Rev 14 Cassini Radio Science Occultation: Event Times on DOY 248, 2005

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	SCET UTC	ERT UTC OWLT = 1:22:09	Pacific Time GMT-7hrs 7:00:00	Comments
Cassinin HGA Earth Pointed	5:55:00	7:17:09	0:17:09	
DSS-25: Begin-of-Track	11:07:51	12:30:00	5:30:00	Likely signals during warmup period
DSS-26: Begin-of-Track	11:22:51	12:45:00	5:45:00	Likely signals during warmup period
Start LMB	12:04:00	13:26:09	6:26:09	Cassini HGA Earth poining starts
DSS-25: Enable Monopulse	12:04:00	13:26:09	6:26:09	Enable monopulse ASAP after BOT
DSS-26: Enable Monopulse	12:04:00	13:26:09	6:26:09	Enable monopulse ASAP after BOT
Start Baseline	12:24:45	13:46:54	6:46:54	Start of the RSS occultation experiment
Ring F	12:51:00	14:13:09	7:13:09	Rings F is only detectable in postprocessing
Ring A in	12:57:42	14:19:50	7:19:50	Sudden drop in signal level
Enke Gap	13:03:15	14:25:24	7:25:24	Brief recovery of strong signal level
Ring A out	13:22:20	14:44:29	7:44:29	Strong signal expected in the Cassini Div
DSS-25: Disable Monopulse	13:29:01	14:51:10	7:51:10	Monopulse offset used to reintialize blind pntng
DSS-26: Disable Monopulse	13:29:01	14:51:10	7:51:10	Monopulse offset used to reintialize blind pntng
Ring B in	13:29:31	14:51:40	7:51:40	Signal level drops substantially
Ring B out	14:08:39	15:30:47	8:30:47	Signal level throughout Ring B is small
DSS-25: Enable Monopulse	14:09:09	15:31:18	8:31:18	Monopulse enabled ~30 s after exit from Ring B
DSS-26: Enable Monopulse	14:09:09	15:31:18	8:31:18	Monopulse enabled ~30 s after exit from Ring B
Ring C out	14:36:24	15:58:33	8:58:33	High signal level but with fast fluctuations
DSS-25: Disable Monopulse	14:41:10	16:03:19	9:03:19	Monopulse offset used to reintialize blind pntng
DSS-26: Disable Monopulse	14:41:10	16:03:19	9:03:19	Monopulse offset used to reintialize blind pntng
Ionoshere in	14:41:40	16:03:49	9:03:49	Strong signal level
Troposphere in	14:53:10	16:15:18	9:15:18	Signal level starts dropping systematically
Ka-Band signal loss	14:59:10	16:21:19	9:21:19	Likely disappearance of the Ka-band signal
X-band signal loss	15:00:10	16:22:19	9:22:19	Likely disappearance of the X-band signal
S-band signal loss	15:01:10	16:23:19	9:23:19	Likely disappearance of the S-band signal
End of Ingress	15:34:03	16:56:12	9:56:12	End of Saturn ingress occultation
End LMB	15:54:00	17:16:09	10:16:09	Behind Saturn; no signals expected
DSS-25: End-of-Track	16:27:51	17:50:00	10:50:00	
DSS-26: End-of-Track	16:27:51	17:50:00	10:50:00	

Note: Some Ring Edges are known to be noncircular, which will affect event times above

Monopulse strategy above is preliminary at this time and may be changed in realtime