

IBEX Maneuver Timeline v15

Date	Time UTC	Time (ET)	Dur	Actionee	Action	OP3117_A Step	Altitude	AUS View	AK View	HAW View	APL View	Location Reqs	Comments	Needed in addition to OP3117_A
6/20/2011	1230	8:30	30m		Contact AOS : AK, 2k		26d							
	1300	9:00			Contact LOS									
		2100			AUS view begin									
6/21/2011	0300		60m		Contact AOS : AUS, 2k		16d							
	0400	0:00			Contact LOS									
		0500			AUS view end									
6/21/2011	0530	1:30	60m		Contact AOS : AK, 40k		14d							
					FC Dump									
					Reset 18-day Timer									
6/21/2011	0630	2:30			Set SCB Clock									
					Contact LOS									
		0900			AK view end									
6/21/2011	1624			Perigee										
6/22/2011	0400				APLview begin									
6/22/2011	0800				HA view begin									
6/22/2011	0730	3:30	60m		Contact AOS : HA, 40k		17a							OP31206
			5m		Restore nominal TLM rates		33							
			10m		Set Gyro as Low Rate Sensor		34							
6/22/2011			5m		Upload Spin Down ATS		35							
		0800	4:00		Contact LOS									
				MOC	Queue contingency commands		36							
6/22/2011	0930	5:30	60m		Contact AOS : HAW02, 2k		20a							
	0945	5:45	33m		Spin Down to 4rpm		37							
			5m		Enable Spin Rate FDC		38							OP31203
6/22/2011			5m		Set Accelerometer as Low Rate Sensor		39							OP31206
		1030	6:30		Contact LOS									
	6/22/2011	1200	8:00	60m		Contact AOS : AUS, 40k		22a						
			15m		Star Tracker On		40							
			5m		Upload Repointing ATS		41							
6/22/2011	1300	9:00			Contact LOS									
	1400	10:00		ACS	Pointing analysis									
				MOC	Queue contingency commands		42							
6/22/2011	1430	10:30	60m		Contact AOS : HAW01, 2k - Backup Return to Science		24a							
	1445	10:45	35m		Repoint		42							
			5m		Set limits for 4rpm		43							
6/22/2011		1530	11:30		Contact LOS									
		1600	12:00		HAW view end									
		1630	12:30		ACS	Pointing analysis								
6/22/2011	1650	12:50	20m		Contact AOS : AUS, 2k		20d							OP31418
			5m		Verify Static Z Rate		44							
			2m		Enter Science State		45							
6/22/2011					Increase Battery TLM		46							
					Add Star Tracker Attitude to Backorbit TLM		47							
		1710	13:10		Contact LOS									
6/23/2011	0000				AUS view end									
		0730			HAW view begin									
	6/23/2011	0900	5:00	60m		Contact AOS : HA, 40k		17a						
			5m		CEU On		48							
			15m		LV Checkout		49							
6/23/2011			5m		Upload Hi Diagnostics		50							
					Set Payload Limits		51							
		1000	6:00		FC Dump									
6/23/2011					Contact LOS									
	6/23/2011	1100	7:00	60m		Contact AOS : HA, 2k		20a						
				30m		OFF_TO_HVSTANDBY macros		52						
		1200	8:00		Contact LOS									
6/23/2011		1200	6:30		Return to Science MAC									
		1230			AUS view begin									
	6/23/2011	1330	9:30	60m		Contact AOS : HA, 40k		22a						
			5m		Upload o130a ATS (commands through apogee DESCENDING)		53							
			25m		ASCENDING macros		54							
6/23/2011			5m		Upload o130b ATS (rest of o130 commands)									
					Upload o131 ATS		53							
		1430	10:30		Contact LOS									
6/23/2011	1530	11:30	60m		Contact AOS : HA, 2k - Backup Return to Science		24a							
		1630	12:30		Contact LOS									
	6/24/2011		1800			HAW view end								
		0030			AUS view end									
6/26/2011		0301			Apogee		47							