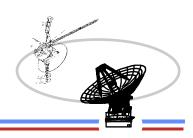
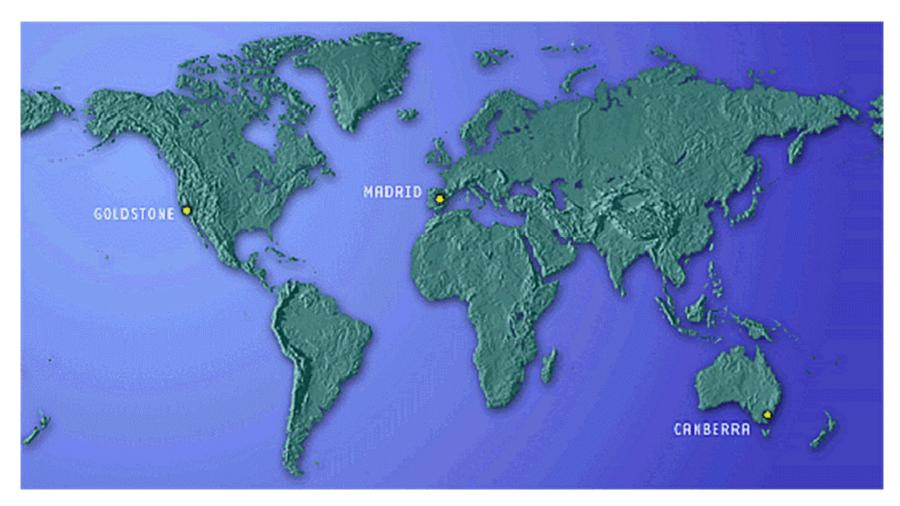


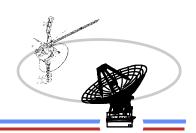
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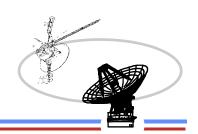


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	_		KEPL M	s	KEPL MS KE	PL QR/MS	KEPL MS	KEPL M	S KE	PL QR/MS	KEPL MS KE	PL MS	KEPL QR/M	S KEPL MS	
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- 2012 -



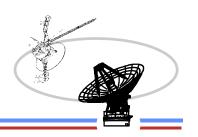


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		2012					
Site	Details	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 45	AMP/CW Istallation - NIB	04/27/2012 20:00	05/08/2012 06:20	10	17 - 19	118	129
DSS 45	XTXR Manifold/Waterload Replacement	04/27/2012 20:00	05/08/2012 06:20	10	17 - 19	118	129
DSS 24	APCA OP-C - NIB	05/07/2012 13:10	05/10/2012 01:55	3	19 - 19	128	131
DSS 24	S-Band Tuner Replacement	05/07/2012 13:10	05/10/2012 01:55	3	19 - 19	128	131
SPC 10	NMC D2.2 Acceptance Testing	05/08/2012 09:00	05/08/2012 15:00	0	19 - 19	129	129
DSS 14	Antenna Inspection	05/14/2012 15:00	05/15/2012 06:00	1	20 - 20	135	136
DSS 26	Antenna Inspection	05/15/2012 15:00	05/16/2012 06:00	1	20 - 20	136	137
DSS 65	AMP/CW Installation - NIB	05/16/2012 08:40	05/27/2012 00:40	11	20 - 21	137	148
DSS 65	XTXR Manifold/Waterload Replacement	05/16/2012 08:40	05/27/2012 00:40	11	20 - 21	137	148
DSS 25	Antenna Inspection	05/16/2012 15:00	05/17/2012 06:00	1	20 - 20	137	138
DSS 15	Antenna Inspection	05/17/2012 15:00	05/18/2012 06:00	1	20 - 20	138	139
DSS 27	Antenna Inspection	05/18/2012 15:00	05/18/2012 23:00	0	20 - 20	139	139
GCF 20	DCD 229	05/20/2012 07:30	05/20/2012 13:15	0	20 - 20	141	141
SPC 10	DCD 229 - NIB	05/20/2012 07:30	05/20/2012 13:15	0	20 - 20	141	141
SPC 10	NMC D2.2 SOAK	05/20/2012 07:30	05/20/2012 15:15	0	20 - 20	141	141
DSS 14	Antenna Inspection	05/21/2012 15:00	05/21/2012 23:00	0	21 - 21	142	142
DSS 26	Antenna Inspection	05/22/2012 15:00	05/22/2012 23:00	0	21 - 21	143	143
DSS 24	Antenna Inspection	05/23/2012 15:00	05/24/2012 06:00	1	21 - 21	144	145
DSS 15	Antenna Inspection	05/24/2012 15:00	05/24/2012 23:00	0	21 - 21	145	145
DSS 27	Antenna Inspection	05/25/2012 14:00	05/25/2012 21:00	0	21 - 21	146	146
DSS 65	Critical Power Reconfiguration	06/07/2012 02:35	06/08/2012 16:30	2	23 - 23	159	160
DSS 25	Antenna Controller Replacement	06/11/2012 13:00	07/15/2012 01:00	34	24 - 28	163	197



