Chapter 2 - Orbit Overview

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Introduction to Chapter 2

This chapter gives an overview of the NIMS observations in the E6 Orbit.

The text on pages 3 and 4 summarizes the NIMS science objectives for E6. The NIMS calibrations are discussed on page 4. Early data return and E6 playback are discussed on page 5.

The table on pages 6, 7 and 8 is a time-ordered listing of the NIMS Oapels for E6.

The plot on page 9 shows the geometry of the NIMS E6 observations using a north trajectory pole view projection. The plots on pages 10 and 11 show the geometry of the NIMS Satellite and Jupiter observations. The plot on page 12 shows the geometry of the NIMS E6 calibrations. The plot on page 13 shows the geometry of the NIMS RAM Reloads and MROs.

The table on pages 14 through 16 lists various NIMS E6 observing parameters: target latitude/longitude, range, cone angle, incidence angle (light), emission angle (view) and phase angle.

The spreadsheet on pages 17 through 19 summarizes the various inputs for the NIMS E6 Observations. The spreadsheet on pages 20 through 25 summarizes the resource usage for the NIMS E6 observations.

The tapemap on pages 26 through 29 shows the placement of the E6 observations on the spacecraft's tape recorder. The NIMS observation names are written with a larger type.

The timeline on pages 30 through 35 shows the preliminary E6 playback schedule.

The NIMS E6 mosaic designs are summarized on pages 36 through 42 in time-order.

NIMS E6 Science Overview

Io Science

The Io monitoring campaign continues in the E6 orbit. It consists of CHEMIS, THRMAL, and VOLCAN observations. The CHEMIS observations concentrate on Io's dayside; searching for chemical changes such as SO2 distribution. The THRMAL observations are designed to monitor Io's nightside in search of hot spots, thermal anomalies, and auroral effects. The VOLCAN observations will monitor time variations in volcanic activity of Loki, Pele, and other selected regions. The monitoring observations occur -1 to +1 day of Io closest approach. There will be one high spectral (408 wavelengths) global observation of Io just at closest approach.

Europa Science

There are four NIMS observations and one NIMS/SSI ride along observation of Europa in this orbit. The first, a global mosaic, is planned approximately 4 hrs before closest approach. The longitudes observed are 150 - 240 degrees which cover the trailing hemisphere. The global mosaic consists of four scans of which one scan will be played back. Two high spectral and spatial resolution observations are included in SUCOMP01 and SUCOMP02 observing a newly discovered impact crater and the North polar region, respectively. This observation is (TERINC01) is one of a set of NIMS global mosaics in which surface composition is the primary science objective. There are two observations planned within 45 minutes of Europa closest approach. The first of the two is targeted to the region of Argiope Linea; the objective is to determine the composition of the dark linea material. The second of the two observations will target the same region (new crater) as SSI, PPR and UVS. The SEAICE observation will aim to detect new ice (hexagonal ice crystals) versus old ice (homogeneous ice crystals). The ride along observation SBRTPLN01 with SSI is a joint effort to determine mineralogical composition in the northern hemisphere.

Ganymede Science

There is one Ganymede global observation of Ganymede's lit surface covering longitudes 230 to 360 degrees. The objective is to study the compositional units in a global context.

Callisto Science

There is one observation of Callisto within an hour of closest approach. This observation is a part of the set of distant global mosaics which will be used as a collaborative data set for comparison studies with recent IUE data and other NIMS data sets. The primary objectives are to determine composition and distribution of components over Callisto's surface. One real-time Callisto observation in this orbit provides 408 wavelength samples in the Equatorial region.

NIMS E6 Science Overview

Jupiter Science

NIMS conducts an intensive Feature Track Campaign during E6, focusing on White Oval BC, located at 107 degrees W. longitude (System III) and 33 degrees S. Latititude (planetographic). The vertical cloud structure, microphysical properties of cloud particles, water and ammonia gas content, and the abundances of dis-equilibrium species phosphine and germane are to be determined for this enigmatic long-lived cyclonic feature. To best address cloud microphysical properties (size, shape, composition), observations over eight phase angles are planned, the largest number of phase angles observed for any feature during the Galileo Tour. The specific phase angles are: 20, 38, 48, 64, 95, 124, 140, and 150 degrees. To address vertical distribution of gas and aerosols, several observations are conducted at most phase angles, sampling a variety of emission angles. In addition, two high-spectral-resolution maps are made with the feature on the nightside, enabling accurate determination of trace species abundances.

In all, 26 White Oval observations are recorded and sent down (three others are recorded, but not transmitted down to Earth). Due to timeline/sequencing constraints, four of these (the first observation of the 124, 140, and 150 degree phase angle data as well as the second 150 phase angle observation) are of the neighboring White Oval DE, located at 85 degrees W. Longitude, 33 degrees S. latitude. Portions of this feature (mostly the westernmost third) is also observed together with White Oval BC in five other OAPELS during 20, 38, and 48 degree phase angle observations: PFTB4801, PFTB4802, FEA02001, FEA02003, and FEA03801.

Ring Science

The Ring observation for NIMS has been deleted due to resource constraints.

Calibration

NIMS has three calibrations which include two Real-Time RCT calibrations and one recorded PCT calibration. The first RCT calibration will be taken after the +3 day OTM and one following the Apoapse OTM. Also, four dark observations are planned for the E6 orbit and will collect one RIM of data for each day of the NIMS science data taking in E6 in gain states 2, 3 and 4.

NIMS E6 Science Overview

Early Data Return

There are 15 realtime NIMS observations in E6: 7 instrument health checks of 3 wavelengths (HEALTH), 1 408 wavelength Jupiter Aurora observation (AURORA), 1 408 wavelength Jupiter Hotspot observation (RTHOTS), 1 8 wavelength Fixed Map Io observation (RTIMON), 1 408 wavelength Europa observation (EURORT), 1 408 wavelength Callisto observation (CALLRT), 2 RCT Calibrations and 1 OPCAL. The times for when these realtime observations will be returned can be found on page 1-05 of the NIMS Guide, but these realtime observations are subject to buffer dumps to tape.

E6 Playback

E6 playback is split into two passes through the all 4 tape tracks. One observations, E6ENSUCOMP02, uses two distinct playback edit tables to return the data in the two tape passes.

E6 Time-Ordered Listing

OAPEL	Start (UTC)	End (UTC)	Duration
E6NNCHOPON01-	97-049/11:30:02	97-049/11:40:09	000/00:10:06
E6JNAURORA01+	97-049/12:38:47	97-049/12:45:52	000/00:07:04
E6JNFEA06401-	97-050/11:55:08	97-050/12:02:13	000/00:07:04
E6JNFEA06402-	97-050/12:11:19	97-050/12:18:23	000/00:07:04
E6JNFEA06403-	97-050/13:19:03	97-050/13:26:08	000/00:07:04
E6NNHNDARK01-	97-050/20:11:36	97-050/20:18:40	000/00:07:04
E6INCHEMIS01-	97-050/20:29:48	97-050/20:35:52	000/00:06:04
E6NNHEALTH01-	97-050/21:31:28	97-050/21:37:32	000/00:06:04
E6NIMSP2LD01-	97-050/21:37:32	97-050/21:47:39	000/00:10:06
E6JNFEA04801-	97-050/21:48:06	97-050/21:51:41	000/00:03:35
E6JNFEA04802-	97-050/22:09:53	97-050/22:14:57	000/00:05:03
E6JNPFTB4801-	97-050/22:31:07	97-050/22:40:13	000/00:09:06
E6JNFEA04803-	97-050/23:35:50	97-050/23:43:35	000/00:07:45
E6JNPFTA4802-	97-050/23:43:55	97-050/23:52:15	000/00:08:19
E6JNPFTB4802-	97-050/23:52:35	97-051/00:01:07	000/00:08:32
E6JNRTHOTS01-	97-051/03:24:21	97-051/03:31:26	000/00:07:04
E6NIMSP2LD08-	97-051/03:48:37	97-051/03:57:50	000/00:09:12
E6INCHEMIS02-	97-051/03:57:54	97-051/04:07:50	000/00:09:56
E6NNHNDARK02-	97-051/05:17:36	97-051/05:24:40	000/00:07:04
E6JNFEA02001-	97-051/07:42:11	97-051/08:02:24	000/00:20:13
E6JNFEA02002-	97-051/08:12:31	97-051/08:17:34	000/00:05:03
E6NNHEALTH02-	97-051/08:17:41	97-051/08:23:38	000/00:05:57
E6NIMSP2LD02-	97-051/08:23:45	97-051/08:31:51	000/00:08:06
E6JNFEA02003-	97-051/08:31:54	97-051/08:49:55	000/00:18:01
E6JNFEA02004-	97-051/09:38:27	97-051/09:46:33	000/00:08:05
E6JNFEASUB01-	97-051/09:47:33	97-051/09:56:39	000/00:09:06
E6NIMSP2LD10-	97-051/11:39:48	97-051/11:49:54	000/00:10:06
E6ENEURORT01-	97-051/11:55:58	97-051/12:01:59	000/00:06:00
E6ENTERINC01-	97-051/12:02:02	97-051/12:39:24	000/00:37:21
E6INHRSPEC01-	97-051/12:39:27	97-051/12:46:31	000/00:07:04
E6INCHEMIS03-	97-051/14:07:25	97-051/14:14:30	000/00:07:04
E6NIMSP2LD09-	97-051/15:58:38	97-051/16:08:38	000/00:10:00

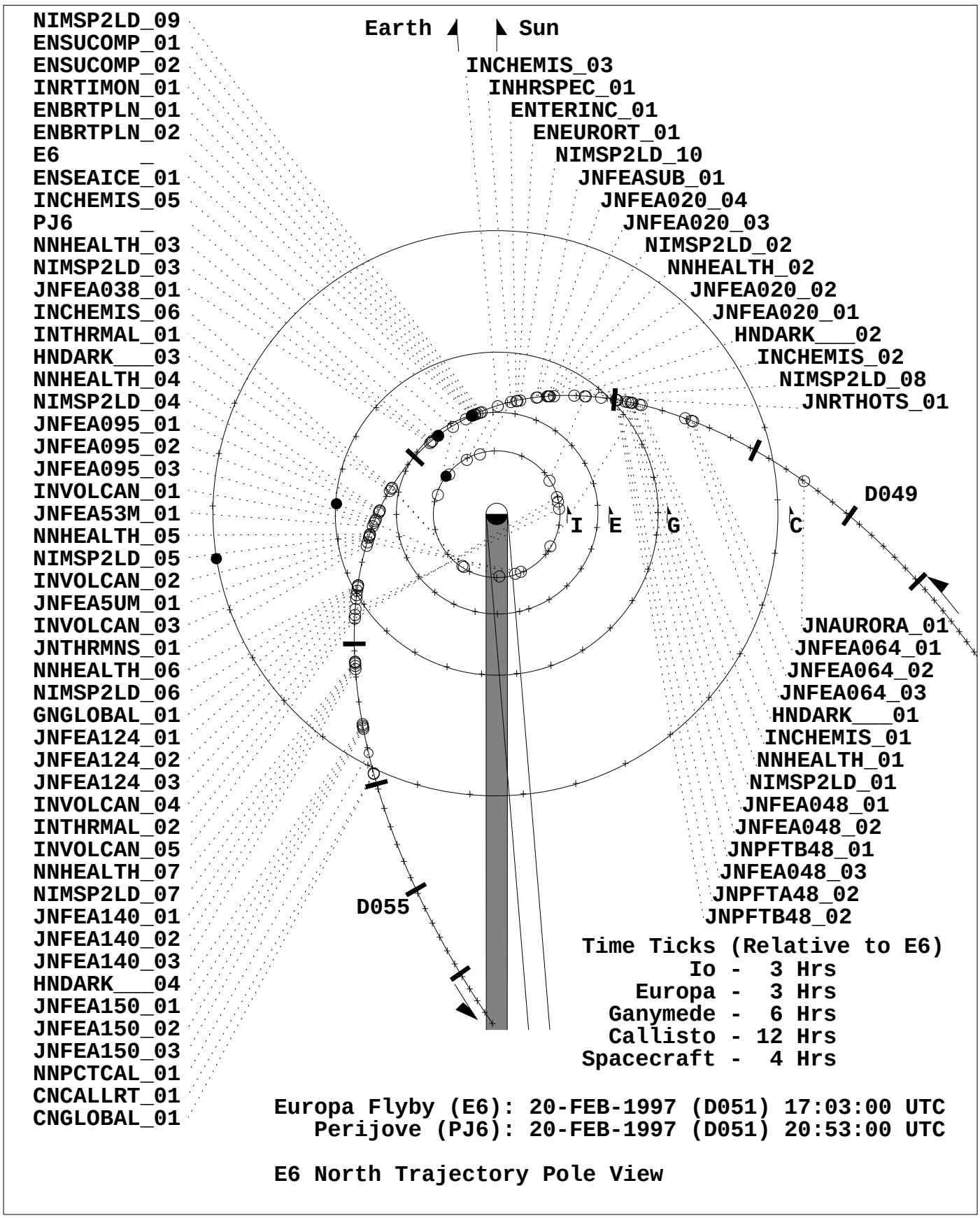
E6 Time-Ordered Listing

OAPEL	Start (UTC)	End (UTC)	Duration
E6ENSUCOMP01-	97-051/16:08:45	97-051/16:22:54	000/00:14:09
E6ENSUCOMP02-	97-051/16:26:57	97-051/16:40:05	000/00:13:08
E6INRTIMON01-	97-051/16:40:06	97-051/16:45:04	000/00:04:58
E6ENBRTPLN01+	97-051/16:45:09	97-051/16:48:11	000/00:03:02
E6ENBRTPLN02+	97-051/16:57:17	97-051/17:00:19	000/00:03:02
E6ENSEAICE01-	97-051/17:45:49	97-051/18:11:05	000/00:25:16
E6INCHEMIS05-	97-051/19:11:45	97-051/19:20:51	000/00:09:06
E6NNHEALTH03-	97-051/21:39:23	97-051/21:43:25	000/00:04:02
E6NIMSP2LD03-	97-051/21:48:29	97-051/21:58:35	000/00:10:06
E6JNFEA03801-	97-051/21:59:36	97-051/22:19:09	000/00:19:32
E6INCHEMIS06-	97-052/03:57:32	97-052/04:05:29	000/00:07:56
E6INTHRMAL01-	97-052/04:05:30	97-052/04:12:08	000/00:06:38
E6NNHNDARK03-	97-052/04:22:49	97-052/04:29:53	000/00:07:04
E6NNHEALTH04-	97-052/06:44:22	97-052/06:50:26	000/00:06:04
E6NIMSP2LD04-	97-052/06:50:26	97-052/07:00:33	000/00:10:06
E6JNFEA09501-	97-052/07:01:33	97-052/07:08:38	000/00:07:04
E6JNFEA09502-	97-052/07:49:05	97-052/07:56:09	000/00:07:04
E6JNFEA09503-	97-052/08:01:13	97-052/08:08:17	000/00:07:04
E6INVOLCAN01-	97-052/08:14:21	97-052/08:20:59	000/00:06:37
E6JNFEA53M01-	97-052/08:38:37	97-052/08:59:51	000/00:21:14
E6NNHEALTH05-	97-052/09:36:15	97-052/09:42:17	000/00:06:02
E6NIMSP2LD05-	97-052/09:42:19	97-052/09:52:26	000/00:10:06
E6INVOLCAN02-	97-052/09:53:27	97-052/10:01:18	000/00:07:51
E6JNFEA5UM01-	97-052/10:01:32	97-052/10:12:59	000/00:11:27
E6INVOLCAN03-	97-052/10:36:55	97-052/10:42:07	000/00:05:11
E6JNTHRMNS01-	97-052/11:02:12	97-052/11:38:36	000/00:36:24
E6NNHEALTH06-	97-052/15:59:28	97-052/16:04:31	000/00:05:03
E6NIMSP2LD06-	97-052/16:05:32	97-052/16:14:38	000/00:09:06
E6GNGLOBAL01-	97-052/16:15:32	97-052/16:43:47	000/00:28:14
E6JNFEA12401-	97-052/16:43:51	97-052/16:50:01	000/00:06:10
E6JNFEA12402-	97-052/17:17:19	97-052/17:24:24	000/00:07:04
E6JNFEA12403-	97-052/17:48:40	97-052/17:55:45	000/00:07:04

E6 Time-Ordered Listing

OAPEL	Start (UTC)	End (UTC)	Duration
E6INVOLCAN04-	97-052/19:10:34	97-052/19:14:37	000/00:04:02
E6INTHRMAL02-	97-052/19:58:05	97-052/20:04:09	000/00:06:04
E6INVOLCAN05-	97-052/20:28:25	97-052/20:33:38	000/00:05:12
E6NNHEALTH07-	97-053/02:42:32	97-053/02:48:36	000/00:06:04
E6NIMSP2LD07-	97-053/02:48:36	97-053/02:58:43	000/00:10:06
E6JNFEA14001-	97-053/02:59:43	97-053/03:06:48	000/00:07:04
E6JNFEA14002-	97-053/03:22:59	97-053/03:30:03	000/00:07:04
E6JNFEA14003-	97-053/03:50:17	97-053/03:57:21	000/00:07:04
E6NNHNDARK04-	97-053/12:51:13	97-053/12:57:27	000/00:06:14
E6JNFEA15001-	97-053/13:07:24	97-053/13:14:29	000/00:07:04
E6JNFEA15002-	97-053/13:24:35	97-053/13:31:40	000/00:07:04
E6JNFEA15003-	97-053/13:41:47	97-053/13:48:51	000/00:07:04
E6NNPCTCAL01-	97-053/18:05:41	97-053/21:05:39	000/02:59:58
E6CNCALLRT01-	97-053/21:55:12	97-053/22:02:17	000/00:07:04
E6CNGLOBAL01-	97-053/22:03:17	97-053/22:17:27	000/00:14:09
E6NCHOPOFF01-	97-053/22:26:33	97-053/22:36:39	000/00:10:06
E6NNSHDOFF01-	97-054/03:10:40	97-055/15:52:52	001/12:42:12
E6NNRCTRLT01-	97-055/15:52:52	97-056/05:08:37	000/13:15:44
E6NNSHDOFF02-	97-072/12:55:55	97-074/01:38:07	001/12:42:12
E6NNRCTRLT02-	97-074/01:38:07	97-074/14:53:52	000/13:15:44
E6NNOPCAL_01-	97-086/00:07:01	97-086/00:26:14	000/00:19:12

