

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-09-17 through 2013-09-25

Date	Day	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																						
2013-09-17	Tu	ELG2013-000W Koehler et al.				ELS2013-001 Koehler et				ELG2013-000W Koehler et al				ELP2012-022AN Verbiest																																			
2013-09-18	We	ELP2012-022AN Verbiest												*0	*2	ELI2013-000 ILT Operations											1																						
2013-09-19	Th													ELI2013-000 ILT Operations																																			
2013-09-20	Fr													ELI2013-000 ILT Operations																																			
2013-09-21	Sa													ELI2013-000 ILT Operations																																			
2013-09-22	Su													ELI2013-000 ILT Operations																																			
2013-09-23	Mo	ELI2013-000 ILT Operations												*2	*3	ELP2012-022AN Verbiest																																	
2013-09-24	Tu													ELP2012-022AN Verbiest																																			
2013-09-25	We	ELP2012-022AN Verbiest												*2	ELI2013-000 ILT 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												12												Sunset											

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff
- 3 ELT2013-002D Wucknitz

Other Code Markers

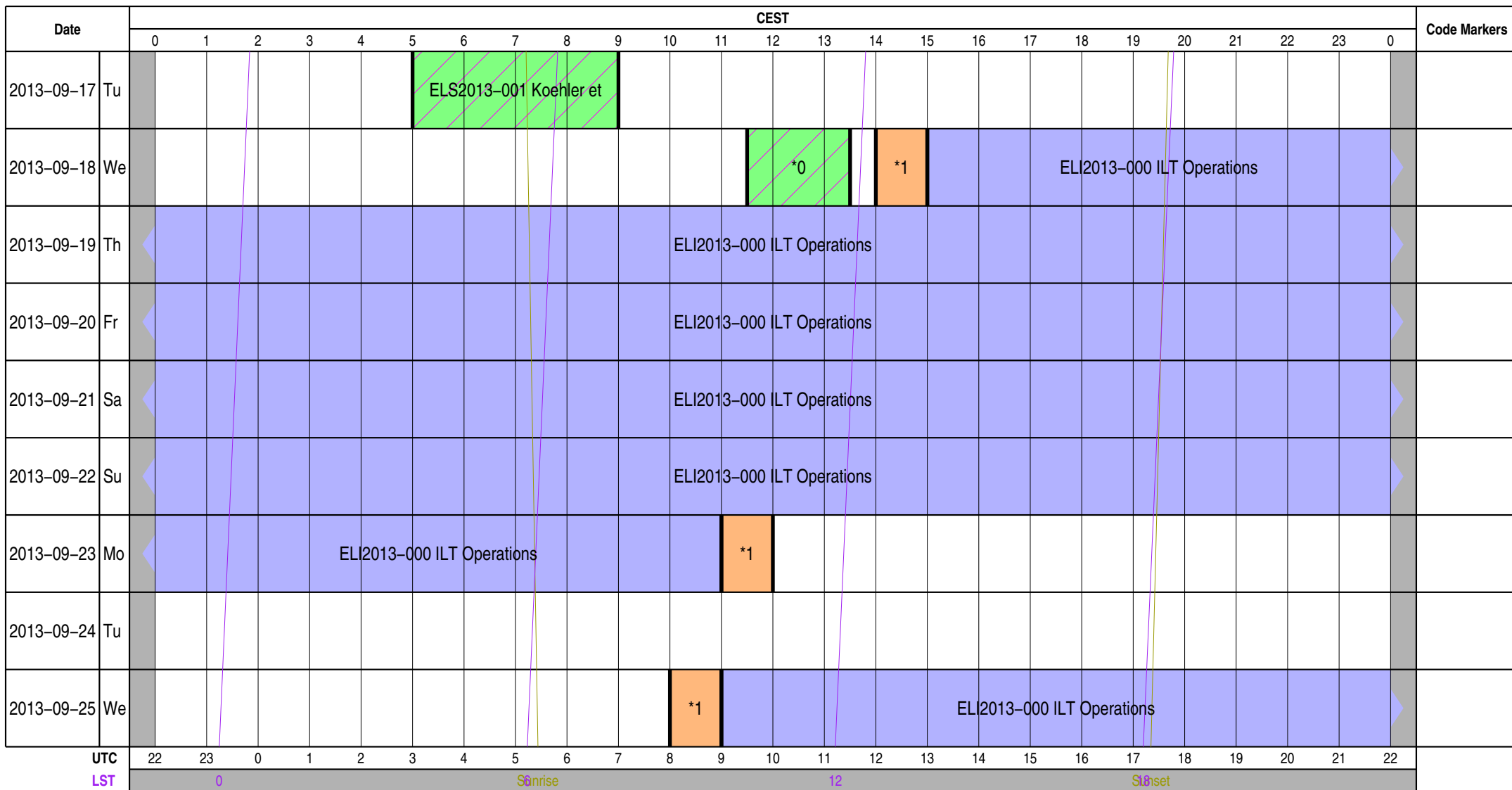
Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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

