

STS-114/ISS-LF1			SpaceCalc Shuttle Mission Planner			
Eastern Time			DD	HH	MM	Updated 8/03/05
C	07/26/05	Tue 10:39 AM	00	00	00	STS-114 Launch
R	07/26/05	Tue 10:48 AM	00	00	09	Main engine cutoff
I	07/26/05	Tue 11:17 AM	00	00	38	OMS-2 rocket firing (37:34; dV: 99.7 fps; 123 X 85 nm)
T	07/26/05	Tue 11:29 AM	00	00	50	Post-insertion timeline
I	07/26/05	Tue 01:09 PM	00	02	30	GIRA install; PGSC laptop setup (1)
C	07/26/05	Tue 01:29 PM	00	02	50	Shuttle remote manipulator system (SRMS) powerup
A	07/26/05	Tue 01:49 PM	00	03	10	SRMS checkout
L	07/26/05	Tue 02:09 PM	00	03	30	Elevon park
	07/26/05	Tue 02:34 PM	00	03	55	SSRMS photographs KU-OBSS clearance
E	07/26/05	Tue 02:39 PM	00	04	00	SEE setup
V	07/26/05	Tue 02:54 PM	00	04	15	SSRMS powerdown
E	07/26/05	Tue 03:41 PM	00	05	02	NC-1 rendezvous burn (dV: 124; 154 X 122 nm)
N	07/26/05	Tue 04:04 PM	00	05	25	Group B computer powerdown
T	07/26/05	Tue 04:39 PM	00	06	00	STS crew sleep begins
S						
	07/27/05	Wed 12:39 AM	00	14	00	STS crew wakeup
	07/27/05	Wed 02:55 AM	00	16	16	NC-2 rendezvous burn
	07/27/05	Wed 03:09 AM	00	16	30	Centerline camera installation
	07/27/05	Wed 03:24 AM	00	16	45	SRMS powerup
	07/27/05	Wed 03:34 AM	00	16	55	SRMS checkout
	07/27/05	Wed 03:39 AM	00	17	00	Ergometer setup
	07/27/05	Wed 03:54 AM	00	17	15	Orbiter boom survey system (OBSS) unberth
	07/27/05	Wed 04:09 AM	00	17	30	PGSC setup (2)
	07/27/05	Wed 04:09 AM	00	17	30	KU-band antenna deploy
	07/27/05	Wed 05:19 AM	00	18	40	Rendezvous tools checkout (part 1)
	07/27/05	Wed 05:24 AM	00	18	45	OBSS thermal protection system (TPS) survey
	07/27/05	Wed 05:24 AM	00	18	45	OBSS: Starboard wing LDRI survey begins
	07/27/05	Wed 05:49 AM	00	19	10	SAFER jet backpack checkout

07/27/05	Wed	06:19 AM	00	19	40	Lawrence exercises
07/27/05	Wed	06:19 AM	00	19	40	Spacewalk power tool checkout
07/27/05	Wed	06:49 AM	00	20	10	Crew meals begin
07/27/05	Wed	06:49 AM	00	20	10	OBSS: Nosecap survey begins
07/27/05	Wed	07:49 AM	00	21	10	Airlock prep
07/27/05	Wed	08:29 AM	00	21	50	OBSS: Nosecap survey complete
07/27/05	Wed	08:39 AM	00	22	00	EMU (spacesuit) checkout
07/27/05	Wed	08:54 AM	00	22	15	Docking ring extension
07/27/05	Wed	09:24 AM	00	22	45	OBSS: Port wing LDRI survey begins
07/27/05	Wed	10:24 AM	00	23	45	EMU checkout continues
07/27/05	Wed	10:49 AM	01	00	10	OBSS: Port wing survey complete
07/27/05	Wed	10:49 AM	01	00	10	OBSS berthing
07/27/05	Wed	11:44 AM	01	01	05	SRMS survey
07/27/05	Wed	12:59 PM	01	02	20	LDRI downlink
07/27/05	Wed	01:04 PM	01	02	25	NC-3 rendezvous burn
07/27/05	Wed	03:39 PM	01	05	00	STS crew sleep begins
07/27/05	Wed	11:39 PM	01	13	00	STS crew wakeup
07/27/05	Wed	11:39 PM	01	13	00	ISS crew wakeup
07/28/05	Thu	01:09 AM	01	14	30	ISS daily planning conference
07/28/05	Thu	01:14 AM	01	14	35	Group B computer powerup