NIMS E6 OBSERVATIONS

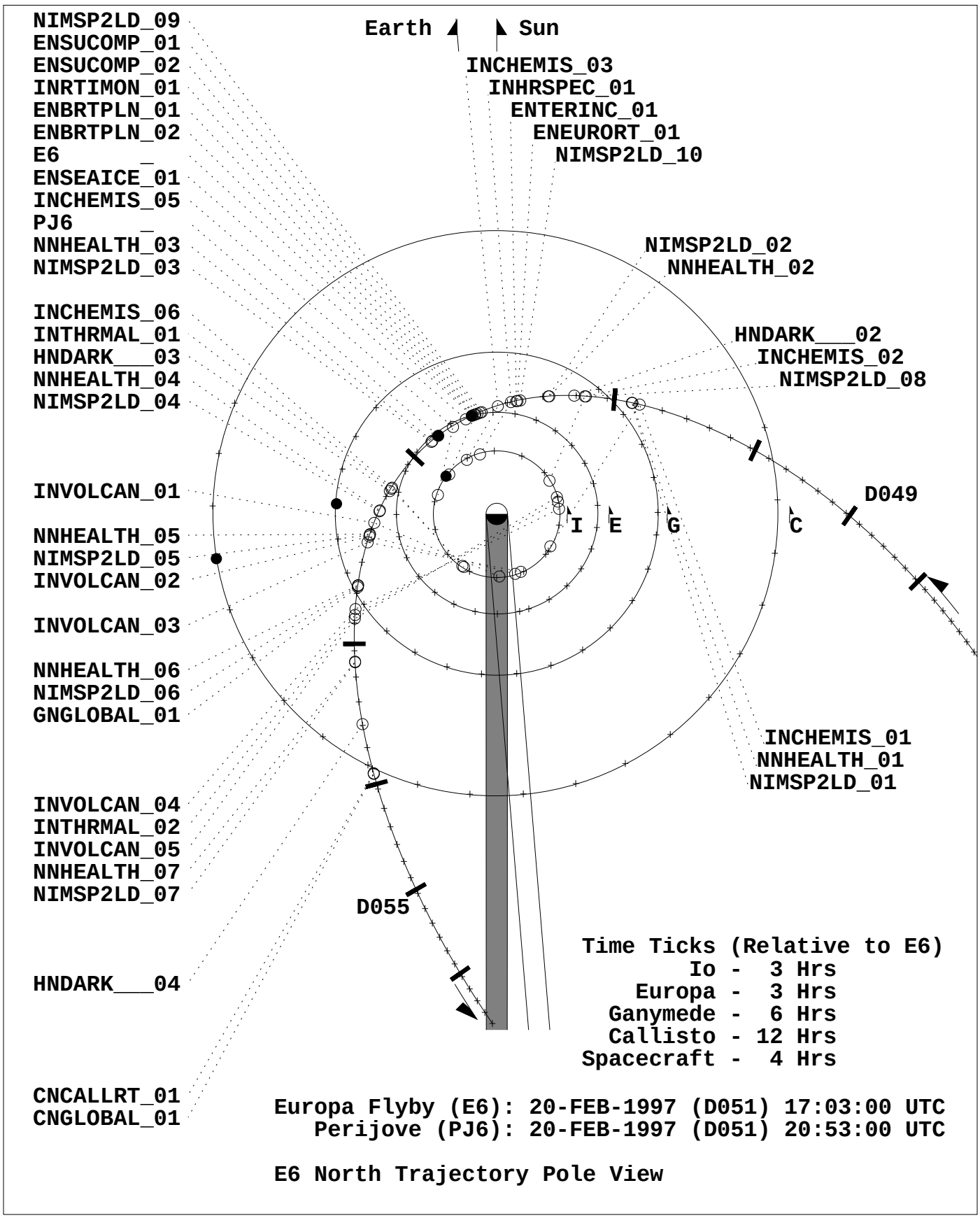


Europa Flyby (E6): 20-FEB-1997 (D051) 17:03:00 UTC
Perijove (PJ6): 20-FEB-1997 (D051) 20:53:00 UTC

E6 North Trajectory Pole View

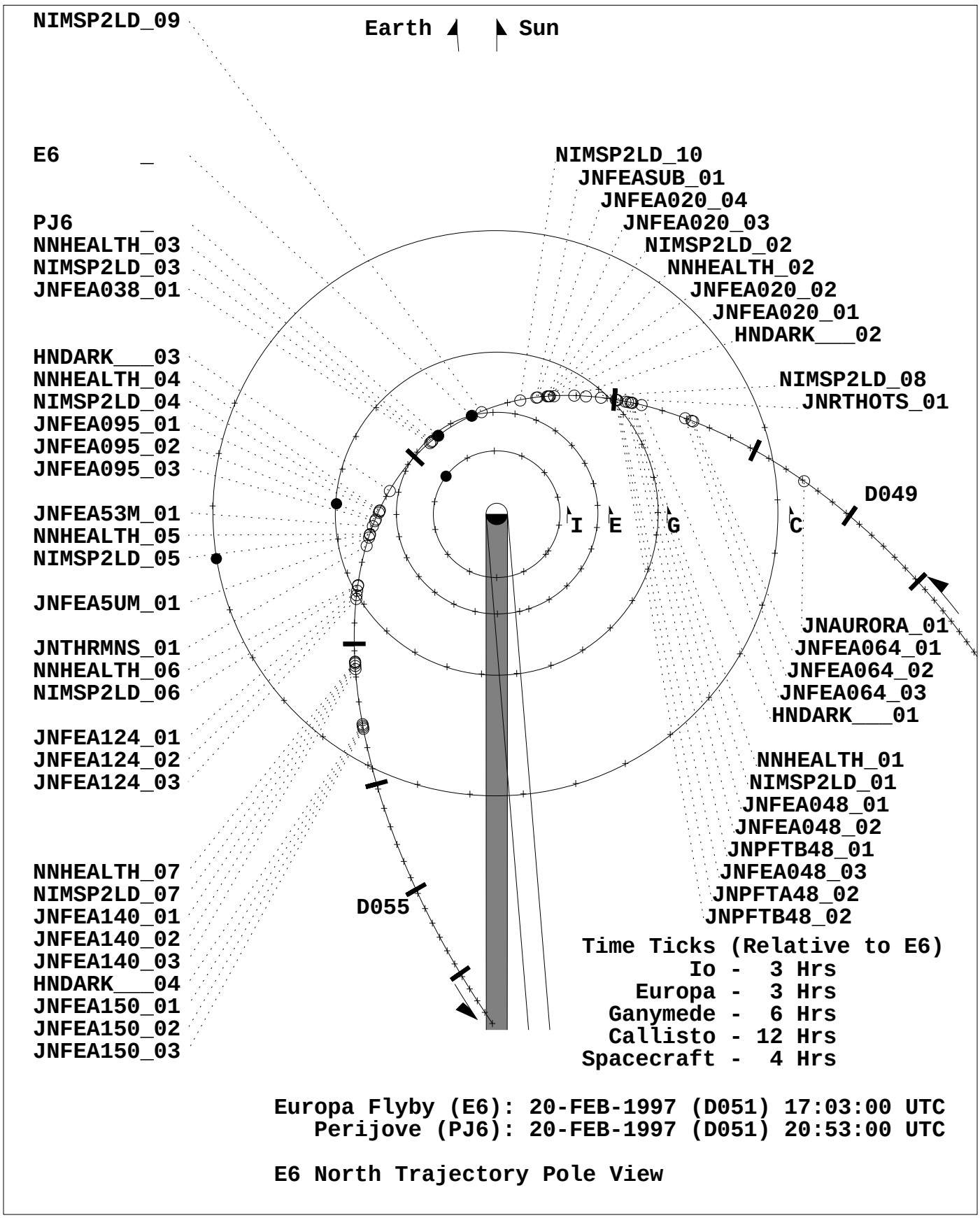
NIMS - FEL - 02/13/97

NIMS E6 SATELLITE OBSERVATIONS



NIMS - FEL - 02/13/97

NIMS E6 JUPITER OBSERVATIONS



Europa Flyby (E6): 20-FEB-1997 (D051) 17:03:00 UTC
Perijove (PJ6): 20-FEB-1997 (D051) 20:53:00 UTC

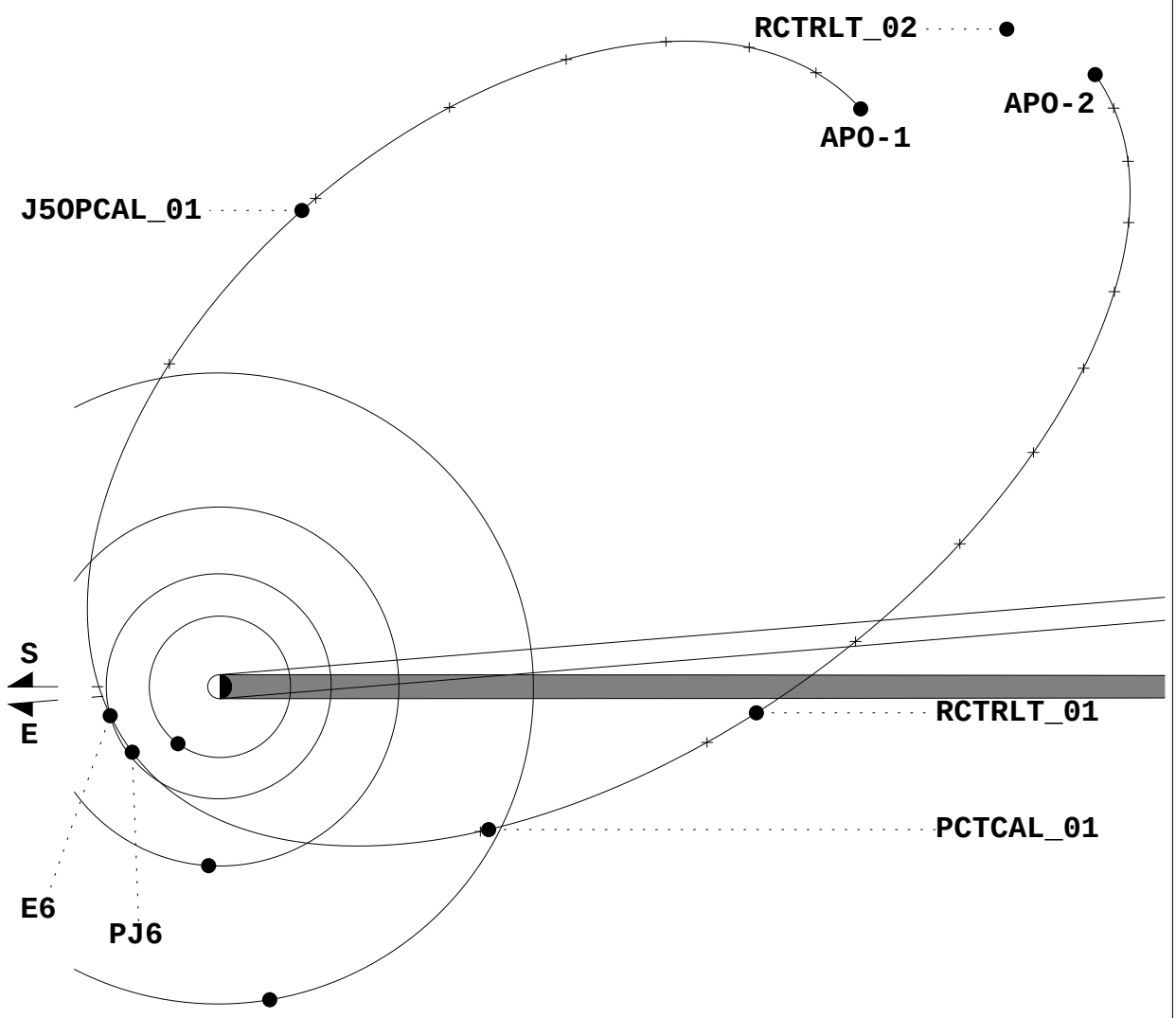
E6 North Trajectory Pole View

NIMS - FEL - 02/13/97

NIMS E6 CALIBRATIONS

Europa Flyby (E6): 20-FEB-1997 (D051) 17:07:15 UTC
Perijove (PJ6): 20-FEB-1997 (D051) 20:55:15 UTC

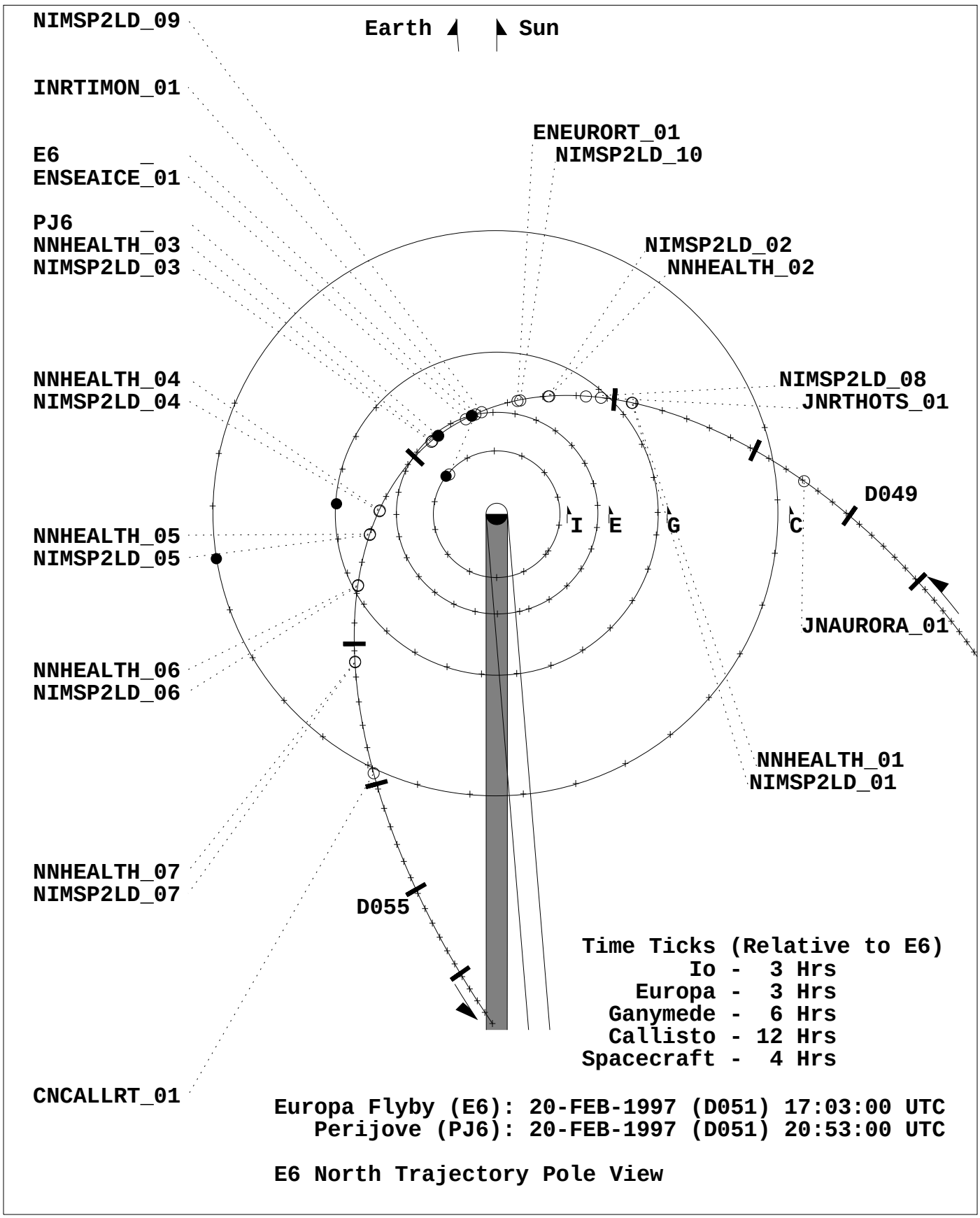
Time Ticks (Relative to E6)
Spacecraft - 2 Days



E6 North Trajectory Pole View, Apoapsis to Apoapsis

NIMS - FEL - 02/13/97

NIMS E6 RAM RELOADS



NIMS - FEL - 02/13/97

NIMS E6 OBSERVING GEOMETRY

OAPEL	Latitude (deg)	Longitude (deg)	Range (km)	Cone (deg)	Light (deg)	View (deg)	Phase (deg)
E6JNAURORA01	60	----------	2090K	90	122	90	----------
E6JNFEA06401	-36 to -28	85 to 98	1384K	109	67 to 79	34 to 36	64
E6JNFEA06402	-36 to -28	85 to 98	1377K	109	59 to 71	34 to 36	64
E6JNFEA06403	-36 to -28	80 to 100	1362K	109	33 to 42	48 to 64	65
E6INCHEMIS01	-90 to +90	----------	1116K	142	--------	--------	---------
E6JNFEA04801	-35 to -29	85 to 97	1105K	125	70 to 81	38 to 45	49
E6JNFEA04802	-35 to -29	98 to 110	1095K	126	69 to 80	38 to 45	48
E6JNPFTB4801	-40 to -20	87 to 110	1074K	125	46 to 67	27 to 30	48
E6JNFEA04803	-35 to -29	83 to 98	1060K	125	32 to 35	47 to 59	49
E6JNPFTA4802	-40 to -20	83 to 114	1050K	125	24 to 34	33 to 55	48
E6JNPFTB4802	-40 to -20	86 to 114	1050K	125	24 to 31	36 to 61	48
E6JNRTHOTS01	6.5	211	950K	133	13	53	41
E6INCHEMIS02	-90 to +90	60 to 240	600K	152	20 to 112	19 to 90	22
E6JNFEA02001	-45 to -17	80 to 110	830K	151	59 to 85	40 to 65	22
E6JNFEA02002	-35 to -29	86 to 96	810K	152	57 to 65	44 to 51	22
E6JNFEA02003	-40 to -25	85 to 125	800K	154	40 to 75	31 to 60	20
E6JNFEA02004	-35 to -29	100 to 109	763K	154	34 to 37	34 to 36	20
E6JNFEASUB01	-35 to -29	86 to 96	763K	154	32 to 34	38 to 45	20

NIMS E6 OBSERVING GEOMETRY

OAPEL	Latitude (deg)	Longitude (deg)	Range (km)	Cone (deg)	Light (deg)	View (deg)	Phase (deg)
E6ENEURORT01	0	216	101K	139	41	6	35
E6ENTERINC01	-90 to +90	140 to 260	99K	138	55 to 112	56 to 90	35
E6INHRSPEC01	-90 to +90	150 to 330	402K	142	3 to 90	2 to 90	31
E6INCHEMIS03	-90 to +90	150 to 250	409K	143	--------	--------	---------
E6ENSUCOMP01	-37 to -22	260 to 270	15K	133	69 to 78	35 to 44	41
E6ENSUCOMP02	+18 to +22	195 to 207	9K	119	21	49 to 63	52 to 58
E6INRTIMON01	-20 to +40	285 to 345	432K	150	60 to 113	37 to 90	24
E6ENBRTPLN01	+9 to +11	270 to 275	5.4K	125	77	35	49
E6ENBRTPLN02	+14 to +17	273 to 274	2.1K	97	78	48	78
E6ENSEAICE01	-5 to +5	110 to 140	150K	34	60 to 90	62 to 92	150 to 152
E6INCHEMIS05	-90 to +90	180 to 260	465K	161	0 to 63	8 to 76	15
E6JNFEA03801	-40 to -25	85 to 122	600K	145	60 to 91	34 to 58	41
E6INCHEMIS06	-90 to +90	230 to 360	703K	144	54 to 107	35 to 90	41
E6INTHRMAL01	-90 to +90	200 to 260	709K	143	75 to 126	44 to 90	43
E6JNFEA09501	-37 to -29	86 to 97	747K	94	55 to 64	48 to 56	93
E6JNFEA09502	-37 to -29	88 to 96	755K	92	79 to 87	37 to 40	94
E6JNFEA09503	-37 to -29	89 to 98	759K	92	84 to 91	36 to 38	94
E6INVOLCAN01	-90 to +90	210 to 280	911K	119	110 to 127	90	---------
E6JNFEA53M01	-37 to -29	85 to 97	780K	91	103 to 120	37 to 48	95

