

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27

Date	Day	CET																								Code Markers		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0	
2013-11-19	Tu	ELP2012-022AM Verbiest								ELI2013-009A Serylak, Verbiest et al.																		
2013-11-20	We	ELI2013-009A Serylak, Verbiest et al.								*0	ELI2013-000 ILT Operations																	
2013-11-21	Th	ELI2013-000 ILT Operations																										
2013-11-22	Fr	ELI2013-000 ILT Operations																										
2013-11-23	Sa	ELI2013-000 ILT Operations																										
2013-11-24	Su	ELI2013-000 ILT Operations																										
2013-11-25	Mo	ELI2013-000 ILT Operations								*0	ELT2013-006A Horneffer						ELP2012-022AM Verbiest											
2013-11-26	Tu	ELP2012-022AM Verbiest								ELT2013-006B Horneffer						ELX2013-002A Verbiest												
2013-11-27	We	ELX2013-002A Verbiest								*0	ELI2013-000 ILT Operations																	
		UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
		LST	6						Sunrise						18						Sunset						0	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

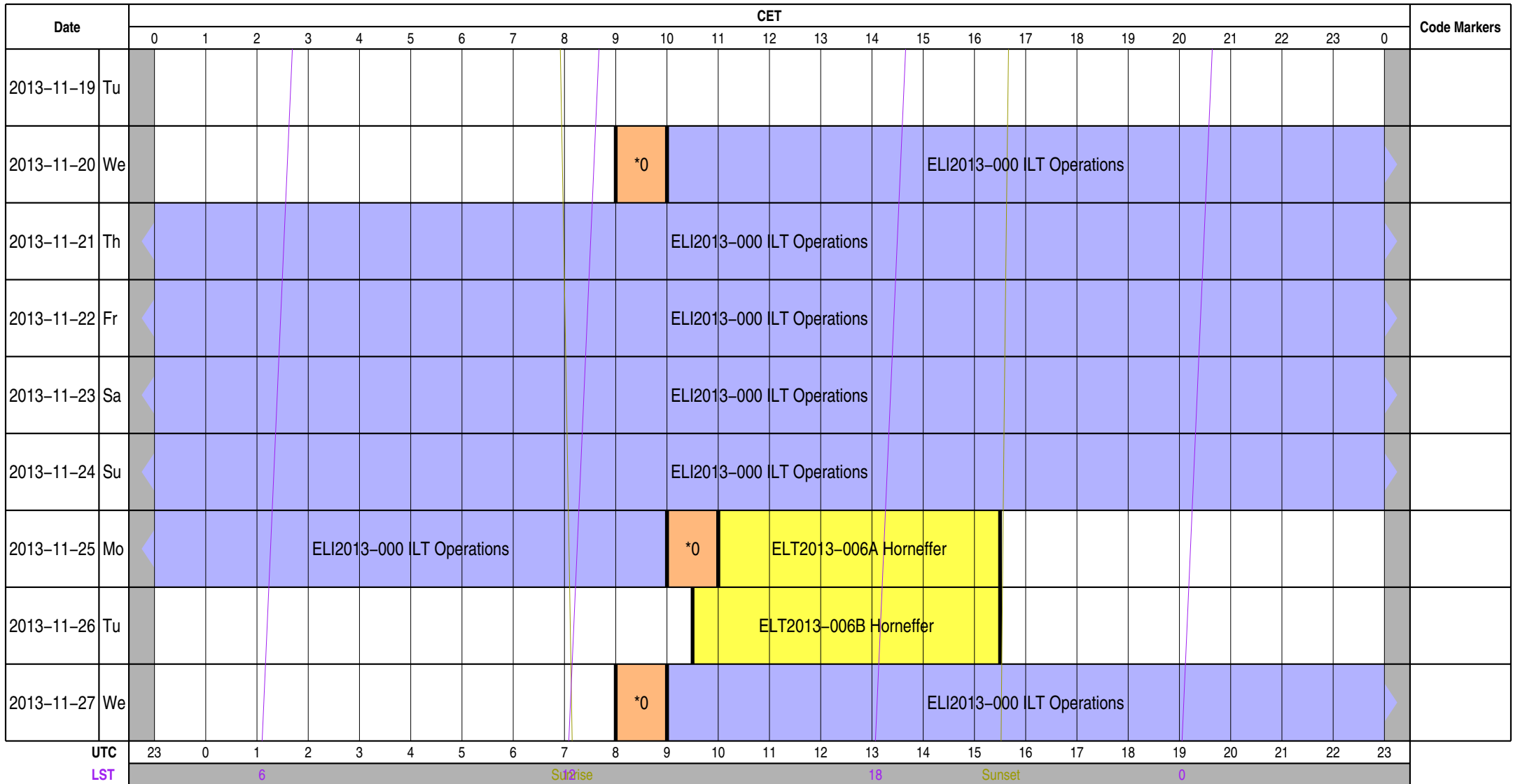
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for HBA MPIfR Effelsberg LOFAR Station 2013-11-19 through 2013-11-27

For any publication based on observations with the Effelsberg LOFAR station, please use the following acknowledgment: "Based on observations made with the Effelsberg LOFAR station of the Max-Planck-Institut für Radioastronomie (MPIfR) at Effelsberg."

