

DATE: October 19, 2011

LOCATION: Regents Park III, Room 201

SUBJECT: HSF NSG FDF Dropbox Meeting Minutes

Attendance:

<i>Last Name</i>	<i>First Name</i>	<i>Email Address</i>	<i>Affiliation</i>	<i>Telephone Number</i>
Aquino	Joe	Joseph.M.Aquino@nasa.gov	JSC/NASA/SCIO	281-483-4033
Atkinson	Fred	fatkinson@mail.wsc.nasa.gov	WSC/HW Eng	575-527-7353
Bangerter	Jim	James.A.Bangerter@nasa.gov	GSFC/NASA/HSF ND	301-286-7306
Bankert	Jeff	jeff.bankert@nasa.gov	GSFC/NICS	301-395-4613
Banks	Turonald	Turonald.Banks.contractor@ exelisinc.com	GSFC/HSF	301-823-2563
Baum	Earl	earl.j.baum@nasa.gov	JSC/NOIT/FDOC	281-483-2321
Beckner	Phillip	phillip.d.beckner@nasa.gov	GSFC/595	301-286-1919
Blizzard	Melissa	Melissa.Blizzard@exelisinc.com	GSFC/HSF	301-823-2622
Booker	Harrison	Harrison.Booker@exelisinc.com	GSFC/HSF	301-823-2627
Calhoun	Melvin	Melvin.Calhoun@exelisinc.com	GSFC/HSF	301-823-2644
Clark	Liz	Elizabeth.Clark@exelisinc.com	GSFC/HSF	301-823-2625
Colaluca	Victor	victor.colaluca@nasa.gov	KSC/IMCS	321-867-2286
Dunham	Joan	joan.b.dunham@nasa.gov	GSFC/595	301-286-7573
Fanders	Michael	michael.t.fanders@nasa.gov	JSC/NACAIT	281-483-6069
Frazier	Robert	Robert.B.Frazier@nasa.gov	JSC/NACAIT	281-483-4444
Gardea	Ray	rgardea@mail.wsc.nasa.gov	WSC	-----
Harris	Mark	Mark.A.Harris@nasa.gov	WFF	443-310-9041
Harris	Roy	Roy.Harris@nasa.gov	JSC	281-244-1753
Hasan	Syed	syed.o.hasan@nasa.gov	GSFC/FDF	301-286-0995
Hervey	Jewel	jewel.r.hervey@nasa.gov	JSC/NASA/ISS,MPCV	281-483-0359
Hoge	Sue	Susan.L.Hoge@nasa.gov	GSFC/NASA/595	301-286-3661

<i>Last Name</i>	<i>First Name</i>	<i>Email Address</i>	<i>Affiliation</i>	<i>Telephone Number</i>
Hudgins	Bob	bhudgins@mail.wsc.nasa.gov	WSC/SN-NEN Sched	575-527-7078
Levin	Ryan	Ryan.Levin.contractor@exelisinc.com	GSFC/HSF	301-823-2641
Louw	Aldora	aldora.louw@lmco.com	JSC	281-336-5085
Marriott	Robert	Robert.R.Marriott@nasa.gov	JSC/NOIT	281-483-6879
Marston	Mike	Michael.S.Marston@nasa.gov	JSC/ESTL	281-483-0115
May	Jennifer	Jennifer.May.contractor@exelisinc.com	GSFC/HSF	301-823-2629
Mitchell	Warren	warren.j.mitchell@nasa.gov	GSFC/FDF	301-286-5092
Mora	Alfredo	Alfredo.a9.Mora@lmco.com	JSC/LMCO	281-853-2207
Morgan	Randal	Randal.R.Morgan@nasa.gov	JSC/DM	281-483-1938
Owens	David	David.W.Owens@nasa.gov	JSC/DD	281-244-1753
Pifer	Fred	Fred.Pifer.contractor@exelisinc.com	GSFC/HSF	301-823-2646
Ramirez	Crystal	Crystal.E.Ramirez@nasa.gov	GSFC	301-286-2197
Riley	Kevin	Kevin.Riley@exelisinc.com	GSFC/HSF	301-823-2647
Russell	Thomas	Thomas.Russell@exelisinc.com	GSFC/HSF	301-823-2626
Schlichter	Dale	Dale.Schlichter@exelisinc.com	GSFC/SCNS	301-823-2606
Steffes	John	john.r.steffes@nasa.gov	KSC/IMCS	321-867-7747
Testoff	Steven	steven.b.testoff@nasa.gov	GSFC/ASRC/HSF	301-286-6538
Wiggins	Andre	Andre.L.Wiggins@nasa.gov	GSFC/CSO	301-286-2725
Williamson	Gary	gary.williamson@nasa.gov	GSFC/FDF	301-286-1323
Young	Ken	Kenneth.N.Young@nasa.gov	JSC/DM	281-483-5368

