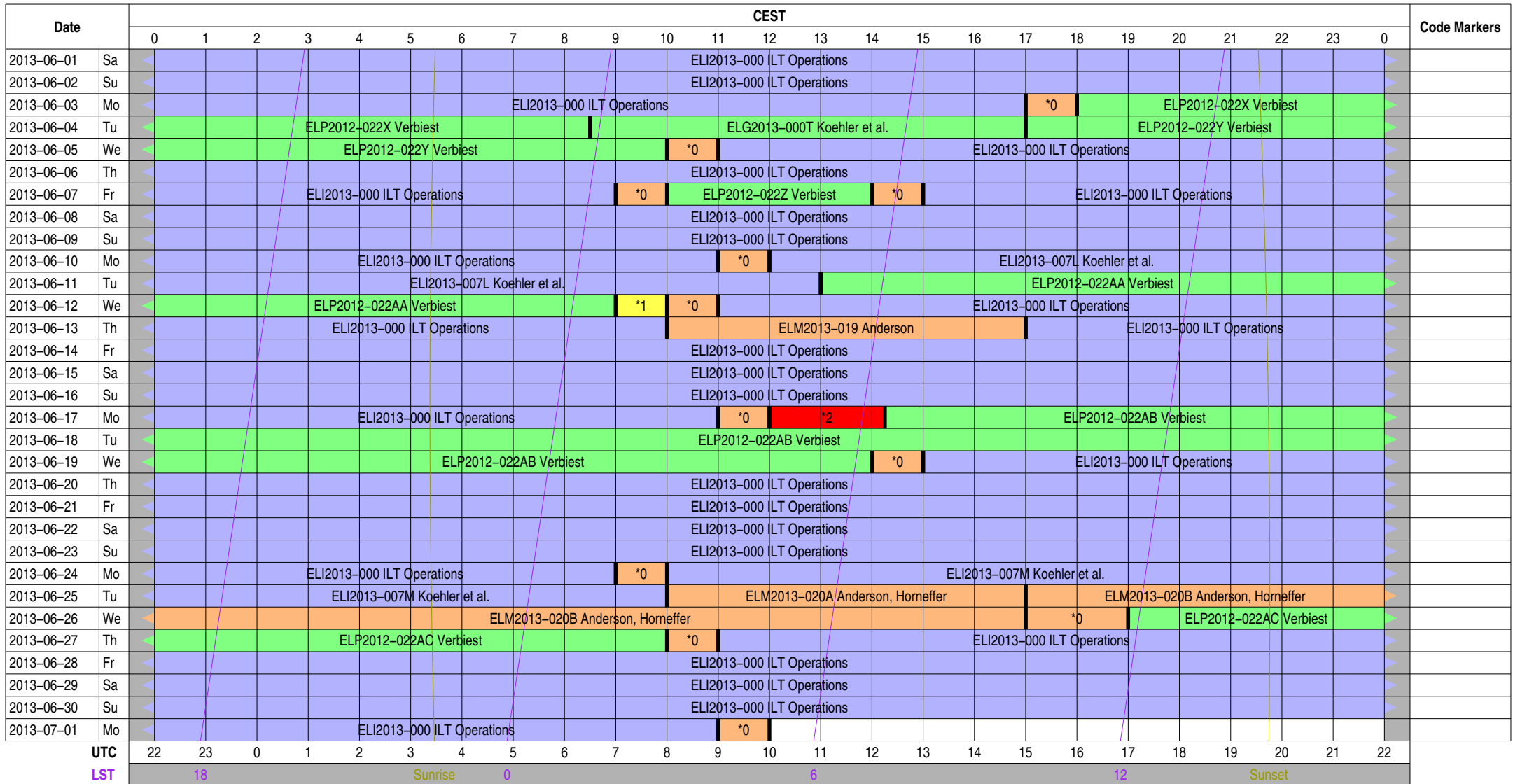


Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-06-01 through 2013-07-01



Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneffer
- 1 ELP2012-005B Anderson
- 2 ELX2013-001 Horneffer

Other Code Markers

Color Meanings

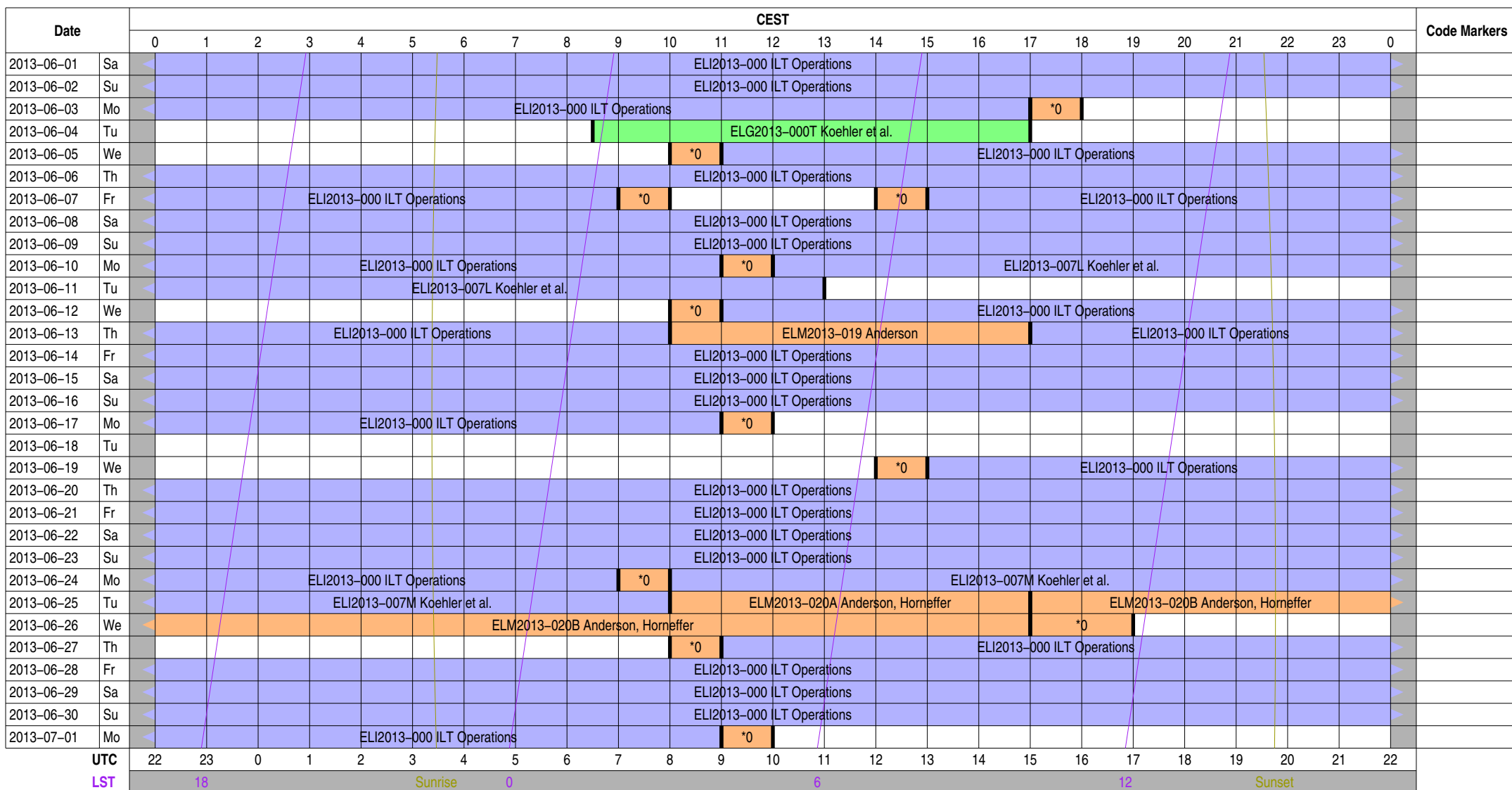
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (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