07/28/05	Thu	01:29 AM	01	14	50	Rendezvous timeline begins
07/28/05	Thu	01:54 AM	01	15	15	ISS: Phillips exercises
07/28/05	Thu	01:54 AM	01	15	15	Ku antenna clearance video downlinked
07/28/05	Thu	02:09 AM	01	15	30	Rendezvous tools setup
07/28/05	Thu	02:14 AM	01	15	35	ET video downlinked
07/28/05	Thu	02:23 AM	01	15	44	NH rendezvous burn (dV: 63; 188 X 150 nm)
07/28/05	Thu	02:39 AM	01	16	00	Noguchi exercises
07/28/05	Thu	02:39 AM	01	16	00	ISS: Krikalev exercises
07/28/05	Thu	03:11 AM	01	16	32	NC-4 rendezvous burn (dV: 63; 191 X 184 nm)
07/28/05	Thu	03:39 AM	01	17	00	EMU removal from airlock
07/28/05	Thu	04:09 AM	01	17	30	Thomas exercises
07/28/05	Thu	04:40 AM	01	18	01	TI rendezvous burn (dV: 9; 193 X 186 nm)

07/28/05	Thu	04:54 AM	01	18	15	Robinson exercises
07/28/05	Thu	04:54 AM	01	18	15	ISS meal
07/28/05	Thu	05:54 AM	01	19	15	Begin final approach
07/28/05	Thu	06:10 AM	01	19	31	Shuttle directly below ISS
07/28/05	Thu	06:19 AM	01	19	40	ISS crew films rotational pitch maneuver
07/28/05	Thu	06:54 AM	01	20	15	ISS crew prepares PMA-2 for docking
07/28/05	Thu	07:18 AM	01	20	39	Discovery docks with ISS (193/187 nm)
07/28/05	Thu	07:44 AM	01	21	05	Leak checks
07/28/05	Thu	07:44 AM	01	21	05	Camarda exercises
07/28/05	Thu	08:14 AM	01	21	35	Shuttle airlock prepped
07/28/05	Thu	08:29 AM	01	21	50	Group B powerdown
07/28/05	Thu	08:44 AM	01	22	05	Hatch opening
07/28/05	Thu	08:49 AM	01	22	10	Post-rendezvous PGSC reconfig
07/28/05	Thu	09:19 AM	01	22	40	Handshake/Welcome
07/28/05	Thu	09:29 AM	01	22	50	Safety Briefing
07/28/05	Thu	09:54 AM	01	23	15	SSRMS OBSS grapple
07/28/05	Thu	10:09 AM	01	23	30	Krikalev exercises
07/28/05	Thu	10:09 AM	01	23	30	Collins exercises
07/28/05	Thu	10:09 AM	01	23	30	EVA prep for transfer
07/28/05	Thu	10:19 AM	01	23	40	OBSS unberth with SSRMS
07/28/05	Thu	11:44 AM	02	01	05	OBSS handoff to SRMS
07/28/05	Thu	11:59 AM	02	01	20	Lithium hydroxide exchange
07/28/05	Thu	12:29 PM	02	01	50	SSRMS moves to Unity for MPLM inspection
07/28/05	Thu	01:24 PM	02	02	45	ISS daily planning conference
07/28/05	Thu	03:39 PM	02	05	00	STS/ISS crew sleep begins
07/28/05	Thu	11:39 PM	02	13	00	STS crew wakeup
07/29/05	Fri	12:09 AM	02	13	30	ISS crew wakeup
07/29/05	Fri	01:39 AM	02	15	00	ISS daily planning conference
07/29/05	Fri	01:44 AM	02	15	05	SSRMS grapples multi-purpose logistics module (MPLM)
07/29/05	Fri	02:14 AM	02	15	35	SSRMS pulls MPLM from payload bay
07/29/05	Fri	02:24 AM	02	15	45	ISS: Phillips exercises
07/29/05	Fri	02:49 AM	02	16	10	ISS: Krikalev exercises

07/29/05	Fri	02:49 AM	02	16	10	EVA tool config
07/29/05	Fri	03:09 AM	02	16	30	MPLM installation begins
07/29/05	Fri	03:44 AM	02	17	05	MPLM equipment setup
07/29/05	Fri	04:14 AM	02	17	35	MPLM common berthing mechanism (CBM) 1st torque
07/29/05	Fri	04:34 AM	02	17	55	Crew meals begin (staggered)