NIMS E6 OBSERVING GEOMETRY

OAPEL	Latitude (deg)	Longitude (deg)	Range (km)	Cone (deg)	Light (deg)	View (deg)	Phase (deg)
E6INVOLCAN02	-90 to +90	230 to 290	1004K	111	100 to 124	90	---------
E6JNFEA5UM01	-37 to -29	69 to 106	840K	89	135 to 144	59 to 92	97
E6INVOLCAN03	-90 to +90	230 to 290	1040K	107	103 to 118	90	---------
E6JNTHRMNS01	-90 to +90	186	835K	82	113	10	104
E6GNGLOBAL01	-90 to +90	210 to 360	320K	152	59 to 121	25 to 90	34
E6JNFEA12401	-37 to -27	71 to 102	1050K	64	45 to 69	64 to 90	122
E6JNFEA12402	-37 to -27	82 to 105	1050K	63	59 to 78	57 to 76	123
E6JNFEA12403	-37 to -27	85 to 99	1050K	63	78 to 91	46 to 57	123
E6INVOLCAN04	-90 to +90	230 to 290	1520K	70	94 to 106	90	---------
E6INTHRMAL02	-90 to +90	75 to 250	1560K	67	---------	--------	---------
E6INVOLCAN05	-90 to +90	75 to 250	1580K	65	72 to 108	90	---------
E6JNFEA14001	-37 to -27	62 to 98	1350K	47	57 to 87	59 to 90	139
E6JNFEA14002	-37 to -27	77 to 112	1370K	47	57 to 87	60 to 90	140
E6JNFEA14003	-37 to -27	86 to 116	1370K	46	67 to 93	55 to 81	140
E6JNFEA15001	-40 to -25	60 to 97	1650K	36	64 to 95	60 to 91	150
E6JNFEA15002	-40 to -25	70 to 107	1655K	36	64 to 96	60 to 91	150
E6JNFEA15003	-40 to -25	75 to 117	1660K	36	65 to 101	56 to 91	150
E6CNCALLRT01	5	53	275K	47	87	40	126
E6CNGLOBAL01	-25 to +50	0 to 60	275K	47	90 to 120	31 to 48	127

NIMS E6 Inputs

ACTID	N_DESCR	Record Table	Playback Table	N_CMODE	Gain	N_GSTART	N_GOF	Record Mode
E6TNAURORA01+	Aurora observation	E6JLM442	R/T	LM	4	0	4	R/T
E6JNFEA06401-	Jupiter Feature Track 64 deg phase pt 1	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNFEA06402-	Jupiter Feature Track 64 deg phase pt 2	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6JNFEA06403-	Jupiter Feature Track 64 deg phase pt 3	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6NNHNDARK01-	Dark Observation	E6DRK34	E6DRK32	LM	2	0	4	LPU
E6INCHEMIS01-	Monitoring of IO's Dayside	E6ILM245	E6ILM96	LM	2	0	4	MPW
E6NNHEALTH01-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD01	NIMS Reload							
E6JNFEA04801-	Jupiter Feature Track 48 deg phase pt 1	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNFEA04802-	Jupiter Feature Track 48 deg phase pt 2	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNPFTB4801-	Jupiter Feature Track B 48 deg part 1	E6JFT68C	E6JFT04A	SM	2	1	4	LPU
E6JNFEA04803-	Jupiter Feature Track 48 deg phase pt 3	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNPFTA4802-	Jupiter Feature Track A 48 deg part 2	E6JFT68C	E6JFT19A	SM	2	1	4	LPU
E6JNRTHOTS01-	Jupiter Real-time Hotspot	E6JLM442	R/T	LM	2	0	4	R/T
E6NIMSP2LD08	NIMS Reload							
E6INCHEMIS02-	Monitoring of IO's Dayside	E6ILM442	E6ILM96	LM	2	0	4	MPW
E6NNHNDARK02-	Dark Observation	E6DRK34	E6DRK32	LM	2	0	4	LPU
E6JNFEA02001-	Jupiter Feature Track 20 deg phase pt 1	E6JFT68C	E6JFT20A	SM	2	1	4	LPU
E6JNFEA02002-	Jupiter Feature Track 20 deg phase pt 2	E6JFT68C	E6JFT25A	SM	2	1	4	LPU
E6NNHEALTH02-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD02	NIMS Reload							
E6JNFEA02003-	Jupiter Feature Track 20 deg phase pt 3	E6JFT68C	E6JFT25A	SM	2	1	4	LPU
E6JNFEA02004-	Jupiter Feature Track 20 deg phase pt 4	E6JFT68C	E6JFT25A	SM	2	0	4	LPU
E6JNFEASUB01-	Jupiter Campaign Feature sub-spectra	E6JSB253A	E6JSB80A	LM	2	0	4	LPU
E6NIMSP2LD10	NIMS Reload							
E6ENEURORT01-	Europa Real-Time Observation	E6ELM442	R/T	LM	2	0	4	R/T
E6ENTERINC01-	Europa Terra Incognito	E6EFM221	E6EFM192	FM	2	0	4	MPW
E6ENTERINC01-		E6EFM221	E6EFM192	FM	2	0	4	MPW
E6INHRSPEC01-	High spatial and spectral Obs of IO	E6ILM245	E6ILM216	LM	2	0	4	MPW
E6INCHEMIS03-	Monitoring of IO's Dayside	E6ILM245	E6ILM96	LM	2	1	4	LPU
E6NIMSP2LD09	NIMS Reload							
E6ENSUCOMP01-	Europa Surface Composition	E6ELM442	E6ELM192	LM	3	0	4	MPW
E6ENSUCOMP02-	Europa Surface Composition	E6ELM442	E6ELM192	LM	3	0	4	MPW
E6INRTIMON01-	NIMS Io Real-Time Observation	E6IXM8RTB	R/T	XM	2	21	4	R/T
E6ENBRTPLN01+	BRTPLN Ride-Along with SSI	E6ELM442	E6ELM384	LM	2	0	4	MPW
E6ENBRTPLN02+	BRTPLN Ride-Along with SSI	E6ELM442	E6ELM384	LM	2	0	4	MPW
E6ENSEAICE01-	Europa Hexangonal Ice	E6EXM10B	E6EXM10B	XM	3	0	4	LPU
E6INCHEMIS05-	Monitoring of IO's Dayside	E6ILM245	E6ILM96	LM	2	0	4	LPU
E6NNHEALTH03-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T

NIMS E6 Inputs

ACTID	N_DESCR	Record Table	Playback Table	N_CMODE	Gain	N_GSTART	N_GOF	Record Mode
E6NIMSP2LD03	NIMS Reload							
E6JNFEA03801-	Jupiter Feature Track 38 deg phase pt 1	E6JFT68C	E6JFT04A	SM	2	1	4	LPU
E6INCHEMIS06-	Monitoring of IO's Dayside	E6ILM245	E6ILM96	LM	2	0	4	LPU
E6INTHRMAL01-	Monitoring of IO's Nightside	E6ILMDK245	E6ILMDK96	LM	4	0	4	LPU
E6NNHNDARK03-	Dark Observation	E6DRK34	E6DRK32	LM	4	0	4	LPU
E6NNHEALTH04-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD04	NIMS Reload							
E6JNFEA09501-	Jupiter Feature Track 95 deg phase pt 1	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNFEA09502-	Jupiter Feature Track 95 deg phase pt 2	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6JNFEA09503-	Jupiter Feature Track 95 deg phase pt 3	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6INVOLCAN01-	Monitoring of Selected Volcanic Regions	E6ILMDK245	E6ILMDK10B	LM	4	0	4	LPU
E6JNFEA53M01-	Jupiter Campaign Feature 5 and 3 um Map	E6J35160	E6J35160	LM	4	0	4	LPU
E6NNHEALTH05-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD05	NIMS Reload							
E6INVOLCAN02-	Monitoring of Selected Volcanic Regions	E6ILMDK245	E6ILMDK10B	LM	4	0	4	LPU
E6JNFEA5UM01-	Jupiter Feature Track 5 Micron Map 2	E6J5M253B	E6J5M80B	LM	4	0	4	LPU
E6INVOLCAN03-	Monitoring of Selected Volcanic Regions	E6ILMDK245	E6ILMDK10B	LM	4	0	4	LPU
E6JNTHRMNS01-	Jupiter Thermal North South Stripe	E6J5M253A	E6J5M80A	LM	4	0	4	LPU
E6NNHEALTH06-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD06	NIMS Reload							
E6GNGLOBAL01-	NIMS Ganymede Global	E6GLM245D	E6GLM192	LM	3	0	4	LPU
E6JNFEA12401-	Jupiter Feature Track 124 deg phase pt 1	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6JNFEA12402-	Jupiter Feature Track 124 deg phase pt 2	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6JNFEA12403-	Jupiter Feature Track 124 deg phase pt 3	E6JFT68A	E6JFT04A	SM	2	1	4	LPU
E6INVOLCAN04-	Monitoring of Selected Volcanic Regions	E6ILMDK245	E6ILMDK10B	LM	4	0	4	LPU
E6INTHRMAL02-	Monitoring of IO's Nightside	E6ILMDK245	E6ILMDK96	LM	4	0	4	LPU
E6INVOLCAN05-	Monitoring of Selected Volcanic Regions	E6ILMDK245	E6ILMDK10B	LM	4	0	4	LPU
E6NNHEALTH07-	Health Observation	E6RCVY3	R/T	LM	2	0	4	R/T
E6NIMSP2LD07	NIMS Reload							
E6JNFEA14001-	Jupiter Feature Track 140 deg phase pt 1	E6JFT68B	E6JFT19D	SM	2	1	4	LPU
E6JNFEA14002-	Jupiter Feature Track 140 deg phase pt 2	E6JFT68B	E6JFT19D	SM	2	1	4	LPU
E6JNFEA14003-	Jupiter Feature Track 140 deg phase pt 3	E6JFT68B	E6JFT19D	SM	2	1	4	LPU
E6NNHNDARK04-	Dark Observation	E6DRK34	E6DRK32	LM	2	0	4	LPU
E6JNFEA15001-	Jupiter Feature Track 150 deg phase pt 1	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6JNFEA15002-	Jupiter Feature Track 150 deg phase pt 2	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6JNFEA15003-	Jupiter Feature Track 150 deg phase pt 3	E6JFT68A	E6JFT20A	SM	2	1	4	LPU
E6NNPCTCAL01	PCT Recorded Calibration	E6PCT252	E6PCT228		4			LPU
E6CNCALLRT01-	Callisto Real-Time Observation	E6CLM442	R/T	LM	4	0	4	R/T
E6CNGLOBAL01-	Callisto Global Observation	E6CLM442	E6CLM192	LM	4	0	4	MPW
E6NNRCTRLT01		E6RCT252	R/T		1			

NIMS E6 Inputs

ACTID	N_DESCR	Record Table	Playback Table	N_CMODE	Gain	N_GSTART	N_GOF	Record Mode
E6NNRCTRLT02		E6RCT252	R/T		1			
E6NNOPCAL_01		E6OPCAL120	R/T		4			
E6JNPFTB4802-	Jupiter Feature Track B 48 deg part 2	E6JFT68C	E6JFT20A	SM	2	1	4	LPU
E6INCHEMIS02-	Monitoring of IO's Dayside	E6ILM442	E6ILM384	LM	2	0	4	MPW
E6JNFEA02001-	Jupiter Feature Track 20 deg phase pt 1	E6JFT68C	E6JFT20A	SM	2	1	4	LPU
E6JNFEA02003-	Jupiter Feature Track 20 deg phase pt 3	E6JFT68C	E6JFT25A	SM	2	1	4	LPU
E6ENTERINC01-	Europa Terra Incognito	E6EFM221	E6EFM192	FM	2	0	4	MPW
E6ENTERINC01-		E6EFM221	E6EFM192	FM	2	0	4	MPW
E6INHRSPEC01-	High spatial and spectral Obs of IO	E6ILM245	E6ILM216	LM	2	0	4	MPW
E6ENSUCOMP01-	Europa Surface Composition	E6ELM442	E6ELM192	LM	3	0	4	MPW
E6ENSUCOMP02-	Europa Surface Composition	E6ELM442	E6ELM96	LM	3	0	4	MPW
E6ENSEAICE01-	Europa Hexangonal Ice	E6EXM10B	E6EXM10B	XM	3	0	4	LPU
E6JNFEA03801-	Jupiter Feature Track 38 deg phase pt 1	E6JFT68C	E6JFT25A	SM	2	1	4	LPU
E6JNFEA53M01-	Jupiter Campaign Feature 5 and 3 um Map	E6J35160	E6J35160	LM	4	0	4	LPU
E6JNTHRMNS01-	Jupiter Thermal North South Stripe	E6J5M253A	E6J5M80A	LM	4	0	4	LPU
E6GNGLOBAL01-	NIMS Ganymede Global	E6GLM245D	E6GLM192	LM	3	0	4	LPU
E6CNGLOBAL01-	Callisto Global Observation	E6CLM442	E6CLM192	LM	4	0	4	MPW

NIMS E6 Resource Tables

ACTID	NIMS mode	Record mode	Tics	Obs. Cost (tracks)	Number wavelength returned	Observation record time (sec)	Observation playback time (sec)	Selected Bits of Tape sBOT (Mbits)	Total Bits of Tape BOT (Mbits)	Mode cycle time (sec)
E6TNAURORA01+	LM	R/T								
E6JNFEA06401-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6JNFEA06402-	SM	LPU	25.3776	0.0038	20	104	100	0.62	0.64	2.33
E6JNFEA06403-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6NNHNDARK01-	LM	LPU	16.2360	0.0025	32	65	61	0.38	0.40	8.667
E6INCHEMIS01-	LM	MPW	97.9212	0.0139	96	108	104	1.20	1.24	8.667
E6NNHEALTH01-										
E6NIMSP2LD01										
E6JNFEA04801-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6JNFEA04802-	SM	LPU	25.3776	0.0038	20	104	14	0.09	0.64	2.33
E6JNPFTB4801-	SM	LPU	98.8222	0.0143	4	417.33	413.33	2.55	2.57	2.33
E6JNFEA04803-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6JNPFTA4802-	SM	LPU	76.9456	0.0112	19	324	14	0.09	2.00	2.33
E6JNRTHOTS01-	LM	R/T								
E6NIMSP2LD08										
E6INCHEMIS02-	LM	MPW	191.0846	0.0273	384	214	120	1.38	2.47	8.667
E6NNHNDARK02-	LM	LPU	16.2360	0.0025	32	65	61	0.38	0.40	8.667
E6JNFEA02001-	SM	LPU	203.5216	0.0293	20	864	648	4.00	5.33	2.33
E6JNFEA02002-	SM	LPU	25.3776	0.0038	25	104	100	0.62	0.64	2.33
E6NNHEALTH02-										
E6NIMSP2LD02										
E6JNFEA02003-	SM	LPU	203.5216	0.0293	25	864	212	1.31	5.33	2.33
E6JNFEA02004-	SM	LPU	25.3776	0.0038	25	104	14	0.09	0.64	2.33
E6JNFEASUB01-	LM	LPU	87.2592	0.0127	80	368	364	2.25	2.27	8.667
E6NIMSP2LD10										
E6ENEURORT01-		R/T								
E6ENTERINC01A-	FM	MPW	1729.1596	0.2477	192	1964	0	0.00	22.63	4.333
E6ENTERINC01B-	FM	MPW			192	1964	251	2.89		4.333
E6INHRSPEC01-	LM	MPW	258.4962	0.0369	216	290.7	130	1.50	3.35	8.667
E6INCHEMIS03-	LM	LPU	68.5072	0.0100	96	288	0	0.00	1.78	8.667
E6ENSUCOMP01-	LM	MPW	433.0458	0.0619	192	489.3	253	2.91	5.64	8.667
E6ENSUCOMP02-	LM	MPW	433.0458	0.0619	192	489.3	486	5.60	5.64	8.667
E6INRTIMON01-	LM	R/T		0.0003	8					8.667
E6ENBRTPLN01+	LM	MPW	31.7251	0.0044	384	32.683	32	0.37	0.38	8.667
E6ENBRTPLN02+	LM	MPW	39.3460	0.0055	384	41.354	40	0.46	0.48	8.667
E6ENSEAICE01-	XM	LPU	113.5120	0.0164	10	480	63.4	0.39	2.96	0.333
E6INCHEMIS05-	LM	LPU	62.2567	0.0091	96	261.334	0	0.00	1.61	8.667
E6NNHEALTH03-										
E6NIMSP2LD03										

NIMS E6 Resource Tables

ACTID	NIMS mode	Record mode	Tics	Obs. Cost (tracks)	Number wavelength returned	Observation record time (sec)	Observation playback time (sec)	Selected Bits of Tape sBOT (Mbits)	Total Bits of Tape BOT (Mbits)	Mode cycle time (sec)
E6JNFEA03801-	SM	LPU	203.5216	0.0293	25	864	432	2.66	5.33	2.33
E6INCHEMIS06-	LM	LPU	40.3792	0.0059	96	168	164	1.01	1.04	8.667
E6INTHRMAL01-	LM	LPU	18.1886	0.0028	192	73.33	0	0.00	0.45	8.667
E6NNHNDARK03-	LM	LPU	16.2360	0.0025	32	65	61	0.38	0.40	8.667
E6NNHEALTH04-										
E6NIMSP2LD04										
E6JNFEA09501-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6JNFEA09502-	SM	LPU	25.3776	0.0038	20	104	100	0.62	0.64	2.33
E6JNFEA09503-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6INVOLCAN01-	LM	LPU	19.7520	0.0030	50	80	76	0.47	0.49	8.667
E6JNFEA53M01-	LM	LPU	87.2592	0.0127	160	368	191	1.18	2.27	8.667
E6NNHEALTH05-										
E6NIMSP2LD05										
E6INVOLCAN02-	LM	LPU	24.6041	0.0037	10	100.7	96.67	0.60	0.62	8.667
E6JNFEA5UM01-	LM	LPU	87.2592	0.0127	80	368	364	2.25	2.27	8.667
E6INVOLCAN03-	LM	LPU	15.2281	0.0023	10	60.7	56.67	0.35	0.37	8.667
E6JNTHRMNS01-	LM	LPU	421.3566	0.0605	80	1793.33	1040	6.41	11.06	8.667
E6NNHEALTH06-										
E6NIMSP2LD06										
E6GNGLOBAL01-	LM	LPU	336.3561	0.0484	192	1430.7	478	2.95	8.82	8.667
E6JNFEA12401-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6JNFEA12402-	SM	LPU	25.3776	0.0038	20	104	100	0.62	0.64	2.33
E6JNFEA12403-	SM	LPU	25.3776	0.0038	4	104	100	0.62	0.64	2.33
E6INVOLCAN04-	LM	LPU	11.3136	0.0018	10	44	40	0.25	0.27	8.667
E6INTHRMAL02-	LM	LPU	30.3774	0.0045	96	125.33	0	0.00	0.77	8.667
E6INVOLCAN05-	LM	LPU	30.3703	0.0045	10	125.3	121.33	0.75	0.77	8.667
E6NNHEALTH07-										
E6NIMSP2LD07										
E6JNFEA14001-	SM	LPU	25.3776	0.0038	19	104	100	0.62	0.64	2.33
E6JNFEA14002-	SM	LPU	25.3776	0.0038	19	104	100	0.62	0.64	2.33
E6JNFEA14003-	SM	LPU	25.3776	0.0038	19	104	100	0.62	0.64	2.33
E6NNHNDARK04-	LM	LPU	16.2360	0.0025	32	65	61	0.38	0.40	8.667
E6JNFEA15001-	SM	LPU	23.9009	0.0036	20	97.7	93.667	0.58	0.60	2.33
E6JNFEA15002-	SM	LPU	23.9009	0.0036	20	97.7	93.667	0.58	0.60	2.33
E6JNFEA15003-	SM	LPU	23.9712	0.0036	20	98	94	0.58	0.60	2.33
E6NNPCTCAL01-	LM	LPU	132.9672	0.0192	228	563	60.667	0.37	3.47	8.667
E6CNCALLRT01-	LM	R/T			384					
E6CNGLOBAL01-	LM	MPW	443.0389	0.0634	192	500.67	121	1.39	5.77	8.667
	LM									
	LM									