INTRODUCTION

Ms. Aldora Louw convened the October 19, 2011, Human Spaceflight (HSF) Network Support Group (NSG) Goddard Space Flight Center (GSFC) Flight Dynamics Facility (FDF) Dropbox changes splinter meeting to discuss FDF proposed dropbox location changes (no presentation was provided).

MEETING

- A. Mr. Warren Mitchell reported that FDF is undergoing a modernization and the FDF delivery methods are changing.
- B. Ms. Louw stated that she requested the meeting so that the Johnson Space Center (JSC) personnel can understand the changes and make sure that any changes required at JSC are undertaken.
- C. Mr. Keith Chapman stated that the systems are being modernized, but the interfaces are not changing that much. The FDF network is moving to the Restricted IONet. FDF system functions are remaining the same. FDF is moving to new servers. This will require updates to IP addresses, user names, and firewalls. The Front End Processor Replacement (FEPR) remains the same. Internal applications will be adapted to the new front end.
- D. Ms. Louw stated that JSC has heard that the server Zappa is moving. Mr. Chapman replied that there will be a new server, but the FTP function remains. Zappa will be retired. Bonham is the new server. The Operational Readiness Review (ORR) is scheduled for November 4. The transition is scheduled to take place at the end of the calendar year. International Space Station (ISS) transition is scheduled for December 7. Zappa access will be restricted.
- E. Mr. Mitchell stated that there will be parallel support for a while.
- F. Ms. Louw stated that JSC needs the new IP address and will look at its routers and firewalls along the entire route. Firewall rules will need to be changed. Mr. Jeff Bankert stated that a NASA Integrated Services Network (NISN) Service Request (NSR) will not be needed to change the firewall rules. It was stated that if you are already connected to Zappa, the rules in place will transfer to the new server.
- G. Mr. Bankert stated that ISS FEPR rules will need to change. He stated that there is a Communication Service Office (CSO) engineer working with FDF. JSC will need to submit the ISS firewall changes. The route from JSC to FDF will be taken care of.
- H. Mr. Randal Morgan asked how long this will take. Mr. Bankert stated that firewall rules changes do not take that long.
- I. Mr. Mitchell stated that vector transmission tests will be conducted. Testing would be conducted in November. The dropbox connectivity does not change.
- J. Ms. Louw stated that this work needs to get in the JSC Mission Control Center (MCC) schedule. An SR needs to be generated.
- K. Ms. Sue Hoge stated that one day would be required for the vector transmission testing. Then there will be 7 – 10 days parallel operations. To be ready by December 7, JSC needs to be ready November 15.
- L. Mr. Mitchell noted that November 14 is the next scheduled Soyuz launch. Ms. Hoge stated that Soyuz would be used as a support case, but the mission will be supported on the legacy system. Ms. Louw stated that the actual JSC ready date would have to be

November 10 to support the Soyuz mission. JSC will make its required changes and email Mr. Bankert.

M. Mr. Bankert stated that CSO will let JSC what needs to be done for FEPR.

N. Ms. Hoge stated that Mr. Martin Rivas will send the IP addresses to JSC via PKI. The addresses will be sent to Mr. Morgan.

O. Mr. Bob Marriott asked if there will be any impact to Free Flyer support. It was stated that there will be no impact.

ACTION ITEMS

No action items were assigned at the October 19, 2011, HSF NSG FDF dropbox splinter meeting.

(Original Approved By)

Aldora Louw

JSC