### Resource Allocation Planning Service

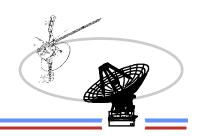


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		2012					
DSS 25	Lightning Survey - NIB	06/11/2012 13:00	07/15/2012 01:00	34	24 - 28	163	197
DSS 34	AMP Installation	06/13/2012 22:00	06/16/2012 06:25	2	24 - 24	165	168
SPC 60	DCD 229 - NIB	06/23/2012 21:25	06/24/2012 03:25	0	25 - 25	175	176
SPC 60	NMC D2.2 SOAK	06/23/2012 21:25	06/24/2012 03:25	0	25 - 25	175	176
SPC 40	DCD 229 - NIB	06/27/2012 23:10	06/28/2012 05:10	0	26 - 26	179	180
SPC 40	NMC D2.2 SOAK	06/27/2012 23:10	06/28/2012 05:10	0	26 - 26	179	180
DSS 54	AMP Installation - NIB	09/10/2012 05:00	11/25/2012 18:00	77	37 - 47	254	330
DSS 54	AZ TRK/ACR Replacement	09/10/2012 05:00	11/25/2012 18:00	77	37 - 47	254	330
DSS 54	Lightning Survey - NIB	09/10/2012 05:00	11/25/2012 18:00	77	37 - 47	254	330
DSS 43	HBA Upgrade and Life Extension	11/12/2012 19:00	06/10/2013 07:00	210	46 - 24	317	161
SPC 40	Powerhouse Commission	12/04/2012 04:15	12/04/2012 07:15	0	49 - 49	339	339
SPC 40	Powerhouse Commission	12/04/2012 21:00	12/05/2012 00:00	0	49 - 49	339	340
SPC 40	Powerhouse Commission	12/05/2012 21:00	12/06/2012 00:00	0	49 - 49	340	341
SPC 40	Powerhouse Commission	12/06/2012 21:00	12/07/2012 00:00	0	49 - 49	341	342



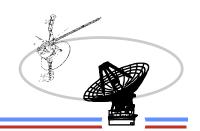
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ne following are downtimes for 2012
☐ SPC-10, 40 and 60 requested 4 – 6 hour complex wide downtime for NMC D2.2
Test and SOAK in 2012
<ul> <li>SPC-10 acceptance testing is scheduled in week 19 and SOAK in week 20</li> <li>Data Capture and Delivery (DCD 229) will be scheduled NIB to SOAK in week 20, the NOCC will also be down during this time frame, all data at the complexes will be</li> </ul>
recorded and sent later.
☐ SPC-60 SOAK is scheduled for week 25
Data Capture and Delivery (DCD 229) will be scheduled NIB
□ SPC-40 SOAK is scheduled for week 26
□ Data Capture and Delivery (DCD 229) will be scheduled NIB
☐ DSS-45 and DSS-65 requested 10 days of downtime in 2012 for Waterload and
XTXR Manifold Replacement .
□ DSS-45 is in progress scheduled for April 27 – May 8, weeks 17 – 19
<ul> <li>DSS-45 had additional downtime hours added for adequate testing of the Antenna Servo Amplifier</li> </ul>
□ DSS-65 is scheduled for May 16 – 26, weeks 20 and 21
□ ECR 11.0070 (Baldor amplifier expansion board installation) and ECR 10.0014 (Cable Wrap Protection) implementation will be NIB

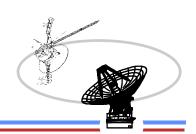




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The following are do	owntimes for 2012 (continued)
☐ Three and ½	Tuner Replacement downtime requested  days scheduled for May 7 – 10, week 19 OP-C will be NIB
☐ Antennas inc ☐ Week 20 insp swing shift ,e ☐ Week 21 insp	a 24 hour downtime on each antenna for inspection lude DSS-14, 15, 24, 25, 26 and 27 pection times are proposed for 8 hours NIB to maintenance plus 8 hours xcept for DSS-24, (only 8 hours NIB to maintenance) pection times are proposed for 8 hours NIB to maintenance except DSS-24, to maintenance plus 8 hours swing shift)
installation	downtime for ECR 11.0070 Baldor amplifier expansion board or June 13 – 16, week 24
□ DSS-26 Retu □ APCA □ DSS-25 is so □ Lightn □ DSS-54 ACR 2012, weeks □ Lightn	ontroller Replacement urned to service early on DOY117/0100, off-shift tracking only until DOY 119 to OP-C was scheduled NIB theduled for June 11 – July 15, 2012, weeks 24 – 28 ing Survey will be NIB and AZ Track Replacement is scheduled for September 10 – November 25, 37 – 47 ing Survey will be NIB 1.0070 (Baldor amplifier expansion board installation) will be NIB