NIMS E6 Resource Tables

ACTID	NIMS mode	Record mode	Tics	Obs. Cost (tracks)	Number wavelength returned	Observation record time (sec)	Observation playback time (sec)	Selected Bits of Tape sBOT (Mbits)	Total Bits of Tape BOT (Mbits)	Mode cycle time (sec)
	LM									
E6JNPFTB4802-	SM	LPU	98.8222	0.0143	20	417.33	413.33	2.55	2.57	2.33
E6INCHEMIS02-	LM	MPW	191.0846	0.0273	384	214	98	1.13	2.47	8.667
E6JNFEA02001-	SM	LPU	203.5216	0.0293	20	864	216	1.33	5.33	2.33
E6JNFEA02003-	SM	LPU	203.5216	0.0293	25	864	620	3.82	5.33	2.33
E6ENTERINC01A-	FM	MPW	1729.1596	0.2477	192	1964	0	0.00	22.63	4.333
E6ENTERINC01B-	FM	MPW			192	1964	247	2.85		4.333
E6INHRSPEC01-	LM	MPW	258.4962	0.0369	216	290.7	165	1.90	3.35	8.667
E6ENSUCOMP01-	LM	MPW	433.0458	0.0619	192	489.3	241	2.78	5.64	8.667
E6ENSUCOMP02-	LM	MPW	433.0458	0.0619	96	489.3	486	5.60	5.64	8.667
E6ENSEAICE01-	XM	LPU	113.5120	0.0164	10	480	63.39	0.39	2.96	0.333
E6JNFEA03801-	SM	LPU	203.5216	0.0293	25	864	485	2.99	5.33	2.33
E6JNFEA53M01-	LM	LPU	87.2592	0.0127	160	368	182	1.12	2.27	8.667
E6JNTHRMNS01-	LM	LPU	421.3566	0.0605	80	1793.33	546	3.37	11.06	8.667
E6GNGLOBAL01-	LM	LPU	336.3561	0.0484	192	1430.7	237	1.46	8.82	8.667
E6CNGLOBAL01-	LM	MPW	443.0389	0.0634	192	500.67	242	2.79	5.77	8.667
Total				**0.9521**					123.77	
Allocated				**1.296**						
Oversubscribed				**-0.3439**						

NIMS E6 Resource Tables

ACTID	AACS Mbits compress 2.5	RT BTG (Mbits)	Thold	Comp.	Playback BTG (Mbits) (4% Ohead)	Data Reduct. Factor (sBOT/BTG)	Pass
E6TNAURORA01+		0.0163					
E6JNFEA06401-	0.0058		0	1.88	0.019	32.47	1
E6JNFEA06402-	0.0058		0	1.88	0.095	6.49	1
E6JNFEA06403-	0.0058		0	1.88	0.019	32.47	1
E6NNHNDARK01-	0.0035		0	2.50	0.019	20.08	1
E6INCHEMIS01-	0.0060		2	1.50	0.160	7.50	1
E6NNHEALTH01-		0.001					
E6NIMSP2LD01							
E6JNFEA04801-	0.0058		0	1.88	0.019	32.47	1
E6JNFEA04802-	0.0008		0	1.88			1
E6JNPFTB4801-	0.0238		0	1.88	0.079	32.47	1
E6JNFEA04803-	0.0058		0	1.88	0.019	32.47	1
E6JNPFTA4802-	0.0008		0	2.00			1
E6JNRTHOTS01-		0.0160					
E6NIMSP2LD08							
E6INCHEMIS02-	0.0069		2	1.30	0.851	1.63	1
E6NNHNDARK02-	0.0035		0	2.50	0.019	20.08	1
E6JNFEA02001-	0.0373		0	1.88	0.615	6.49	1
E6JNFEA02002-	0.0058		0	1.88	0.119	5.20	1
E6NNHEALTH02-		0.0010		1.88			1
E6NIMSP2LD02				1.88			1
E6JNFEA02003-	0.0122		0	1.88	0.252	5.20	1
E6JNFEA02004-	0.0008		0	2.00			1
E6JNFEASUB01-	0.0210		0	1.90	0.368	6.10	1
E6NIMSP2LD10							
E6ENEURORT01-		0.0160					
E6ENTERINC01A-	0.0000		2	1.40	0.000		1,2
E6ENTERINC01B-	0.0145		0	1.35	1.714	1.69	1
E6INHRSPEC01-	0.0075		2	1.25	0.539	2.78	1
E6INCHEMIS03-	0.0000		2	1.20	0.000		1
							1
E6ENSUCOMP01-	0.0146		0	1.30	0.897	3.25	1
E6ENSUCOMP02-	0.0280		0	1.30	1.723	3.25	1
E6INRTIMON01-		0.016	0	1.30			
E6ENBRTPLN01+			0	1.30	0.227	1.63	1
E6ENBRTPLN02+			0	1.30			1
E6ENSEAICE01-	0.0037		0	2.00	0.198	1.97	1
E6INCHEMIS05-	0.0000		2	1.20	0.000		1
E6NNHEALTH03-		0.001					
E6NIMSP2LD03							

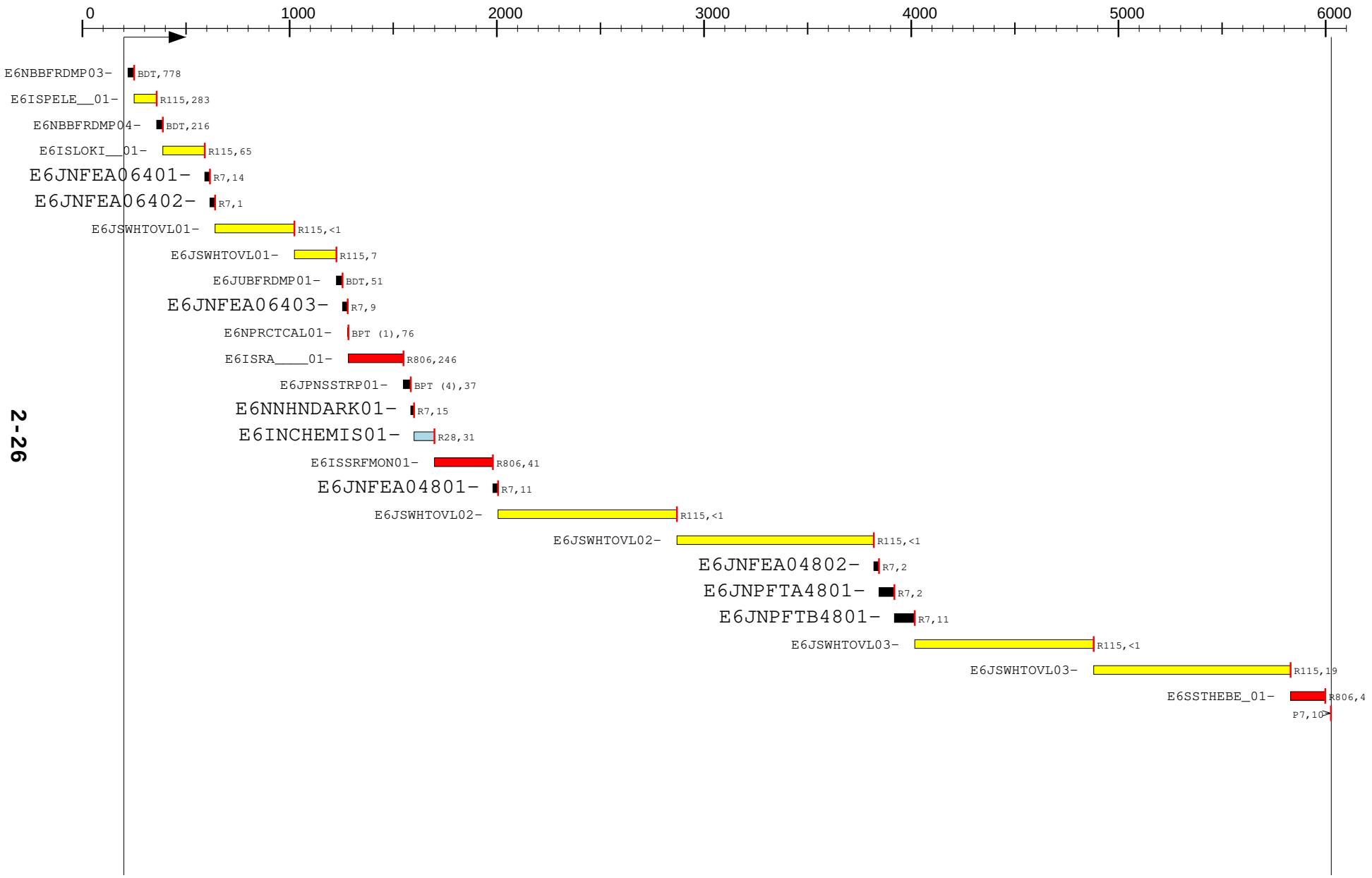
NIMS E6 Resource Tables

ACTID	AACS Mbits compress 2.5	RT BTG Thold (Mbits)	Comp.	Playback BTG (Mbits) (4% Ohead)	Data Reduct. Factor (sBOT/BTG)	Pass
E6JNFEA03801-	0.0249	0	2.00			1
E6INCHEMIS06-	0.0094	2	1.50	0.252	4.02	1
E6INTHRMAL01-	0.0000	2	2.00	0.000		1
E6NNHNDARK03-	0.0035	0	2.50	0.019	20.08	1
E6NNHEALTH04-		0.001				
E6NIMSP2LD04						
E6JNFEA09501-	0.0058	0	1.88	0.019	32.47	1
E6JNFEA09502-	0.0058	0	1.88	0.095	6.49	1
E6JNFEA09503-	0.0058	0	1.88	0.019	32.47	1
E6INVOLCAN01-	0.0044	2	3.00	0.030	15.42	1
E6JNFEA53M01-	0.0110	0	1.30	0.564	2.09	1
E6NNHEALTH05-		0.0010				
E6NIMSP2LD05						
E6INVOLCAN02-	0.0056	2	3.00			1
E6JNFEA5UM01-	0.0210	0	1.30	0.538	4.18	1
E6INVOLCAN03-	0.0033	2	3.00			1
E6JNTHRMNS01-	0.0599	0	1.30	1.536	4.18	1
E6NNHEALTH06-		0.0010				
E6NIMSP2LD06						1
E6GNGLOBAL01-	0.0275	0	2.00	1.101	2.68	1
E6JNFEA12401-	0.0058	0	1.88	0.019	32.47	1
E6JNFEA12402-	0.0058	0	1.88	0.095	6.49	1
E6JNFEA12403-	0.0058	0	1.88	0.019	32.47	1
E6INVOLCAN04-	0.0023	2	3.00			1
E6INTHRMAL02-	0.0000	2	2.00	0.000		1
E6INVOLCAN05-	0.0070	2	3.00			1
E6NNHEALTH07-		0.001				
E6NIMSP2LD07						
E6JNFEA14001-	0.0058	0	1.88	0.090	6.84	1
E6JNFEA14002-	0.0058	0	1.88	0.090	6.84	1
E6JNFEA14003-	0.0058	0	1.88	0.090	6.84	1
E6NNHNDARK04-	0.0035	0	2.50	0.019	20.08	1
E6JNFEA15001-	0.0054	0	1.88	0.089	6.49	1
E6JNFEA15002-	0.0054	0	1.88	0.089	6.49	1
E6JNFEA15003-	0.0054	0	1.88	0.089	6.49	1
E6NNPCTCAL01-	0.0035	0	2.20	0.151	2.48	1
E6CNCALLRT01-		0.0480				
E6CNGLOBAL01-	0.0070	2	2.25	0.248	5.63	1
		0.040				
		0.040				

NIMS E6 Resource Tables

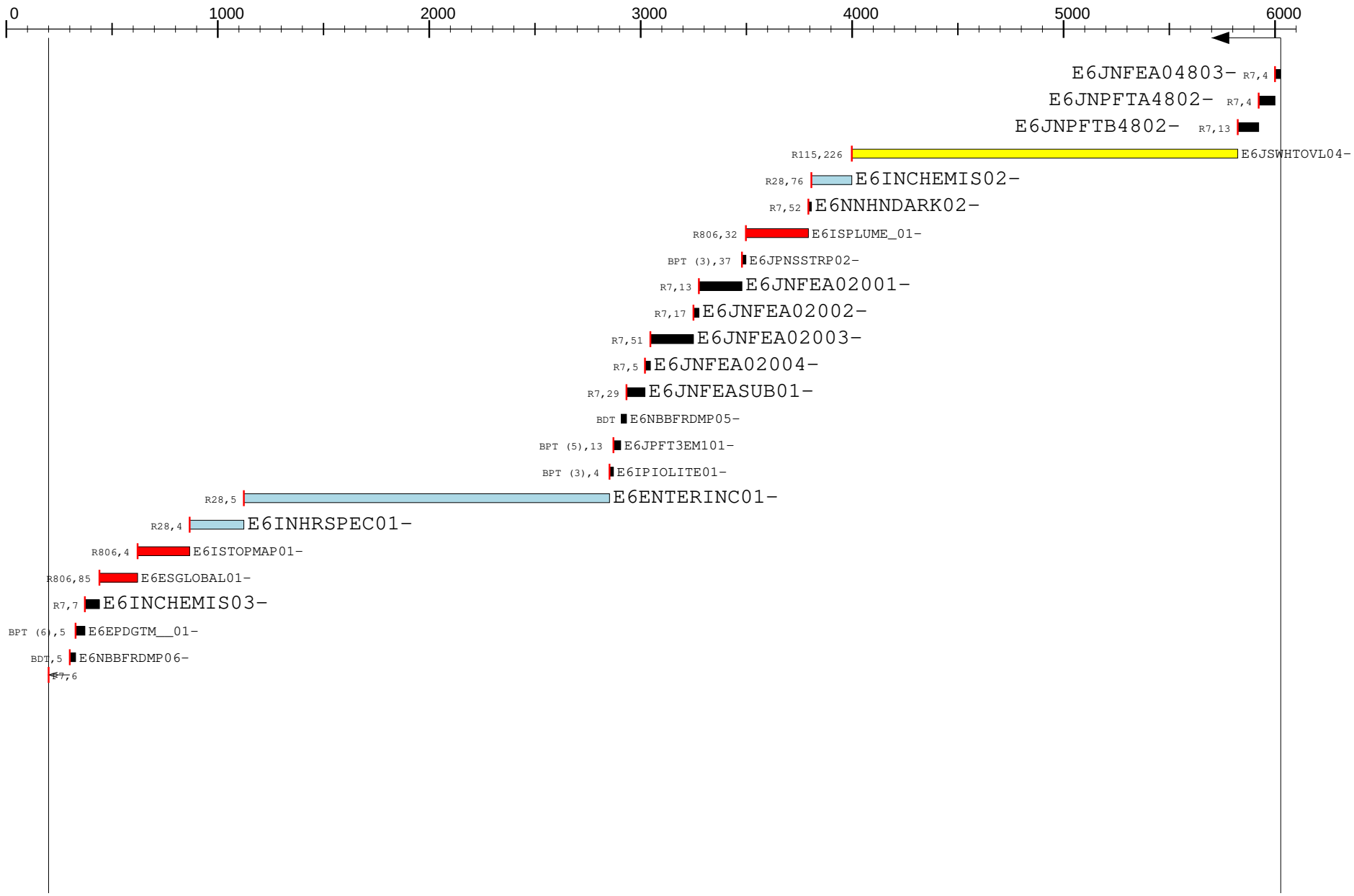
ACTID	AACS Mbits compress 2.5	RT BTG (Mbits)	Thold	Comp.	Playback BTG (Mbits) (4% Ohead)	Data Reduct. Factor (sBOT/BTG)	Pass
		0.014					
E6JNPFTB4802-	0.0238		0	2.00	0.369	6.91	2
E6INCHEMIS02-	0.0056		2	1.30	0.695	1.63	2
E6JNFEA02001-	0.0124		0	1.88	0.205	6.49	2
E6JNFEA02003-	0.0357		0	1.88	0.736	5.20	2
E6ENTERINC01A-	0.0000		2	1.40	0.000		2
E6ENTERINC01B-	0.0142		0	1.35	1.686	1.69	2
E6INHRSPEC01-	0.0095		2	1.25	0.684	2.78	2
E6ENSUCOMP01-	0.0139		0	1.30	0.854	3.25	2
E6ENSUCOMP02-	0.0280		0	1.30	0.861	6.50	2
E6ENSEAICE01-	0.0037		0	2.00	0.198	1.97	2
E6JNFEA03801-	0.0279		0	1.88	0.576	5.20	2
E6JNFEA53M01-	0.0105		0	1.30	0.538	2.09	2
E6JNTHRMNS01-	0.0314		0	1.30			2
E6GNGLOBAL01-	0.0137		0	2.00			2
E6CNGLOBAL01-	0.0139		2	2.25			2
Total					20.611	Planned BTG	
Allocated					20.612	Allocation	
Oversubscribed					-0.001	Over/under	