2013-09-17 through 2013-09-25



Normal Experiment Code Markers

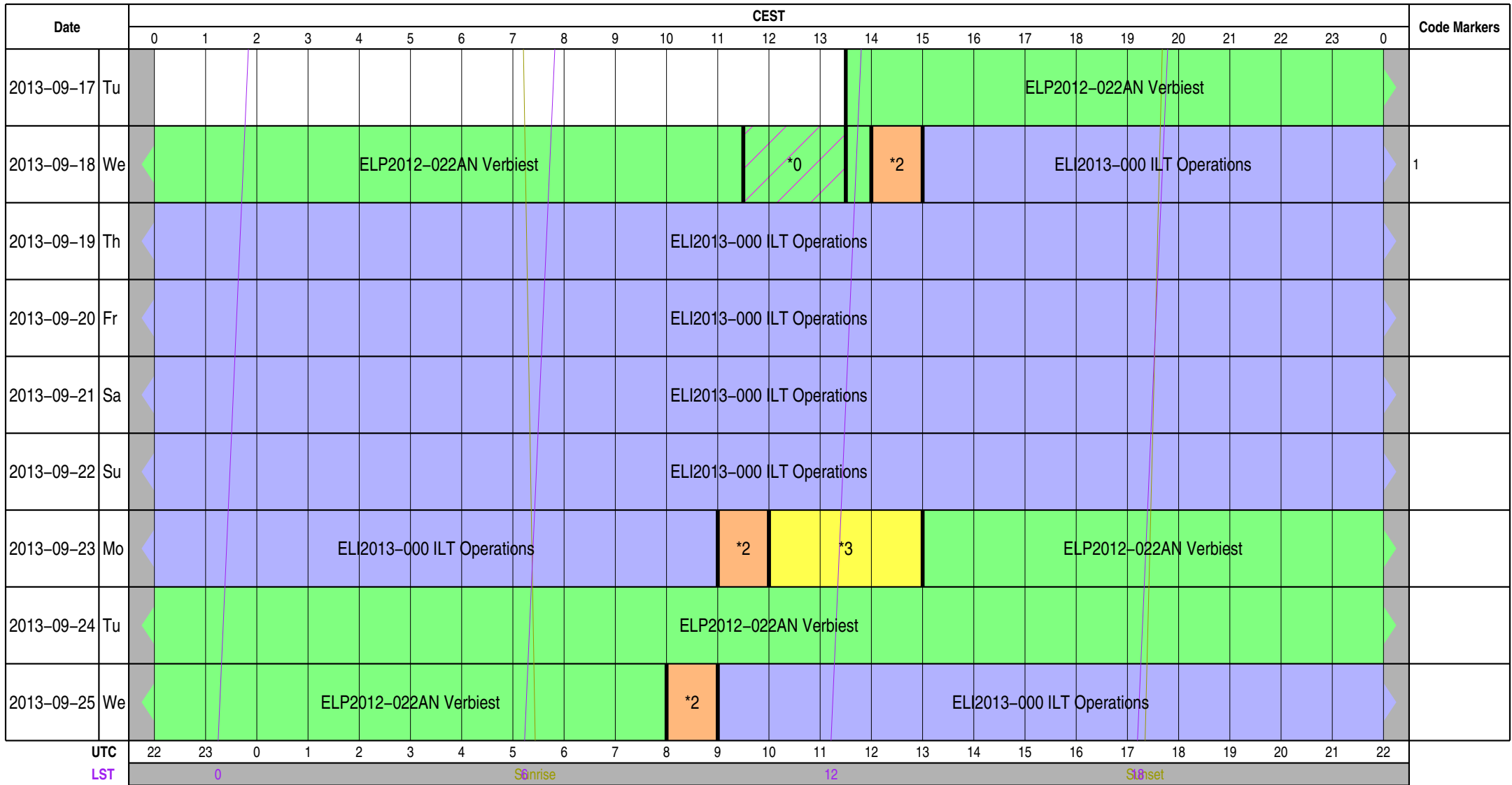
- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