2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneffer

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 2013-06-01 through 2013-07-01

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	CEST																								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
2013-06-01	Sa																									
2013-06-02	Su																									
2013-06-03	Mo																									
2013-06-04	Tu																									
2013-06-05	We																									
2013-06-06	Th																									
2013-06-07	Fr																									
2013-06-08	Sa																									
2013-06-09	Su																									
2013-06-10	Mo																									
2013-06-11	Tu																									
2013-06-12	We																									
2013-06-13	Th																									
2013-06-14	Fr																									
2013-06-15	Sa																									
2013-06-16	Su																									
2013-06-17	Mo																									
2013-06-18	Tu																									
2013-06-19	We																									
2013-06-20	Th																									
2013-06-21	Fr																									
2013-06-22	Sa																									
2013-06-23	Su																									
2013-06-24	Mo																									
2013-06-25	Tu																									
2013-06-26	We																									
2013-06-27	Th																									
2013-06-28	Fr																									
2013-06-29	Sa																									
2013-06-30	Su																									
2013-07-01	Mo																									

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

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-005B Anderson

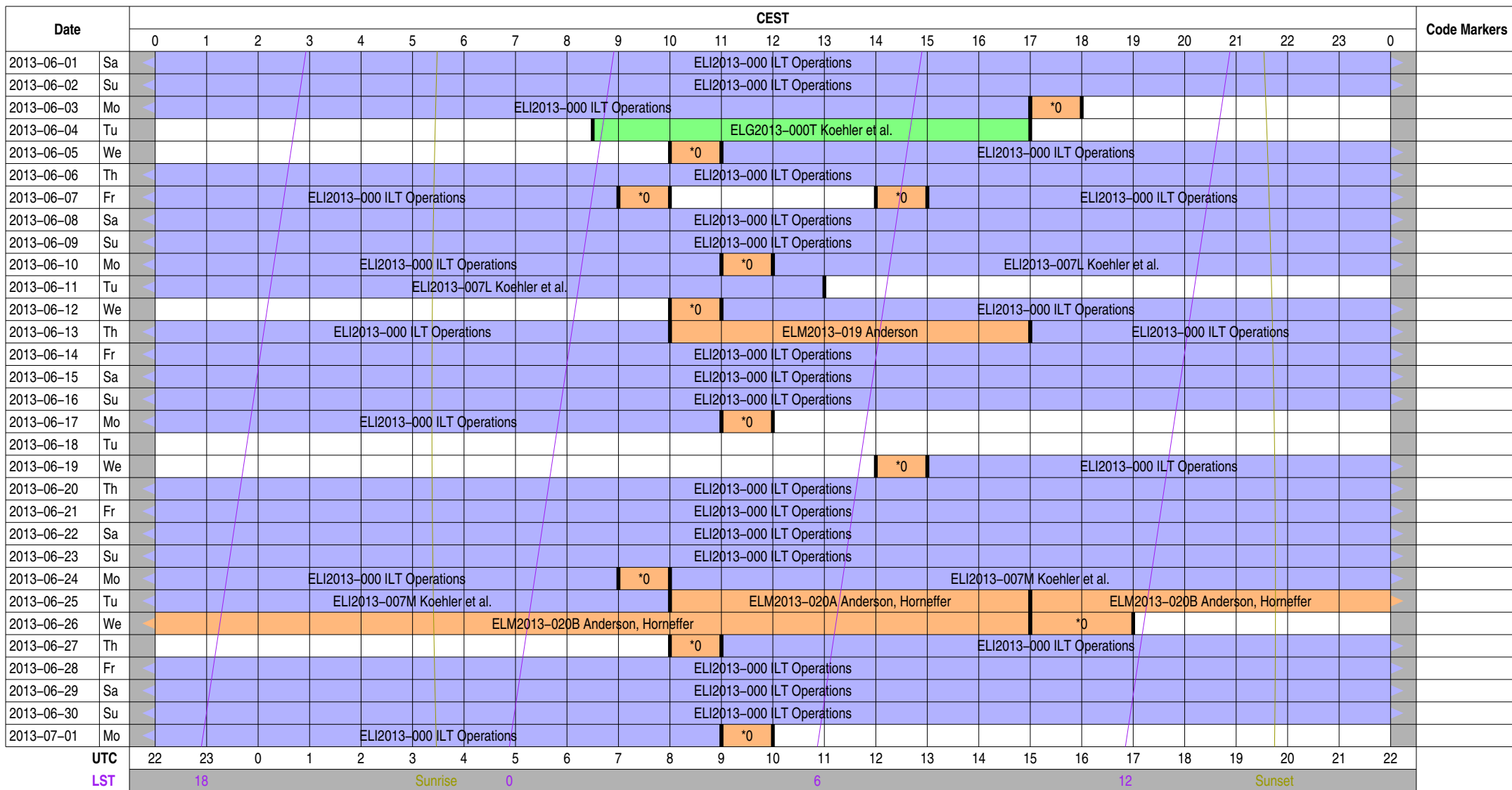
Other Code Markers

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 2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneffer

