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# ***Human Spaceflight (HSF)***

## ***Action Item Status***

***(as of 03/25/11)***

**Steven B. Testoff**  
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**GSFC/ASRC/PAAC III**



## *Agenda*



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- Open Action Item Status Summary
  - Open Items (Over Due and Due Within 2 Weeks)
  - Action Item Status Maintenance



## ***Open Action Item Summary***



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- **As of September 10, 2010, the GSFC/HSF Rolling Action Item List (RAIL) is tracking Action Items (AI) from 15 meetings/areas of work**
    - **Of the 15 meetings with open AIs still associated with them:**
      - **Total number of Open Actions: 24**
      - **Total number of Over Due Open Actions: 05**
      - **Total number of meetings with Over Due Open Actions: 04**
      - **A summary of AIs per meeting and details of the Overdue Open and AIs due within the next 2 weeks follows**
  - **The complete RAIL as of September 10, 2010 is available separately in soft copy**



## Open Action Item Summary (cont.)



Meeting	Over Due	Open	Closed
NSG - SpaceX Splinter 10/07/09	0	1	0
OSC Compatibility Testing 12/02/09	0	1	1
ODAR Compatibility Testing 04/29/10	1	0	4
NSG - KFRL 05/04/10	0	1	0
ODAR Compatibility Testing 07/06/10	0	1	0
NSG - ODAR WG 09/13/10	1	0	1
NSG - TDRSS Eccentricity 09/13/10	2	0	0
NSG - NENS/ROC Status 09/14/10	1	0	2
NSG - C-band Radar 09/14/10	0	1	2
GSFC - WSC VHF Support 11/30/10	0	2	4
WSC VHF 02/08/11	0	4	2
STS-133 PMT #2 02/16/11	0	1	1
STS-134 ORR 02/17/11	0	4	2
ODAR WG 02/23/11	0	1	3
ODAR WG 03/09/11	0	2	0
	<b>5</b>	<b>19</b>	<b>22</b>



## ***Over Due Action Items and Action Items Due on or Before 00/10/10***



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- The following slides contain the action items that are over due as of March 25, 201, and action items due within the next two weeks.



## NSG – SpaceX Splinter -- (10/07/09) -- (Jim Bangerter)



NSG – SpaceX Splinter -- (10/07/09) -- (Jim Bangerter)					
AI No.	Assignee	Action	Due Date	Response	Status
1009-NSG SpaceX-01	Jim Bangerter/ GSFC/HSF ND	Request a loading study for SpaceX Demo flights 2 and 3 using the 2.1 Mbps data rate.	03/31/11	11/27/09: This requires flight plan/profile information WRT Dragon – TDRSS usage information from SpaceX. Mr. Joe Whitney will provide an updated flight plan and trajectories. 09/06/10: Completion of this item is dependent on SpaceX.	<b>Open</b>



## OSC Compatibility Testing -- (12/02/09) -- (Melissa Blizzard)



OSC Compatibility Testing -- (12/02/09) -- (Melissa Blizzard)					
AI No.	Assignee	Action	Due Date	Response	Status
120209-OSC COMPAT- 02	Derek Delahaye/ OSC	Provide data files to Mr. Bruno Schonbrunner (who will forward the files to GSFC).	02/01/11	08/24/10: Orbital advised no sooner than late November 2010. 12/10/10: Orbital advised flight software is still undergoing modification and it might be available in Jan.	<b>Open</b>



## ODAR Compatibility Testing – (04/29/10) – (Cheryl Smith)



ODAR Compatibility Testing – (04/29/10) – (Cheryl Smith)					
AI No.	Assignee	Action	Due Date	Response	Status
042910-ODAR Compt-02	John Royal/ JSC	Provide details for the two compatibility test windows (to include GSFC CTV participation requirements).	10/13/10	This has been in work and Mr. Sunny Kwatra accepted a new action item to follow up (action item 092110-ODAR Compat-01). Mr. John Royal has assumed this AI and he and Mr. Kwatra are working the over scheduling of the ICU Engineering Unit and Flight unit now, and are still formalizing dates within our group here. Syncing the schedules continues.	<b>Open</b>



## NSG - KFRL – (05/04/10) – (John Steffes)



NSG – KFRL -- (05/04/10) -- (John Steffes)					
AI No.	Assignee	Action	Due Date	Response	Status
0510-NSG-KFRL-01	John Steffes/ KSC/ Abacus/ Voice, Monique McLamb/ KSC/NASA	Contact Mark Seibert to discuss future plans for KFRL utilization.	03/31/11	<p>06/02/10: the 21<sup>st</sup> Century Launch Initiative KFRL Use presentation has been forwarded to Mr. Seibert. Mr. Steffes awaits a response for follow-up discussions.</p> <p>08/25/10: Per conversation with Jacob Rivers/ KFRL Engineer, a meeting is planned for 08/26 with Mr .Seibert and Ms. Monique McLamb (and other KFRL and KSC personnel). Mr. John Steffes is on vacation and will not be attending. This meeting has been rescheduled from several other attempts with Mr. Seibert; therefore, delaying closure/answer.</p> <p>08/30/10: Mr. Seibert will not be available until the end of September.</p>	<b>Open</b>