07/29/05	Fri	04:34 AM	02	17	55	MPLM CBS torquing (part 2)
07/29/05	Fri	04:39 AM	02	18	00	Middeck transfers
07/29/05	Fri	05:09 AM	02	18	30	Node 1 nadir CBCS removal
07/29/05	Fri	05:24 AM	02	18	45	SSRMS ungrapples MPLM
07/29/05	Fri	05:39 AM	02	19	00	SSRMS grapples mobile base system (MBS)
07/29/05	Fri	06:19 AM	02	19	40	PAO A/G
07/29/05	Fri	06:19 AM	02	19	40	MPLM vestibule pressurization
07/29/05	Fri	06:24 AM	02	19	45	SSRMS ungrapples lab module
07/29/05	Fri	06:39 AM	02	20	00	EVA tool config
07/29/05	Fri	06:54 AM	02	20	15	SRMS/OBSS moved to tile survey point
07/29/05	Fri	07:09 AM	02	20	30	SRMS/OBSS docked survey
07/29/05	Fri	07:19 AM	02	20	40	MPLM vestibule preps and setup
07/29/05	Fri	07:19 AM	02	20	40	Collins exercises
07/29/05	Fri	07:24 AM	02	20	45	Middeck transfers
07/29/05	Fri	08:19 AM	02	21	40	Thomas exercises
07/29/05	Fri	08:49 AM	02	22	10	Robinson exercises
07/29/05	Fri	09:19 AM	02	22	40	Noguchi exercises
07/29/05	Fri	09:39 AM	02	23	00	ISS: Phillips exercises
07/29/05	Fri	10:19 AM	02	23	40	EVA procedures review
07/29/05	Fri	10:49 AM	03	00	10	MPLM ingress
07/29/05	Fri	11:19 AM	03	00	40	SRMS/OBSS survey ends
07/29/05	Fri	11:19 AM	03	00	40	MPLM EVA transfer
07/29/05	Fri	11:19 AM	03	00	40	ISS crew airlock prep for EVA
07/29/05	Fri	11:19 AM	03	00	40	EVA procedures review (all crew)
07/29/05	Fri	12:19 PM	03	01	40	Transfer tagup
07/29/05	Fri	12:19 PM	03	01	40	SAFER checkout
07/29/05	Fri	12:19 PM	03	01	40	ISS daily planning conference
07/29/05	Fri	12:34 PM	03	01	55	ISS: Krikalev exercises

07/29/05	Fri	12:34 PM	03	01	55	STS crew leaves ISS
07/29/05	Fri	12:44 PM	03	02	05	10.2 psi cabin depressurization
07/29/05	Fri	03:39 PM	03	05	00	STS/ISS crew sleep begins
07/29/05	Fri	11:39 PM	03	13	00	STS crew wakeup
07/30/05	Sat	12:09 AM	03	13	30	ISS crew wakeup
07/30/05	Sat	01:39 AM	03	15	00	EVA-1: EVA prep
07/30/05	Sat	01:39 AM	03	15	00	ISS daily planning conference
07/30/05	Sat	02:29 AM	03	15	50	SSRMS grapples lab module for EVA support
07/30/05	Sat	02:39 AM	03	16	00	Collins exercises
07/30/05	Sat	03:09 AM	03	16	30	Kelly exercises
07/30/05	Sat	03:09 AM	03	16	30	Transfer review
07/30/05	Sat	03:09 AM	03	16	30	EVA-1: EMU purge/prebreathe
07/30/05	Sat	03:29 AM	03	16	50	SSRMS ungrapples mobile base station
07/30/05	Sat	03:39 AM	03	17	00	Camarda exercises
07/30/05	Sat	03:59 AM	03	17	20	ESP attachment device (ESPAD) setup
07/30/05	Sat	04:09 AM	03	17	30	Lawrence exercises
07/30/05	Sat	04:34 AM	03	17	55	EVA-1: Airlock depress
07/30/05	Sat	04:44 AM	03	18	05	EVA-1: Egress and setup
07/30/05	Sat	04:44 AM	03	18	05	14.7 psi cabin repressurization
07/30/05	Sat	05:19 AM	03	18	40	ISS: Phillips exercises
07/30/05	Sat	05:19 AM	03	18	40	ISS: Krikalev exercises
07/30/05	Sat	05:19 AM	03	18	40	ISS ingress
07/30/05	Sat	05:34 AM	03	18	55	MPLM clothes transfer
