International EOS/NPP Direct Readout Meeting, 3-6 October 2005
Mediterranean Agency for Remote Sensing and Environmental Control (MARSec)

Monday 3 October 2005

8:00		**REGISTRATION**	
9:00		Patrick Coronado, Liam Gumley Paolo Antonelli	Welcome and Introductions Local Arrangements
		President Carmine Nardone	Invited Address
		Dean, University of Sannio	Invited Address
9:45	1.1	James Dodge (NASA retired), Rich Isaacman (SeaSpace)	Keynote Address
10:30		**BREAK**	
11:00	1.2	Angelita Kelly (NASA GSFC)	EOS Spacecraft and Instrument Status
11:30	1.3	Federica Rossi (MARSec)	The Outreach Strategy at MARSec
12:00		**LUNCH AND POSTER GROUP 1**	

Session Title: Direct Broadcast Product Generation and Sharing

2:00	1.4	Shahid Habib (NASA GSFC)	Science Satellite Direct Broadcast Role in Solving Regional Societal Problems
2:30	1.5	Zhongdong Yang (NSMC, China)	National MODIS Data Sharing Platform and its Application
3:00	1.6	Jasmine Nahorniak (Oregon State University)	Direct Broadcast Stations: Bridges to the Community
3:30	1.7	Haruhisa Shimoda (Tokai University)	EOS Data Reception, Processing and Dissemination in Tokai University Space Information Center
4:00		**BREAK**	
4:15	1.8	Karen Zanter (USGS)	MODIS Direct Broadcast Reception and Processing at the USGS National Center for Earth Resource Observations and Science
4:45	1.9	Paolo Antonelli (MARSec)	International Collaboration between DB stations for EOS Data Networking

5:15	1.10	Richard Watson (University of New Mexico)	The Center for Rapid Environmental Assessment & Terrain Evaluation
5:45		Wrap-up Panel	
6:00		**Social Hour**	
7:00		**MEETING DINNER**	

International EOS/NPP Direct Readout Meeting, 3-6 October 2005
Mediterranean Agency for Remote Sensing and Environmental Control (MARSec)

Tuesday 4 October 2005

Session Title: Environmental Monitoring Stations and Processing Software

9:00	2.1	Gerardo López (CONABIO, Mexico)	Biodiversity Monitoring – The MODIS and AVHRR DB Station, Mexico
9:30	2.2	Wataru Takeuchi (University of Tokyo)	Development of Terra/Aqua MODIS Pre-Processing System at the University of Tokyo
10:00	2.3	Liam Gumley (University of Wisconsin-Madison)	Recent Developments in MODIS, AIRS/AMSU, and AMSR-E Processing Software for EOS Direct Broadcast
10:30		**BREAK**	
11:00	2.4	Craig Smith (Geoscience Australia)	Improvements to MODIS NRT Product Generation at ACRES
11:30	2.5	Kathy Strabala (University of Wisconsin-Madison)	International MODIS/AIRS Processing Package Level 2 Product Applications
12:00	2.6	Alfredo Romo (University of Valladolid)	Observations From Satellites To Help In The Struggle Against Fires
12:30		**LUNCH AND POSTER GROUP 1**	

Session Title: Solutions for Direct Broadcast Reception and Processing

2:00	2.7	Carl Schoeneberger (Orbital Systems)	Next Generation Pedestals: Reliable, Accurate and Cost Effective
2:30	2.8	Frank Øynes (Kongsberg Spacetec)	MEOS POLAR – A Cost Effective Direct Broadcast Terminal for L and X-Band Polar Orbiting Satellites
3:00	2.9	Vladimir Gershenzon (R&D Center ScanEx)	Multimission Ground Station for Direct Broadcast Data and High-resolution Imaging Receiving from Current and Future Observation Satellites
3:30	2.10	Gianfranco Pandiscia (Telespazio)	Terra MODIS Products for Hydrologic Modeling and Natural Hazard Monitoring

4:00 **BREAK**

Session Title: Ocean Products and Applications

4:15	2.11	Bryan Franz and Michael Macdonald (NASA GSFC)	NASA Support for MODIS Direct Broadcast: Level 0 to Standard Ocean Products
4:45	2.12	Jamie Shutler (Plymouth Marine Laboratory)	MODIS 500m Ocean Colour Data through Exploiting Spectral and Spatial Correlation
5:15	2.13	Judd Taylor (University of South Florida)	DB Systems in Development and Use at the USF Institute for Marine Remote Sensing
5:45		Wrap-up Panel	