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 2013-09-17 through 2013-09-25



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff
- 3 ELT2013-002D Wucknitz

Other Code Markers

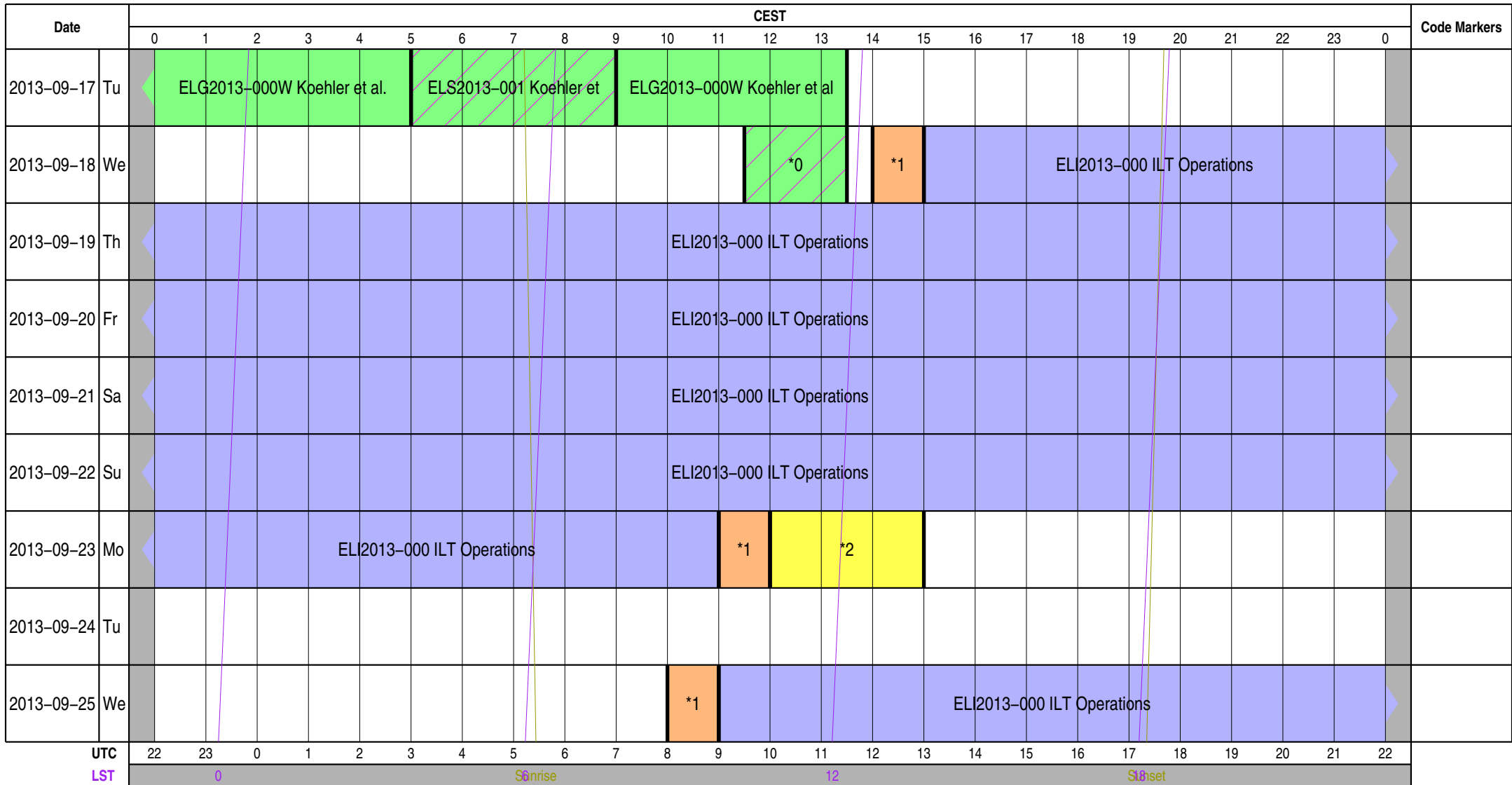
- *0
- *2
- *3

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 2013-09-17 through 2013-09-25