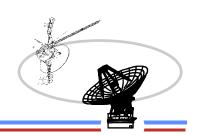




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he following are downtimes for 2012 (continued)
☐ SPC-40 requests 4 blocks of 3 hour complex downtime for Power House Commission in.
The following week is scheduled
☐ Four days, 3 hours in December, week 49
□ DSS-43 HBA Upgrade and Life Extension downtime is scheduled
□ DSS-43 HBA Upgrade downtime is scheduled as one continuous downtime for
week 46 of 2012 to week 23 of 2013
□ S-Band Maser Replacement will be NIB

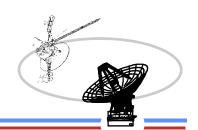




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The following are downtimes for 2013 – 2014
☐ SPC-60 requests six 10 hour blocks of Complex Wide Downtime for Power Cutover
from January – June of 2013
<ul> <li>Downtimes are proposed for the following weeks – prime shift hours are requested.</li> <li>Weeks 04, 09,13,17,22,26</li> </ul>
☐ SPC-10 requests four 12-hour blocks of Complex Wide downtime for G86 Power
Cutover and two 12-hour blocks of downtime for Power Robustness in 2013
G86 Power cutover downtimes are proposed for the following weeks – night hours are acceptable.
□ weeks 14, 19, 24, 31
Power robustness downtimes could potentailly co-exist with G86 power cutover. Requested for July timeframe.
☐ SPC-10 requests one 6 – 8 hour complex wide downtime for NMC Automated Link Build (ALB)
Proposed for March 21, 2013, week 12
□BWG Antenna Controller Replacement for 2013
☐ DSS-55 is proposed for February 18 – March 25, weeks 08 – 13
☐ ECR 11.0070 (Baldor amplifier expansion board installation) will be NIB

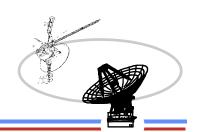




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The following are downtimes for 2013 – 2014 (continued)  □ SPC-40 request 8 blocks of 3 hour complex downtime for Power House  Commission in 2013. The following weeks are proposed  □ Five blocks, 3 hours in April, week 16  □ Three blocks, 3 hours in April/May, week 18	
<ul> <li>□ AZ Track Replacement downtime is requested for DSS-24 and DSS-26</li> <li>□ DSS-24 is proposed for March 25 – June 3, 2013, weeks 13 – 22</li> <li>□ DSS-26 is proposed for March 31 – June 8, 2014, weeks 14 – 23</li> <li>□ Reconfiguration Prep is proposed for March 10 – June 30, weeks 11 - 26</li> <li>□ 80 kW Facility Preparation will be scheduled NIB March 31 – May 18, weeks14 – 20</li> </ul>	
<ul> <li>□ SPC-40 request a 24 hour downtime on each antenna for inspection in 2013</li> <li>□ Antennas include DSS- 34, 43 and 45</li> <li>□ Week 23 inspection times are proposed for 8 hours NIB to maintenance plus 8 hours swing shift – Except DSS-43 which will be done during HBA downtime</li> <li>□ Week 24 inspection times are proposed for 8 hours NIB to maintenance</li> </ul>	rs
<ul> <li>DSS-15 requests downtime for ECR 11.0070 Baldor amplifier expansion boa installation in 2013</li> <li>Proposed for week 24</li> </ul>	rd

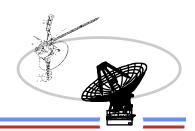




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The following are downtimes for 2013 – 2014 (continued)  DSS-63 downtime for Grouting 2013  □ Proposed for July 15 – August 2, weeks 29 – 31  □ Note: Stand alone Grouting typically requires 15 days, however, 3 additional days have been requested
<ul> <li>DSS-15 Maser Replacement is requested for 2013</li> <li>Seventy seven days are proposed for August 12, – November 4, weeks 33–44</li> </ul>
<ul> <li>DSS-63 HBA Upgrade and Life Extension downtime is proposed for 2014</li> <li>Proposed for March 10 – October 5, weeks 11– 40</li> <li>ZDD will be scheduled prior to return to service</li> </ul>
<ul> <li>□ SPC-60 request a 24 hour downtime on each antenna for inspection in 2014</li> <li>□ Antennas include DSS-54, 55, 63 and 65</li> <li>□ Week 40 inspection times are proposed for 8 hours NIB to maintenance plus 8 hours swing shift – Except DSS-63 which will be done during HBA downtime</li> <li>□ Week 41 inspection times are proposed for 8 hours NIB to maintenance</li> </ul>