07/30/05	Sat	05:34 AM	03	18	55	Lithium hydroxide changeout
07/30/05	Sat	05:49 AM	03	19	10	EVA-1: Tile/RCC repair demo
07/30/05	Sat	06:49 AM	03	20	10	ISS/STS meals
07/30/05	Sat	07:14 AM	03	20	35	SSRMS positioned for ESPAD installation
07/30/05	Sat	07:29 AM	03	20	50	EVA-1/MS1: ESPAD cable routing
07/30/05	Sat	07:29 AM	03	20	50	EVA-1/MS2, on SSRMS, removes ESPAD
07/30/05	Sat	08:04 AM	03	21	25	Transfer operations
07/30/05	Sat	08:14 AM	03	21	35	EVA-1/MS1/MS2: ESPAD installation on Quest
07/30/05	Sat	08:44 AM	03	22	05	EVA-1/MS1: GPS antenna R&R

07/30/05	Sat	08:59 AM	03	22	20	EVA-1/MS2: CMG get aheads (includes CMG-2 re-wire)
07/30/05	Sat	09:09 AM	03	22	30	OBSS survey
07/30/05	Sat	09:44 AM	03	23	05	EVA-1: MS1/MS2 secondary ESPAD cable routing
07/30/05	Sat	10:09 AM	03	23	30	EVA-1: MS1: payload bay cleanup
07/30/05	Sat	10:24 AM	03	23	45	STS crew departs ISS
07/30/05	Sat	11:14 AM	04	00	35	EVA-1: Airlock repress
07/30/05	Sat	11:24 AM	04	00	45	ISS: Phillips exercises
07/30/05	Sat	11:39 AM	04	01	00	ISS: Krikalev exercises
07/30/05	Sat	11:39 AM	04	01	00	CMG EVA setup
07/30/05	Sat	01:24 PM	04	02	45	ISS daily planning conference
07/30/05	Sat	01:49 PM	04	03	10	Daily transfer tagup
07/30/05	Sat	03:39 PM	04	05	00	STS/ISS crew sleep begins
07/30/05	Sat	11:39 PM	04	13	00	STS crew wakeup
07/31/05	Sun	12:09 AM	04	13	30	ISS crew wakeup
07/31/05	Sun	12:34 AM	04	13	55	Kelly exercises
07/31/05	Sun	01:04 AM	04	14	25	Robinson exercises
07/31/05	Sun	01:34 AM	04	14	55	Noguchi exercises
07/31/05	Sun	01:49 AM	04	15	10	ISS daily planning conference
07/31/05	Sun	02:09 AM	04	15	30	Transfer review
07/31/05	Sun	02:39 AM	04	16	00	EVA tool cleanup and stow
07/31/05	Sun	02:39 AM	04	16	00	Transfer operations
07/31/05	Sun	02:39 AM	04	16	00	Lithium hydroxide exchange
07/31/05	Sun	02:39 AM	04	16	00	Camarda exercises
07/31/05	Sun	03:39 AM	04	17	00	Middeck preps
07/31/05	Sun	03:54 AM	04	17	15	Lawrence exercises
07/31/05	Sun	04:09 AM	04	17	30	EVA tools config
07/31/05	Sun	05:09 AM	04	18	30	Collins exercises
07/31/05	Sun	05:39 AM	04	19	00	EVA pistol grip tool setup
07/31/05	Sun	05:39 AM	04	19	00	ISS: Krikalev exercises
07/31/05	Sun	05:39 AM	04	19	00	ISS: Phillips exercises
07/31/05	Sun	06:49 AM	04	20	10	PAO event (CDR, PLT, MS5)
07/31/05	Sun	07:09 AM	04	20	30	Joint ISS/STS meal

07/31/05	Sun	08:09 AM	04	21	30	Transfer operations
07/31/05	Sun	08:44 AM	04	22	05	PAO event (CDR, MS1, MS2, ISS: Krikalev)
07/31/05	Sun	09:39 AM	04	23	00	ISS: Krikalev exercises
07/31/05	Sun	10:09 AM	04	23	30	Crew choice television
07/31/05	Sun	10:39 AM	05	00	00	EVA-2: Procedures review
07/31/05	Sun	11:34 AM	05	00	55	ISS: Phillips exercises
07/31/05	Sun	11:49 AM	05	01	10	Transfer review
07/31/05	Sun	12:09 PM	05	01	30	ISS egress
07/31/05	Sun	12:34 PM	05	01	55	10.2 psi cabin depressurization
07/31/05	Sun	12:39 PM	05	02	00	Thomas exercises