# ODAR Compatibility Testing – (07/06/10) – (Cheryl Smith)



<b>ODAR Compatibility Testing -- (07/06/10) -- (Cheryl Smith)</b>					
<b>AI No.</b>	<b>Assignee</b>	<b>Action</b>	<b>Due Date</b>	<b>Response</b>	<b>Status</b>
070610-ODAR Compt-01	Ralph Zimmerman/ GSFC	Develop an implementation plan (including HW integration and CTV certification) for the ODAR test HW to be installed in the CTV.	04/01/11		Open



## ODAR Working Group – (09/13/10) – (Dr. Norman Kluksdahl)



NSG – ODAR WG -- (09/13/10) -- (Dr. Norman Kluksdahl)					
AI No.	Assignee	Action	Due Date	Response	Status
0910-NSG ODAR-02	Ray Sparks/ MSFC	MSFC to provide performance assessment of IIGoR configurations.			<b>Open</b>



## NSG – TDRSS Eccentricity – (09/13/10) – (Pepper Powers)



NSG – TDRSS Eccentricity -- (09/13/10) -- (Pepper Powers)					
AI No.	Assignee	Action	Due Date	Response	Status
0910-NSG-ECC-01	Dan Jackson/ JSC/CATO	Complete analysis for the 300 mbps data rate.	01/15/11		<b>Open</b>
0910-NSG-ECC-02	Dan Jackson/ JSC/CATO	Complete and deliver final report.	01/15/11		<b>Open</b>



## NSG – NENS/ROC Status – (09/14/10) – (Mark Harris)



NSG – NENS/ROC Status -- (09/14/10) -- (Mark Harris)					
AI No.	Assignee	Action	Due Date	Response	Status
0910-NSG-WFF/NENS-03	Scott Underwood/ WFF/NASA	Identify the funding flow from NASA HQ to the ROC.			<b>Open</b>



## NSG – C-band Radar – (09/14/10) – (Jim Bangerter)



NSG – C-band Radar -- (09/14/10) -- (Jim Bangerter)					
AI No.	Assignee	Action	Due Date	Response	Status
0910-NSG Cband-01	Mike Gawel/ ER, Jim Bangerter/ GSFC/NASA/ HSF ND	Work with the ER to determine the response time to call up C-band support in a contingency (e.g., VV support).	04/01/11	02/22/11: Messrs. Gawel and Bangerter met on 02/22 and began discussing appropriate methods for documenting an overall procedure for C-band call-up for contingency support. A spreadsheet will be developed with the various call-up criteria for each 'range' and a procedure to document general steps for call-up will be developed. A basic procedure has been developed and provided to the ER. Further discussion is planned for the NSG.	<b>Open</b>



## GSFC – WSC VHF Support – (11/30/10) – (Jim Bangerter)



GSFC - WSC VHF Support -- (11/30/10) -- (Jim Bangerter)					
AI No.	Assignee	Action	Due Date	Response	Status
WSC VHF-101130-1	David Glasscock/ WSC	Write a WSC VHF SRT	04/29/11	SRT is in draft form and will be circulated for review. Received redlines from draft. Will incorporate redlines and circulate for final review 04/29/11.	<b>Open</b>
WSC VHF-101130-6	David Glasscock/ WSC	Coordinate getting the switching from the “A” equipment string to the “B” procedure included in the WSC LOP.	04/29/11	Received redlines from draft. Will incorporate redlines and circulate for final review 04/29/11.	<b>Open</b>