### Resource Allocation Planning Service

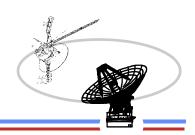


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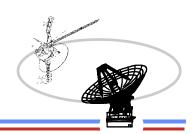




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		2013					
Site	Details	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 54	Complex Power Cutover - Proposed	01/23/2013 05:00	01/23/2013 17:00	0	04 - 04	23	23
DSS 55	Complex Power Cutover - Proposed	01/23/2013 05:00	01/23/2013 17:00	0	04 - 04	23	23
DSS 63	Complex Power Cutover - Proposed	01/23/2013 05:00	01/23/2013 17:00	0	04 - 04	23	23
DSS 65	Complex Power Cutover - Proposed	01/23/2013 05:00	01/23/2013 17:00	0	04 - 04	23	23
DSS 55	AMP Installation - NIB	02/18/2013 00:00	03/25/2013 00:00	35	08 - 13	49	84
DSS 55	Antenna Controller Replacement - Proposed	02/18/2013 00:00	03/25/2013 00:00	35	08 - 13	49	84
DSS 43	Maser Replacement - NIB	02/25/2013 05:00	04/25/2013 17:00	60	09 - 17	56	115
DSS 54	Complex Power Cutover - Proposed	02/27/2013 05:00	02/27/2013 17:00	0	09 - 09	58	58
DSS 55	Complex Power Cutover - Proposed	02/27/2013 05:00	02/27/2013 17:00	0	09 - 09	58	58
DSS 63	Complex Power Cutover - Proposed	02/27/2013 05:00	02/27/2013 17:00	0	09 - 09	58	58
DSS 65	Complex Power Cutover - Proposed	02/27/2013 05:00	02/27/2013 17:00	0	09 - 09	58	58
SPC 10	NMC Automated Link Build - Proposed	03/21/2013 00:00	03/21/2013 06:00	0	12 - 12	80	80
DSS 24	AZ Track Replacement - Proposed	03/25/2013 00:00	06/03/2013 00:00	70	13 - 23	84	154
DSS 54	Complex Power Cutover - Proposed	03/27/2013 05:00	03/27/2013 17:00	0	13 - 13	86	86
DSS 55	Complex Power Cutover - Proposed	03/27/2013 05:00	03/27/2013 17:00	0	13 - 13	86	86
DSS 63	Complex Power Cutover - Proposed	03/27/2013 05:00	03/27/2013 17:00	0	13 - 13	86	86
DSS 65	Complex Power Cutover - Proposed	03/27/2013 05:00	03/27/2013 17:00	0	13 - 13	86	86
SPC 10	Complex Power Cutover - Proposed	04/01/2013 15:00	04/02/2013 01:00	0	14 - 14	91	92
SPC 40	Powerhouse Commission - Proposed	04/15/2013 21:00	04/16/2013 00:00	0	16 - 16	105	106
SPC 40	Powerhouse Commission - Proposed	04/16/2013 21:00	04/17/2013 00:00	0	16 - 16	106	107
SPC 40	Powerhouse Commission - Proposed	04/17/2013 21:00	04/18/2013 00:00	0	16 - 16	107	108
SPC 40	Powerhouse Commission - Proposed	04/18/2013 21:00	04/19/2013 00:00	0	16 - 16	108	109
SPC 40	Powerhouse Commission - Proposed	04/19/2013 21:00	04/20/2013 00:00	0	16 - 16	109	110
DSS 54	Complex Power Cutover - Proposed	04/24/2013 05:00	04/24/2013 17:00	0	17 - 17	114	114