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 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff
- 2 ELT2013-002D Wucknitz

Other Code Markers

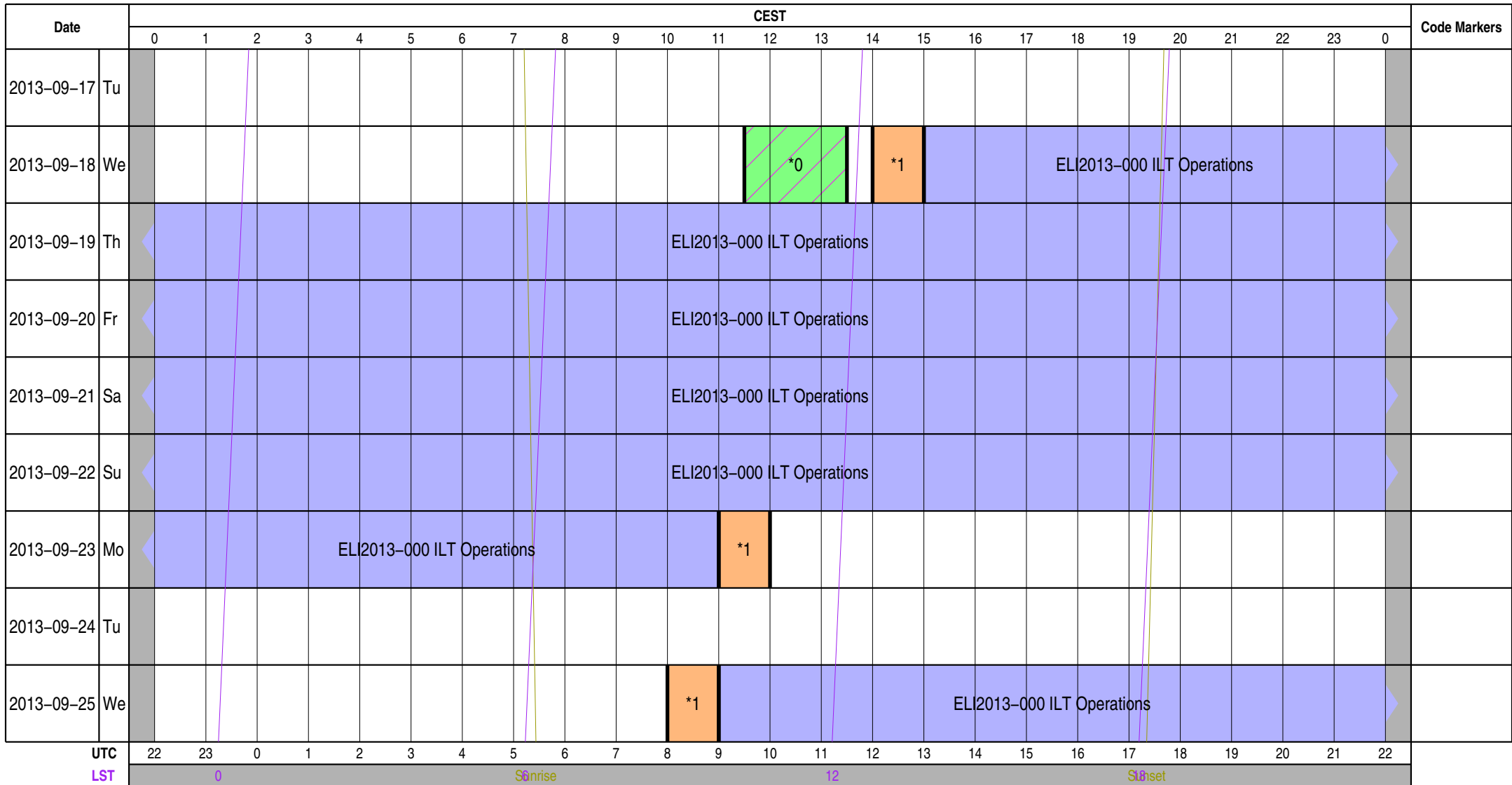
Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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

