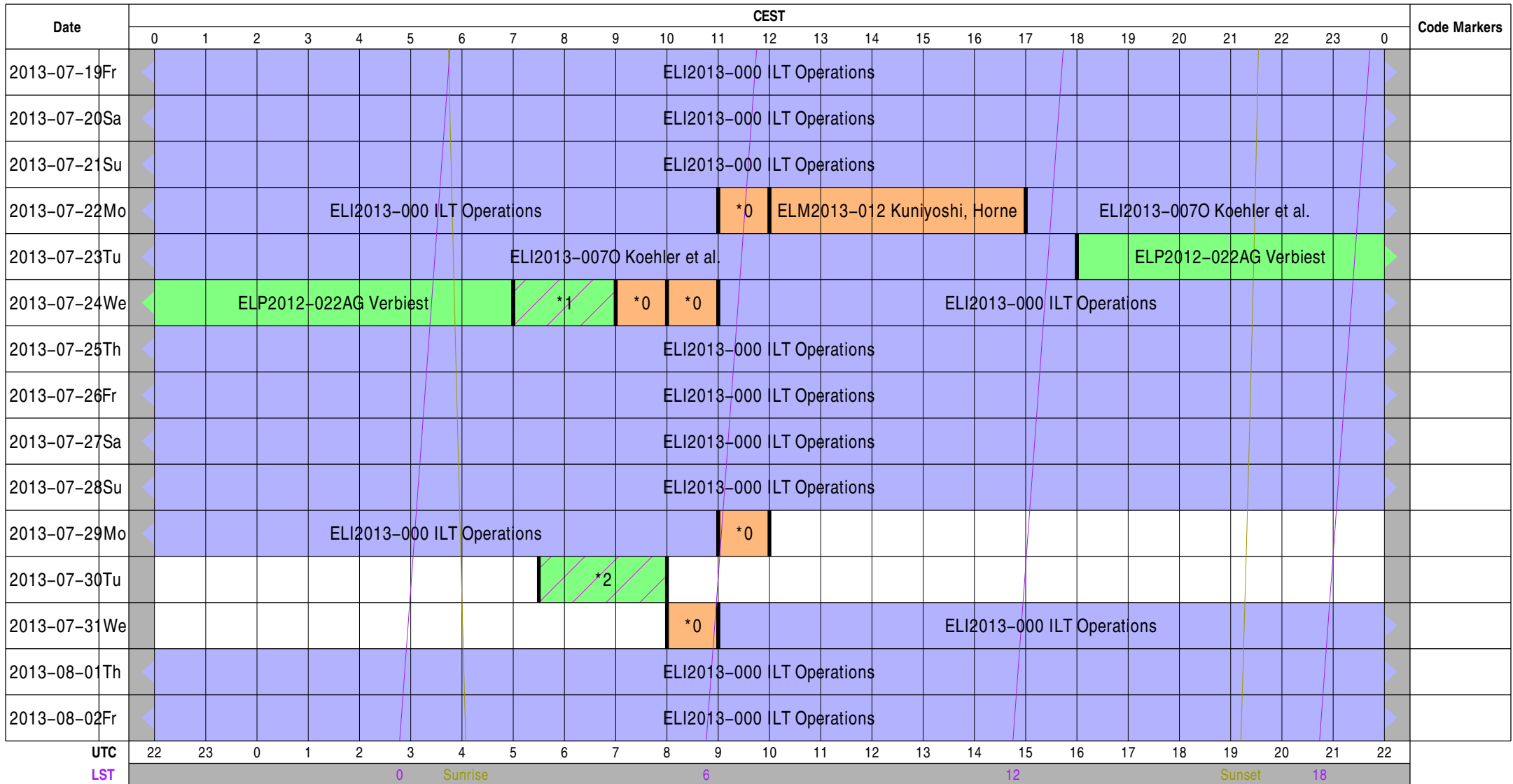


Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-07-19 through 2013-08-02

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
- 1 ELP2013-004 Kuniyoshi & Takefu
- 2 ELS2013-000A Koehler et al.