Track 1



J.Culwell, 5-Mar-96, v0.01

Track 2



J.Culwell, 5-Mar-96, v0.01

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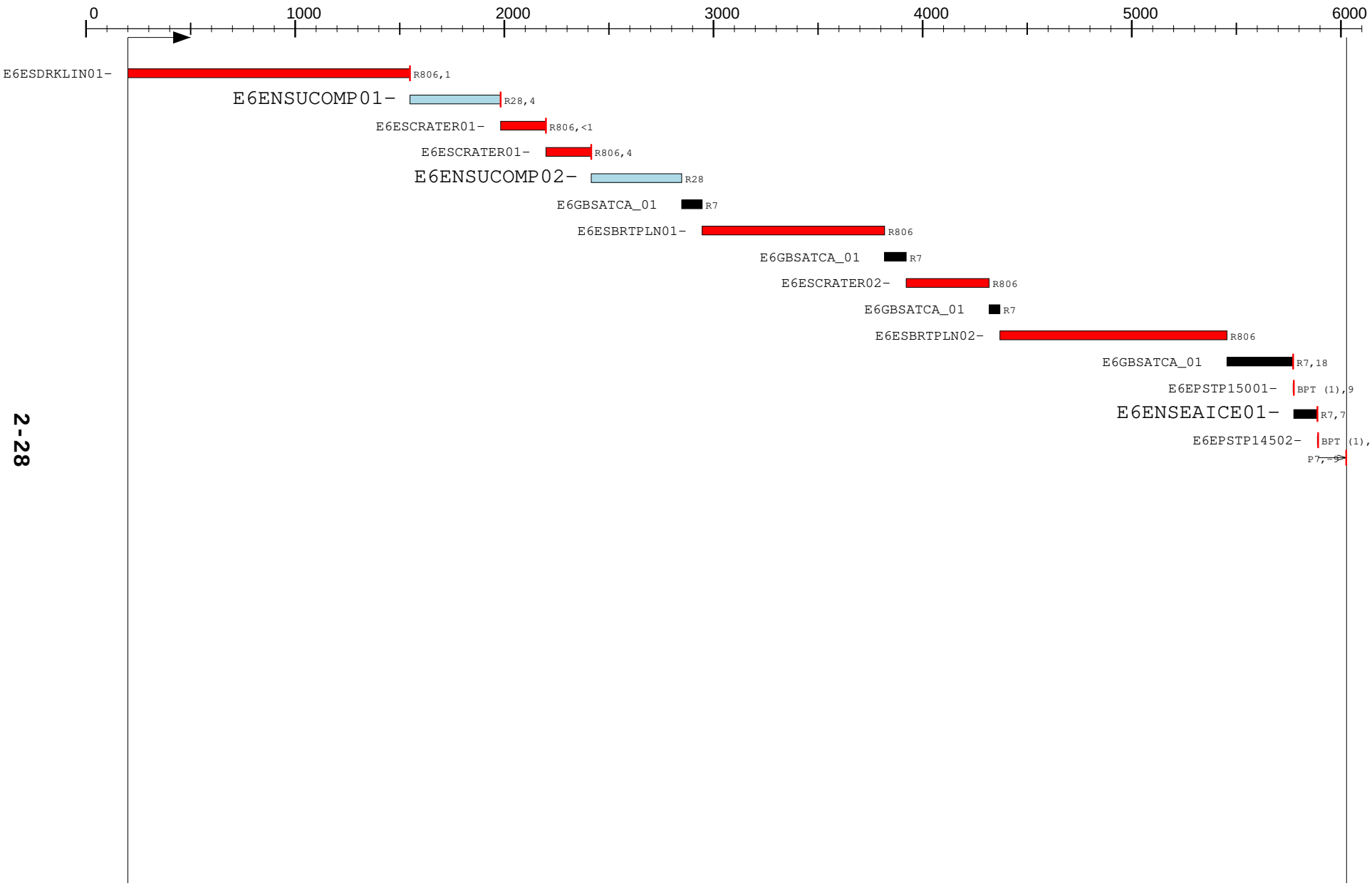
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4000
5000
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R806,1
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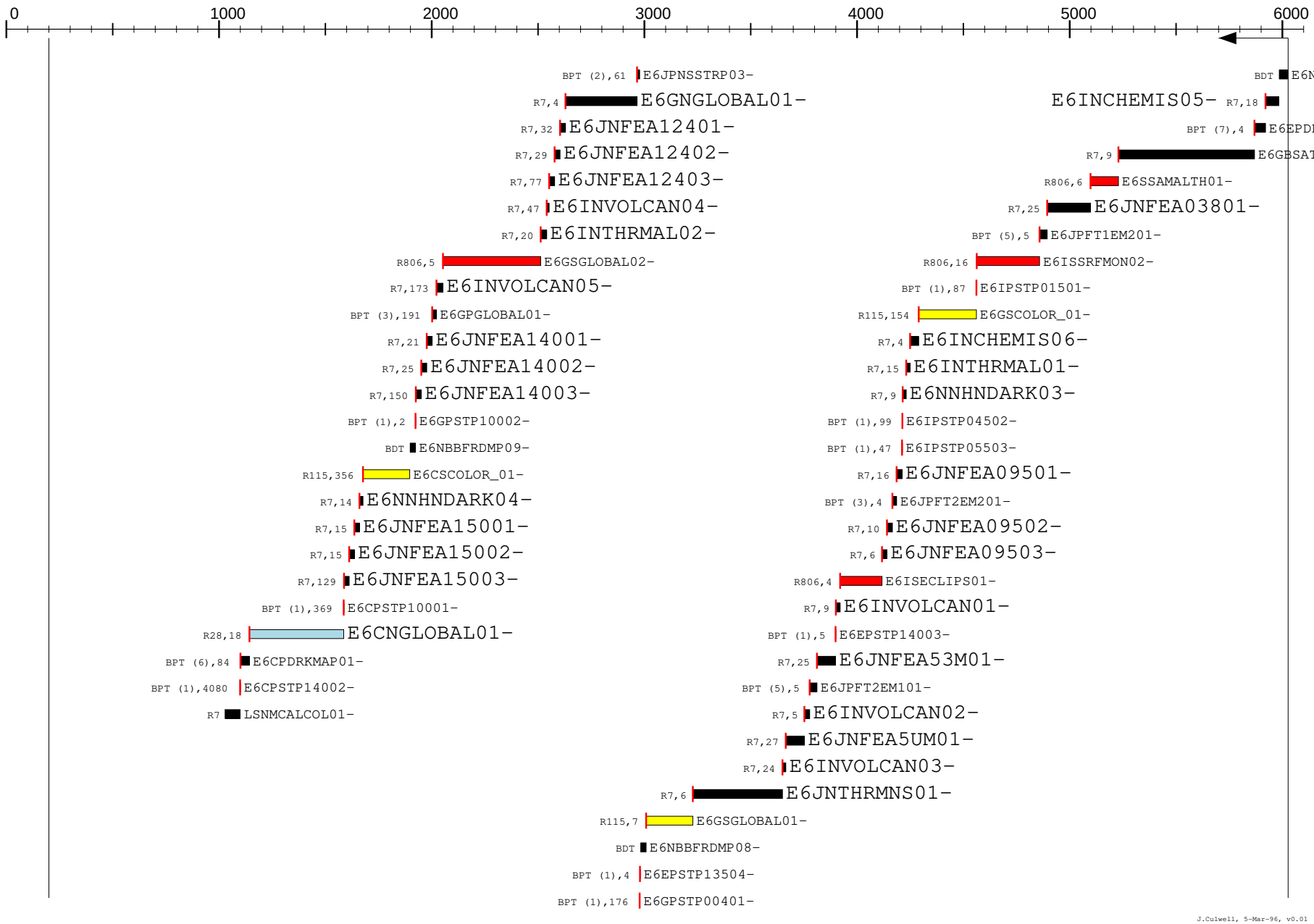
R28,4
E6ESCRATER01-
R806,<1
E6ESCRATER01-
R806,4
E6ENSUCOMP02-
R28
E6GBSATCA_01
R7
E6ESBRTPLN01-
R806
E6GBSATCA_01
R7
E6ESCRATER02-
R806
E6GBSATCA_01
R7
E6ESBRTPLN02-
R806
E6GBSATCA_01
R7,18
E6EPSTP15001-
BPT (1),9
E6ENSEAICE01-
R7,7
E6EPSTP14502-
BPT (1),9
P7,-9
J.Culwell, 5-Mar-96, v0.01

Track 4


0
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R7,4 E6GNGLOBAL01-
R7,32 E6JNFEA12401-
R7,29 E6JNFEA12402-
R7,77 E6JNFEA12403-
R7,47 E6INVOLCAN04-
R7,20 E6INTHRMAL02-
R806,5 E6GSGLOBAL02-
R7,173 E6INVOLCAN05-
BPT (3),191 E6GPGLOBAL01-
R7,21 E6JNFEA14001-
R7,25 E6JNFEA14002-
R7,150 E6JNFEA14003-
BPT (1),2 E6GPSTP10002-
BDT E6NBBFRDMP09-
R115,356 E6CSCOLOR_01-
R7,14 E6NNHNDARK04-
R7,15 E6JNFEA15001-
R7,15 E6JNFEA15002-
R7,129 E6JNFEA15003-
BPT (1),369 E6CPSTP10001-
R28,18 E6CNGLOBAL01-
BPT (6),84 E6CPDRKMAP01-
BPT (1),4080 E6CPSTP14002-
R7 LSNMCALCOL01-
BDT E6NBBFRDMP07-
E6INCHEMIS05- R7,18
BPT (7),4 E6EPDRKMAP01-
R7,9 E6GBSATCA_02-
R806,6 E6SSAMALTH01-
R7,25 E6JNFEA03801-
BPT (5),5 E6JPFT1EM201-
R806,16 E6ISSRFMON02-
BPT (1),87 E6IPSTP01501-
R115,154 E6GSCOLOR_01-
R7,4 E6INCHEMIS06-
R7,15 E6INTHRMAL01-
R7,9 E6NNHNDARK03-
BPT (1),99 E6IPSTP04502-
BPT (1),47 E6IPSTP05503-
R7,16 E6JNFEA09501-
BPT (3),4 E6JPFT2EM201-
R7,10 E6JNFEA09502-
R7,6 E6JNFEA09503-
R806,4 E6ISECLIPS01-
R7,9 E6INVOLCAN01-
BPT (1),5 E6EPSTP14003-
R7,25 E6JNFEA53M01-
BPT (5),5 E6JPFT2EM101-
R7,5 E6INVOLCAN02-
R7,27 E6JNFEA5UM01-
R7,24 E6INVOLCAN03-
R7,6 E6JNTHRMNS01-
R115,7 E6GSGLOBAL01-
BDT E6NBBFRDMP08-
BPT (1),4 E6EPSTP13504-
BPT (1),176 E6GPSTP00401-
J.Culwell, 5-Mar-96, v0.01

E06PFA

220/1
E6NBBFRDMP03-

2-30

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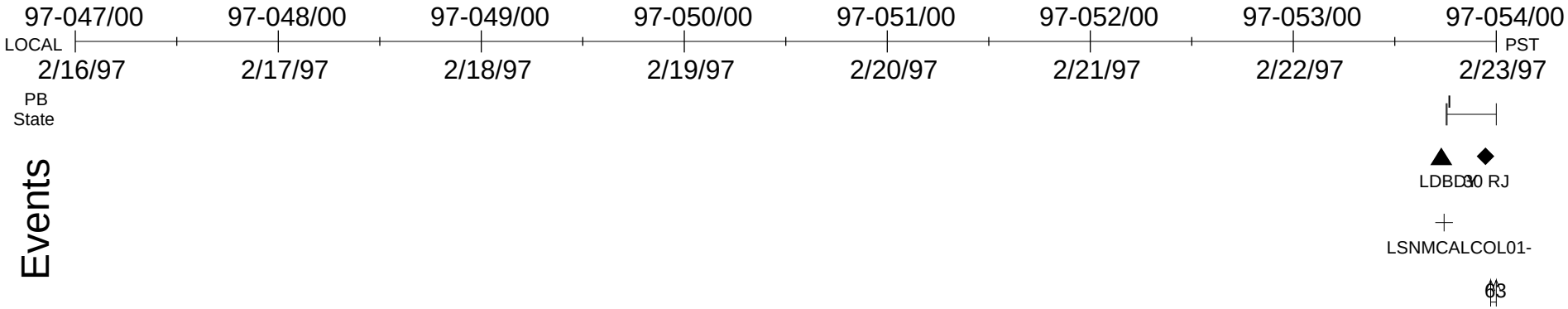

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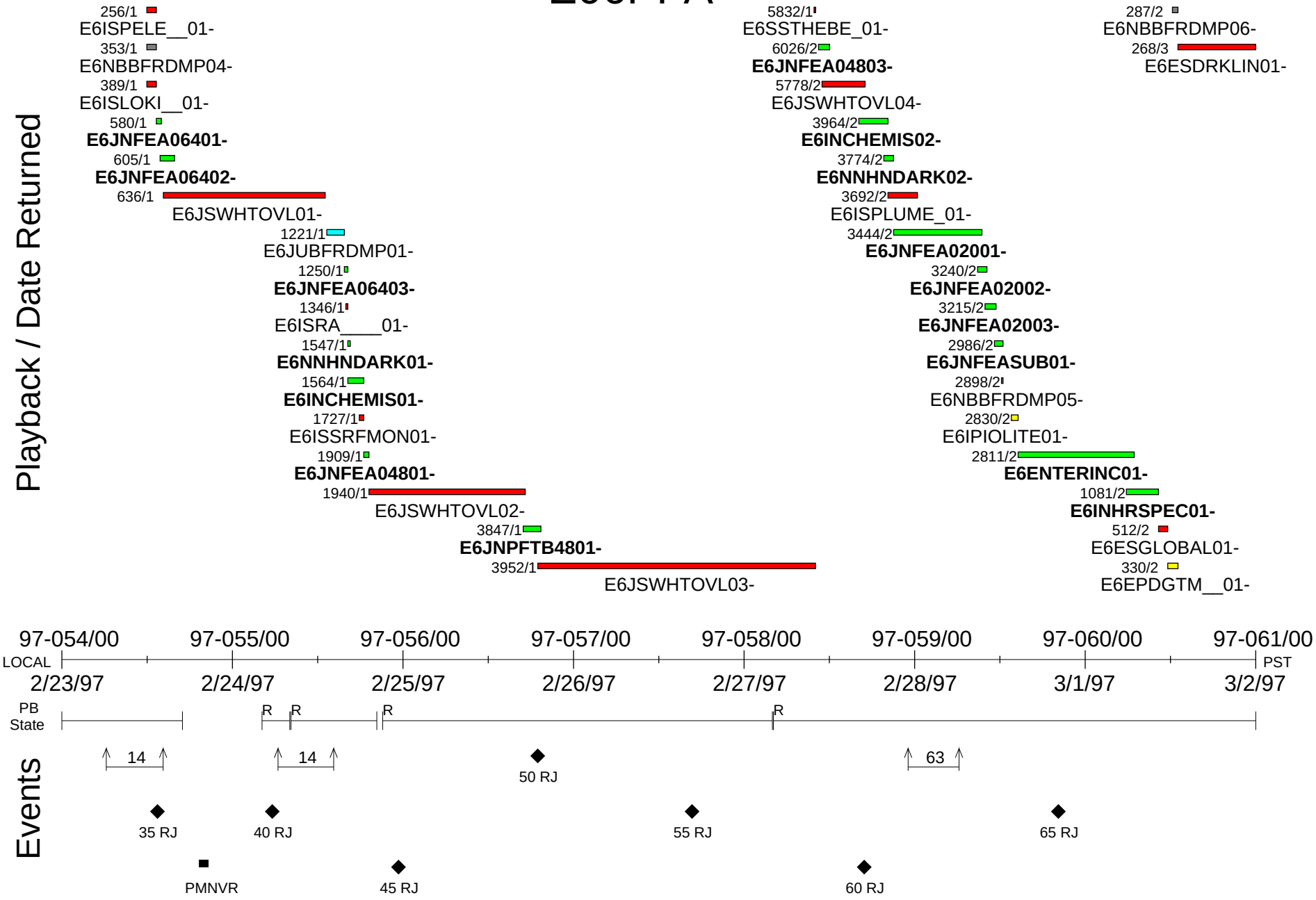
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636/1
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1346/1
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1547/1
E6NNHNDARK01-
1564/1
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3774/2
E6NNHNDARK02-
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3444/2
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3215/2
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2898/2
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2830/2
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2811/2
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PST
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2/25/97
2/26/97
2/27/97
2/28/97
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3/2/97
PB State
R
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R
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Events
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63
35 RJ
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65 RJ
PMNVR
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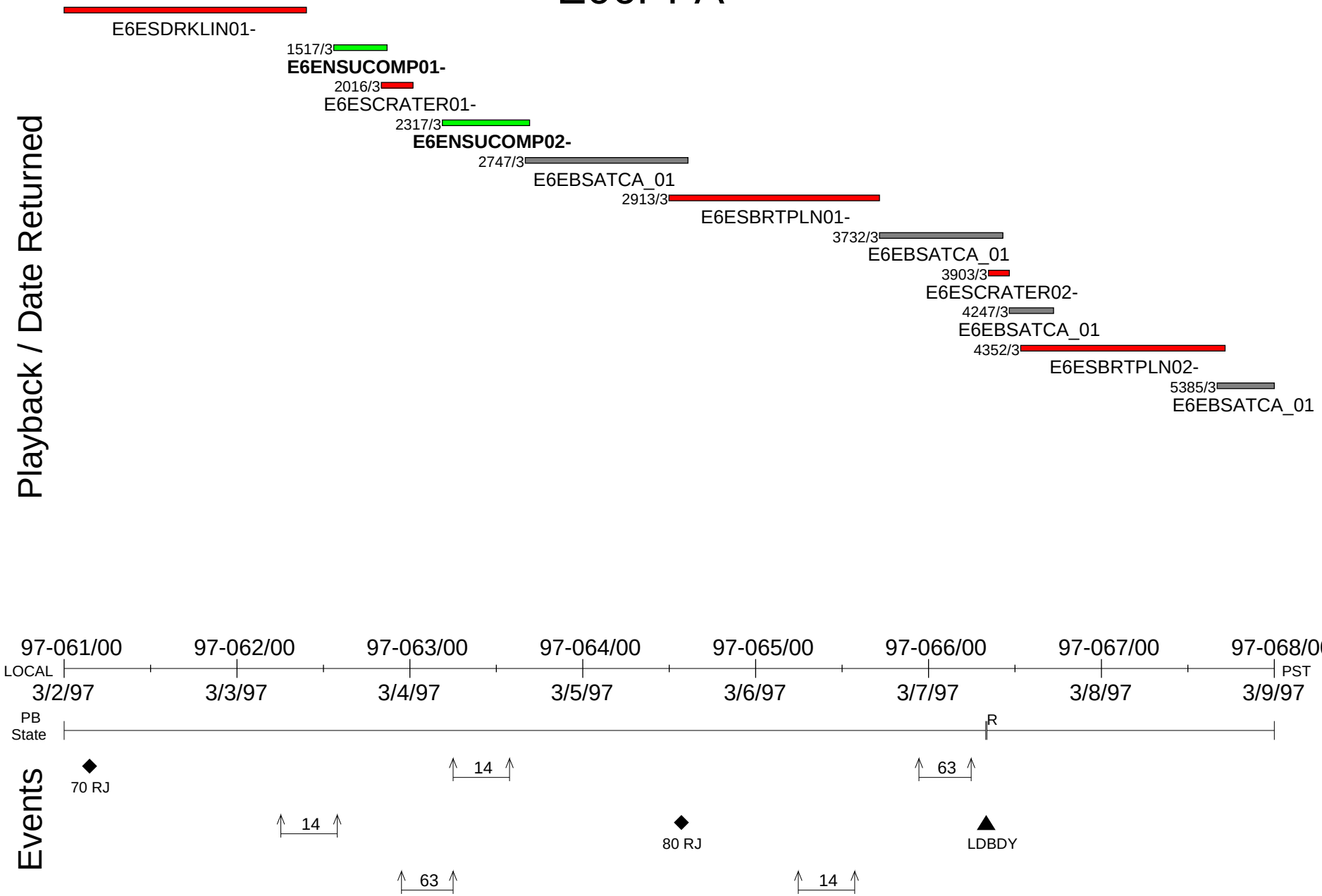
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2317/3
E6ENSUCOMP02-
2747/3
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2913/3
E6ESBRTPLN01-
3732/3
E6EBSATCA_01
3903/3
E6ESCRATER02-
4247/3
E6EBSATCA_01
4352/3
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80 RJ
LDBDY
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2-32