07/31/05	Sun	12:54 PM	05	02	15	ISS daily planning conference
07/31/05	Sun	03:09 PM	05	04	30	STS/ISS crew sleep begins
07/31/05	Sun	11:09 PM	05	12	30	STS crew wakeup
07/31/05	Sun	11:39 PM	05	13	00	ISS crew wakeup
08/01/05	Mon	01:09 AM	05	14	30	EVA-2: Preps begin
08/01/05	Mon	01:39 AM	05	15	00	ISS daily planning conference
08/01/05	Mon	02:09 AM	05	15	30	Collins exercises
08/01/05	Mon	02:14 AM	05	15	35	ISS: Phillips exercises
08/01/05	Mon	02:39 AM	05	16	00	Transfer review
08/01/05	Mon	02:39 AM	05	16	00	Kelly exercises
08/01/05	Mon	02:39 AM	05	16	00	EVA-2: EMU pre-breathe
08/01/05	Mon	03:09 AM	05	16	30	Camarda exercises
08/01/05	Mon	03:09 AM	05	16	30	ISS: Krikalev exercises
08/01/05	Mon	03:14 AM	05	16	35	ISS: Phillips exercises
08/01/05	Mon	03:39 AM	05	17	00	Lawrence exercises
08/01/05	Mon	04:04 AM	05	17	25	EVA-2: Airlock depress
08/01/05	Mon	04:14 AM	05	17	35	EVA-2: Airlock egress and setup
08/01/05	Mon	04:14 AM	05	17	35	14.7 psi cabin repressurization
08/01/05	Mon	04:39 AM	05	18	00	ISS ingress
08/01/05	Mon	04:39 AM	05	18	00	Transfer operations
08/01/05	Mon	05:24 AM	05	18	45	EVA-2: CMG removal and replacement
08/01/05	Mon	06:24 AM	05	19	45	Crew meals begin

08/01/05	Mon	07:24 AM	05	20	45	Transfer operations resume
08/01/05	Mon	09:44 AM	05	23	05	EVA-2: Cleanup and ingress
08/01/05	Mon	09:54 AM	05	23	15	STS crew leaves ISS
08/01/05	Mon	10:44 AM	06	00	05	EVA-2: Airlock repress
08/01/05	Mon	11:09 AM	06	00	30	ISS: Krikalev exercises
08/01/05	Mon	12:54 PM	06	02	15	ISS daily planning conference
08/01/05	Mon	01:24 PM	06	02	45	Transfer tagup
08/01/05	Mon	03:09 PM	06	04	30	STS/ISS crew sleep begins
08/01/05	Mon	11:09 PM	06	12	30	STS crew wakeup
08/01/05	Mon	11:39 PM	06	13	00	ISS crew wakeup
08/02/05	Tue	12:04 AM	06	13	25	Robinson exercises
08/02/05	Tue	12:34 AM	06	13	55	Kelly exercises
08/02/05	Tue	01:04 AM	06	14	25	Noguchi exercises
08/02/05	Tue	01:09 AM	06	14	30	ISS daily planning conference
08/02/05	Tue	01:39 AM	06	15	00	Transfer review
08/02/05	Tue	02:09 AM	06	15	30	Lithium hydroxide exchange
08/02/05	Tue	02:09 AM	06	15	30	Camarda exercises
08/02/05	Tue	02:09 AM	06	15	30	Transfer operations
08/02/05	Tue	02:09 AM	06	15	30	ISS: Phillips exercises
08/02/05	Tue	02:39 AM	06	16	00	EVA procedures review
08/02/05	Tue	03:39 AM	06	17	00	EVA: Hack saw assembly
08/02/05	Tue	04:14 AM	06	17	35	ISS: Krikalev exercises
08/02/05	Tue	04:39 AM	06	18	00	EVA: DCS FMT; EVA camera
08/02/05	Tue	05:44 AM	06	19	05	Crew photo
08/02/05	Tue	05:59 AM	06	19	20	Crew news conference
08/02/05	Tue	06:39 AM	06	20	00	Joint ISS/STS meal
08/02/05	Tue	07:39 AM	06	21	00	EVA tools configured
08/02/05	Tue	07:39 AM	06	21	00	SSRMS grapples ESP2
08/02/05	Tue	08:24 AM	06	21	45	SSRMS unberths ESP2
08/02/05	Tue	08:24 AM	06	21	45	Collins exercises
08/02/05	Tue	09:24 AM	06	22	45	ISS: Krikalev exercises
