00	Discussion	
3:00 PM	30:00	Break	
Session #5 - Pre-Launch Validation Studies, Proving Ground Demos and Training			
3:30 PM	15:00	CICS-MD Contributions to the GLM Mission	Scott Rudlosky (NESDIS STAR)
3:45 PM	20:00	The WRF Lightning Forecast Algorithm: Performance Review and Updates	Bill McCaul (USRA)
4:05 PM	20:00	Preparing the User Community for the Geostationary Lightning Mapper	Chris Schultz (NASA - MSFC)
4:25 PM	15:00	NWS Update	Brian Motta (NWS)
Session #6 - Summary of Meeting / Action Items & Group Discussion			
4:40 PM	20:00	Closing Comments & Discussion	
5:00 PM		End of Meeting	