

# **ELV Payload Safety Workshop Agenda**

December 3<sup>rd</sup> – 4<sup>th</sup>, 2014

KSC FL Training Auditorium

## **DAY 1**

8:15 am – 8:30 am	Welcome (Cal Staubus – NASA ELV Payload Safety Manager)
8:30 am – 9:00 am	OSMA Deputy Remarks (Hal Bell – NASA Deputy Chief, Safety and Mission Assurance Office)
9:00 am – 9:30 am	NPR 8715.7 & NASA-STD 8719.24 Updates (Cal Staubus)
9:30 am – 10:00 am	FAA Safety Process for Commercial Launches (Pam Underwood – KSC FAA Deputy Division Manager)
10:00 am – 10:45 am	Green Fuels/ADN Propellant (Joel Robinson – MSFC Technical Manager)
10:45 am – 11:00 am	Break
11:00 am – 11:30 am	Launch Services Program (LSP) SMA Services (Rick Boutin – Chief, KSC SMA LSP Division)
11:30 am – 12:00 pm	Launch Site Integration (Julie Schneringer - NASA LSP Lead Launch Site Integration Manager VAFB)
12:00 pm – 1:00 pm	Lunch
1:00 pm – 1:30 pm	Exploration Systems Development Overview (Shandy Mcmillian – Safety and Mission Assurance Manager, Exploration Systems Development)
1:30 pm – 2:00 pm	Solar Electric Propulsion for Mars Mission Applications (Ryan Woolley – JPL Mission Design Engineer)
2:00 pm – 2:30 pm	NASA Range Safety (Alan Dumont – NASA Range Safety Program Manager)
2:30 pm – 3:00 pm	Mishap Reporting & Contingency Planning (Gerry Schumann – NASA OSH Manager)
3:00 pm – 3:15 pm	Break
3:15 pm – 3:45 pm	GSFC SMA Payload Safety Challenges (Bo Lewis – GSFC System Safety Branch Head)
3:45 pm – 4:15 pm	30 <sup>th</sup> SW Air Force Range Safety (John Erickson)
4:15 pm – 4:45 pm	Resource Prospector/RESOLVE Mission Discussion (Jim Smith – RESOLVE Lead Systems Engineer)
4:45 pm – 5:00 pm	Day 1 Review

## DAY 2

8:10 am	Welcome
8:15 am – 8:45 am	Space Technology Mission Directorate (Karen Stephens – MSFC Technology Demonstration Missions)
8:45 am – 9:15 am	Astrotech Payload Processing Facilities (Gerard Gleeson – Astrotech, Titusville Manager)
9:15 am – 9:45 am	Wallops Flight Facility (Zbigniew Moore – WFF SMA)
9:45 am – 10:00 am	Break
10:00 am – 10:30 am	International Launch Lessons Learned - GPM (Will Conn – GSFC SMA)
10:30 am – 11:00 am	Software Safety - GPM (Charlie Rogers – GSFC Embedded Flight Systems Inc.)
11:00 am – 11:30 pm	Composite Pressure Vessel Ground Processing Hazards and Risk Management at KSC (Joe Hamilton – KSC SMA Engineer APT) - <b>video</b>
11:30 pm – 12:00 pm	White Sands Test Facility/Pyrovalve Update (Regor Saulsberry – WSTF Project Manager Materials and Components Laboratories) [ <b>Lync Presentation</b> ]
12:00 pm – 1:00 pm	Lunch
1:00 pm -1:30 pm	Orbital Debris: LSP Policy, Process, and Waivers (Justin Treptow – KSC LSP Mission Analysis Engineer)
1:30 pm – 2:15 pm	Health Physics Support For Ground Processing & Launch of Spacecraft Containing Radioisotope Power Sources Such As Mars Science Laboratory (Randy Scott - KSC Radiation Protection Officer)
2:15 pm – 2:45 pm	Payload Battery Safety (Judy Jeevarajan – JSC Battery Group Lead for Safety and Advanced Technology)
2:45 pm – 3:00 pm	Break
3:00 pm – 3:30 pm	Planetary Missions (Cami Vongsouthy – JPL System Safety Program Office Manager) - <b>video</b>
3:30 pm – 4:00 pm	Return-to-Earth Payloads (Kirk Barrow – JPL Special Projects Principal Engineer EHS Program Office)
4:00 pm – 4:30 pm	Payload Safety Open Discussion
4:30 pm – 5:00 pm	Closing Remarks