08/02/05	Tue	10:19 AM	06	23	40	PAO event

08/02/05	Tue	10:39 AM	07	00	00	EVA-3: Procedures review
08/02/05	Tue	11:34 AM	07	00	55	ISS: Phillips exercises
08/02/05	Tue	11:49 AM	07	01	10	Transfer review
08/02/05	Tue	12:09 PM	07	01	30	STS crew leaves ISS
08/02/05	Tue	12:34 PM	07	01	55	10.2 psi cabin depressurization
08/02/05	Tue	12:39 PM	07	02	00	Thomas exercises
08/02/05	Tue	01:09 PM	07	02	30	ISS daily planning conference
08/02/05	Tue	03:09 PM	07	04	30	STS/ISS crew sleep begins
08/02/05	Tue	11:09 PM	07	12	30	STS crew wakeup
08/02/05	Tue	11:39 PM	07	13	00	ISS crew wakeup
08/03/05	Wed	01:09 AM	07	14	30	EVA-3: EVA preps begin
08/03/05	Wed	01:39 AM	07	15	00	ISS daily planning conference
08/03/05	Wed	01:39 AM	07	15	00	RCC plug repair demo
08/03/05	Wed	02:39 AM	07	16	00	ISS: Phillips exercises
08/03/05	Wed	02:39 AM	07	16	00	Transfer review
08/03/05	Wed	02:39 AM	07	16	00	Kelly exercises
08/03/05	Wed	02:39 AM	07	16	00	EVA-3: EMU purge
08/03/05	Wed	03:09 AM	07	16	30	Camarda exercises
08/03/05	Wed	03:39 AM	07	17	00	ISS: Krikalev, Phillips exercise
08/03/05	Wed	03:39 AM	07	17	00	Lawrence exercises
08/03/05	Wed	04:04 AM	07	17	25	EVA-3: Airlock depress
08/03/05	Wed	04:14 AM	07	17	35	EVA-3: Airlock egress and setup
08/03/05	Wed	04:14 AM	07	17	35	14.7 psi cabin repressurization
08/03/05	Wed	04:39 AM	07	18	00	ISS ingress
08/03/05	Wed	05:04 AM	07	18	25	SSRMS/ESP2 install
08/03/05	Wed	05:04 AM	07	18	25	EVA-3: ESP2 install
08/03/05	Wed	05:49 AM	07	19	10	SSRMS ungrapples ESP2
08/03/05	Wed	05:49 AM	07	19	10	EVA-3/EV-1: MISSE-5 install
08/03/05	Wed	05:49 AM	07	19	10	EVA-3/EV-2: FRGF removal
08/03/05	Wed	06:34 AM	07	19	55	SSRMS grapples MBS
08/03/05	Wed	06:34 AM	07	19	55	OBSS docked survey
08/03/05	Wed	07:09 AM	07	20	30	Transfer operations

08/03/05	Wed	07:14 AM	07	20	35	SSRMS ungrapples lab (walkoff)
08/03/05	Wed	07:49 AM	07	21	10	EVA-3: SSRMS setup for gap filler repair
08/03/05	Wed	08:04 AM	07	21	25	SSRMS maneuvers EV1 to gap No. 1
08/03/05	Wed	08:49 AM	07	22	10	SSRMS gap filler work
08/03/05	Wed	09:34 AM	07	22	55	SSRMS cleanup
08/03/05	Wed	09:39 AM	07	23	00	ISS: Krikalev exercises
08/03/05	Wed	10:39 AM	08	00	00	EVA-3: Airlock ingress
08/03/05	Wed	10:39 AM	08	00	00	ISS crew lock reconfigured
08/03/05	Wed	11:04 AM	08	00	25	EVA-3: Airlock repress
08/03/05	Wed	11:39 AM	08	01	00	Collins exercises
08/03/05	Wed	11:39 AM	08	01	00	MPLM racks configured for entry
08/03/05	Wed	12:54 PM	08	02	15	ISS daily planning conference
08/03/05	Wed	01:24 PM	08	02	45	Transfer review
08/03/05	Wed	03:09 PM	08	04	30	STS/ISS crew sleep begins
08/03/05	Wed	11:09 PM	08	12	30	STS crew wakeup
08/03/05	Wed	11:39 PM	08	13	00	ISS crew wakeup
08/04/05	Thu	01:39 AM	08	15	00	ISS daily planning conference
08/04/05	Thu	01:54 AM	08	15	15	Transfers resume