Other Code Markers

Color Meanings

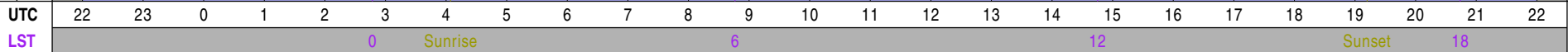
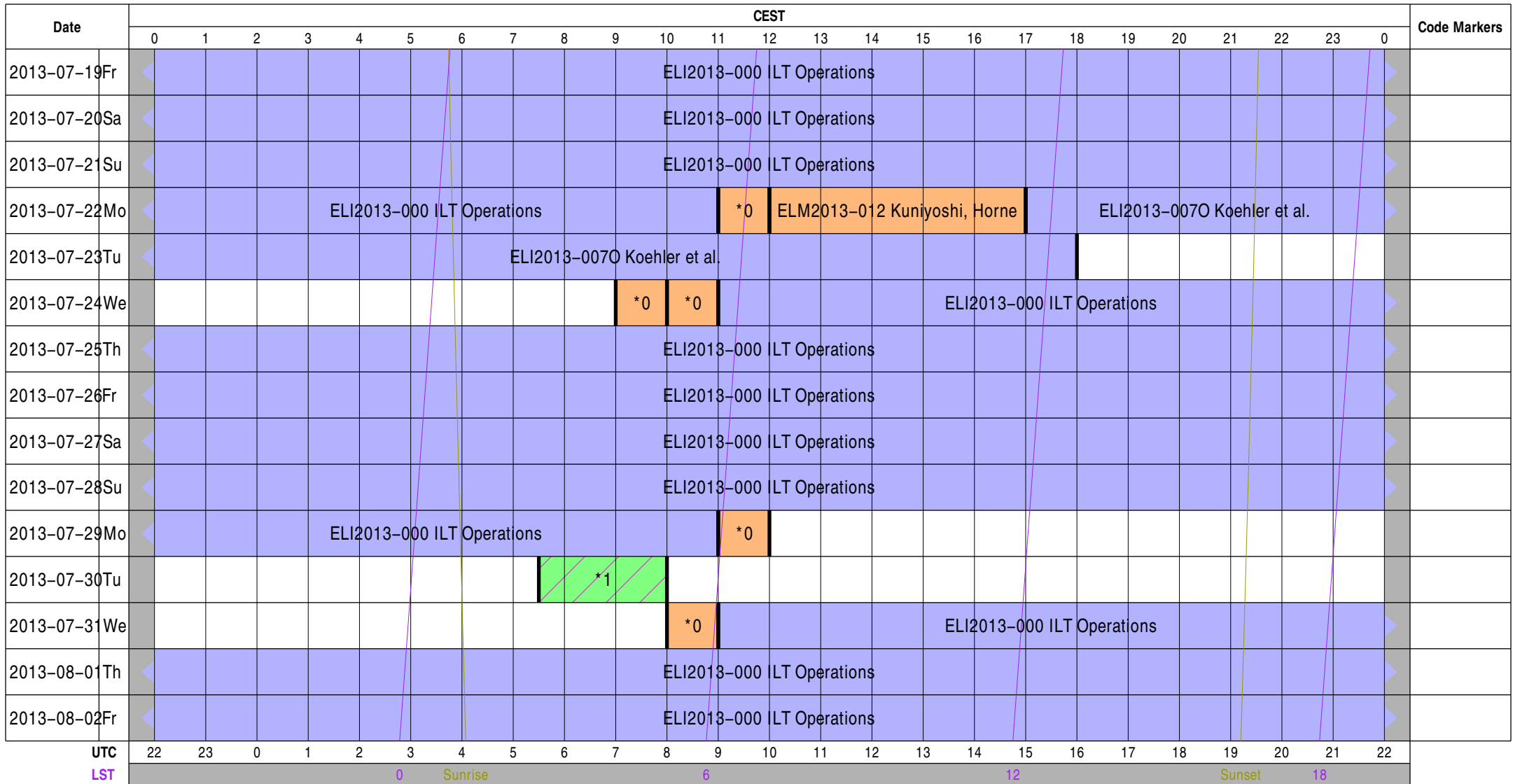
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-07-19 through 2013-08-02

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
- 1 ELS2013-000A Koehler et al.

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 2013-07-19 through 2013-08-02

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										
2013-07-19Fr											ELI2013-000 LT Operations																									
2013-07-20Sa											ELI2013-000 LT Operations																									
2013-07-21Su											ELI2013-000 LT Operations																									
2013-07-22Mo	ELI2013-000 ILT Operations										*0	ELM2013-012 Kuniyoshi, Horne				ELI2013-0070 Koehler et al.																				
2013-07-23Tu											ELI2013-0070 Koehler et al.										ELP2012-022AG Verbiest															
2013-07-24We	ELP2012-022AG Verbiest						*1	*0	*0	ELI2013-000 ILT Operations																										
2013-07-25Th											ELI2013-000 LT Operations																									
2013-07-26Fr											ELI2013-000 LT Operations																									
2013-07-27Sa											ELI2013-000 LT Operations																									
2013-07-28Su											ELI2013-000 LT Operations																									
2013-07-29Mo	ELI2013-000 ILT Operations										*0																									
2013-07-30Tu																																				
2013-07-31We									*0	ELI2013-000 ILT Operations																										
2013-08-01Th											ELI2013-000 LT Operations																									
2013-08-02Fr											ELI2013-000 LT Operations																									
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	0						Sunrise						6						12						Sunset						18					

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-004 Kuniyoshi & Takefu

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 2013-07-19 through 2013-08-02

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	
2013-07-19Fr											ELI2013-000 LT Operations																
2013-07-20Sa											ELI2013-000 LT Operations																
2013-07-21Su											ELI2013-000 LT Operations																
2013-07-22Mo	ELI2013-000 ILT Operations										*0		ELM2013-012 Kuniyoshi, Horne				ELI2013-0070 Koehler et al.										
2013-07-23Tu											ELI2013-0070 Koehler et al.																
2013-07-24We											*0		*0		ELI2013-000 ILT Operations												
2013-07-25Th											ELI2013-000 LT Operations																
2013-07-26Fr											ELI2013-000 LT Operations																
2013-07-27Sa											ELI2013-000 LT Operations																
2013-07-28Su											ELI2013-000 LT Operations																
2013-07-29Mo	ELI2013-000 ILT Operations										*0																
2013-07-30Tu											*1																
2013-07-31We											*0		ELI2013-000 ILT Operations														
2013-08-01Th											ELI2013-000 LT Operations																
2013-08-02Fr											ELI2013-000 LT Operations																

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							0	Sunrise								6							12							Sunset	18

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELS2013-000A Koehler et al.