Date	Day	CET																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-11-19	Tu	ELP2012-022AM Verbiest								ELI2013-009A Serylak, Verbiest et al.																	
2013-11-20	We	ELI2013-009A Serylak, Verbiest et al.								*0	ELI2013-000 ILT Operations																
2013-11-21	Th	ELI2013-000 ILT Operations																									
2013-11-22	Fr	ELI2013-000 ILT Operations																									
2013-11-23	Sa	ELI2013-000 ILT Operations																									
2013-11-24	Su	ELI2013-000 ILT Operations																									
2013-11-25	Mo	ELI2013-000 ILT Operations								*0	ELT2013-006A Horneffer				ELP2012-022AM Verbiest												
2013-11-26	Tu	ELP2012-022AM Verbiest								ELT2013-006B Horneffer				ELX2013-002A Verbiest													
2013-11-27	We	ELX2013-002A Verbiest								*0	ELI2013-000 ILT Operations																
UTC		23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST		6						Sunrise						18						Sunset						0	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

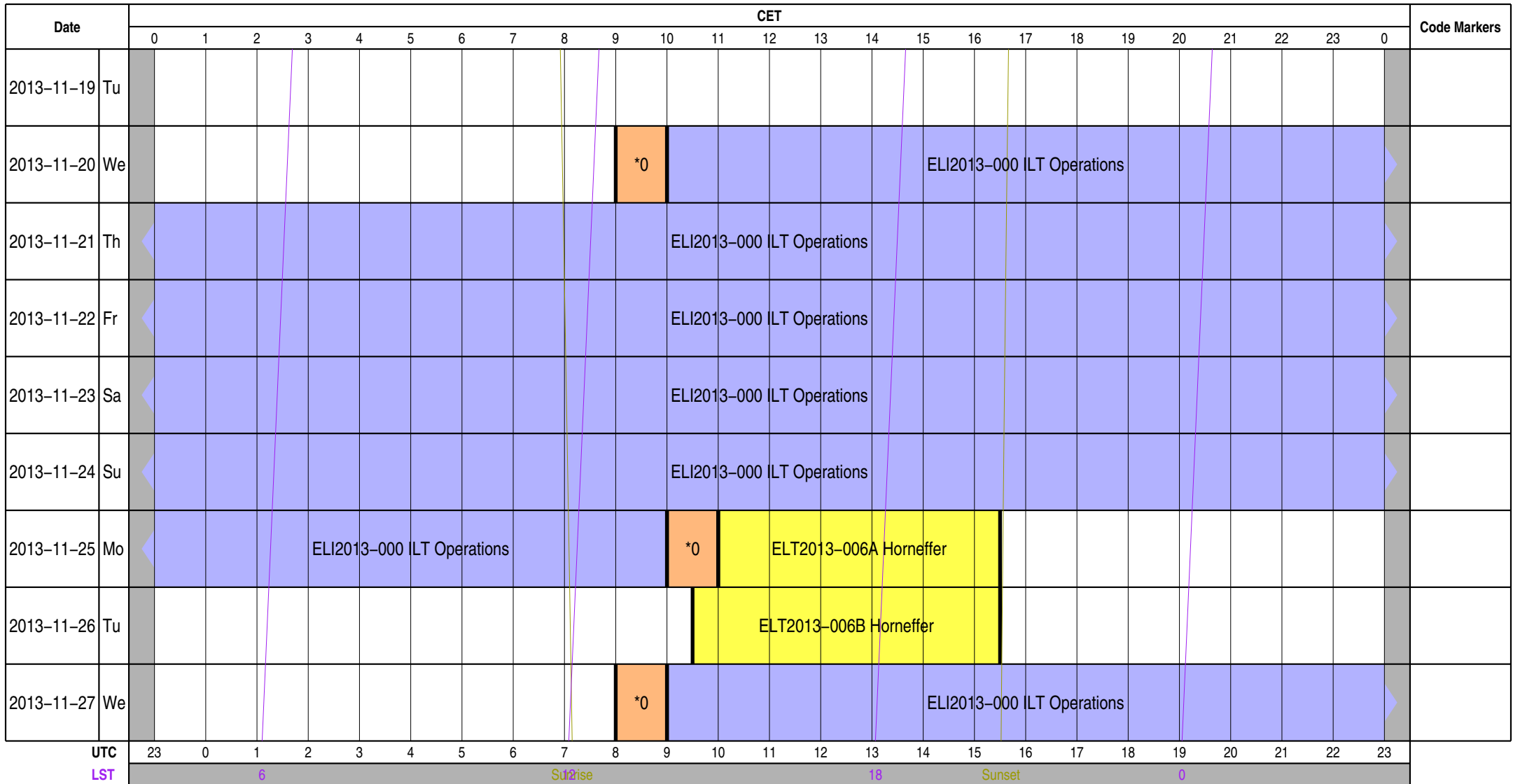
Other Code Markers

Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-11-19 through 2013-11-27

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

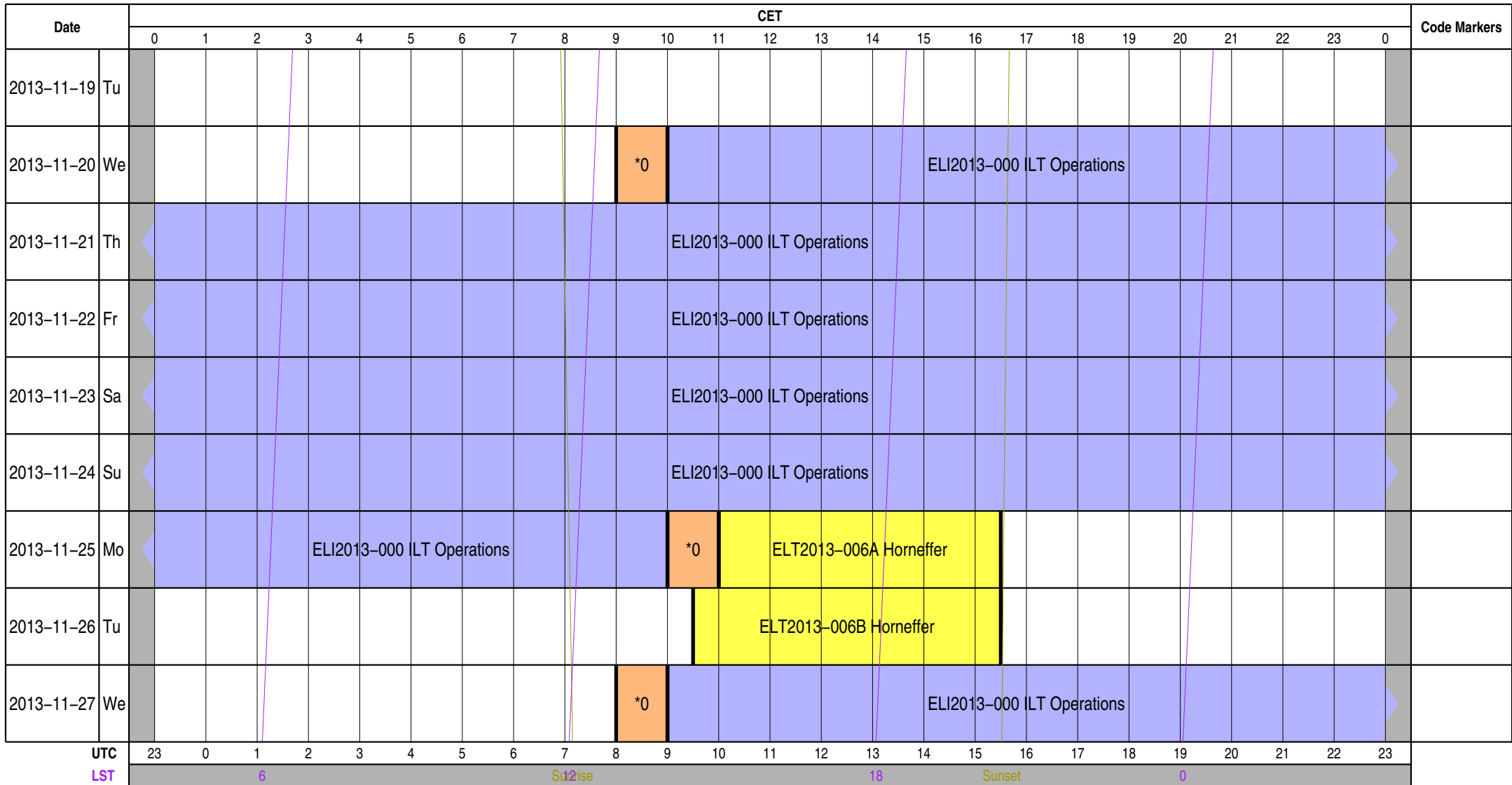
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for Low Band Low, Unused Inputs

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

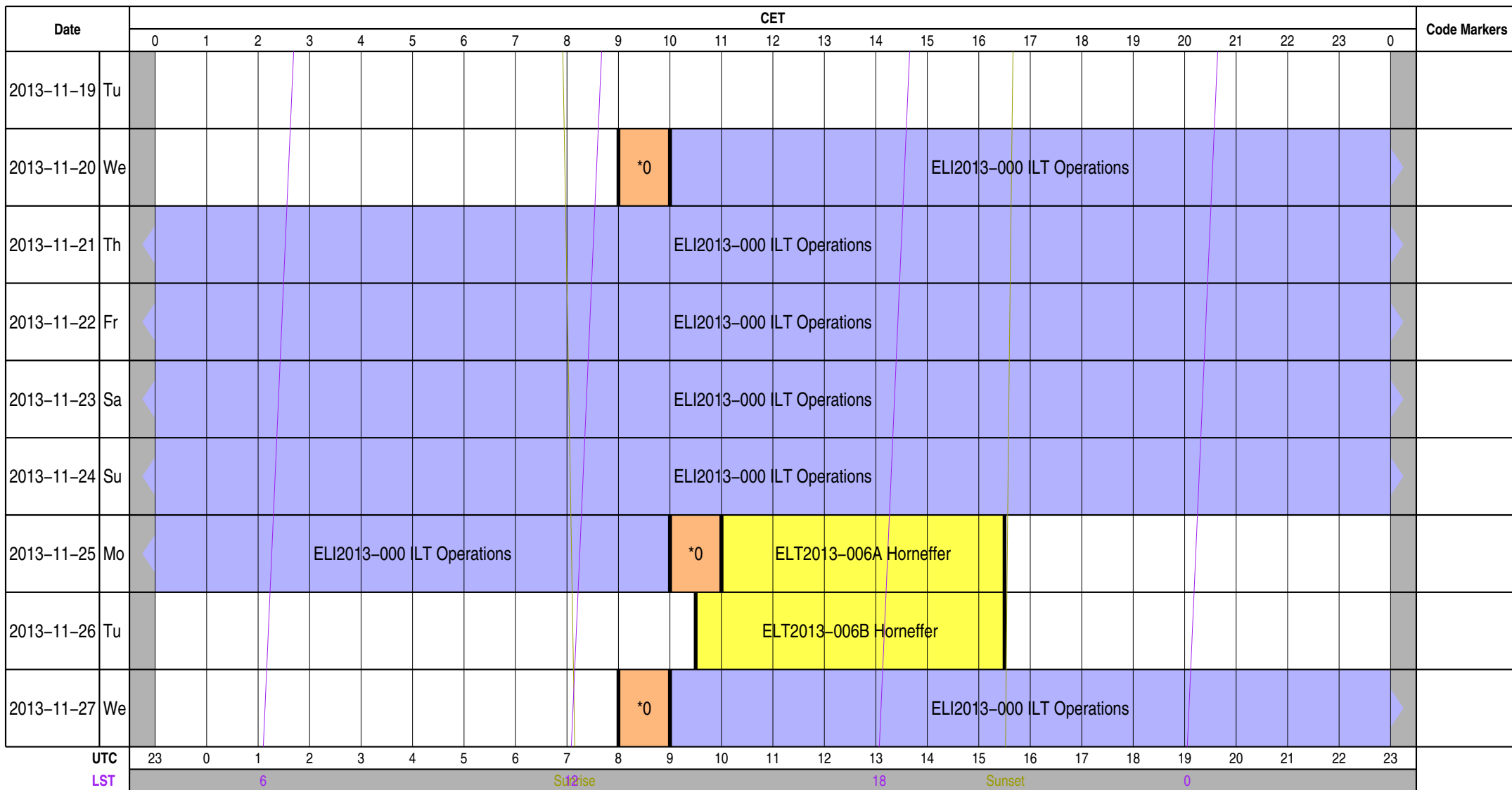
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for Station Interferometer