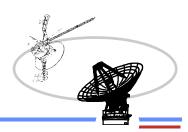
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		2013					
DSS 55	Complex Power Cutover - Proposed	04/24/2013 05:00	04/24/2013 17:00	0	17 - 17	114	114
DSS 63	Complex Power Cutover - Proposed	04/24/2013 05:00	04/24/2013 17:00	0	17 - 17	114	114
DSS 65	Complex Power Cutover - Proposed	04/24/2013 05:00	04/24/2013 17:00	0	17 - 17	114	114
SPC 40	Powerhouse Commission - Proposed	04/29/2013 21:00	04/30/2013 00:00	0	18 - 18	119	120
SPC 40	Powerhouse Commission - Proposed	04/30/2013 21:00	05/01/2013 00:00	0	18 - 18	120	121
SPC 40	Powerhouse Commission - Proposed	05/01/2013 21:00	05/02/2013 00:00	0	18 - 18	121	122
SPC 10	Complex Power Cutover - Proposed	05/06/2013 15:00	05/07/2013 01:00	0	19 - 19	126	127
DSS 54	Complex Power Cutover - Proposed	05/29/2013 05:00	05/29/2013 17:00	0	22 - 22	149	149
DSS 55	Complex Power Cutover - Proposed	05/29/2013 05:00	05/29/2013 17:00	0	22 - 22	149	149
DSS 63	Complex Power Cutover - Proposed	05/29/2013 05:00	05/29/2013 17:00	0	22 - 22	149	149
DSS 65	Complex Power Cutover - Proposed	05/29/2013 05:00	05/29/2013 17:00	0	22 - 22	149	149
DSS 43	Antenna Inspection - Proposed	06/03/2013 22:00	06/04/2013 14:00	1	23 - 23	154	155
DSS 34	Antenna Inspection - Proposed	06/04/2013 22:00	06/05/2013 14:00	1	23 - 23	155	156
DSS 45	Antenna Inspection - Proposed	06/05/2013 22:00	06/06/2013 14:00	1	23 - 23	156	157
SPC 10	Complex Power Cutover - Proposed	06/10/2013 15:00	06/11/2013 01:00	0	24 - 24	161	162
DSS 34	Antenna Inspection - Proposed	06/11/2013 22:00	06/12/2013 06:00	0	24 - 24	162	163
DSS 45	Antenna Inspection - Proposed	06/12/2013 22:00	06/13/2013 06:00	0	24 - 24	163	164
DSS 15	AMP Installation - Proposed	06/13/2013 06:00	06/16/2013 00:00	3	24 - 24	164	167
DSS 54	Complex Power Cutover - Proposed	06/27/2013 05:00	06/27/2013 17:00	0	26 - 26	178	178
DSS 55	Complex Power Cutover - Proposed	06/27/2013 05:00	06/27/2013 17:00	0	26 - 26	178	178
DSS 63	Complex Power Cutover - Proposed	06/27/2013 05:00	06/27/2013 17:00	0	26 - 26	178	178
DSS 65	Complex Power Cutover - Proposed	06/27/2013 05:00	06/27/2013 17:00	0	26 - 26	178	178
DSS 63	Grouting - Proposed	07/15/2013 00:00	08/02/2013 00:00	18	29 - 31	196	214
SPC 10	Complex Power Cutover - Proposed	07/29/2013 15:00	07/30/2013 01:00	0	31 - 31	210	211
DSS 15	Maser Replacement - Proposed	08/12/2013 14:00	11/04/2013 01:00	83	33 - 45	224	308

- 2014 -

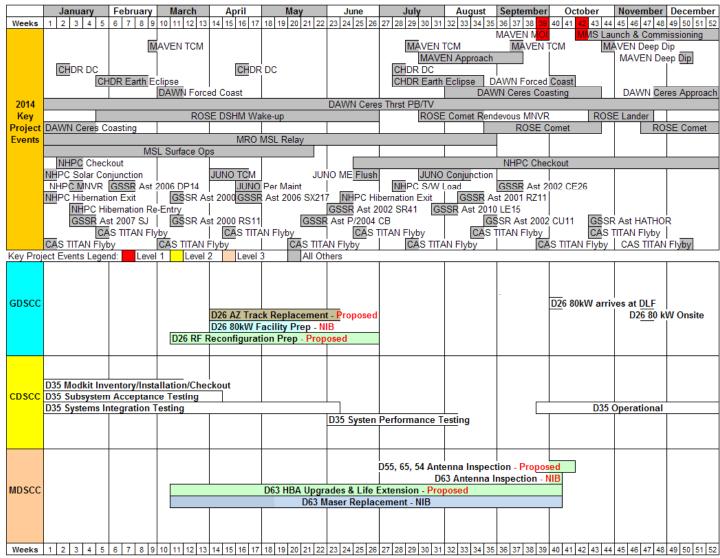
#### Interplanetary Network Directorate (IND) Deep Space Network (DSN)