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

2013-07-19 through 2013-08-02

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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	
2013-07-19Fr											ELI2013-000 LT Operations																
2013-07-20Sa											ELI2013-000 LT Operations																
2013-07-21Su											ELI2013-000 LT Operations																
2013-07-22Mo	ELI2013-000 ILT Operations										*0		ELM2013-012 Kuniyoshi, Horne														
2013-07-23Tu																											
2013-07-24We									*0		*0		ELI2013-000 ILT Operations														
2013-07-25Th											ELI2013-000 LT Operations																
2013-07-26Fr											ELI2013-000 LT Operations																
2013-07-27Sa											ELI2013-000 LT Operations																
2013-07-28Su											ELI2013-000 LT Operations																
2013-07-29Mo	ELI2013-000 ILT Operations										*0																
2013-07-30Tu																											
2013-07-31We									*0		ELI2013-000 ILT Operations																
2013-08-01Th											ELI2013-000 LT Operations																
2013-08-02Fr											ELI2013-000 LT Operations																

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							0	Sunrise								6							12							Sunset	18

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

2013-07-19 through 2013-08-02

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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	
2013-07-19Fr											ELI2013-000 LT Operations																
2013-07-20Sa											ELI2013-000 LT Operations																
2013-07-21Su											ELI2013-000 LT Operations																
2013-07-22Mo	ELI2013-000 ILT Operations										*0		ELM2013-012 Kuniyoshi, Horne														
2013-07-23Tu																											
2013-07-24We									*0		*0		ELI2013-000 ILT Operations														
2013-07-25Th											ELI2013-000 LT Operations																
2013-07-26Fr											ELI2013-000 LT Operations																
2013-07-27Sa											ELI2013-000 LT Operations																
2013-07-28Su											ELI2013-000 LT Operations																
2013-07-29Mo	ELI2013-000 ILT Operations										*0																
2013-07-30Tu																											
2013-07-31We									*0		ELI2013-000 ILT Operations																
2013-08-01Th											ELI2013-000 LT Operations																
2013-08-02Fr											ELI2013-000 LT Operations																

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							0	Sunrise								6							12	Sunset		18		

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

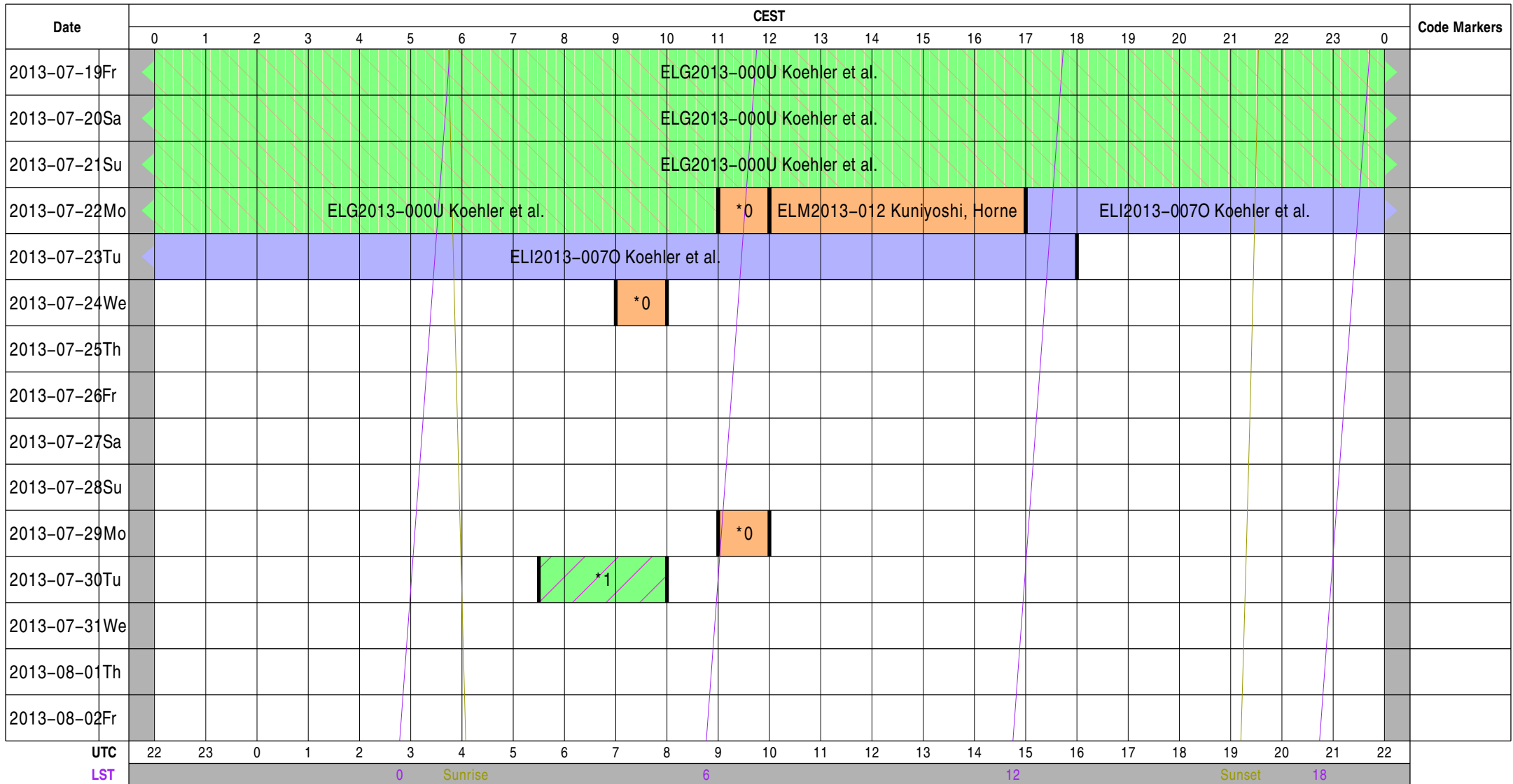
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-07-19 through 2013-08-02