## WSC VHF – (02/08/11) – (Jim Bangerter)



WSC VHF -- (02/08/11) -- (Jim Bangerter)					
AI No.	Assignee	Action	Due Date	Response	Status
020811-WSC VHF-01	David Glasscock/ WSC	Check the VHF sparing status and provide the status to Mr. Kevin Riley.	04/29/11	Comparing the last inventory with the list I received from Kevin Riley. Plan to update status of excessed receiver.	Open
020811-WSC VHF-03	David Glasscock/ WSC	Check the specification for the spray lubricant used on the WSC antenna chains (.e.g., temperature tolerances).	03/31/11	Lube-Trac Plus Open Gear Moly Lubricant. Manufactured by Lube Master division of Certified Laboratories Temp range -29f to +250f And Lube-Trac Premium Open Gear Moly Lubricant. Manufactured by Lube Master division of Certified Laboratories Temp Range -40-f to +250f	Open
020811-WSC VHF-05	Melissa Blizzard/ GSFC/HSF	Determine the level of forward work on the VHF-1 separate system that can be performed at WSC (what can and cannot be worked).	02/25/11		Open
020811-WSC VHF-06	Pat DeLong/GSFC	Complete the EL motor evaluation and provide a report and recommendations to Mr. Jim Bangerter.	04/08/11	The new motor is installed on the test bed antenna. It is operating correctly with the exception of the gear ratio setting. The gear ratio setting provided by M2 with the motor enabled only half of the movement required. (If the controller commanded the motor to move 20 degrees it would move only about 10 degrees. The calibration setting to was increased to the maximum setting but this allows a movement of only about 170 degrees when the controller is commanding the antenna to move 180 degrees. I have talked with M@ Communications about the problem and they informed me that there are currently two different models of controllers with different software. The newer controller software looks for twice as many pulses from the pulse switch as the old controllers do. I need to get somebody to go back on the antenna, remove the cover on the back of the motor, and count the number of magnets to see if we have the correct magnet wheel. M2 will send us the correct one if we have the wrong one.	Open



## STS-133 PMT #2 – (02/16/11) – (Jim Bangerter)



STS-133 PMT #2 -- (02/16/11) -- (Jim Bangerter)					
AI No.	Assignee	Action	Due Date	Response	Status
STS-133 PMT2-02	Ben Smith/WSC	Contact Mr. Richard Von Wolff in regards to the posture for the WSSH monitoring.		WSC has a 24x7 BERT running on the WSSH circuit.	<b>Open</b>



## STS-134 ORR – (02/17/11) – (Jim Bangerter)



<b>STS-134 ORR -- (02/17/11) -- (Jim Bangerter)</b>					
<b>AI No.</b>	<b>Assignee</b>	<b>Action</b>	<b>Due Date</b>	<b>Response</b>	<b>Status</b>
STS-134 ORR-01	Jim Bangerter/ GSFC/NASA/HSF ND	Provide a contract transition update to the Review Board reporting on the ND's confidence in the transition efforts to support STS-134/135.	03/31/11	An update will be provided to the ORR Board after the NASA Code 450 – SCNS ORR on 03/25/11.	<b>Open</b>
STS-134 ORR-02	Jim Bangerter/ GSFC/NASA/HSF ND	Develop an IN risk for NENS – SCNS contract transition.	03/31/11		<b>Open</b>
STS-134 ORR-05	Vicki Stewart/ GSFC/NASA/ NISN	Provide a copy of the NISN Guam DS3 schedule and transition plan.	04/01/11	Update 02/15/2011: the CSU's will be installed at STGT, and probably not until Mid March. They're writing an EC for the installation which much be approved prior to installation, Ray Gardea at White Sands is supporting that task and indicated that it probably wouldn't be approved until after STS-133 WOW.	<b>Open</b>
STS-134 ORR-06	Sharon Damiano/ GSFC/NISN	Provide SCD 6.2 H-I software testing information (review of testing conducted and status of any DRs assigned).	03/31/11		<b>Open</b>



## ODAR Working Group – (02/23/11) – (A. Louw)



ODAR WG -- (02/23/11) -- (Aldora Louw)					
AI No.	Assignee	Action	Due Date	Response	Status
022311-ODAR WG-03	Cheryl Smith/ GSFC	Coordinate the RF Compatibility Test with ESTL and the other elements and then notify Ms. Louw	04/08/11	The test plan is still being worked.	Open



## ODAR Working Group – (03/09/11) – (A. Louw)



<b>ODAR WG -- (03/09/11) -- (Aldora Louw)</b>					
<b>AI No.</b>	<b>Assignee</b>	<b>Action</b>	<b>Due Date</b>	<b>Response</b>	<b>Status</b>
030911-ODAR WG-01	Ryan Levin/ GSFC/HSF	Follow-up with WSC to determine when the 25-Mbps FWD link will be ready for ODAR testing.		Software delivery at WSC for the 25-Mbps FWD link is scheduled for 05/12 and the first End-to-End test is scheduled for 06/06/11.	<b>Open</b>
030911-ODAR WG-02	William Hobby/ JSC	Provide a status date when the SDIL-MCC-ESTL ICD requests for input will be sent and when the ICD will be ready for review.			<b>Open</b>



## ***Human Spaceflight Action Item Status Maintenance***



- **The GSFC/HSF Rolling Action Item List (RAIL) is distributed weekly (usually on Fridays)**
- **Assignee's prompt assistance with closure of actions is appreciated**
- **If assigned due dates cannot be achieved, coordinate with Steve Testoff to assign new due date (with justification as to why dates needs to be changed)**
  - Weekly status updates for actions with outstanding due dates are requested
  - Bi-weekly status for On-going actions
- **Steve Testoff is responsible for the coordination of all Human Spaceflight Action Items, contact information as follows:**

**Steve Testoff**  
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**301-286-6538**