Other Code Markers

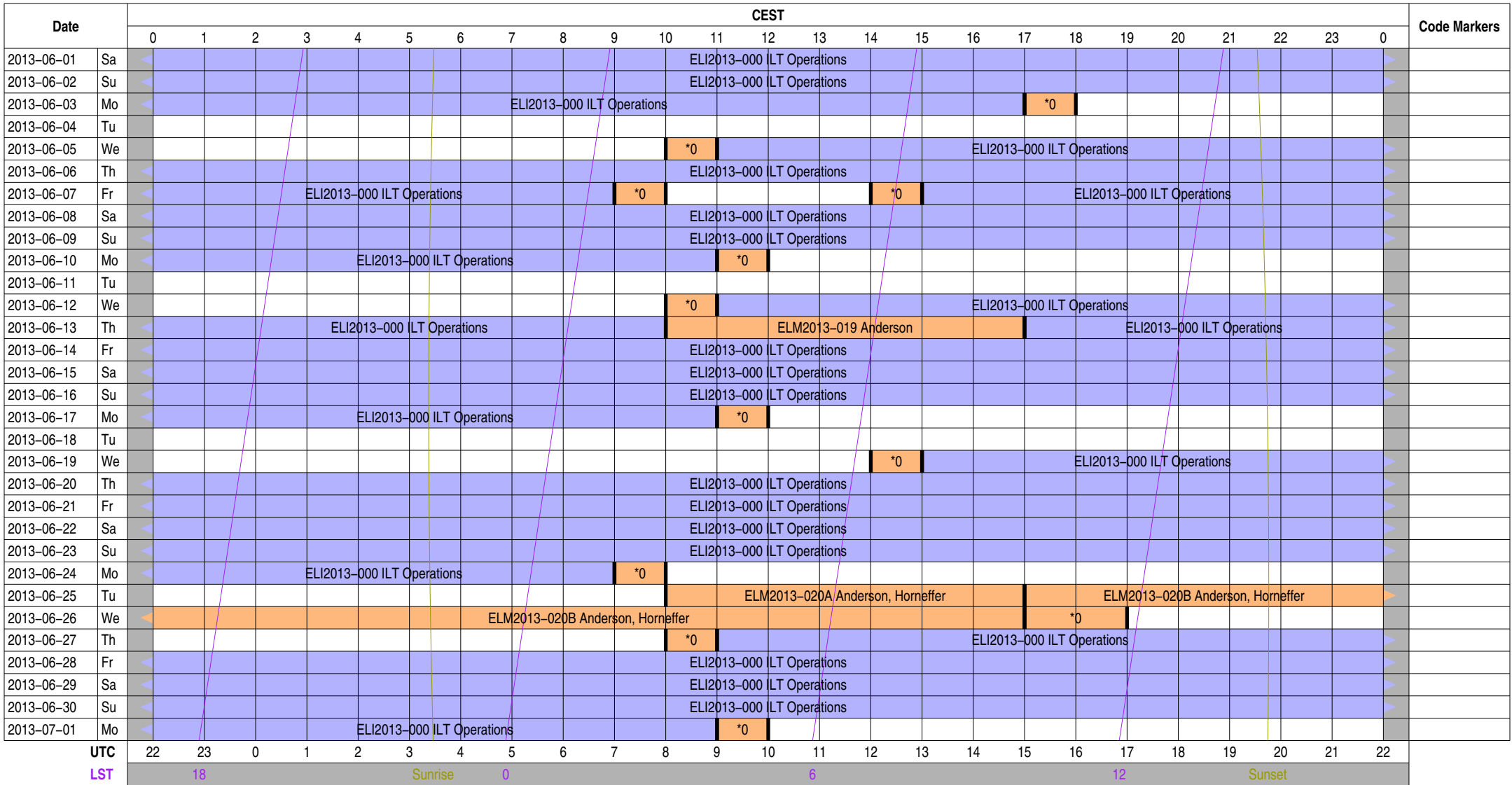
Color Meanings

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

2013-06-01 through 2013-07-01



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneffer

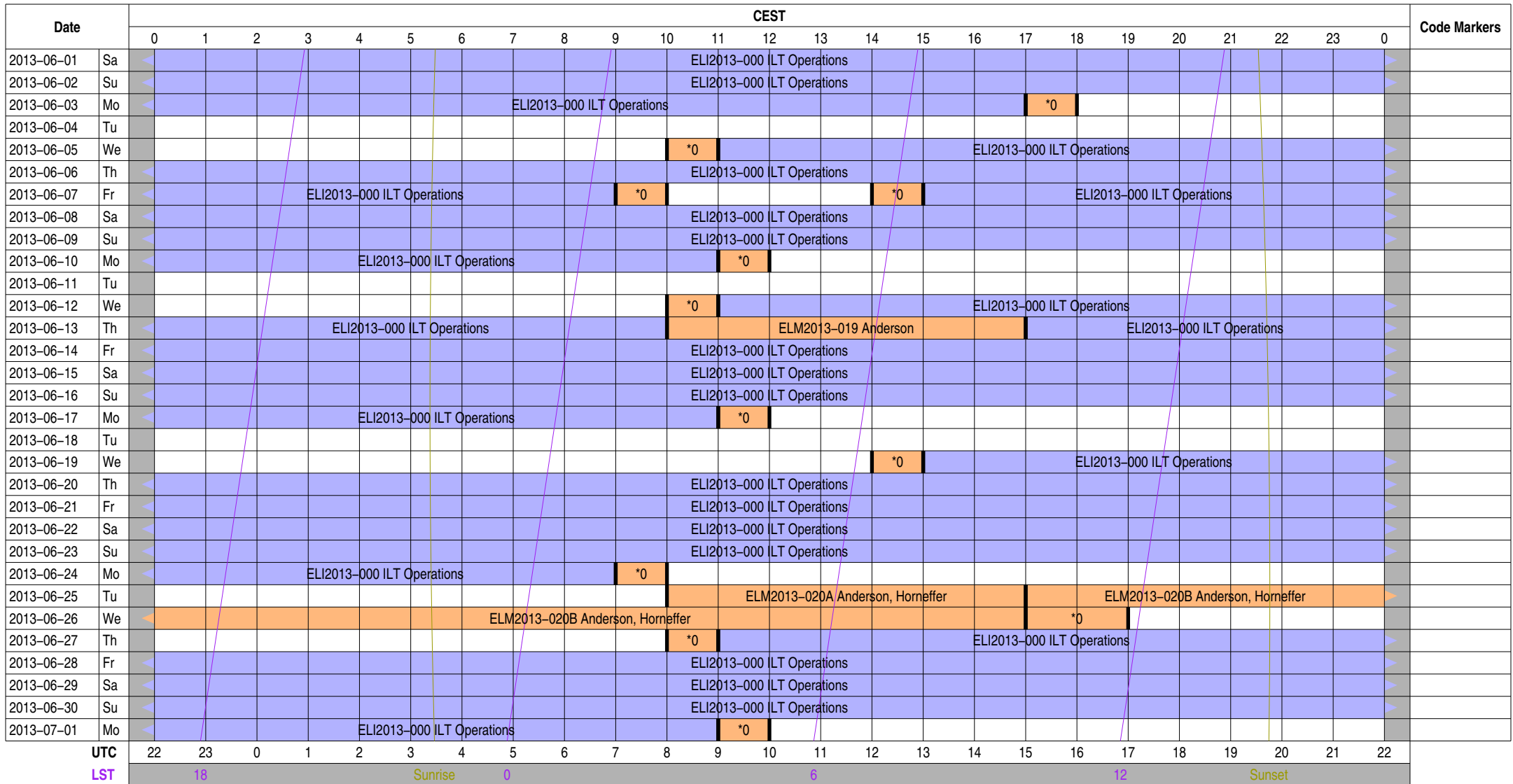
Other Code Markers

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 2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneffer

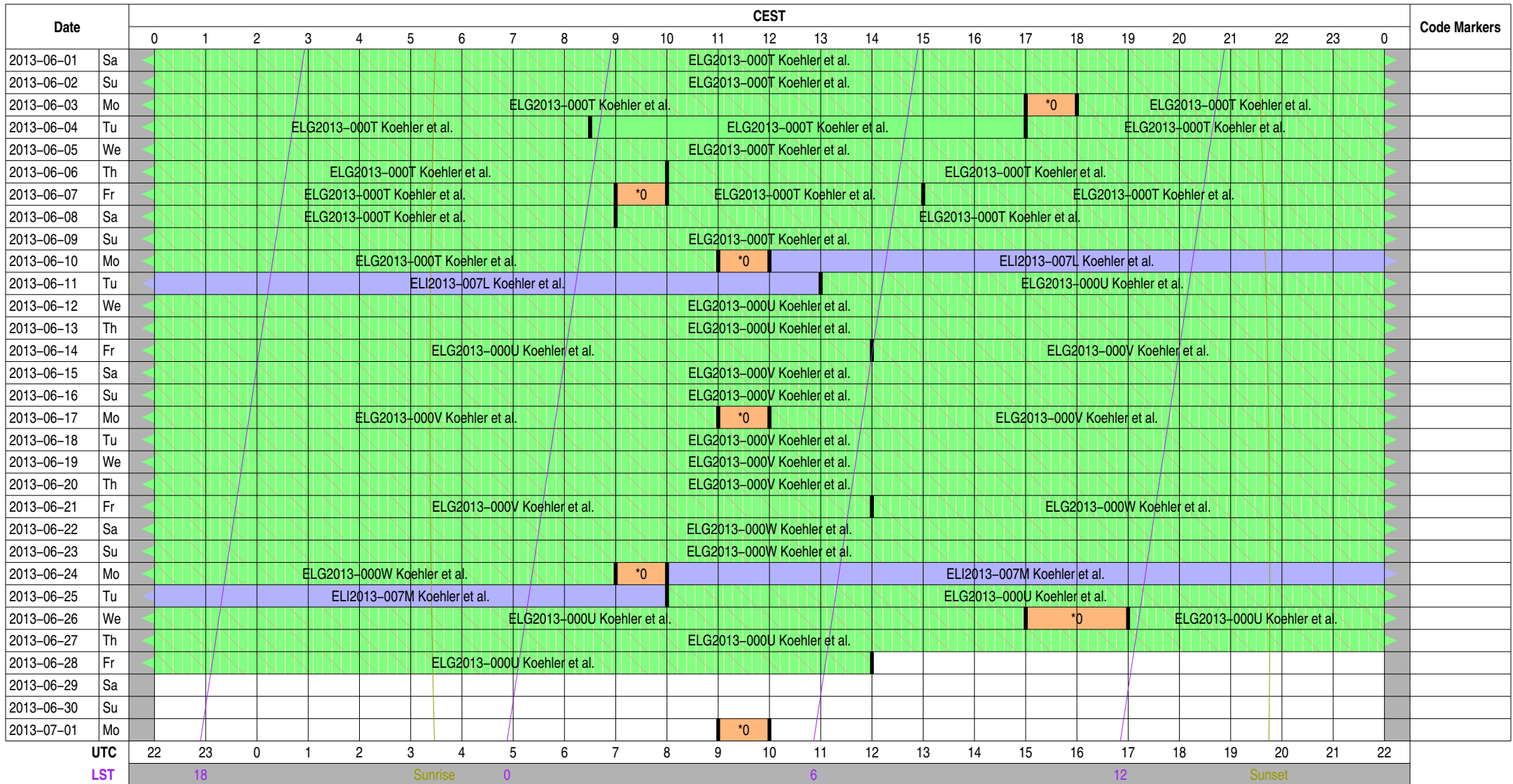
Other Code Markers

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 2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