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Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELS2013-000A Koehler et al.

Other Code Markers

Color Meanings

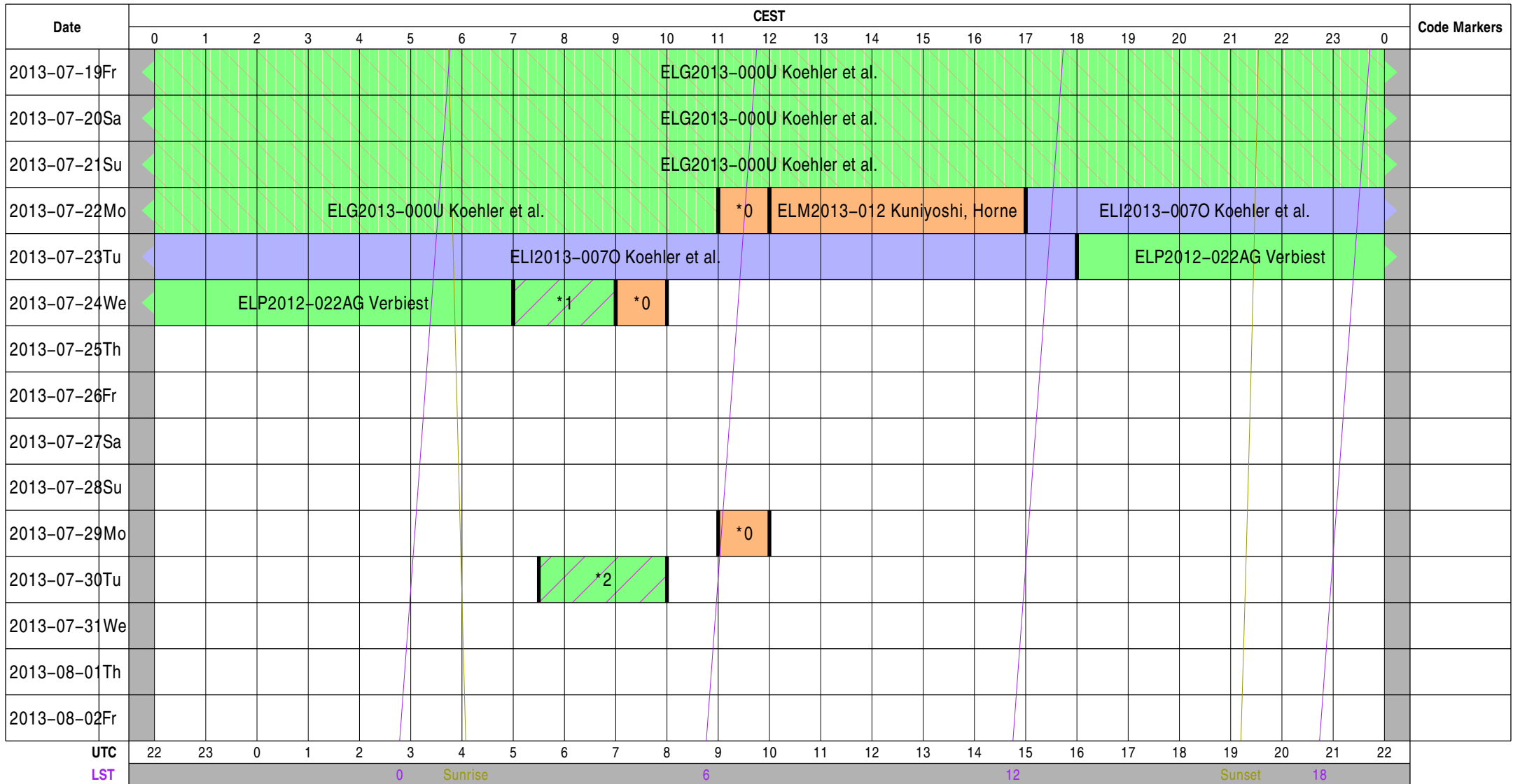
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-07-19 through 2013-08-02

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
- 1 ELP2013-004 Kuniyoshi & Takefu
- 2 ELS2013-000A Koehler et al.