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

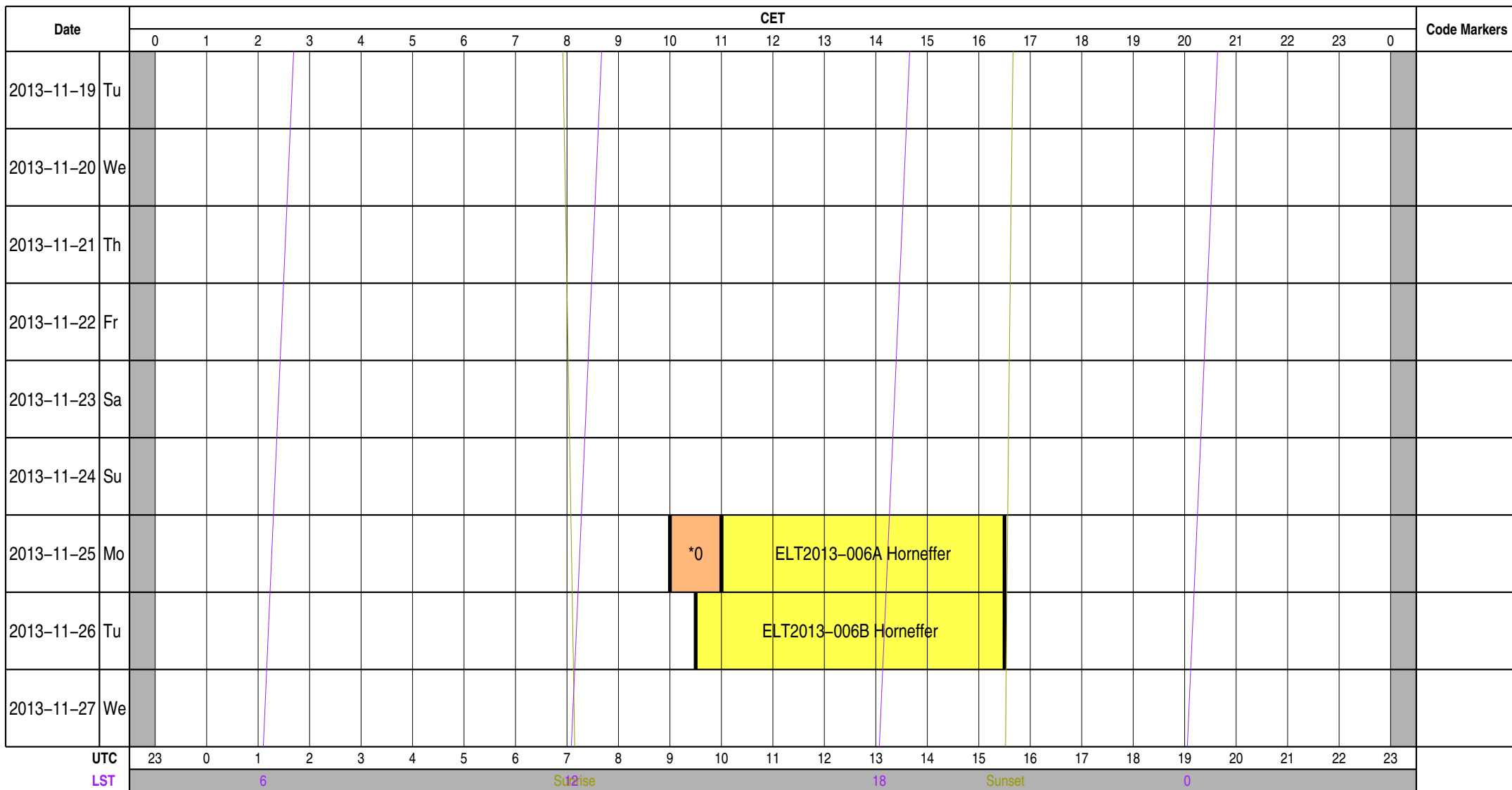
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