#### Resource Allocation Planning Service



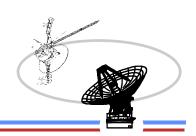
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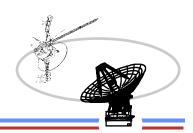
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		2014					
Site	Details	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 26	RF Reconfiguration Prep - Proposed	03/10/2014 00:00	06/29/2014 00:00	111	11 - 26	69	180
DSS 63	HBA Upgrades and Life Extension - Proposed	03/10/2014 00:00	10/05/2014 00:00	209	11 - 40	69	278
DSS 63	S-Band Maser Replacement - NIB	03/10/2014 00:00	10/05/2014 00:00	209	11 - 40	69	278
DSS 26	80 kW Facility Prep - NIB	03/31/2014 00:00	05/18/2014 00:00	48	14 - 20	90	138
DSS 26	AZ Track Replacement - Proposed	03/31/2014 00:00	06/08/2014 00:00	69	14 - 23	90	159
DSS 55	Antenna Inspection - Proposed	09/29/2014 07:00	09/29/2014 23:00	1	40 - 40	272	272
DSS 65	Antenna Inspection - Proposed	09/30/2014 07:00	09/30/2014 23:00	1	40 - 40	273	273
DSS 63	Antenna Inspection - Proposed	10/01/2014 07:00	10/01/2014 23:00	1	40 - 40	274	274
DSS 54	Antenna Inspection - Proposed	10/03/2014 07:00	10/03/2014 23:00	1	40 - 40	276	276
DSS 55	Antenna Inspection - Proposed	10/06/2014 07:00	10/06/2014 16:30	0	41 - 41	279	279
DSS 65	Antenna Inspection - Proposed	10/07/2014 07:00	10/07/2014 16:30	0	41 - 41	280	280
DSS 54	Antenna Inspection - Proposed	10/10/2014 07:00	10/10/2014 16:30	0	41 - 41	283	283

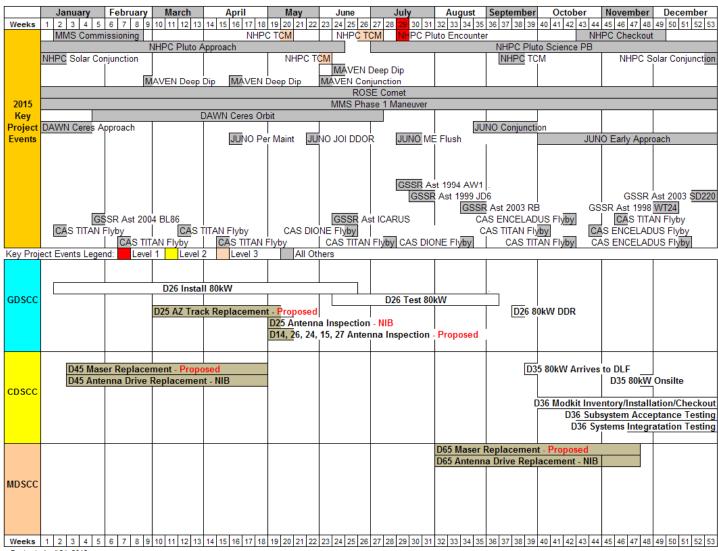
- 2015 -

#### Interplanetary Network Directorate (IND) Deep Space Network (DSN)

#### Resource Allocation Planning Service

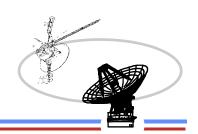


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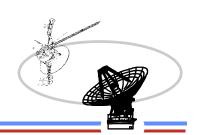




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		2015					
Site	Details	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 45	Antenna Drive Replacement - NIB	01/12/2015 00.:00	04/06/2015 00:00	84	05 - 15	12	96
DSS 45	Maser Replacement - Proposed	01/12/2015 00.:00	04/06/2015 00:00	84	05 - 15	12	96
DSS 25	AZ Track Replacement - Proposed	03/31/2015 00.:00	06/07/2015 00:00	68	14 - 23	90	158
DSS 14	Antenna Inspection - Proposed	05/04/2015 15.:00	05/05/2015 06:00	1	19 - 19	124	125
DSS 26	Antenna Inspection - Proposed	05/05/2015 15.:00	05/06/2015 06:00	1	19 - 19	125	126
DSS 25	Antenna Inspection - NIB	05/06/2015 15.:00	05/07/2015 06:00	1	19 - 19	126	127
DSS 15	Antenna Inspection - Proposed	05/07/2015 15.:00	05/08/2015 06:00	1	19 - 19	127	128
DSS 27	Antenna Inspection - Proposed	05/08/2015 14.:00	05/08/2015 23:00	0	19 - 19	128	128
DSS 14	Antenna Inspection - Proposed	05/11/2015 14.:00	05/11/2015 23:00	0	20 - 20	131	131
DSS 26	Antenna Inspection - Proposed	05/12/2015 14.:00	05/12/2015 23:00	0	20 - 20	132	132
DSS 24	Antenna Inspection - Proposed	05/13/2015 15.:00	05/14/2015 06:00	1	20 - 20	133	134
DSS 15	Antenna Inspection - Proposed	05/14/2015 14.:00	05/14/2015 23:00	0	20 - 20	134	134
DSS 27	Antenna Inspection - Proposed	05/15/2015 14.:00	05/15/2015 23:00	0	20 - 20	135	135
DSS 65	Antenna Drive Replacement - NIB	08/03/2015 00.:00	11/23/2015 00:00	112	32 - 48	215	327
DSS 65	Maser Replacement - Proposed	08/03/2015 00.:00	11/23/2015 00:00	112	32 - 48	215	327