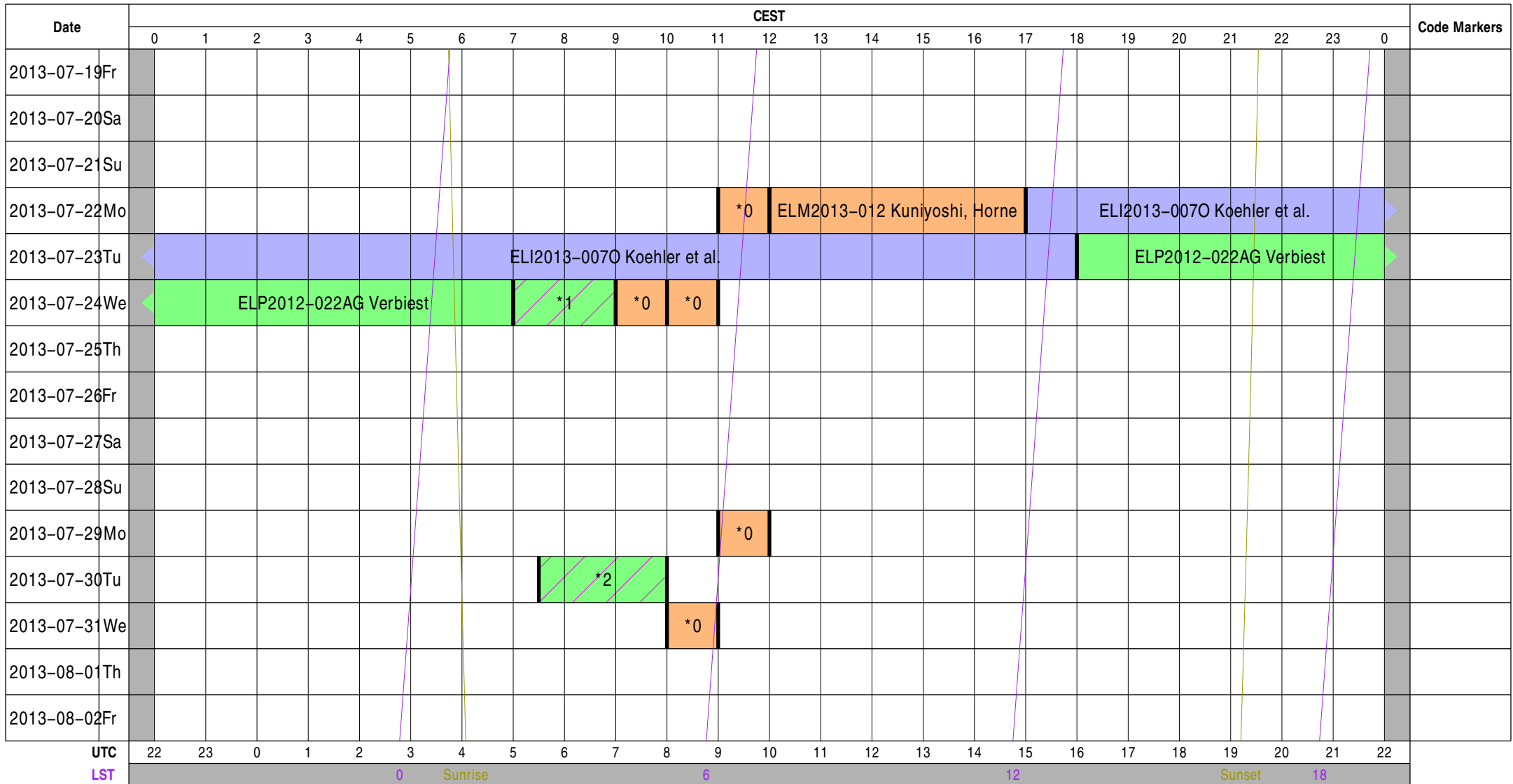
Other Code Markers

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 2013-07-19 through 2013-08-02

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
- 1 ELP2013-004 Kuniyoshi & Takefu
- 2 ELS2013-000A Koehler et al.