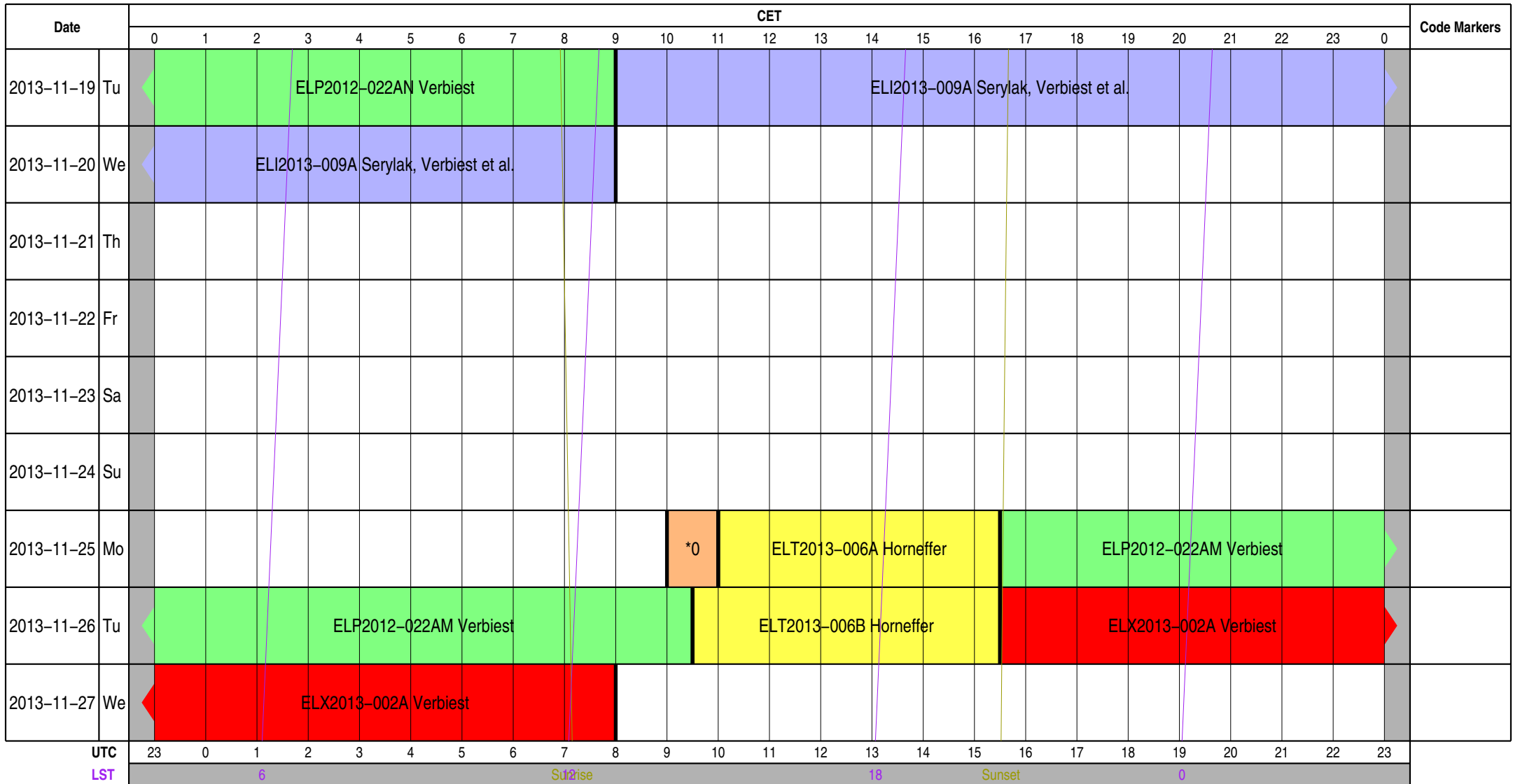
Other Code Markers

Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for IofarBN Computers MPIfR Effelsberg LOFAR Station 2013-11-19 through 2013-11-27