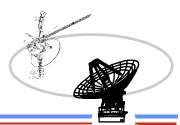
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The following are downtimes for 2015 – 2016  ☐ Maser Replacement has been requested for 2015 ☐ DSS-45 is proposed for weeks 03 – 18 ☐ DSS-65 is proposed for weeks 32 – 47 ☐ Antenna Drive Replacement will be NIB to both downtimes
<ul> <li>□ AZ Track Replacement is requested for DSS-25 and DSS-55</li> <li>□ DSS-25 is proposed for March 2 – May 11, 2015, weeks 10 – 19</li> <li>□ DSS-55 is proposed for February 1 – April 10, 2016, weeks 05 – 14</li> <li>□ 80 kW Facility Preparation is scheduled NIB for February 1 – March 20, weeks 05 – 20</li> <li>□ Reconfiguration Prep is proposed for February 1 – May 23, weeks 05 – 20</li> </ul>
<ul> <li>□ SPC-10 request a 24 hour downtime on each antenna for inspection in 2015</li> <li>□ Antennas include DSS-14, 15, 24, 25, 26 and 27</li> <li>□ Week 19 inspection times are proposed for 8 hours NIB to maintenance plus 8 hours swing shift, – Except DSS-25 which will be done during AZ Track Replacement</li> <li>□ Week 20 inspection times are proposed for 8 hours NIB to maintenance</li> </ul>
<ul> <li>DSS-15 Antenna Drive Replacement requested for 2016</li> <li>Proposed for July 18 – September 12, weeks 29 – 36</li> </ul>

- 2016 -

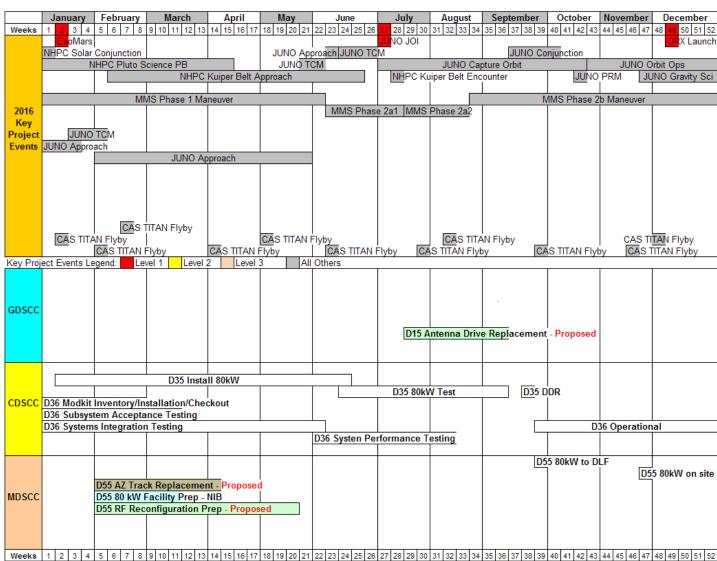
### Interplanetary Network Directorate (IND) Deep Space Network (DSN)

#### Resource Allocation Planning Service

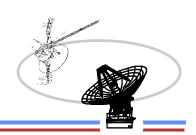


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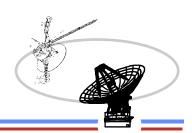
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		2016					
Site	Details	Start	End	Duration (Days)	Weeks	Start DOY	End DOY
DSS 55	80 kW Facility Prep - NIB	02/01/2016 00:00	03/20/2016 00:00	48	05 - 11	32	80
DSS 55	AZ Track Replacement - Proposed	02/01/2016 00:00	04/10/2016 00:00	69	05 - 14	32	101
DSS 55	RF Reconfiguration Prep - Proposed	02/01/2016 00:00	05/23/2016 00:00	112	05 - 20	32	144
DSS 15	Antenna Drive Replacement - Proposed	07/11/2016 00:00	09/07/2016 00:00	58	28 - 36	193	251

- 2017 -

## Interplanetary Network Directorate (IND) Deep Space Network (DSN)

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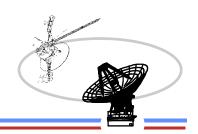