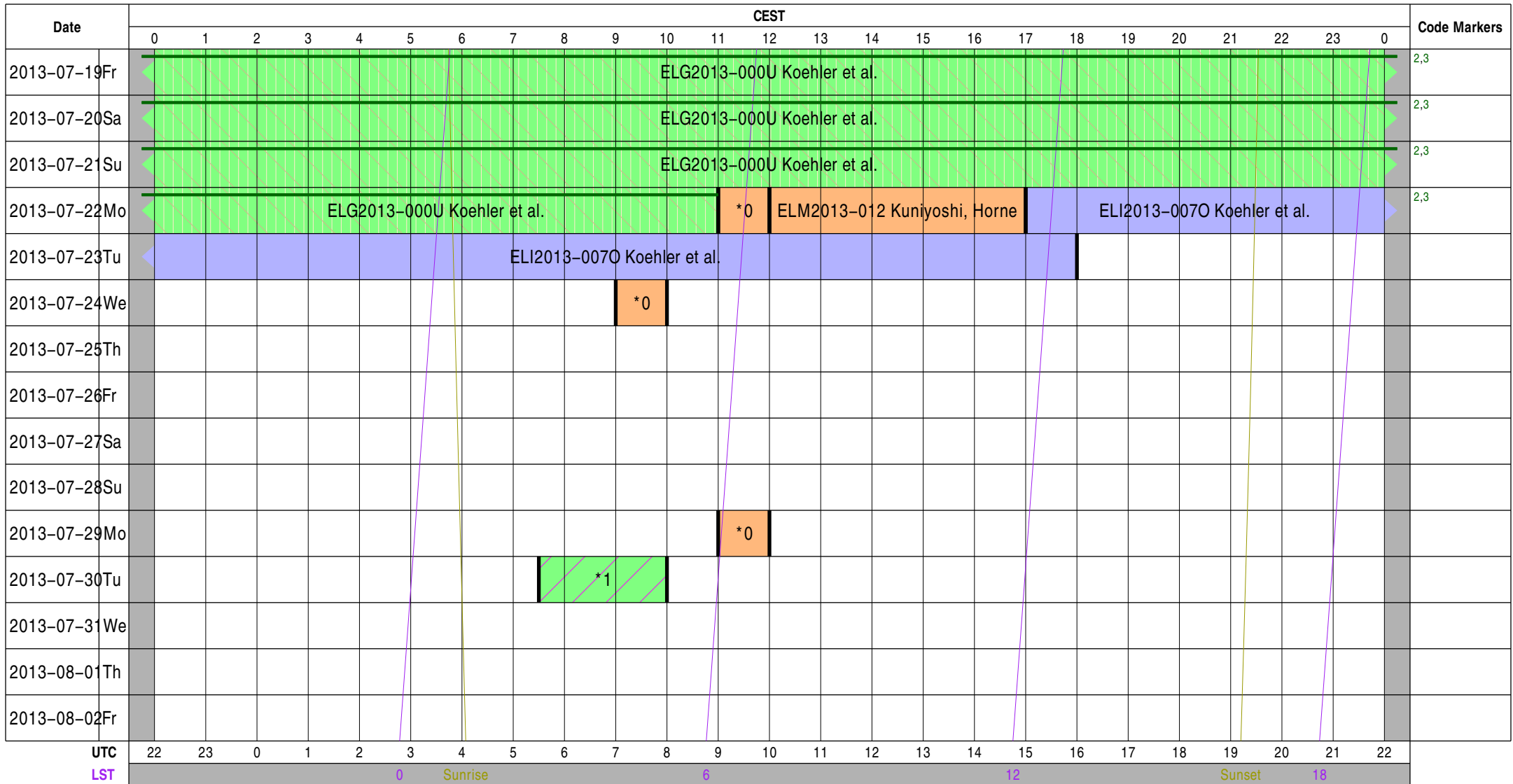
Other Code Markers

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 Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-07-19 through 2013-08-02

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Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELG2013-000A Koehler et al.

Other Code Markers

- 2 ELE2013-000B Horneff
- 3 ELE2013-000C 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 | |

