



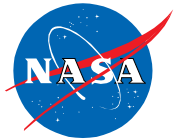
Alert Exchange Task Force Report

Trilateral SMA Meeting, Kennedy Space Center
June 7-8, 2018



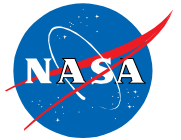
Summary from Last Meeting (September 2016)

- Terms for a protocol for alert information sharing were agreed to
- The protocol:
 - Documents a mutual interest by the Agencies to exchange alert information
 - Establishes basic processes to initiate such exchanges via the sharing of public identifying information
 - Partners may request detailed alert data if existing agreements exist to protect data; requires bilateral agreement
 - Is not legally binding
 - Expires after five years



Activities Since Last Meeting

- Bilateral agreement between NASA and JAXA created
 - Enables sharing of non-public alert information under the “Joint Understanding” between NASA and JAXA.
 - Discussions between JAXA and ESA ongoing
 - ESA and NASA decided not to pursue an agreement for now
- Initial sharing of alert information occurred
 - NASA: 3 alerts
 - ESA: 2 alerts
 - JAXA: 3 alerts
- Task force addressed one implementation issue
 - Reformat alerts to Agencies’ internal systems
 - Example: NASA will reformat ESA and JAXA advisories and distribute via its NASA Advisory, Notices and Alerts Distribution and Response Tracking System (NANADARTS)



Summary of Alerts

Number	Center	Distribution	Type	Status	Subject	Date Released
EA-2008-EEE-07-A	ESA				Bit corruption in ATMEL AT60142F/FT, AT68166F/FT, AT60142H/HT and AT68166H/HT SRAM.	19/12/2017
EA-2017-EEE-6-A	ESA				Xilinx Virtex-4 Readback Failure	30/08/2017
NA-GSFC-2017-001	GSFC	Unrestricted	Standard	ACTIVE	RF Interference in a Sensitive Electronic Hardware Development Environment.	7-Jul-17
CRA-16002	JAXA				Fundamentals of Hazard Identification	1-Sep-16
CRA-16003	JAXA				Cautions of welding dissimilar metals	10th August 2016
CRA-17003	JAXA				ESD (Electro-Static Discharge) problems with the electrically charged testing cable	9th November 2017
NA-JPL-2017-001A	JPL	Unrestricted	Standard	ACTIVE	Teledyne Microwave Hybrid Amplifier Group C Failures	2-Apr-18
NA-JSC-2016-001A	JSC	Unrestricted	Standard	ACTIVE	304 Stainless Steel Prone to Rapid Corrosion Due to Undesirable Microstructure Permitted by Material Specification	1-Aug-17

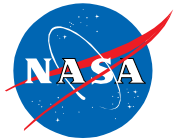


Path Forward

- Continue to share alerts during the upcoming period.



BACK-UP



Updated Protocol: Sending

- The SENDER will initiate the sharing of information identifying the subject of new Alerts as issued to the SENDER.
- The SENDER is responsible for ensuring the necessary clearances (proprietary data, export control, etc.) applicable within its organization in place to sending to the RECEIVER. Non-public information (including export-controlled information) will not be shared without an international agreement in place allowing for the sharing of such information and governing the handling and distribution of the information.
- The SENDER will send the Alert listings which may include alerts not previously provided at the end of the calendar year to the Points of Contacts.



Updated Protocol: Receiving

- The RECEIVER may share Alert information and Alert listings with its related entities, other government agencies, and other parties when required by law.
- RECEIVERS may request additional information regarding the Alert with reference to international agreements allowing for the sharing of such information and governing the handling and distribution of the information.
- RECEIVERS commit to providing feedback concerning the relevance of Alert information to SENDERS.