08/04/05	Thu	02:09 AM	08	15	30	Collins exercises
08/04/05	Thu	03:14 AM	08	16	35	Lawrence exercises
08/04/05	Thu	03:29 AM	08	16	50	PAO event
08/04/05	Thu	03:29 AM	08	16	50	ISS: Krikalev, Phillips exercise
08/04/05	Thu	03:49 AM	08	17	10	Camarda exercises
08/04/05	Thu	04:19 AM	08	17	40	Thomas exercises
08/04/05	Thu	05:19 AM	08	18	40	Japanese PAO event
08/04/05	Thu	05:24 AM	08	18	45	SSRMS moves to MPLM
08/04/05	Thu	05:54 AM	08	19	15	SSRMS grapples MPLM
08/04/05	Thu	06:09 AM	08	19	30	Joint STS/ISS crew meal
08/04/05	Thu	07:09 AM	08	20	30	Crew off duty time begins
08/04/05	Thu	08:04 AM	08	21	25	Crew choice TV downlink
08/04/05	Thu	11:09 AM	09	00	30	Noguchi exercises
08/04/05	Thu	11:09 AM	09	00	30	MPLM racks configured

08/04/05	Thu	11:49 AM	09	01	10	ISS: Daily planning conference
08/04/05	Thu	02:09 PM	09	03	30	STS/ISS crew sleep begins
08/04/05	Thu	10:09 PM	09	11	30	STS crew wakeup
08/04/05	Thu	10:39 PM	09	12	00	ISS crew wakeup
08/04/05	Thu	11:49 PM	09	13	10	MPLM cleanup
08/05/05	Fri	12:39 AM	09	14	00	ISS daily planning conference
08/05/05	Fri	12:39 AM	09	14	00	PGSC flight day 11 setup
08/05/05	Fri	12:49 AM	09	14	10	SRMS MPLM
08/05/05	Fri	12:54 AM	09	14	15	14.7 repress
08/05/05	Fri	01:09 AM	09	14	30	MPLM egress
08/05/05	Fri	01:24 AM	09	14	45	MPLM deactivation
08/05/05	Fri	01:39 AM	09	15	00	MPLM vestibule config
08/05/05	Fri	03:19 AM	09	16	40	Protein crystal growth transfer
08/05/05	Fri	03:09 AM	09	16	30	MPLM vestibule depressurization
08/05/05	Fri	04:39 AM	09	18	00	ISS: Phillips exercises
08/05/05	Fri	05:24 AM	09	18	45	Crew meals begin
08/05/05	Fri	06:24 AM	09	19	45	MPLM uninstall
08/05/05	Fri	07:34 AM	09	20	55	MPLM berthing in payload bay
08/05/05	Fri	07:54 AM	09	21	15	ISS: Krikalev exercises
08/05/05	Fri	08:09 AM	09	21	30	MPLM ungrapple
08/05/05	Fri	08:09 AM	09	21	30	Rendezvous tools checkout
08/05/05	Fri	08:24 AM	09	21	45	Move OBSS to handoff position
08/05/05	Fri	08:54 AM	09	22	15	OBSS handoff to SSRMS
08/05/05	Fri	09:24 AM	09	22	45	SRMS grapples OBSS
08/05/05	Fri	09:39 AM	09	23	00	OBSS handoff to SRMS
08/05/05	Fri	10:14 AM	09	23	35	ISS: Krikalev exercises
08/05/05	Fri	11:09 AM	10	00	30	SRMS ungrapples OBSS
08/05/05	Fri	11:24 AM	10	00	45	SRMS powerdown
08/05/05	Fri	12:39 PM	10	02	00	Transfer tagup
08/05/05	Fri	02:09 PM	10	03	30	STS/ISS crew sleep begins
08/05/05	Fri	10:09 PM	10	11	30	STS crew wakeup
08/05/05	Fri	10:39 PM	10	12	00	ISS crew wakeup

08/06/05	Sat	12:24 AM	10	13	45	Farewell ceremony
08/06/05	Sat	12:39 AM	10	14	00	Egress and hatch closure
08/06/05	Sat	12:39 AM	10	14	00	Rendezvous tools checkout (part 2)
08/06/05	Sat	12:39 AM	10	14	00	Kelly exercises
08/06/05	Sat	01:09 AM	10	14	30	ISS daily planning conference
08/06/05	Sat	01:09 AM	10	14	30	Orbiter docking system leak checks
08/06/05	Sat	01:39 AM	10	15	00	Robinson exercises