UTC
LST

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

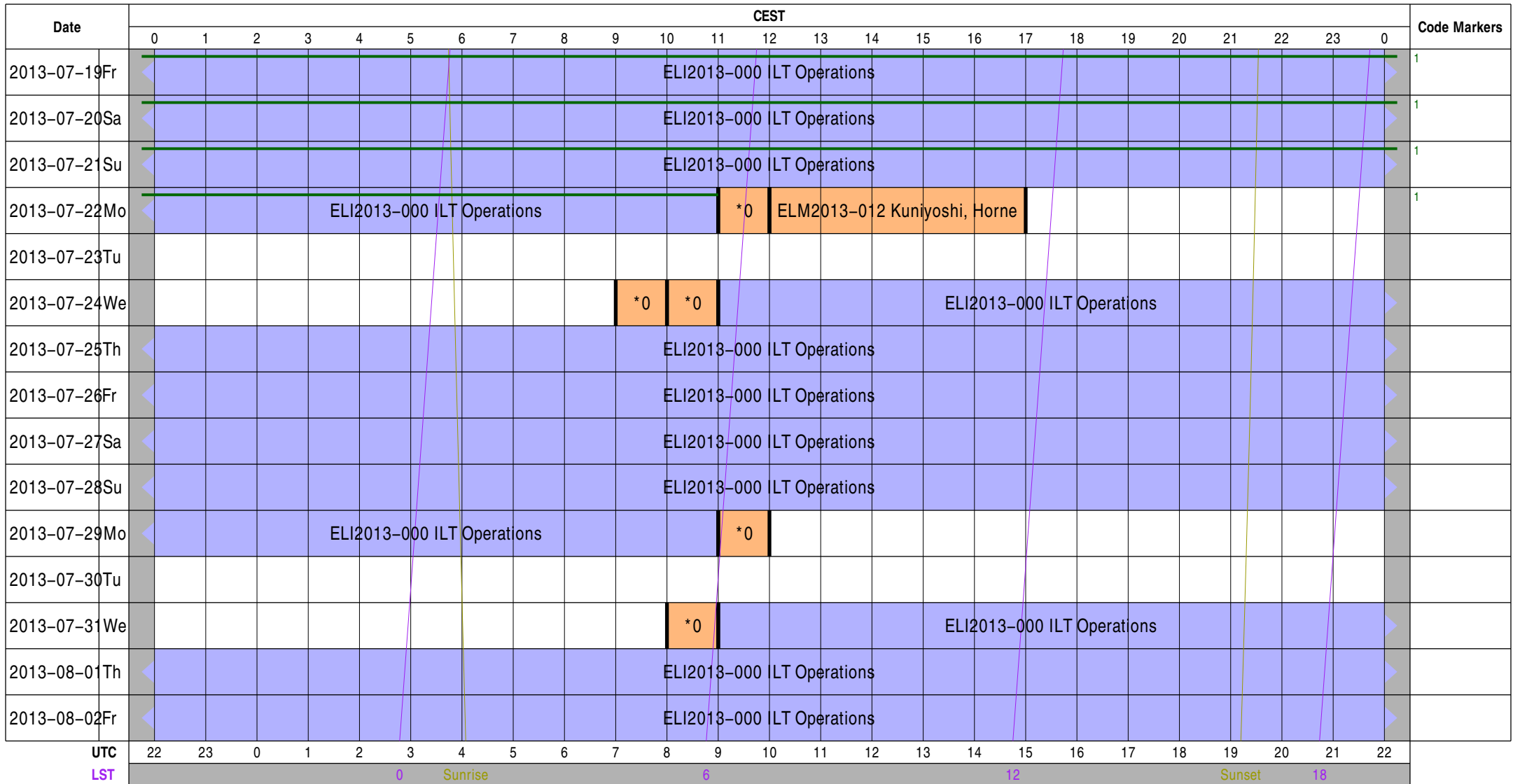
0 Sunrise 6 12 Sunset 18

Observing Plan for LOFAR Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-07-19 through 2013-08-02

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 ELI2013-000B Horneff

Color Meanings

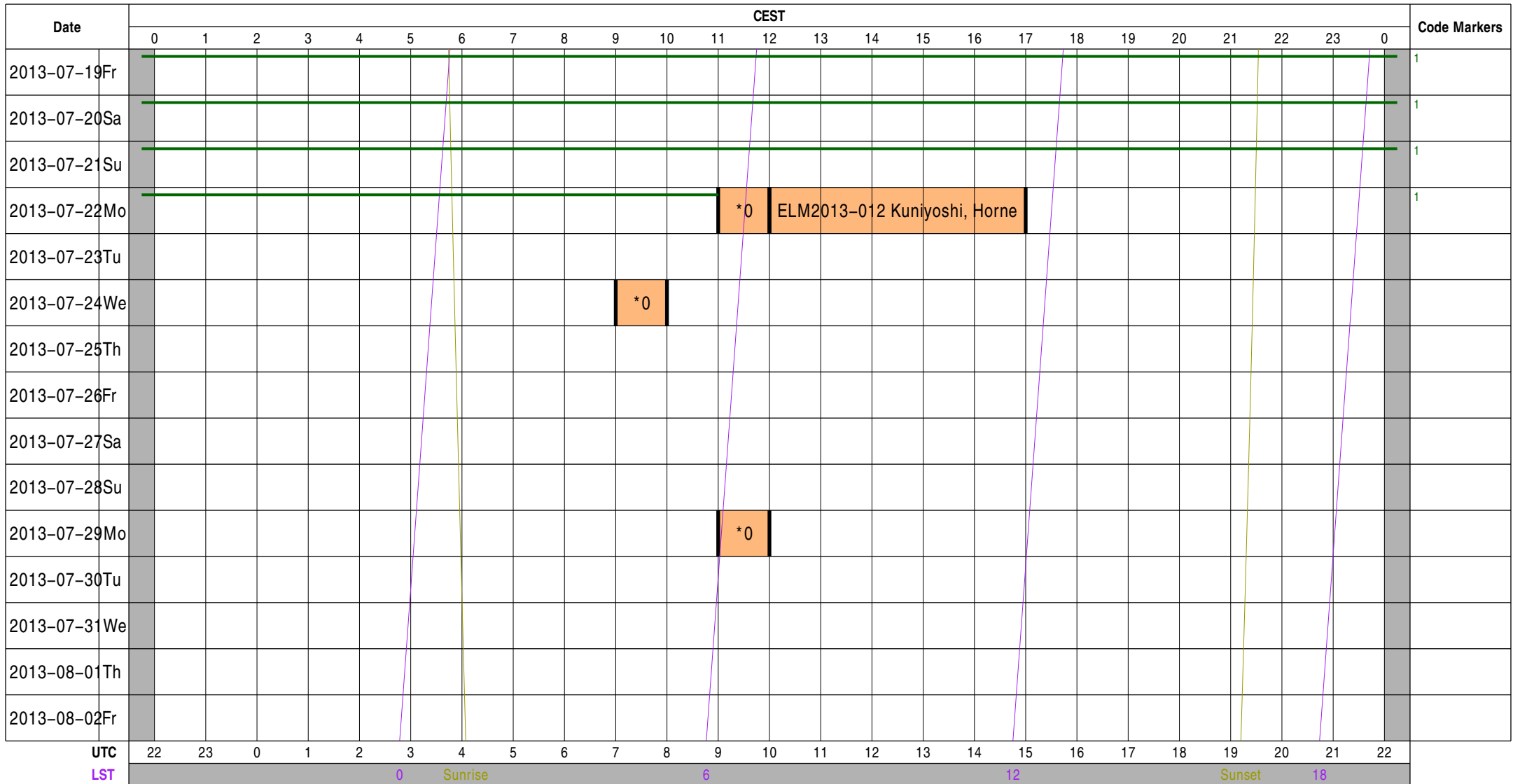
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