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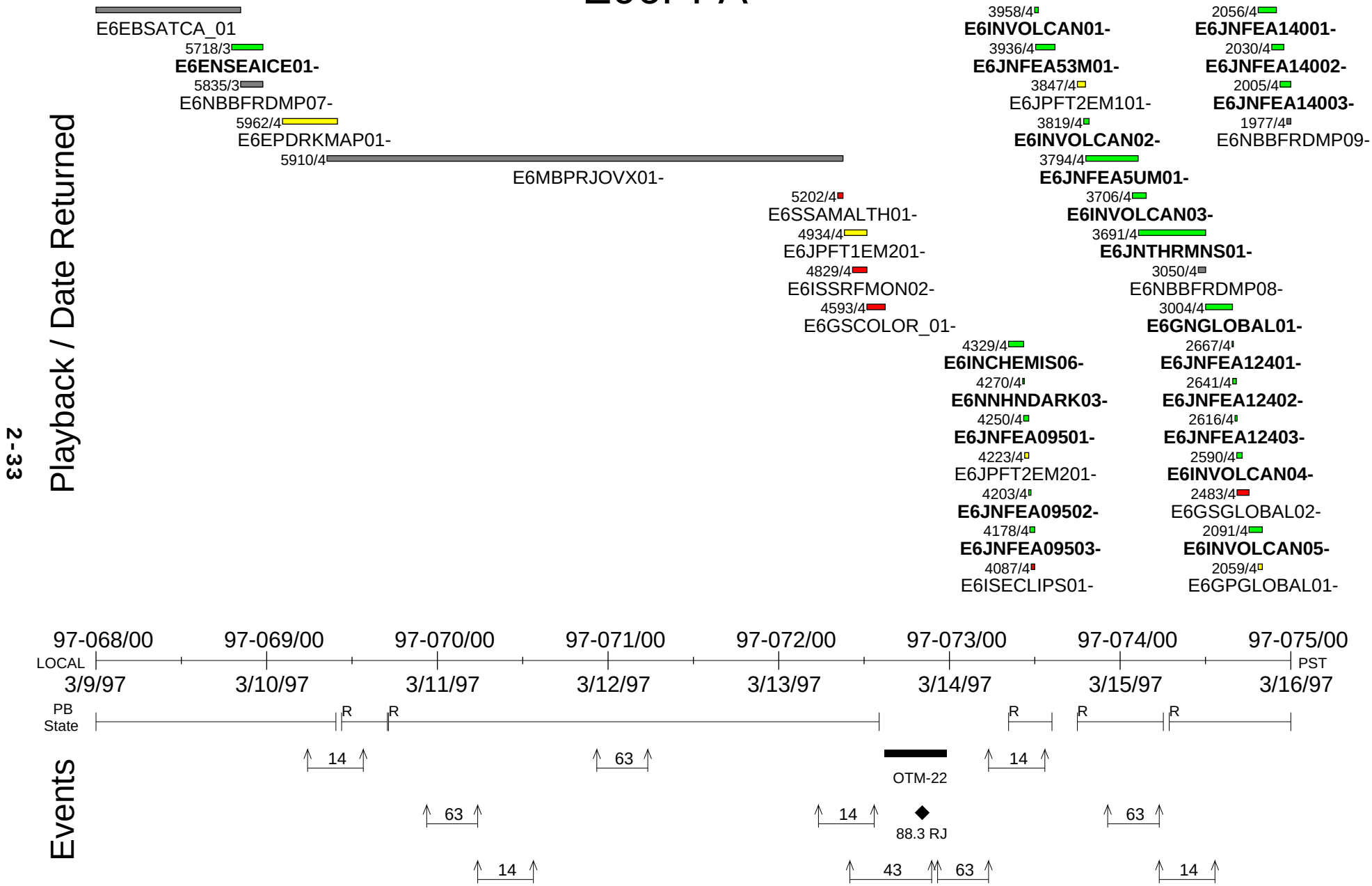
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5962/4
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5910/4
E6MBPRJOVX01-
5202/4
E6SSAMALTH01-
4934/4
E6JPFT1EM201-
4829/4
E6ISSRFMON02-
4593/4
E6GSCOLOR_01-
3958/4
E6INVOLCAN01-
3936/4
E6JNFEA53M01-
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E6JPFT2EM101-
3819/4
E6INVOLCAN02-
3794/4
E6JNFEA5UM01-
3706/4
E6INVOLCAN03-
3691/4
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2616/4
E6JNFEA12403-
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2091/4
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2059/4
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2005/4
E6JNFEA14003-
1977/4
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4329/4
E6INCHEMIS06-
4270/4
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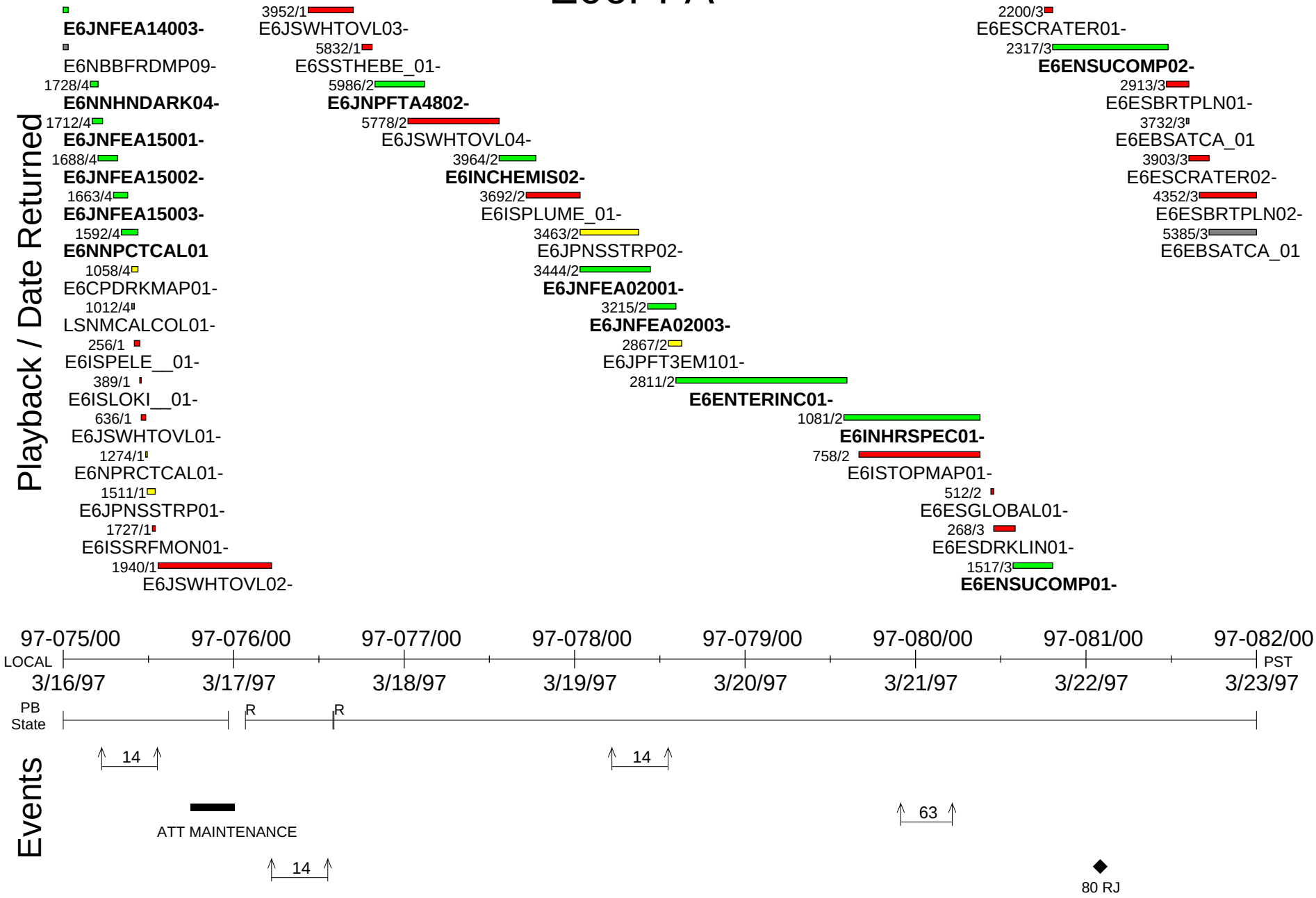
2-33

E06PFA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1712/4
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E6JNFEA15002-
1663/4
E6JNFEA15003-
1592/4
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1058/4
E6CPDRKMAP01-
1012/4
LSNMCALCOL01-
256/1
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389/1
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5986/2
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5778/2
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3444/2
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2811/2
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1081/2
E6INHRSPEC01-
758/2
E6ISTOPMAP01-
512/2
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268/3
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1517/3
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2317/3
E6ENSUCOMP02-
2913/3
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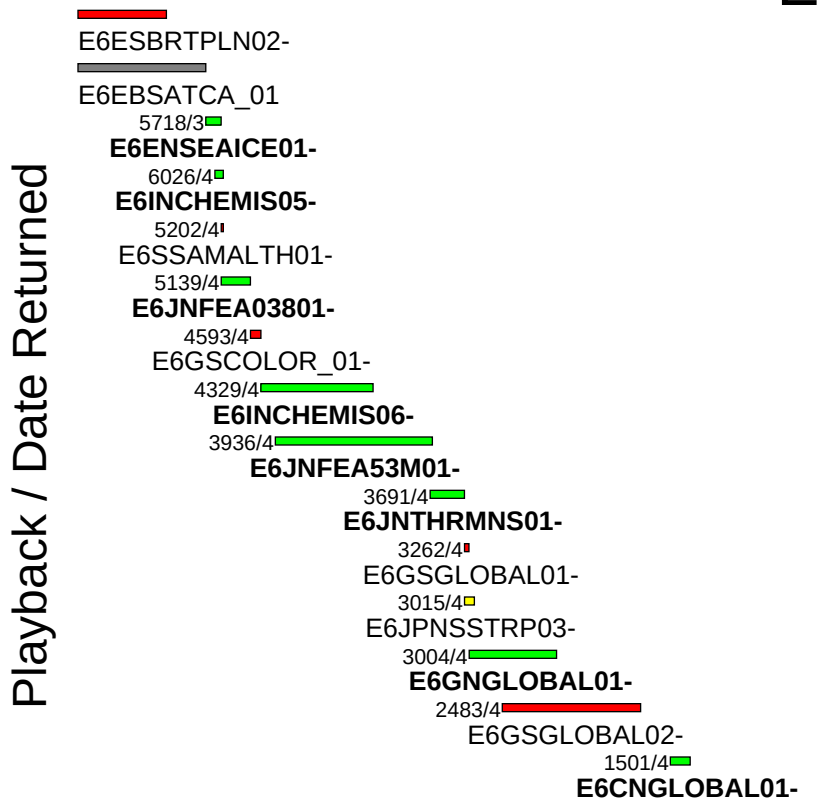
63
80 RJ

2-34

E06PFA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3936/4
E6JNFEA53M01-
3691/4
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3262/4
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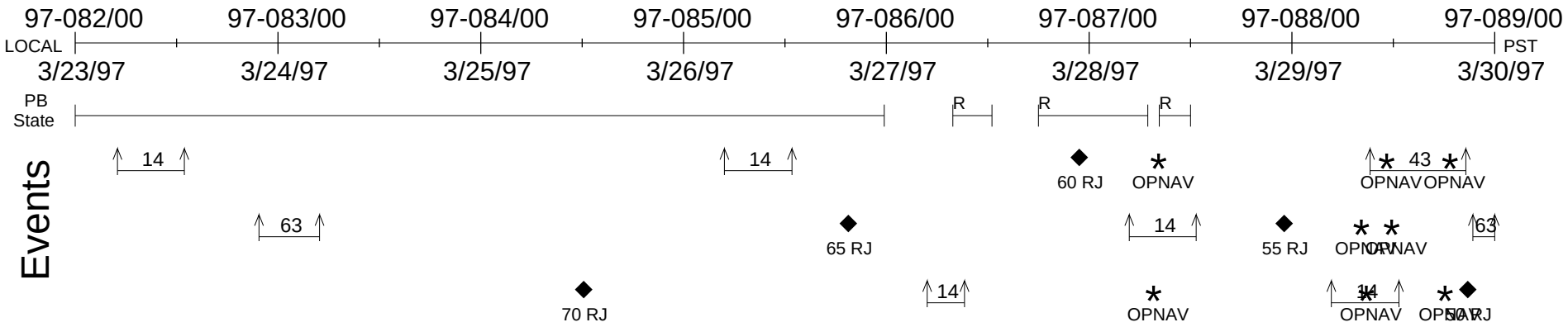
1501/4
E6CNGLOBAL01-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3/28/97
3/29/97
3/30/97
PB State
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14
60 RJ
OPNAV
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OPNAV
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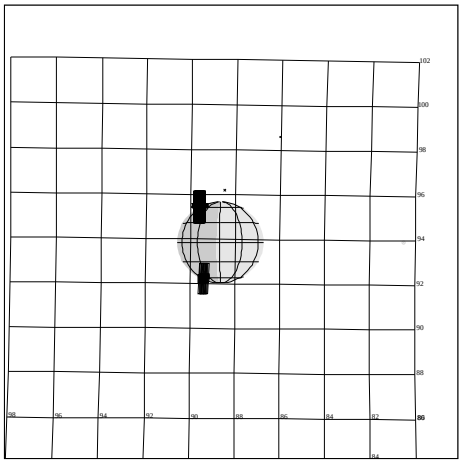
14
OPNAV
OPNAV

E6 NIMS A



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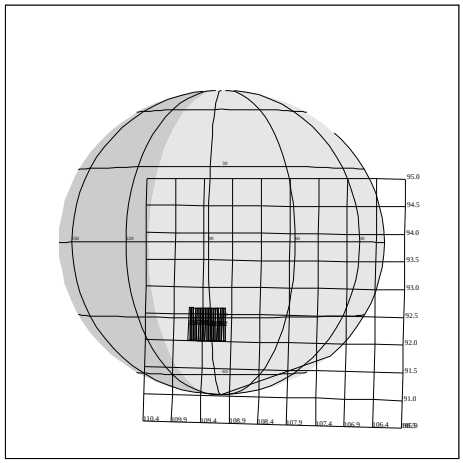

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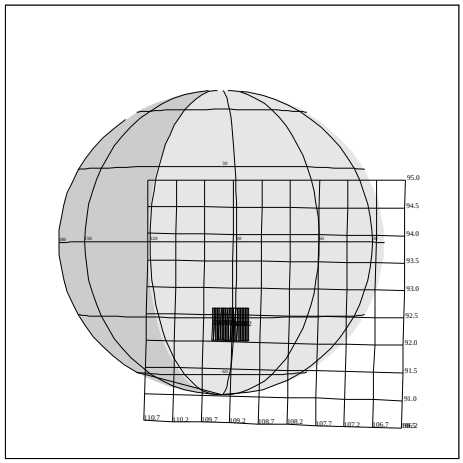

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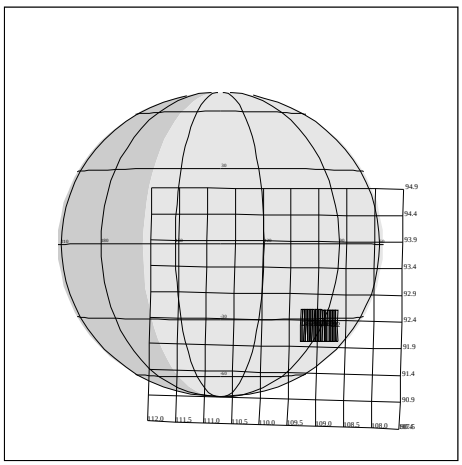

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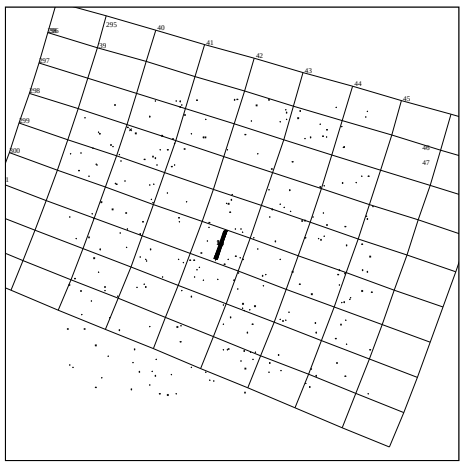

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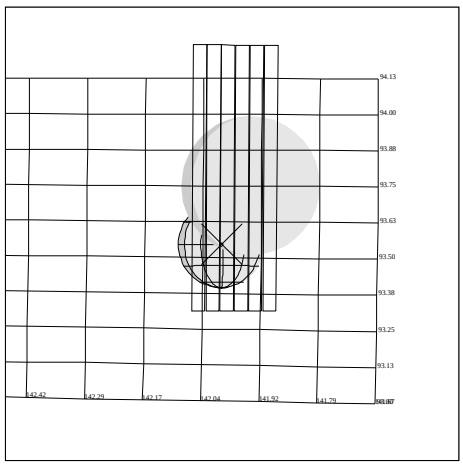

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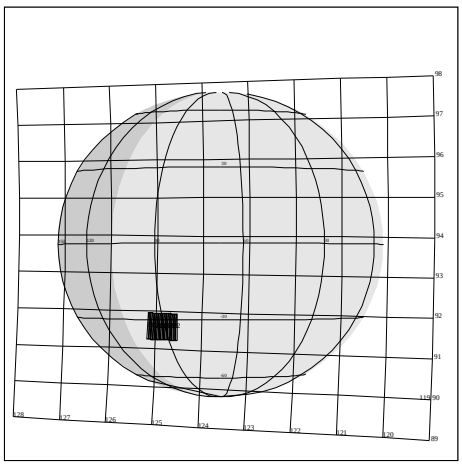