6:00 **Social Hour**

International EOS/NPP Direct Readout Meeting, 3-6 October 2005
Mediterranean Agency for Remote Sensing and Environmental Control (MARSec)

Wednesday 5 October 2005

Session Title: Atmosphere Products and Applications

9:00	3.1	Allen Huang (University of Wisconsin-Madison)	Synergistic Sounding/Imaging and Infrared/Microwave Products Demonstration for NPOESS/NPP Direct Broadcast Users
9:30	3.2	Anatoly Lagutin (Altai State University)	Validation of MODIS Ozone Profile over Siberian Region using AIRS/Aqua Data
10:00	3.3	Jeff Key (NOAA/NESDIS)	Satellite-Derived Wind, Cloud and Surface Products at DB Sites in the Polar Regions
10:30		**BREAK**	
11:00	3.4	Jun Li (University of Wisconsin-Madison)	New Products from Combined MODIS/AIRS
11:30	3.5	Roberto Episcopo (University of Sannio)	Destriping MODIS Data using the FOV Overlapping Method
12:00	3.6	Gustavo Carlos Cabrera (CONAE, Argentina)	Direct Broadcast + Alerts + Fast Delivery Products: From Satellites to Final Users
12:30		**LUNCH AND POSTER GROUP 2**	

Session Title: Land Products and Applications

2:00	3.7	Maurizio Di Bisceglie (University of Sannio)	Constant False Alarm Rate in Fire Detection for MODIS Data
2:30	3.8	Bryce Nordgren (USDA Forest Service)	Ingesting Direct Broadcast Wildfire Data into the WRF-Chem Smoke Dispersion Model
3:00	3.9	Theresa Watson (University of New Mexico)	Continual Compositing of NDVI MODIS Products for High Temporal Frequency Vegetation Monitoring
3:30	3.10	Nando Foppa (University of Bern)	Evaluation of Fractional Snow Cover Maps Derived from AVHRR with ASTER Data Sets
4:00		**MARSec OPEN HOUSE**	

International EOS/NPP Direct Readout Meeting, 3-6 October 2005
Mediterranean Agency for Remote Sensing and Environmental Control (MARSec)

Thursday 6 October 2005

Session Title: Future Satellite Programs (Part One)

9:00	4.1	Jim Valenti and Ken Schwer (NPOESS Integrated Program Office)	The NPOESS Preparatory Project (NPP): Mission Overview
9:30	4.2	Peter Kealy (NASA GSFC)	NPP Science Objectives: The Transition from EOS to NPP
10:00	4.3	Tim Trenkle (NASA GSFC)	NPP High Rate Data (HRD) Direct Broadcast
10:30		**BREAK**	
11:00	4.4	Patrick Coronado (NASA GSFC)	NASA Direct Readout Laboratory Developments
11:30	4.5	Robert Murphy (NPOESS Integrated Program Office)	Transitioning from MODIS to VIIRS
12:00	4.6	Karen St. Germain (NPOESS Integrated Program Office)	NPP Calibration and Validation
12:30		**LUNCH and POSTER GROUP 2**	

Session Title: Future Satellite Programs (Part Two)

2:00	4.7	Guy Rochard (Meteo France)	Pursuing Consistency in Calibration Methods for Direct Broadcast and Global Data Processing of Polar Orbiting Satellite Radiances
2:30	4.8	Chaohua Dong (NSMC, China)	China's Current and Future Meteorological Satellite Systems and Applications
3:00	4.9	Francois Montagner (EUMETSAT)	EUMETSAT Polar Orbit Direct Readout and Dissemination Status and Plans
3:30	4.10	Mike Haas (NPOESS Integrated Program Office)	NPP Environmental Data Records for Meteorological Applications
4:00		**BREAK**	

4:15	4.11	John Overton (NPOESS Integrated Program Office)	The National Polar-Orbiting Operational Environmental Satellite System (NPOESS) and NPOESS Preparatory Project (NPP) Access to Data: A Partnership
4:45	4.12	John van de Wouw (Northrup Grumman Space Technology)	NPOESS Direct Readout Mission
5:15	4.13	Jan Petter Pedersen (Kongsberg Satellite Services)	Operational Use of the Svalbard and Tromsø Sites for Near Real-Time Direct Broadcast Data Services
5:45		Meeting Summary	
6:00		**ADJOURN MEETING AND SOCIAL HOUR**	