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

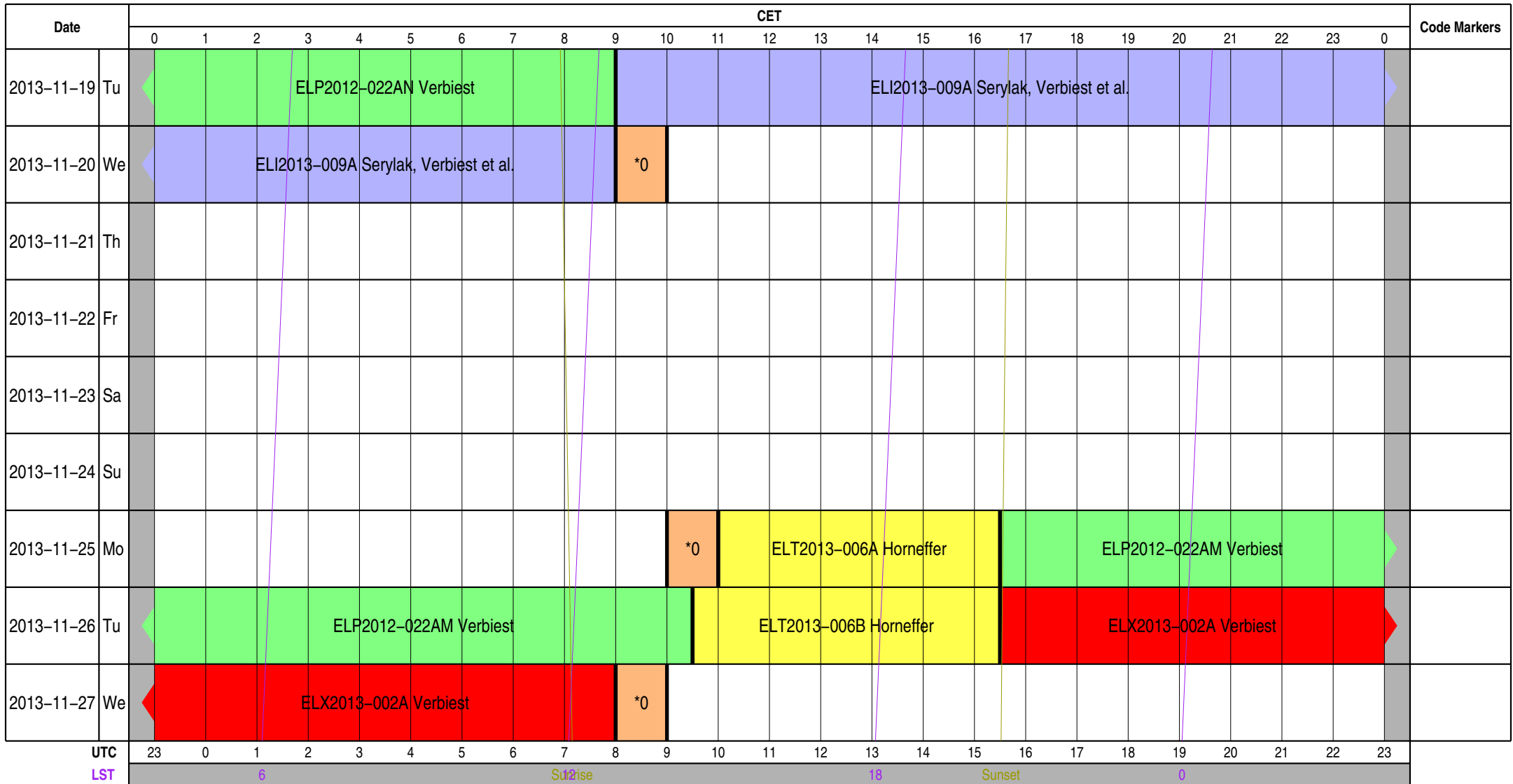
Other Code Markers

Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for lofarx Computer MPIfR Effelsberg LOFAR Station 2013-11-19 through 2013-11-27

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

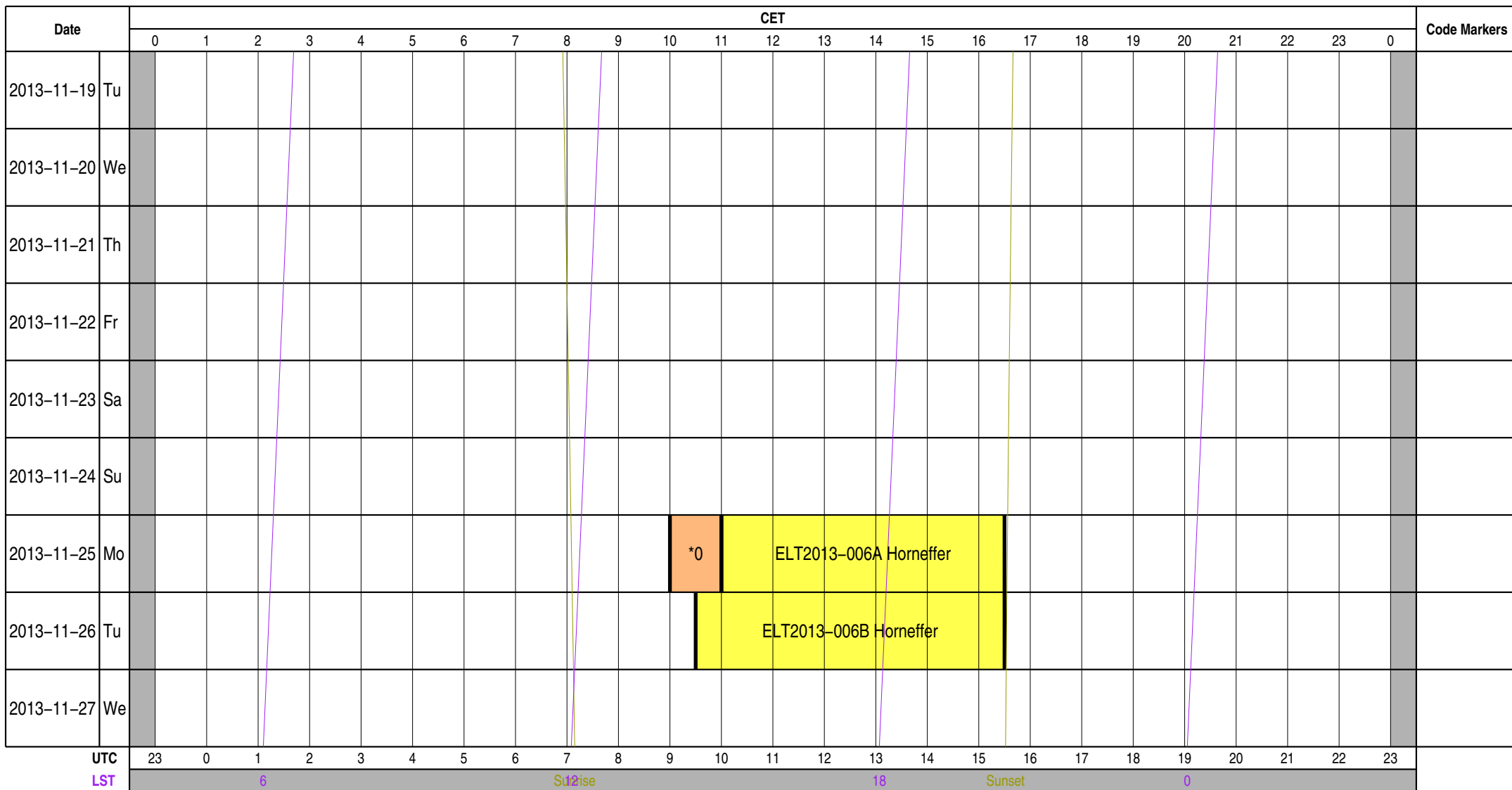
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for lofarsrv Computer