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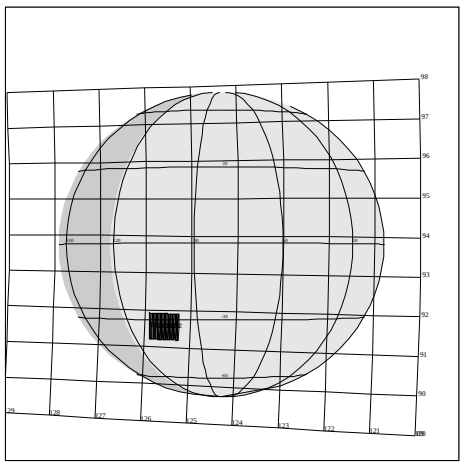

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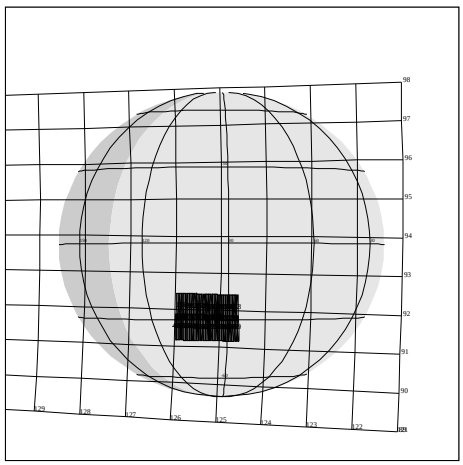

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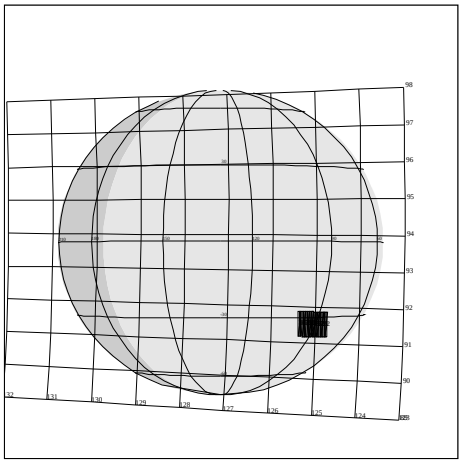

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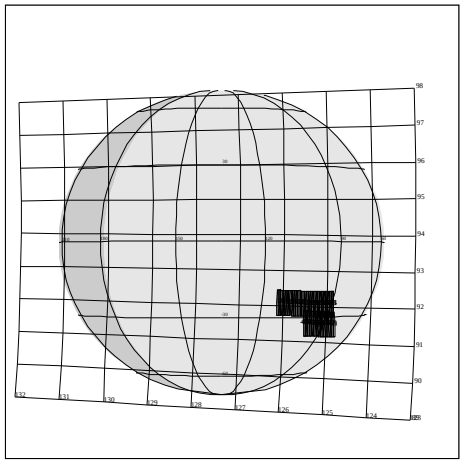

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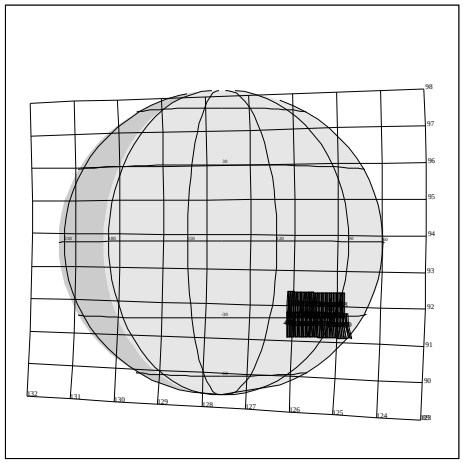

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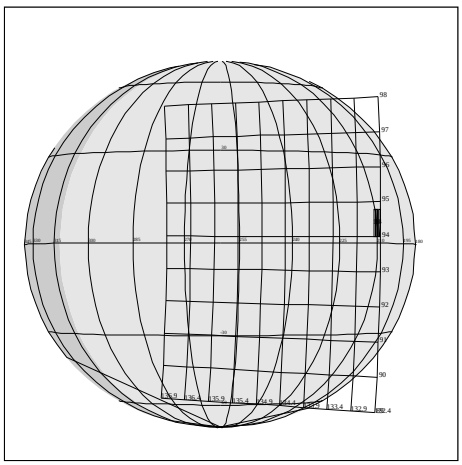

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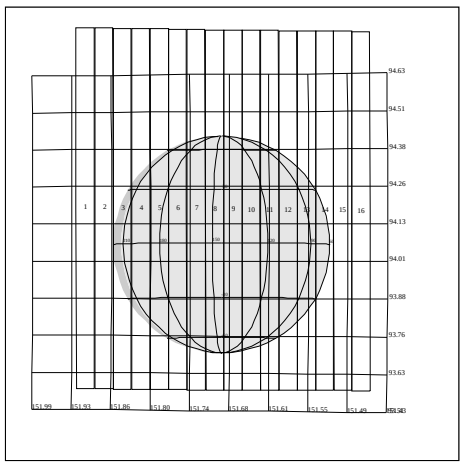

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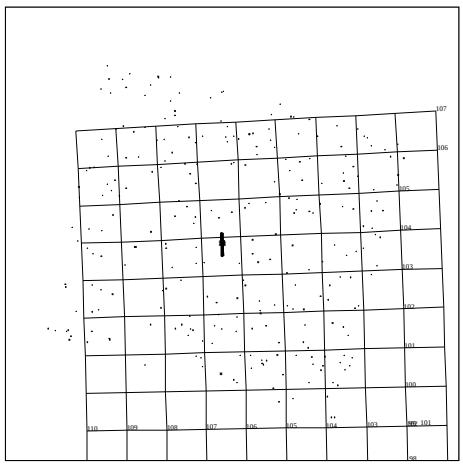

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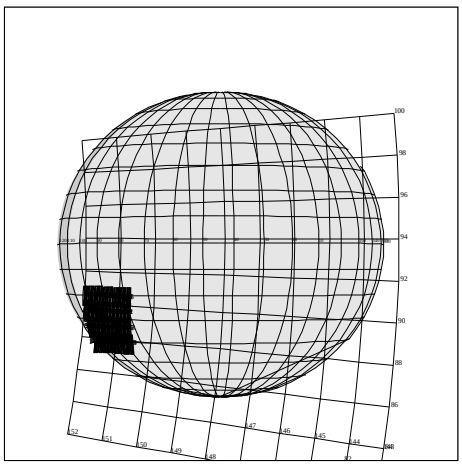

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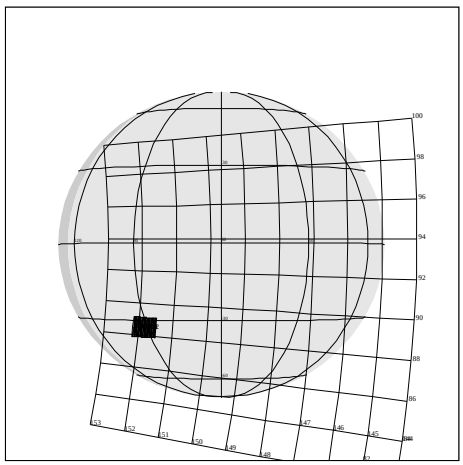

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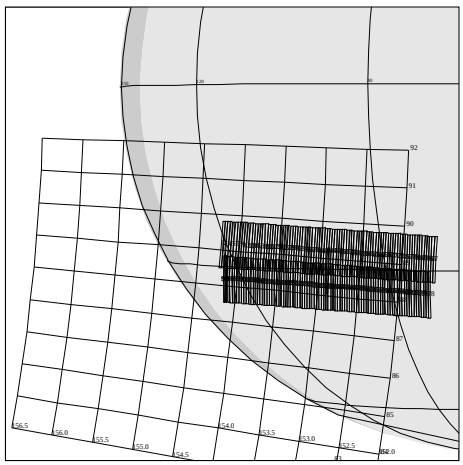

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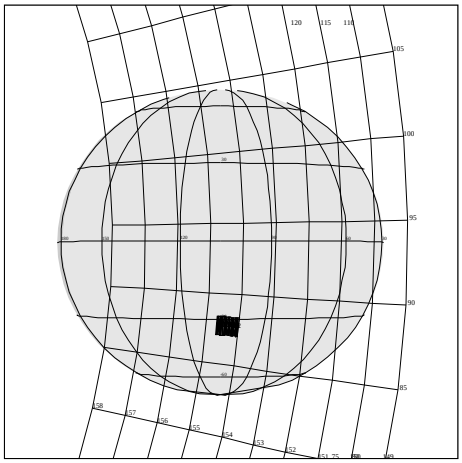

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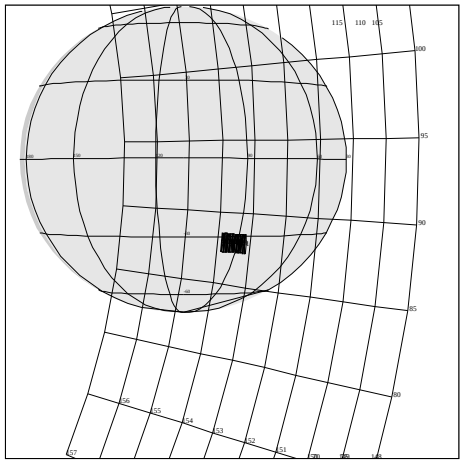

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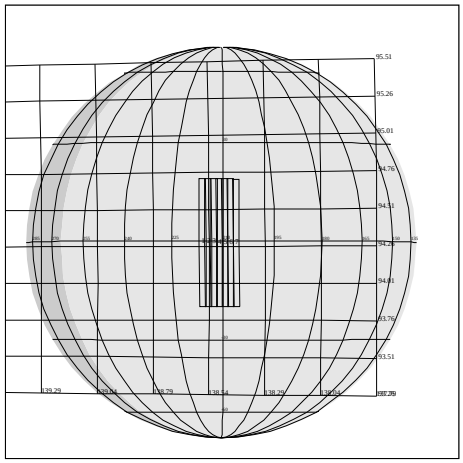

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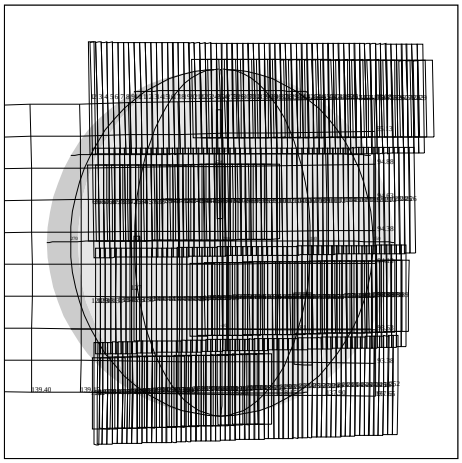

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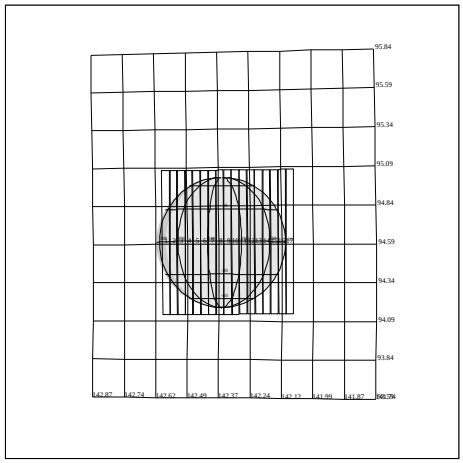

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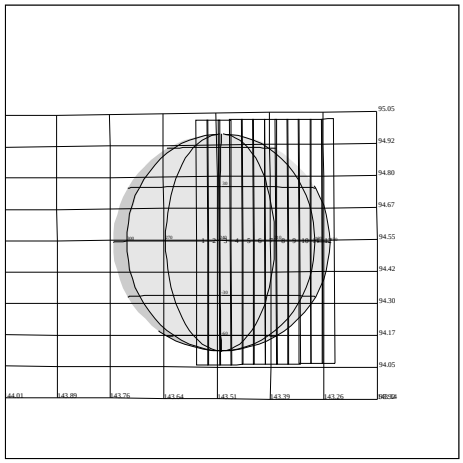

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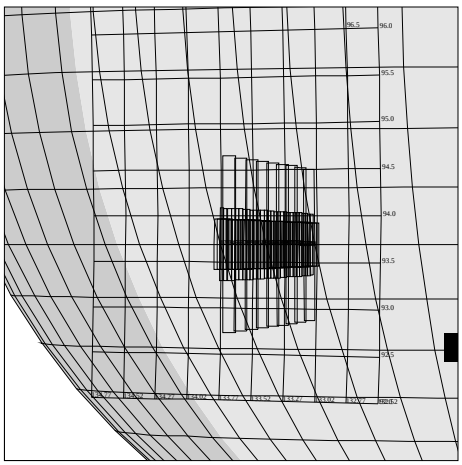

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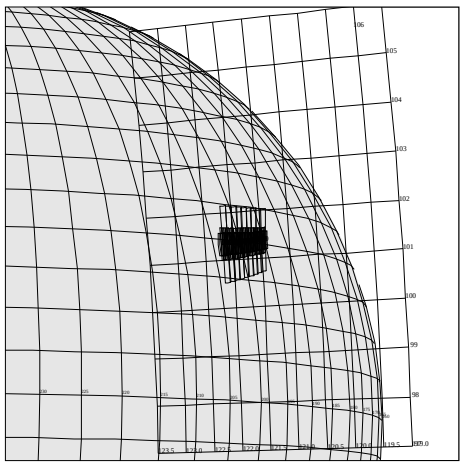

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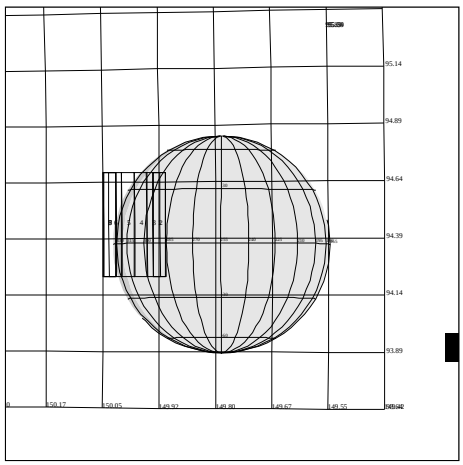

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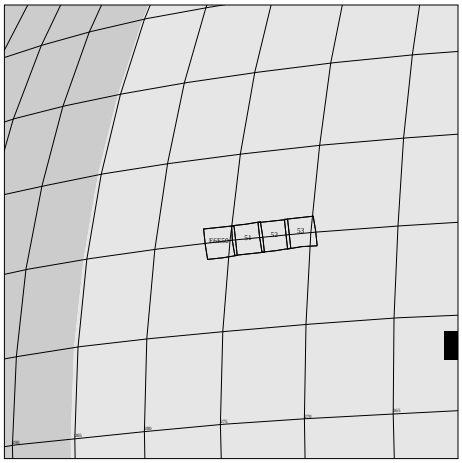
97-051/16:40:06

E6 NIMS D



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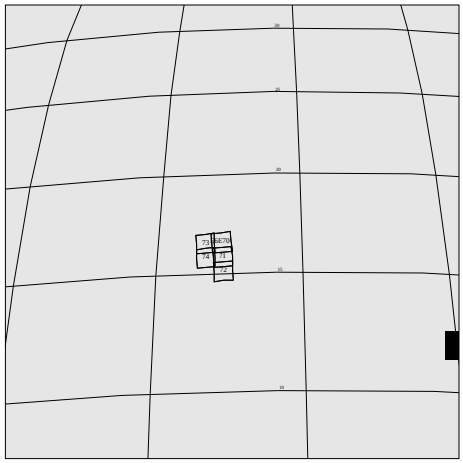

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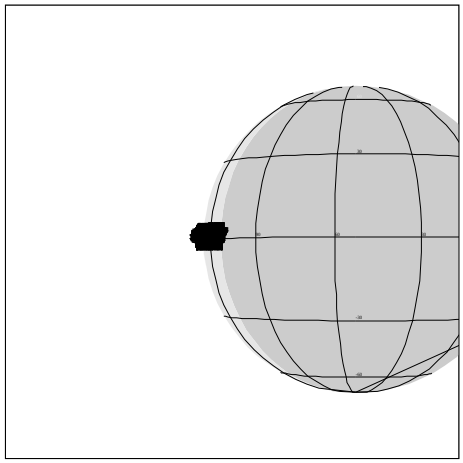

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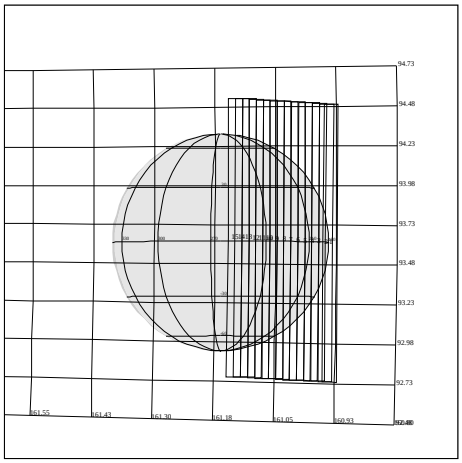

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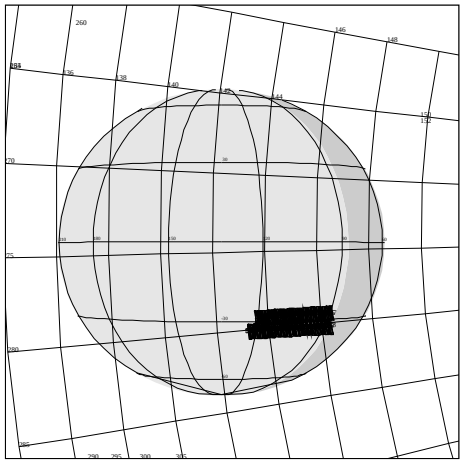

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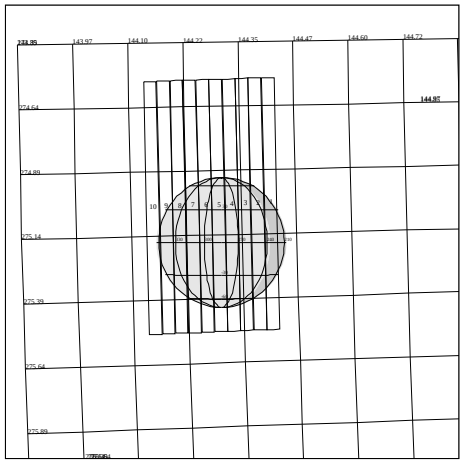