MPIfR Effelsberg LOFAR Station

2013-07-19 through 2013-08-02

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 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 Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-07-19 through 2013-08-02

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	
2013-07-19Fr											ELD2013-002 Kuniyoshi														
2013-07-20Sa											ELD2013-002 Kuniyoshi														
2013-07-21Su											ELD2013-002 Kuniyoshi														
2013-07-22Mo											ELD2013-002 Kuniyoshi														
2013-07-23Tu											ELD2013-002 Kuniyoshi														
2013-07-24We											ELD2013-002 Kuniyoshi														
2013-07-25Th											ELD2013-001 Anderson														
2013-07-26Fr											ELD2013-001 Anderson														
2013-07-27Sa											ELD2013-001 Anderson														
2013-07-28Su											ELD2013-001 Anderson														
2013-07-29Mo											ELD2013-001 Anderson														
2013-07-30Tu											ELD2013-001 Anderson														
2013-07-31We											ELD2013-001 Anderson														
2013-08-01Th											ELD2013-001 Anderson														
2013-08-02Fr											ELD2013-001 Anderson														

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						0	Sunrise					6						12				Sunset		18	

Normal Experiment Code Markers

Other Code Markers

Color Meanings

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

Experiment Information for Normal Observations

ELG2013-000	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 U	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 U	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
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
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2013-007	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELI2013-007 O	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
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)
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 AG	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2013-004	Kuniyoshi & Takefuji	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Simultaneous observations of giant single pulses of Crab PS
ELP2013-004	Kuniyoshi & Takefuji	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Simultaneous observations of giant single pulses of Crab PS
ELS2013-000	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-C Event
ELS2013-000 A	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-C Event

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 C	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
ELD2013-002	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

Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELG2013-000							83.00	83.00		83.00			
ELG2013-000 U								83.00					
ELG2013-000 U							83.00			83.00			
ELI2013-000	264.00	264.00	264.00	264.00	264.00	264.00							264.00
ELI2013-000	83.00	83.00	83.00	83.00	83.00	83.00							83.00
ELI2013-000	120.00	120.00	120.00	120.00	120.00	120.00							120.00
ELI2013-000	61.00	61.00	61.00	61.00	61.00	61.00							61.00
ELI2013-007	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
ELI2013-007 O	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
ELM2013-012	10.00	10.00	10.00	10.00	10.00	10.00	8.00	8.00	10.00	8.00	10.00	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	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
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	
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	
ELP2012-022	13.00		13.00					13.00	13.00				
ELP2012-022 AG	13.00		13.00					13.00	13.00				
ELP2013-004	2.00		2.00					2.00	2.00				
ELP2013-004	2.00		2.00					2.00	2.00				
ELS2013-000	2.50	2.50		2.50			2.50	2.50	2.50	2.50			
ELS2013-000 A	2.50	2.50		2.50			2.50	2.50	2.50	2.50			

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000										166.00	83.00	83.00	
ELE2013-000 B										83.00	83.00	83.00	
ELE2013-000 C										83.00			

Summary of Time Usage [total=360.00 hours] for MPIfR Effelsberg LOFAR Station

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
normal													
Science A (Astrometry)													
Science C (Cosmology)													
Science E (Extragalactic)													
Science G (Galactic)													
Science H (Ionosphere)													
Science N (AGN)													
Science O (Other)													
Science P (Pulsar)													
Science R (Cosmic Rays)													
Science S (Solar System)													
Test Observation													
Maintenance Mode													
ILT Mode													
Effelsberg Mode													
GLOW Mode													
Juelich Mode													
Station Failure													
Unknown Code													
Idle													
piggy-up													
Piggyback Control													
Unknown Code													
Idle													
piggy-down													
Piggyback Without Control													
Unknown Code													
Idle													
warning													
Experiment Warning													
Unknown Code													
Idle													
steal													
Override Possible													
Unknown Code													
Idle													
duty													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													

Summary of Time Usage [total=100.00 %] for MPIfR Effelsberg LOFAR Station

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
normal													
Science A (Astrometry)													
Science C (Cosmology)													
Science E (Extragalactic)													
Science G (Galactic)													
Science H (Ionosphere)													
Science N (AGN)													
Science O (Other)													
Science P (Pulsar)													
Science R (Cosmic Rays)													
Science S (Solar System)													
Test Observation													
Maintenance Mode													
ILT Mode													
Effelsberg Mode													
GLOW Mode													
Juelich Mode													
Station Failure													
Unknown Code													
Idle													
piggy-up													
Piggyback Control													
Unknown Code													
Idle													
piggy-down													
Piggyback Without Control													
Unknown Code													
Idle													
warning													
Experiment Warning													
Unknown Code													
Idle													
steal													
Override Possible													
Unknown Code													
Idle													
duty													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													