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

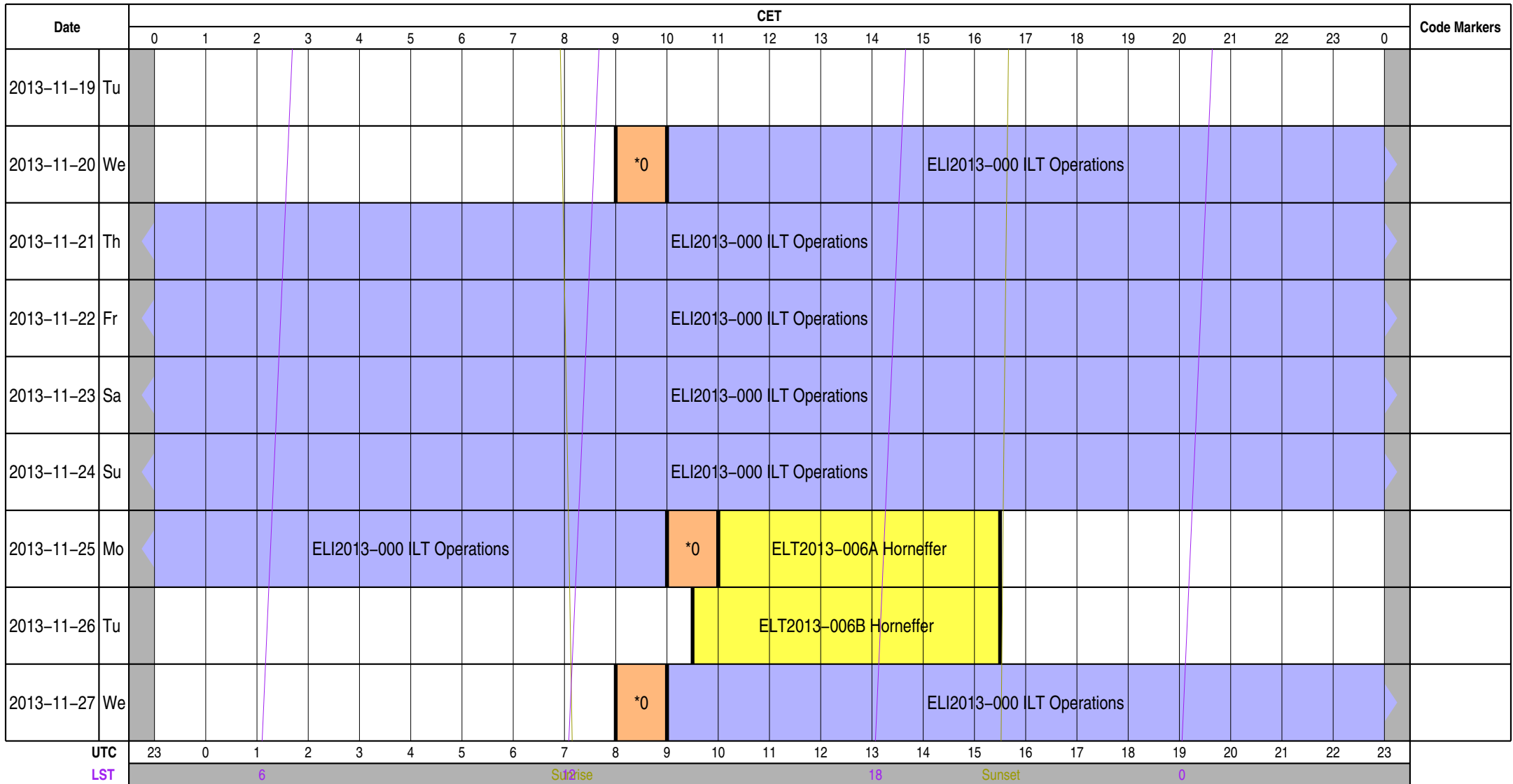
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for LOFAR Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