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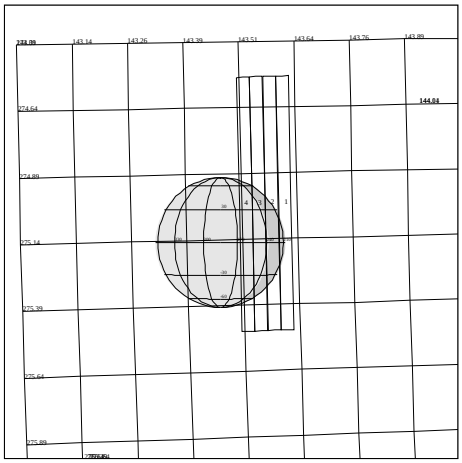

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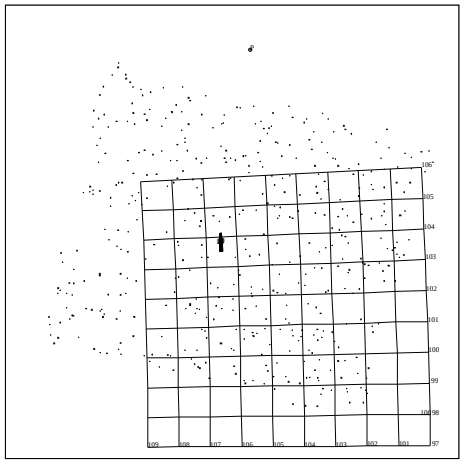

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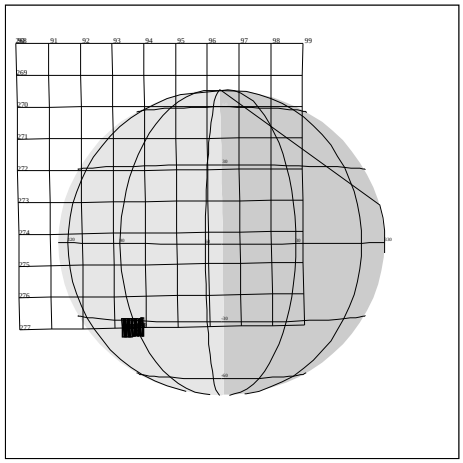

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97-052/07:01:33

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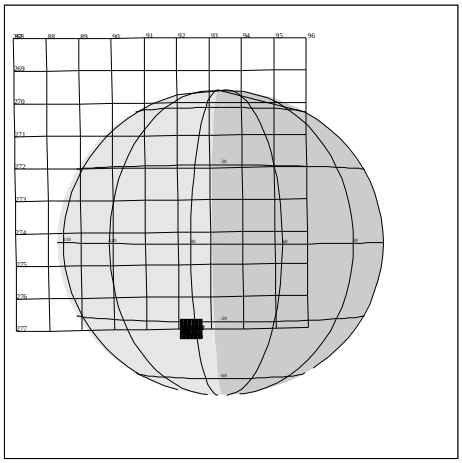

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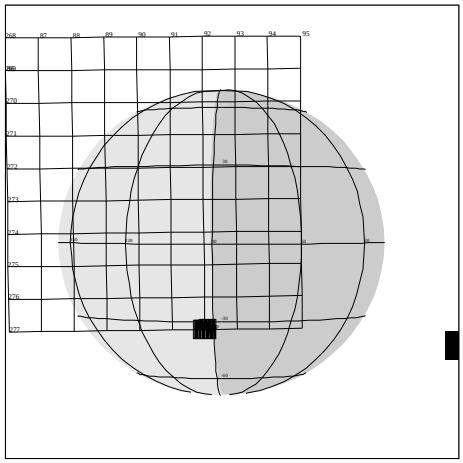

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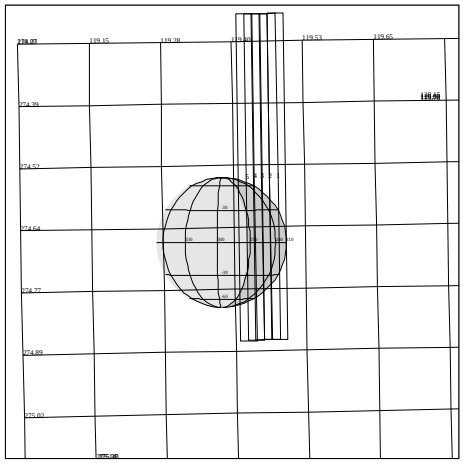

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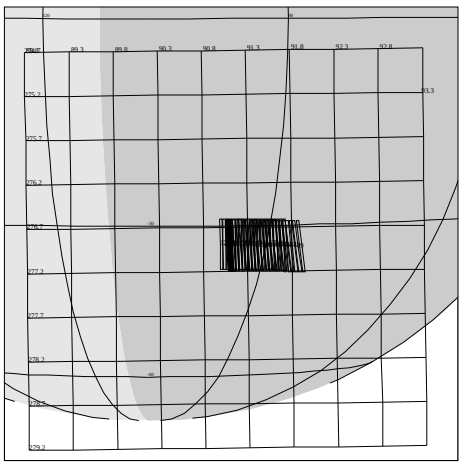

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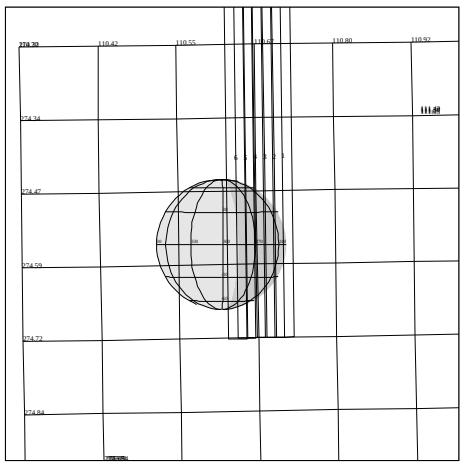

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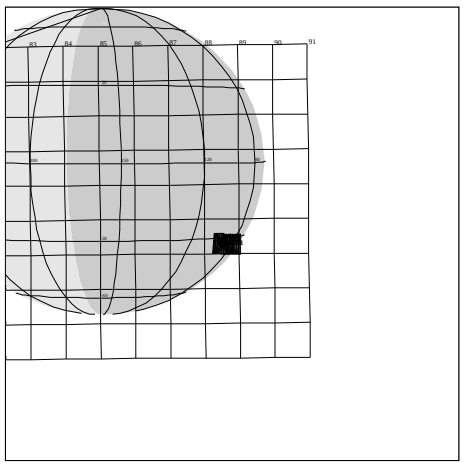

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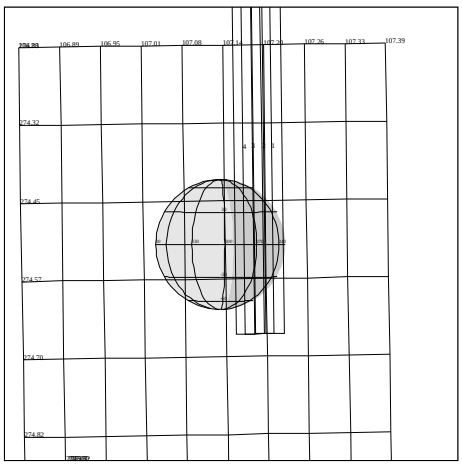

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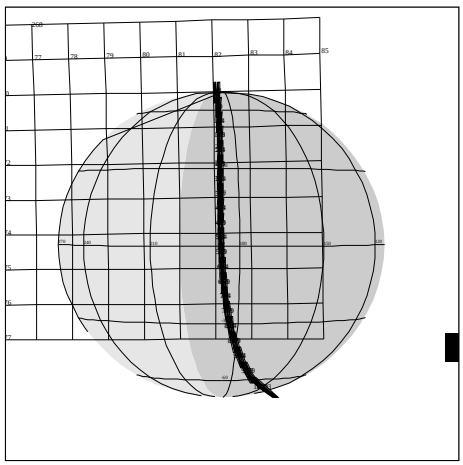

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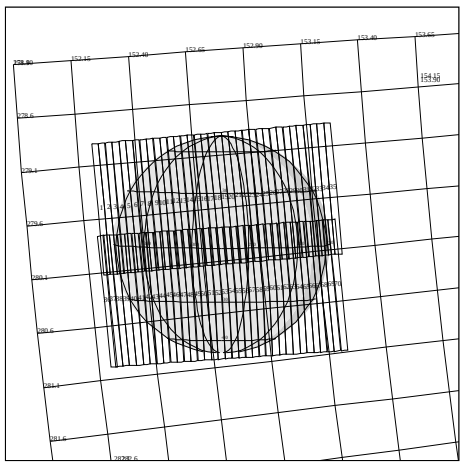
97-052/11:02:12



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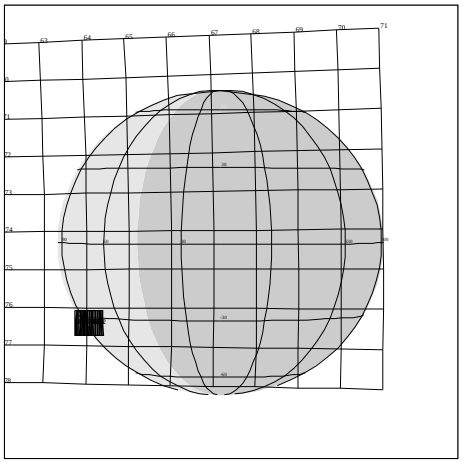
E6 NIMS F



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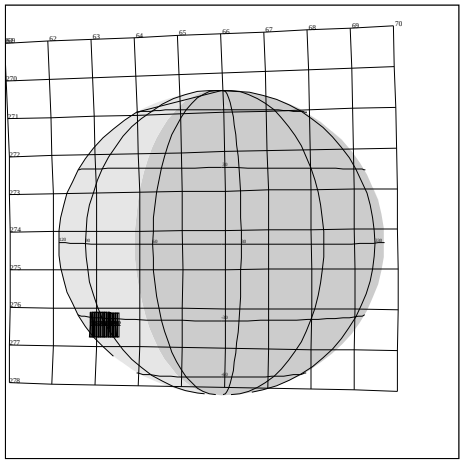

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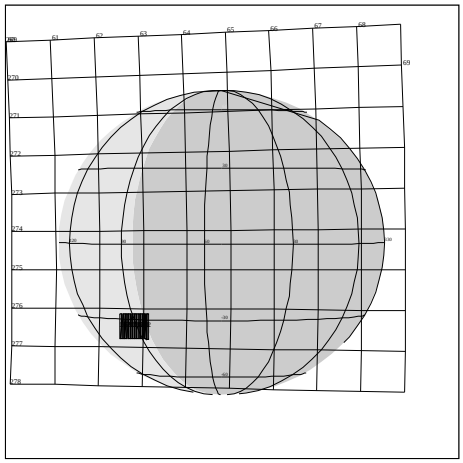

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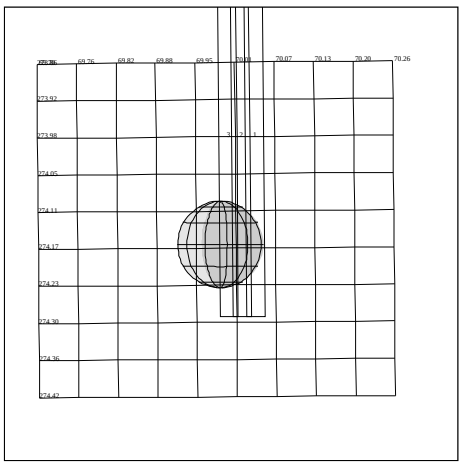

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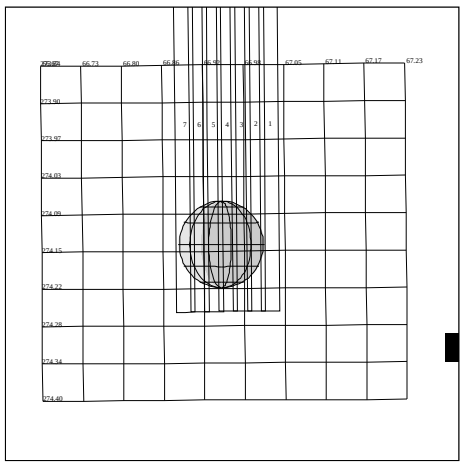

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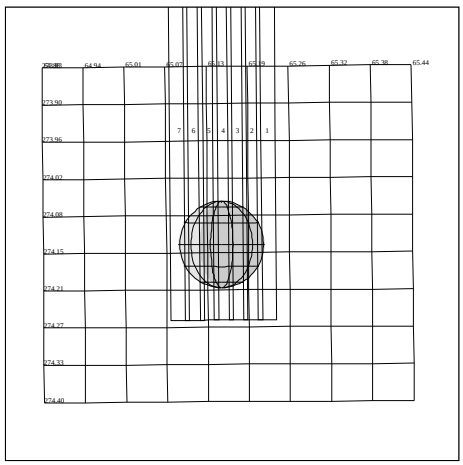

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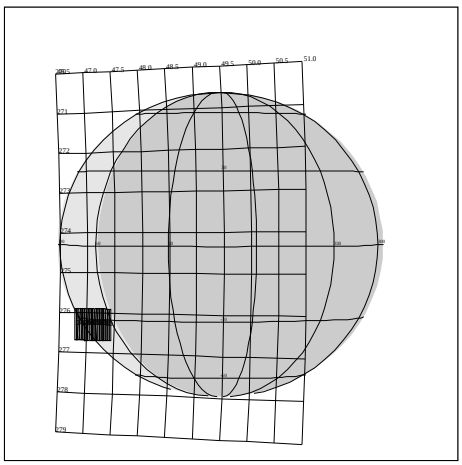

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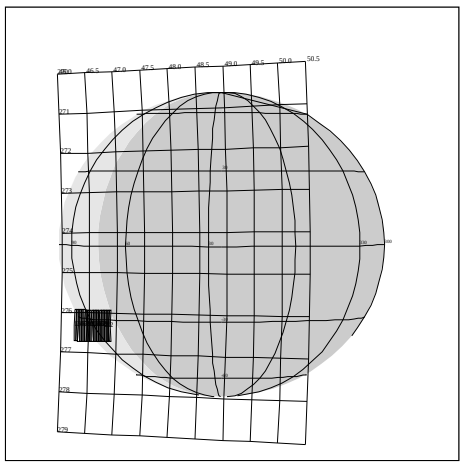

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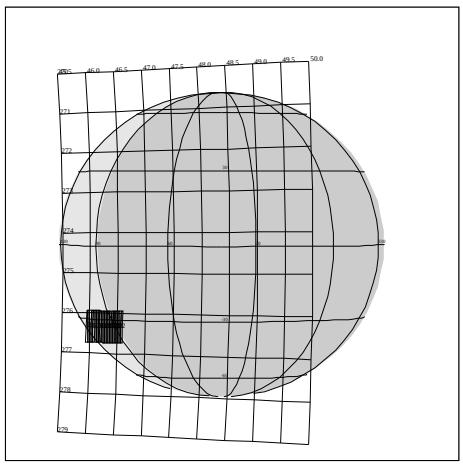

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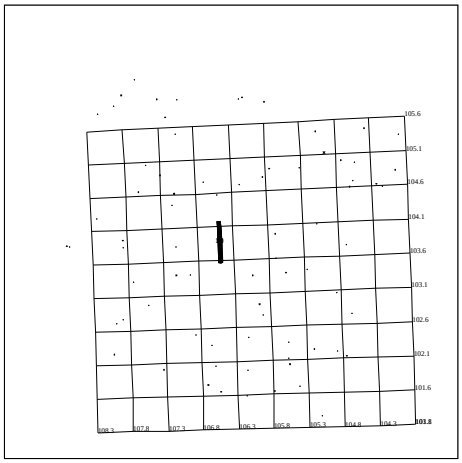

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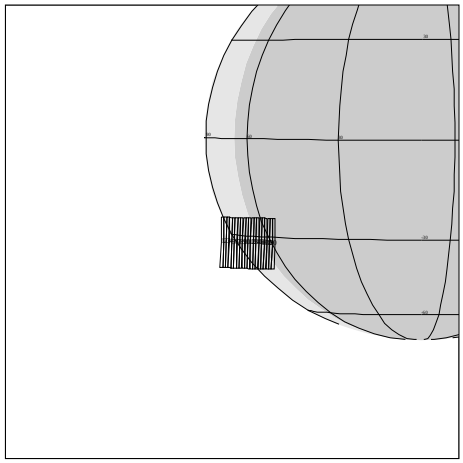

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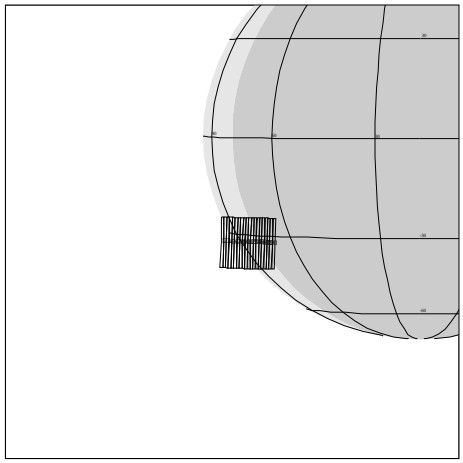

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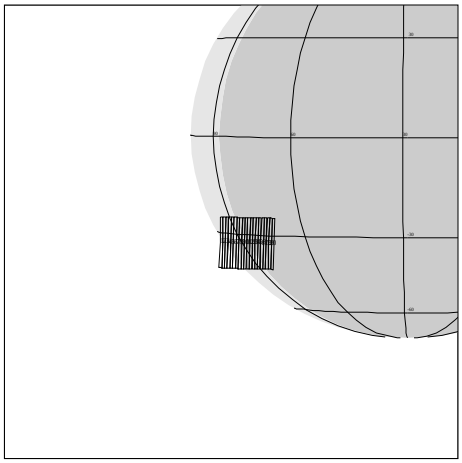

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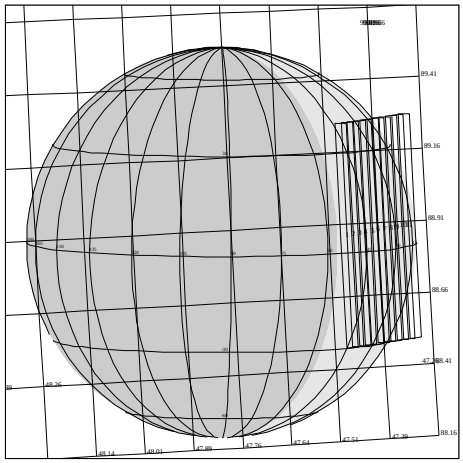

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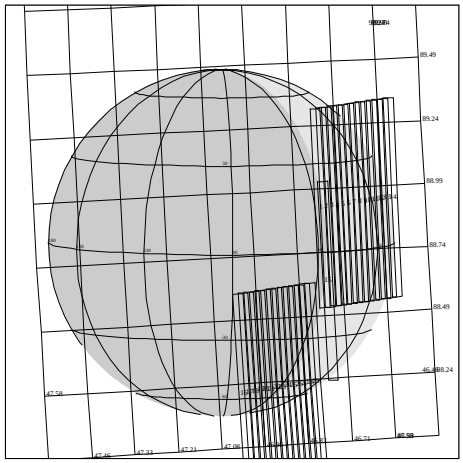

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