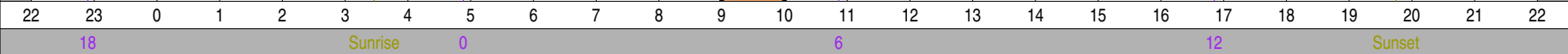
Other Code Markers

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	

UTC

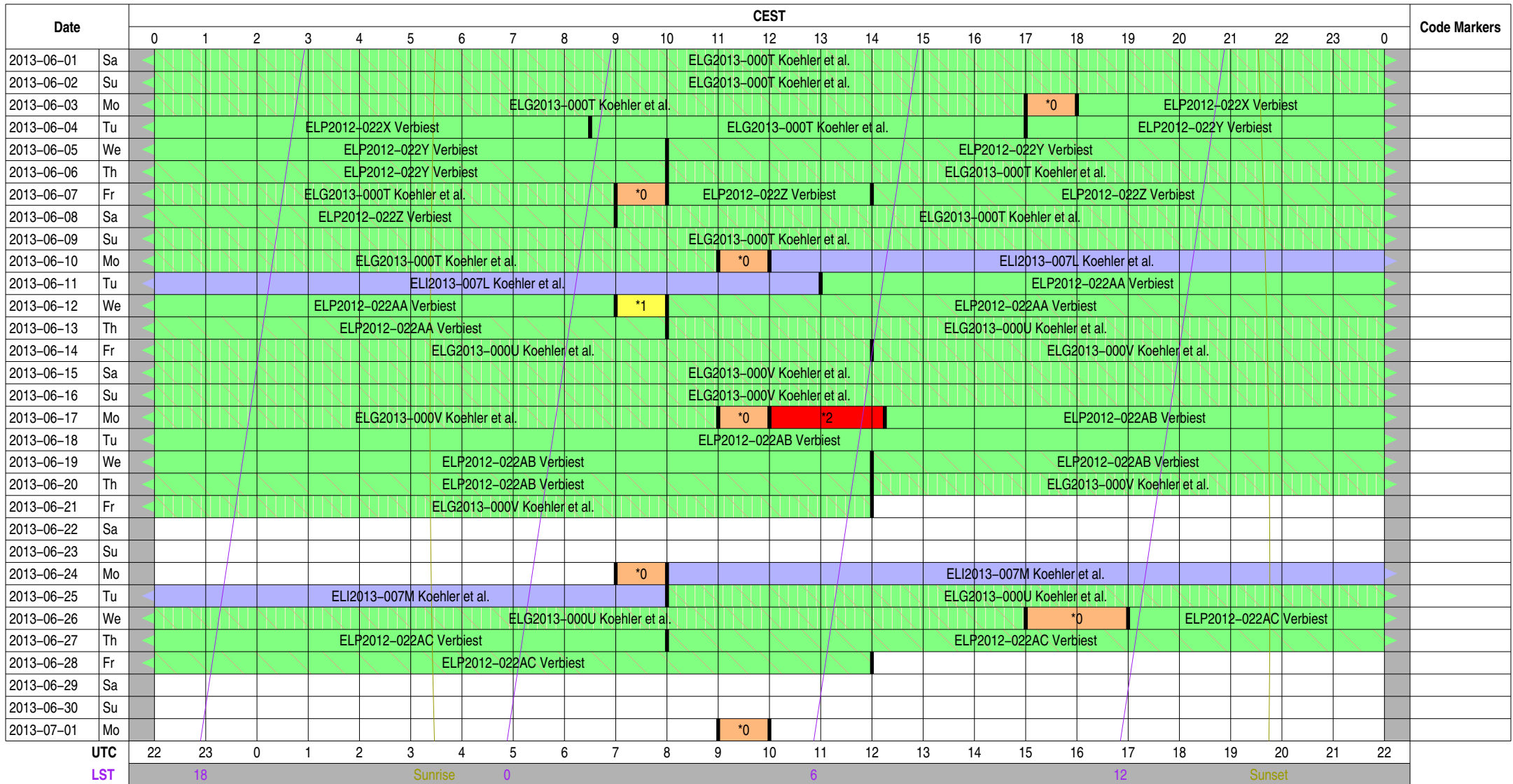
LST



Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-06-01 through 2013-07-01



Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2012-005B Anderson
- 2 ELX2013-001 Horneffer

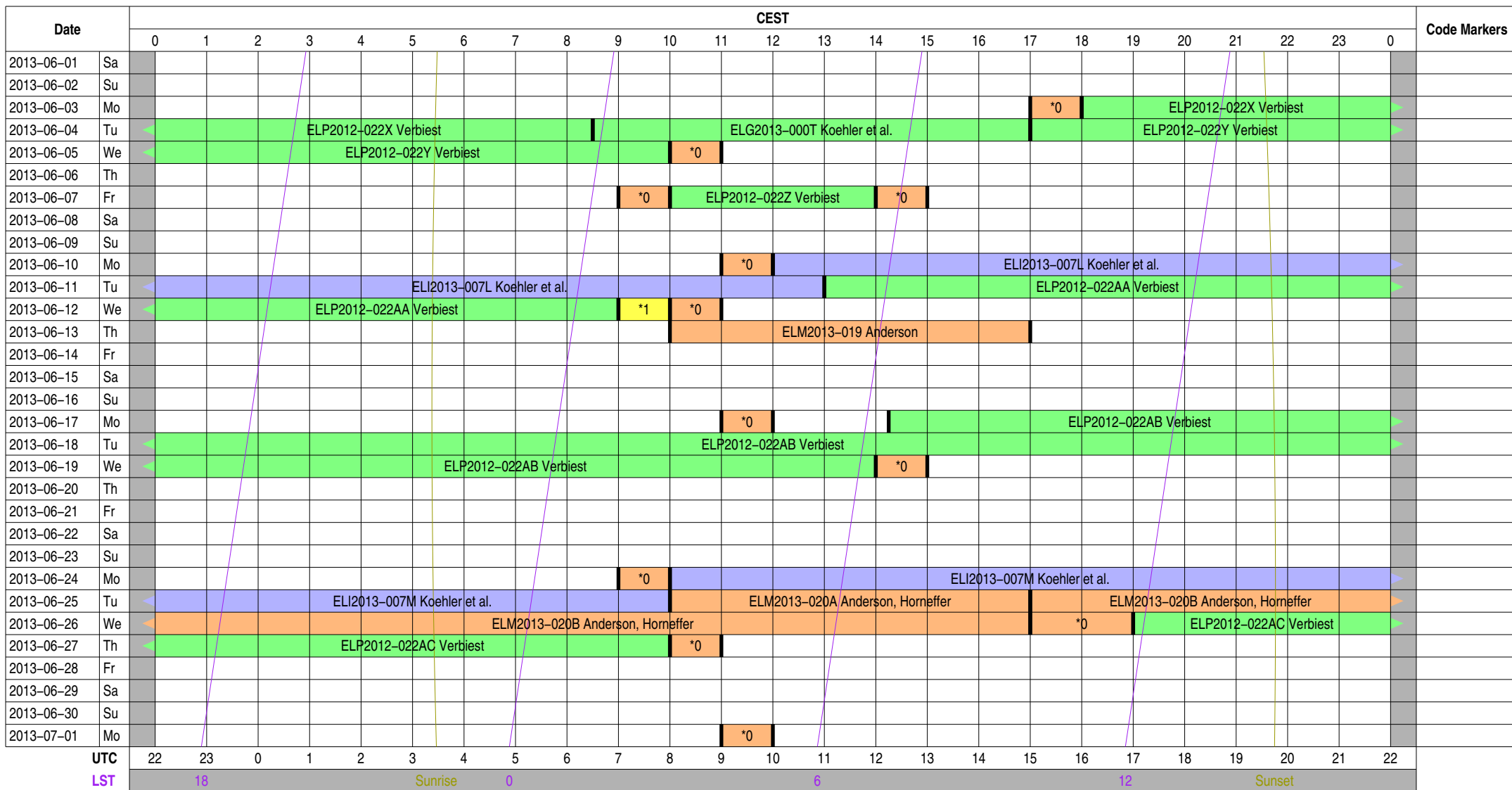
Other Code Markers

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 2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneffer
- 1 ELP2012-005B Anderson