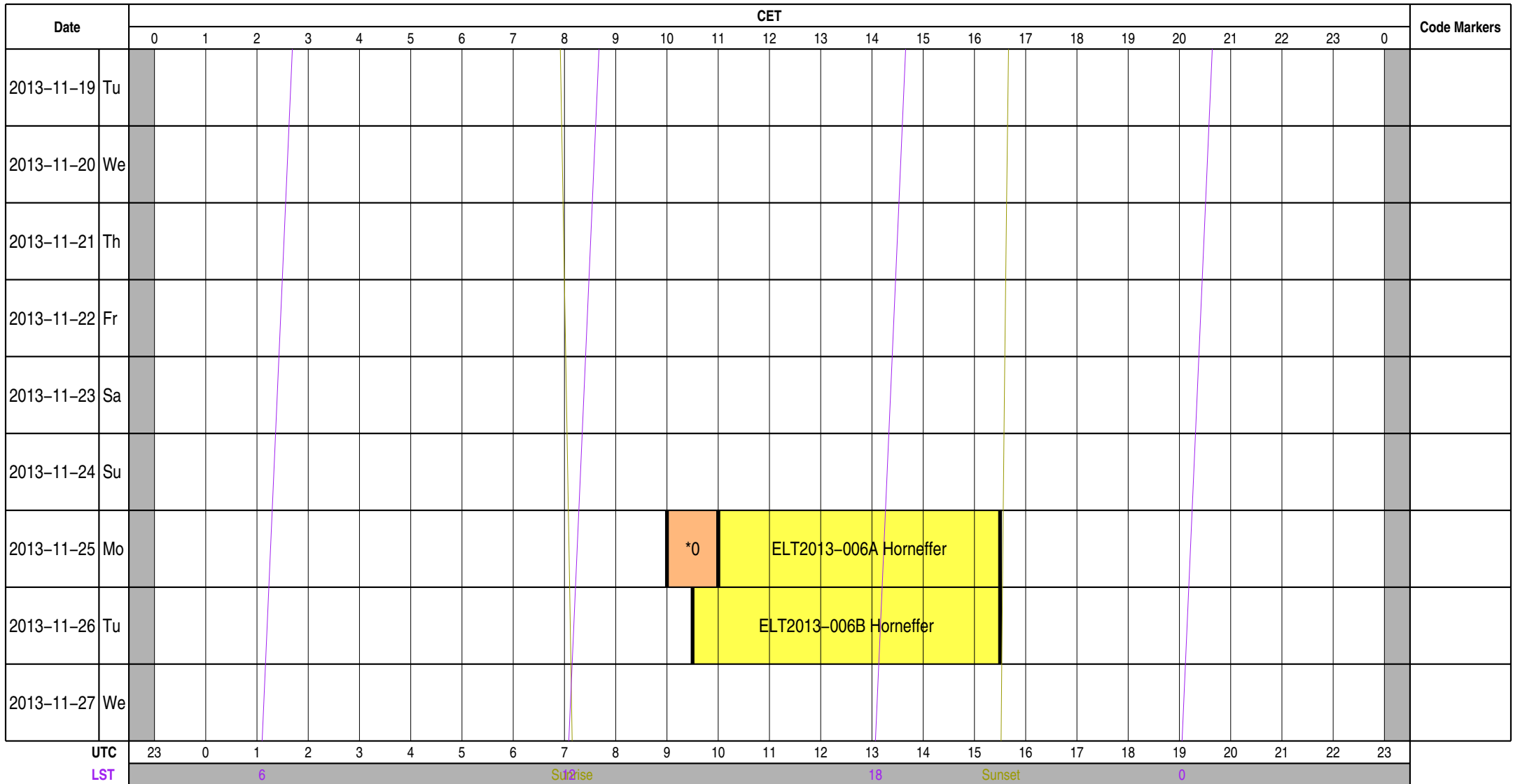
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

*0 ELT2013-006A Horneffer

ELT2013-006B Horneffer

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Version: draft
 Creation Date: 2013-12-19T14:30:53.335236Z
 Operator Telephone: +49 2257 301 155
 Web Page: https://deki.mpifr-bonn.mpg.de/Cooperations/LOFAR/Effelsberg_LOFAR_Schedule

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-11-19 through 2013-11-27

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Date	CET																								Code Markers		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0	
2013-11-19 Tu																											
2013-11-20 We																											
2013-11-21 Th																											
2013-11-22 Fr																											
2013-11-23 Sa																											
2013-11-24 Su																											
2013-11-25 Mo																											
2013-11-26 Tu																											
2013-11-27 We																											

UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
LST	6																								
									Sunrise							18		Sunset							

Normal Experiment Code Markers

Other Code Markers

Color Meanings

- 100 m Operator
- Anderson
- Kuniyoshi
- Horneffer
- Other
- Unknown

Experiment Information for Normal Observations

ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2013-009	Serylak, Verbiest et al.	joris.verbiest@gmail.com	+49 521 106 3184	LC1_048 Studying Pulsars and the Interstellar Medium using
ELI2013-009 A	Serylak, Verbiest et al.	joris.verbiest@gmail.com	+49 521 106 3184	LC1_048 Studying Pulsars and the Interstellar Medium using
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpifr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpifr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpifr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AM	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELT2013-006	Horneffer	ahorneffer@mpifr-bonn.mpg.de	+49 228 525 505	testing GLOW mode setup
ELT2013-006 A	Horneffer	ahorneffer@mpifr-bonn.mpg.de	+49 228 525 505	testing GLOW mode setup
ELT2013-006 B	Horneffer	ahorneffer@mpifr-bonn.mpg.de	+49 228 525 505	testing GLOW mode setup
ELX2013-002	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Loose fiber connector on switch S2
ELX2013-002 A	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Loose fiber connector on switch S2

Experiment Information for Other Actions

Experiment Information for Operator On-Duty Schedule

Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELI2013-000	134.00	134.00	134.00	134.00	134.00	134.00					134.00		
ELI2013-000	120.00	120.00	120.00	120.00	120.00	120.00					120.00		
ELI2013-000	14.00	14.00	14.00	14.00	14.00	14.00					14.00		
ELI2013-009	24.00		24.00					24.00	24.00				
ELI2013-009 A	24.00		24.00					24.00	24.00				
ELM2013-012	3.00	3.00	3.00	3.00	3.00	3.00	1.00	1.00	3.00	1.00	3.00	1.00	
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00			1.00		1.00		
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00			1.00		1.00		
ELP2012-022	27.00		27.00					27.00	27.00				
ELP2012-022 AM	18.00		18.00					18.00	18.00				
ELP2012-022 AN	9.00		9.00					9.00	9.00				
ELT2013-006	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	
ELT2013-006 A	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	
ELT2013-006 B	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	
ELX2013-002	16.50		16.50					16.50	16.50				
ELX2013-002 A	16.50		16.50					16.50	16.50				

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
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Time Usage [hours] for Operator On-Duty Schedule

Experiment Code

station

TBB

HBA

LBH

LBL

interfe

lofarAN

lofarBN

lofarx

lofarsr

fiber

BN--EF_

duty