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	J	Jan	uary		Fel	orua	ary		Ma	rch			Apri	<u>il</u>		Ma	у	<u> </u>	June			Ju	ly		Aug	gust	S	epte	mbe	r	Octo	ber		Nove	mber		Decemb 9 50 51
Weeks	1	2	3	4	5 6	3 7	8	9	10 1	1 12	13	14 1	15 1	6 17	18	19 2	0 21	22 2	3 24	25 26	27	28	29 30	31	32 3	3 34 3	35 36	37	38 39	9 4	0 41	42 43	44	45 4	6 47 4	48 4	9 50 51
2017 Key Project Events			Phas		N	/IMS	S Dis	spos					_	JUI	NO I	Orbit	Ops	/Gravi													T UUNO I						
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Key Proje	ect	Εv	ents	Leg	end	:	Le	vel	1	Le	evel	2	L	evel.	3		All	Othe	rs																		
GDSCC																											-										
CDSCC																													D	36	80kW	/ Arri	ves			w o	)nsilte
MDSCC									D	i5 Ir	nsta	1 801	kW									D55	i Tos	t 80	kW		<u> </u> 		D	)55	DDR						
Weeks	1	2	3	4	5 6	3 7	7 8	9	10 1	1 12	13	14 1	15 1	6 17	18	19 2	0 21	22 2	3 24	25 26	27	28	29 30	31	32 3	3 34 3	35 36	6 37	38 39	9 4	0 41	42 43	44	45 4	6 47 4	18 4	9 50 51

Revised: March 5, 2012

#### Resource Allocation Planning Service



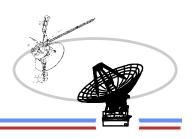
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#### Future assets new/upgrades

DSS	S-35 Installation and Operational 2013 – 2014  Modkit Installation October 1, 2013 – March 14, 2014 weeks 40 – 11  Acceptance Testing November 22, 2013 – April 4, 2014, weeks 47 – 14  System Integration Testing December 17, 2013 – June 2, 2014 weeks 51 – 23  Operations Systems Performance Testing June 2, 2014 – August 15, 2014, weeks 23 – 33  Operational September 26, 2014
DSS	S-26 80kW Installation 2014 – 2015 80kW arrive at DLF October, 2014, week 40 80kW arrive on-site November, 2014, week 47 80kW install January – June, 2015, weeks 02 – 25 80 kW test June – September, 2015, weeks 24 – 36 DDR September, 2015, week 38
DSS	S-35 80kW Installation 2016 – A placeholder has been set awaiting dates
DSS date	6-36 Installation and Operational 2016 – A placeholder has been set awaiting
DSS	8-55 80kW Installation 2016 – 2017 80kW Facility Prep – February 2016, weeks 05 – 10 80kW at DLF September, 2016, week 39 80kW on-site November, 2016, week 47 80kW install January – June, 2017, weeks 01 – 24 80kW test June – September, 2017, weeks 24 – 37



#### Resource Allocation Planning Service



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#### Antenna Downtime Status and Forecast

			S-Band		X-B	and	Ka-E	Band	Ka Phase 2	X-Band	80KW
Complex	Station	Subnet	Down	Up	Down	Up	Down	Up	rta i ilase z	ACQ AID	OURT
10	DSS-27	34HSB	۶	>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	DSS-24	34B1	>	>	•	>	N/A	N/A	•	¥	N/A
40	DSS-34	34B1	۲	>	*	4	4	N/A	•	~	N/A
60	DSS-54	34B1	١	<b>y</b>	~	>	۲	N/A	•	~	N/A
10	DSS-25	34B2	N/A	N/A	~	>	>	*	N/A	N/A	10/01/15
10	DSS-26	34B2	N/A	N/A	~	>	>	N/A	N/A	N/A	N/A
40	DSS-35*	34B2	N/A	N/A	11/01/14	11/01/14	11/01/14	N/A	N/A	N/A	11/01/16
40	DSS-36*	34B2	N/A	N/A	11/01/16	11/01/16	11/01/16	N/A	N/A	N/A	N/A
60	DSS-55	34B2	N/A	N/A	~	•	*	N/A	N/A	N/A	10/01/17
10	DSS-15	34HEF	>	N/A	~	>	N/A	N/A	N/A	N/A	N/A
40	DSS-45	34HEF	`	*	~	`	N/A	N/A	N/A	N/A	N/A
60	DSS-65	34HEF	>	*	~	>	N/A	N/A	N/A	N/A	N/A
10	DSS-14	70M	۲	*	•	*	N/A	N/A	N/A	N/A	N/A
40	DSS-43	70M	٧	*	~	>	N/A	N/A	N/A	N/A	N/A
60	DSS-63	70M	>	<b>&gt;</b>	<b>~</b>	>	N/A	N/A	N/A	N/A	N/A

N/A = Capability Not Planned

xx/xx/xx = Capability Date Recently Changed

✓ ✓ ✓ = Capability Recently Exists

✓ = Capability Exists

As of: 1/5/2012

\* = To Be Commissioned