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 | |

UTC

LST

Sunrise

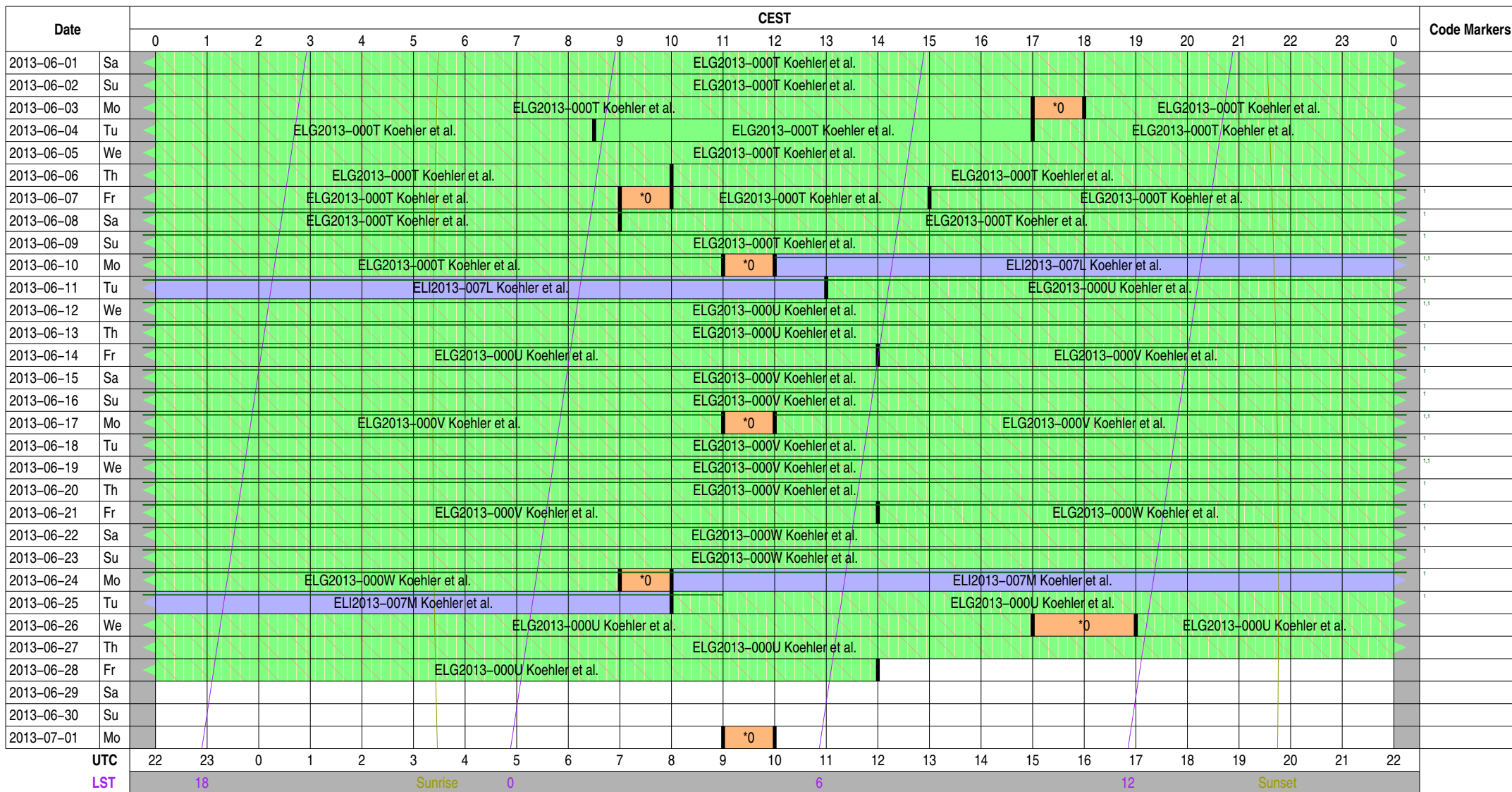
0

6

12

Sunset

Observing Plan for Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-06-01 through 2013-07-01



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELE2013-000B Horneff

Color Meanings

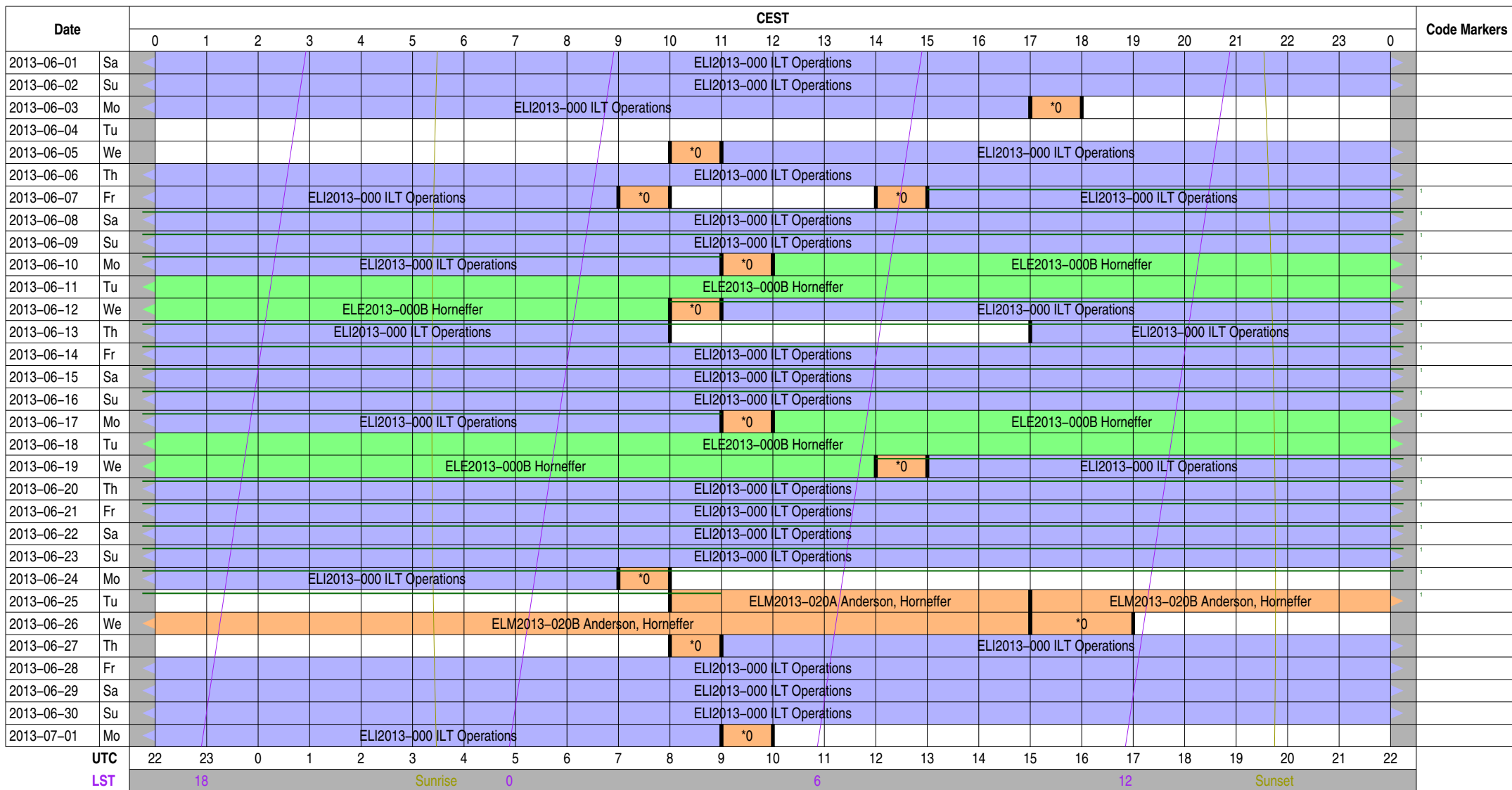
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for LOFAR Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELE2013-000B Horneffer