08/06/05	Sat	01:54 AM	10	15	15	Centerline camera installation
08/06/05	Sat	01:54 AM	10	15	15	Group B computer powerup
08/06/05	Sat	02:39 AM	10	16	00	Undocking timeline begins
08/06/05	Sat	03:22 AM	10	16	43	Discovery undocks from ISS
08/06/05	Sat	03:54 AM	10	17	15	Flyaround begins
08/06/05	Sat	04:39 AM	10	18	00	Separation burn No. 1
08/06/05	Sat	04:59 AM	10	18	20	PMA-2 depressurization
08/06/05	Sat	05:03 AM	10	18	24	Separation burn No. 2 (193 X 186 nm)
08/06/05	Sat	05:29 AM	10	18	50	Group B computer powerdown
08/06/05	Sat	05:39 AM	10	19	00	STS crew meal
08/06/05	Sat	05:59 AM	10	19	20	ISS crew meal
08/06/05	Sat	06:39 AM	10	20	00	STS off-duty time begins
08/06/05	Sat	06:39 AM	10	20	00	Lawrence exercises
08/06/05	Sat	06:59 AM	10	20	20	ISS: Krikalev exercises
08/06/05	Sat	07:09 AM	10	20	30	Camarda exercises
08/06/05	Sat	07:39 AM	10	21	00	Collins exercises
08/06/05	Sat	08:09 AM	10	21	30	Thomas exercises
08/06/05	Sat	08:24 AM	10	21	45	ISS: Phillips exercises
08/06/05	Sat	08:39 AM	10	22	00	Noguchi exercises
08/06/05	Sat	12:39 PM	11	02	00	STS crew sleep begins
08/06/05	Sat	08:39 PM	11	10	00	STS crew wakeup
08/06/05	Sat	11:39 PM	11	13	00	Flight control system checkout
08/06/05	Sat	11:39 PM	11	13	00	Cabin stow begins
08/06/05	Sat	11:44 PM	11	13	05	Camarda exercises

08/07/05	Sun	12:39 AM	11	14	00	Thomas exercises
08/07/05	Sun	12:49 AM	11	14	10	Reaction control system hotfire test
08/07/05	Sun	01:14 AM	11	14	35	Noguchi exercises
08/07/05	Sun	01:34 AM	11	14	55	PILOT landing simulations (CDR, PLT, MS2)
08/07/05	Sun	01:59 AM	11	15	20	Lawrence exercises
08/07/05	Sun	02:34 AM	11	15	55	Robinson exercises
08/07/05	Sun	02:59 AM	11	16	20	Orbit adjust burn
08/07/05	Sun	04:14 AM	11	17	35	PAO event (all)
08/07/05	Sun	04:44 AM	11	18	05	STS crew meal
08/07/05	Sun	05:44 AM	11	19	05	L-1 comm checks
08/07/05	Sun	06:09 AM	11	19	30	Deorbit review
08/07/05	Sun	06:39 AM	11	20	00	Cabin stow resumes
08/07/05	Sun	06:59 AM	11	20	20	Kelly exercises
08/07/05	Sun	07:04 AM	11	20	25	White Sands communications check
08/07/05	Sun	07:44 AM	11	21	05	Collins exercises
08/07/05	Sun	08:44 AM	11	22	05	L-1 comm checks
08/07/05	Sun	08:49 AM	11	22	10	Ergometer stow
08/07/05	Sun	08:49 AM	11	22	10	PGSC FD-13 setup
08/07/05	Sun	09:09 AM	11	22	30	Wing leading edge sensor gear stow
08/07/05	Sun	09:19 AM	11	22	40	KU-band antenna stow (assumes clearance OK)
08/07/05	Sun	12:39 PM	12	02	00	STS crew sleep begins
08/07/05	Sun	08:39 PM	12	10	00	STS crew wakeup
08/07/05	Sun	10:44 PM	12	12	05	Group B powerup
08/07/05	Sun	10:59 PM	12	12	20	Inertial measurement unit alignment
08/07/05	Sun	10:59 PM	12	12	20	PGSC stow (part 2)
08/07/05	Sun	11:34 PM	12	12	55	Deorbit timeline begins
08/08/05	Mon	03:41 AM	12	17	02	Deorbit to KSC (rev. 201)
08/08/05	Mon	04:46 AM	12	18	07	Landing at KSC
						Compiled by William Harwood