Color Meanings

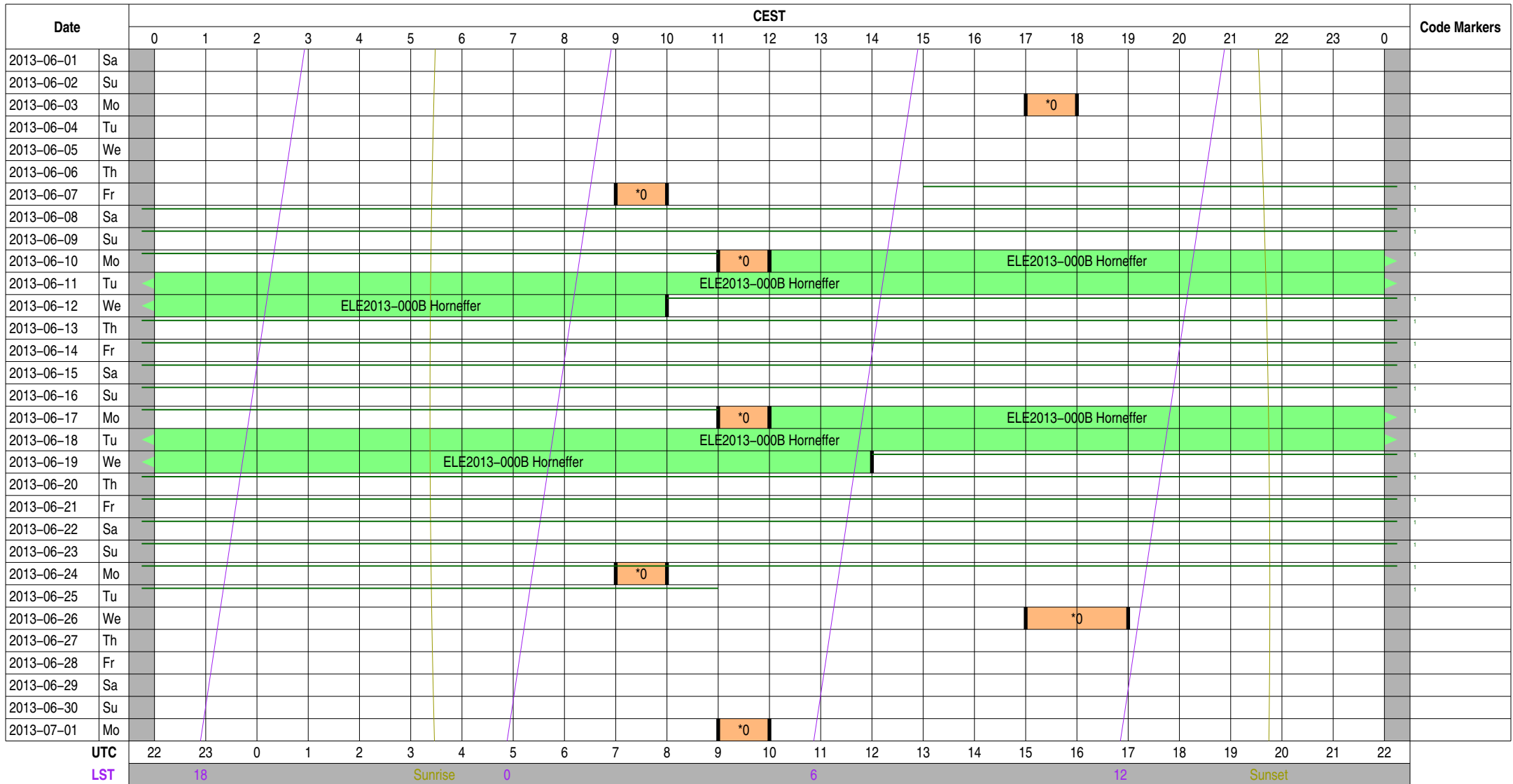
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-06-01 through 2013-07-01

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."



Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELE2013-000B Horneffer

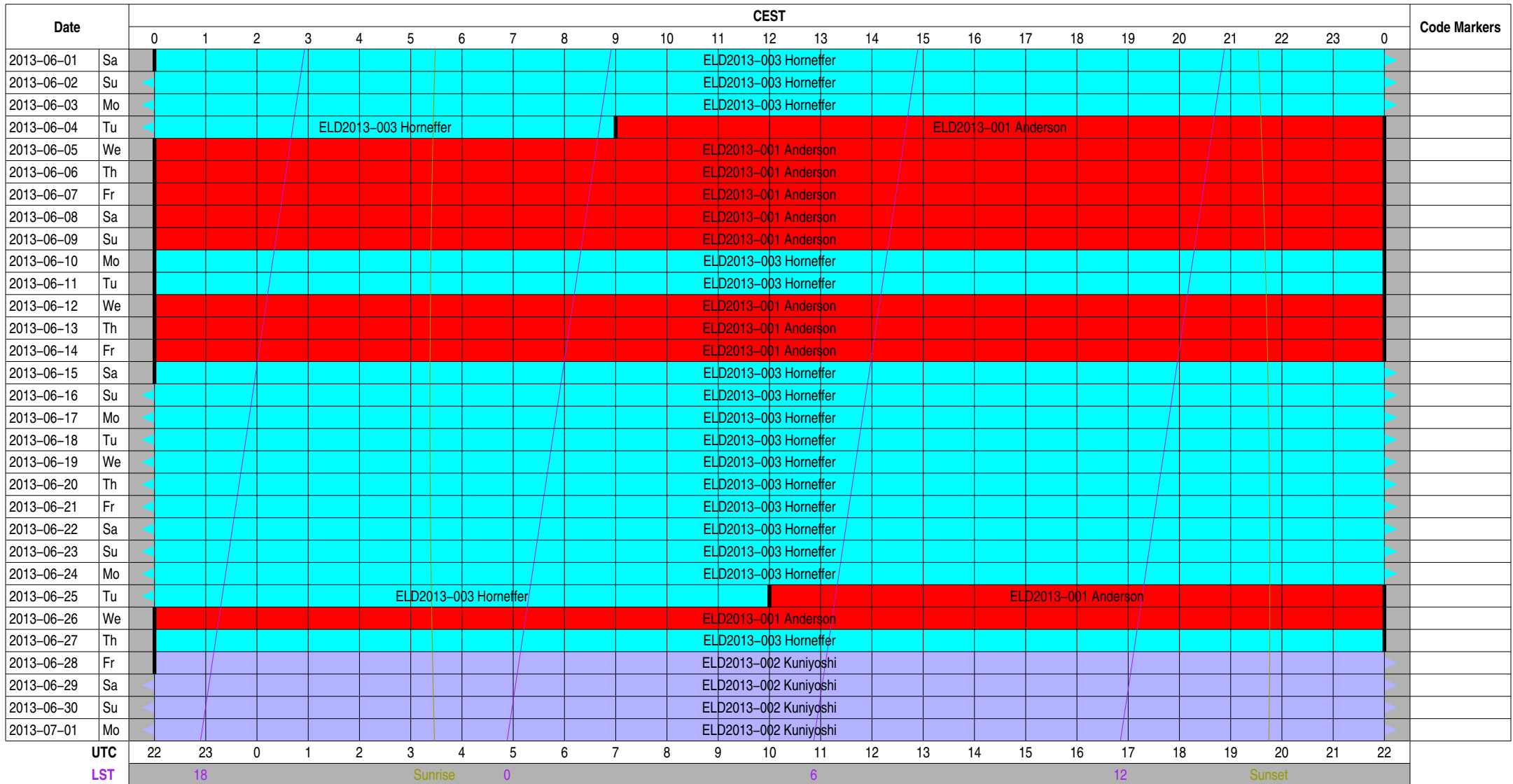
Color Meanings

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	

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-06-01 through 2013-07-01



Normal Experiment Code Markers

Other Code Markers

Color Meanings

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

ELP2012-022 Z Verbiest
ELP2012-022 AA Verbiest

joris.verbiest@gmail.com
joris.verbiest@gmail.com

+49 521 106 3184
+49 521 106 3184

Assessing the Timing Potential of LOFAR for Pulsars
Assessing the Timing Potential of LOFAR for Pulsars

ELP2012-022 AA	Verbiest	joris.verbiest@gmail.com	+49 521 106 3184	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AB	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AB	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AC	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AC	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELT2012-005	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	8 bit mode testing with LuMP
ELT2012-005 B	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	8 bit mode testing with LuMP
ELX2013-001	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	lofarB1 LOFAR network not working properly
ELX2013-001	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	lofarB1 LOFAR network not working properly

Experiment Information for Other Actions

ELE2013-000	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn

Experiment Information for Operator On-Duty Schedule

ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
ELD2013-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler
ELD2013-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler
ELD2013-003	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Project Hardware
ELD2013-003	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Project Hardware
ELD2013-003	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Project Hardware
ELD2013-003	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Project Hardware

Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000											96.00	96.00	
ELE2013-000 B											46.00	46.00	
ELE2013-000 B											50.00	50.00	
ELG2013-000	8.50	8.50	8.50	8.50			606.00	298.50	8.50	606.00			
ELG2013-000 T							65.00	65.00		65.00			
ELG2013-000 T							14.50			14.50			
ELG2013-000 T	8.50	8.50	8.50	8.50			8.50	8.50	8.50	8.50			
ELG2013-000 T							41.00			41.00			
ELG2013-000 T							23.00	23.00		23.00			
ELG2013-000 T							5.00			5.00			
ELG2013-000 T							18.00			18.00			
ELG2013-000 T							50.00	50.00		50.00			
ELG2013-000 U								28.00					
ELG2013-000 U							73.00			73.00			
ELG2013-000 U							31.00	31.00		31.00			
ELG2013-000 U							43.00			43.00			
ELG2013-000 V							69.00	69.00		69.00			
ELG2013-000 V								24.00					
ELG2013-000 V							98.00			98.00			
ELG2013-000 W							67.00			67.00			
ELI2013-000	502.00	502.00	502.00	502.00	502.00	502.00					502.00		
ELI2013-000	65.00	65.00	65.00	65.00	65.00	65.00					65.00		
ELI2013-000	46.00	46.00	46.00	46.00	46.00	46.00					46.00		
ELI2013-000	68.00	68.00	68.00	68.00	68.00	68.00					68.00		
ELI2013-000	23.00	23.00	23.00	23.00	23.00	23.00					23.00		
ELI2013-000	90.00	90.00	90.00	90.00	90.00	90.00					90.00		
ELI2013-000	114.00	114.00	114.00	114.00	114.00	114.00					114.00		
ELI2013-000	96.00	96.00	96.00	96.00	96.00	96.00					96.00		
ELI2013-007	49.00	49.00	49.00	49.00			49.00	49.00	49.00	49.00			
ELI2013-007 L	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
ELI2013-007 M	24.00	24.00	24.00	24.00			24.00	24.00	24.00	24.00			
ELM2013-012	13.00	13.00	13.00	13.00	13.00	13.00	8.00	8.00	13.00	8.00	13.00	8.00	
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	1.00
ELM2013-012	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	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
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	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	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	1.00
ELM2013-012	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00		1.00
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	1.00
ELM2013-019	7.00	7.00	7.00	7.00	7.00	7.00			7.00				
ELM2013-019	7.00	7.00	7.00	7.00	7.00	7.00			7.00				
ELM2013-020	31.00	31.00	31.00	31.00	31.00	31.00			31.00		31.00		
ELM2013-020 A	7.00	7.00	7.00	7.00	7.00	7.00			7.00		7.00		
ELM2013-020 B	24.00	24.00	24.00	24.00	24.00	24.00			24.00		24.00		
ELP2012-022	118.25		118.25					237.25	118.25				
ELP2012-022 X	14.50		14.50					14.50	14.50				
ELP2012-022 Y	17.00		17.00					17.00	17.00				
ELP2012-022 Y								24.00					

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELP2012-022 Z	4.00		4.00					4.00	4.00				
ELP2012-022 Z								19.00					

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELP2012-022 AA	20.00		20.00					20.00	20.00				
ELP2012-022 AA								24.00					
ELP2012-022 AB	47.75		47.75					47.75	47.75				
ELP2012-022 AB								24.00					
ELP2012-022 AC	15.00		15.00					15.00	15.00				
ELP2012-022 AC								28.00					
ELT2012-005	1.00		1.00					1.00	1.00				
ELT2012-005 B	1.00		1.00					1.00	1.00				
ELX2013-001	2.25							2.25					
ELX2013-001	2.25							2.25					

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000										426.00	330.00	330.00	
ELE2013-000	B									68.00	68.00	68.00	
ELE2013-000	B									46.00			
ELE2013-000	B									121.00	121.00	121.00	
ELE2013-000	B									50.00			
ELE2013-000	B									141.00	141.00	141.00	