2013-09-17 through 2013-09-25



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

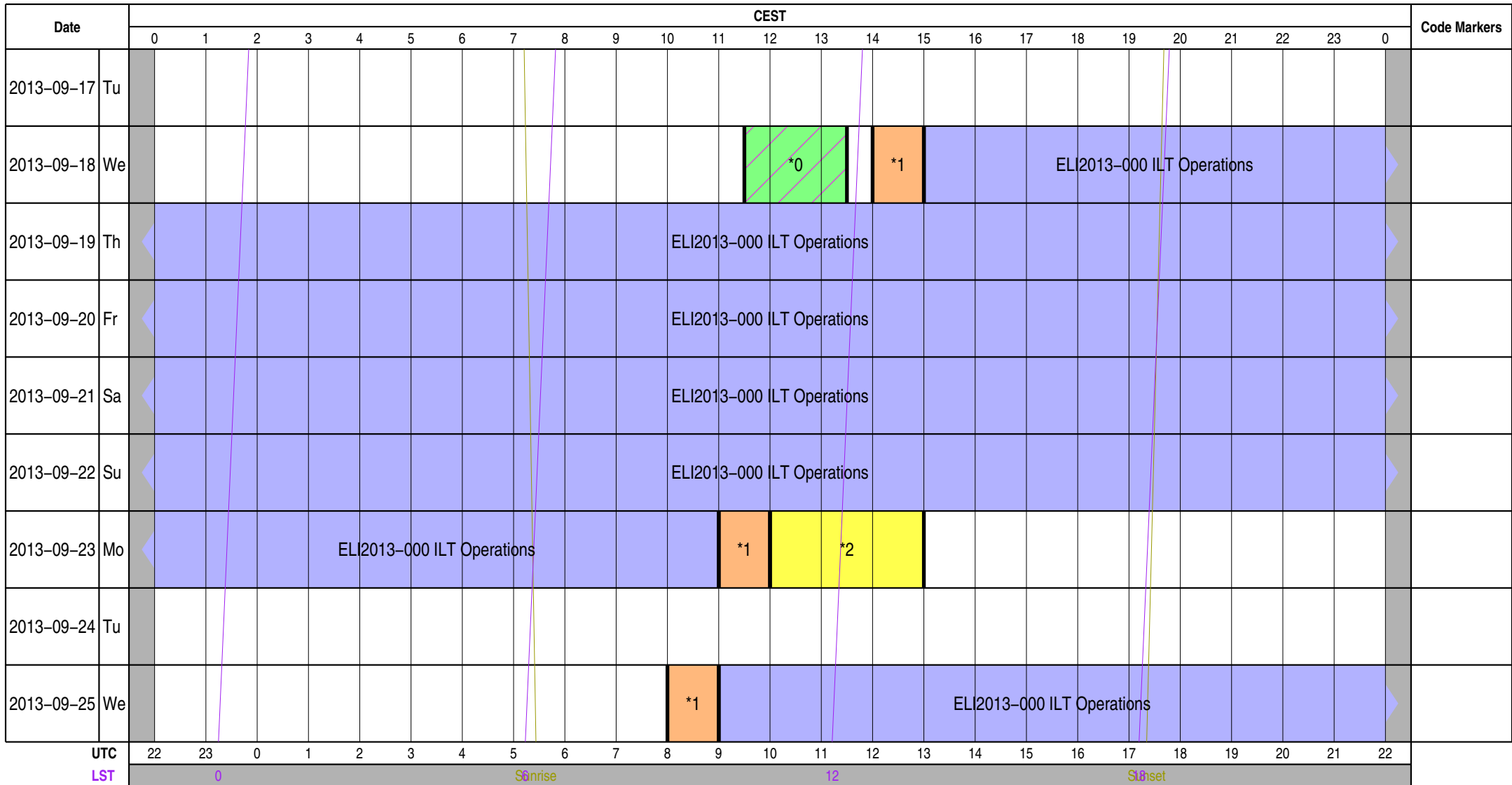
Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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

2013-09-17 through 2013-09-25



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff
- 2 ELT2013-002D Wucknitz

Other Code Markers

Color Meanings

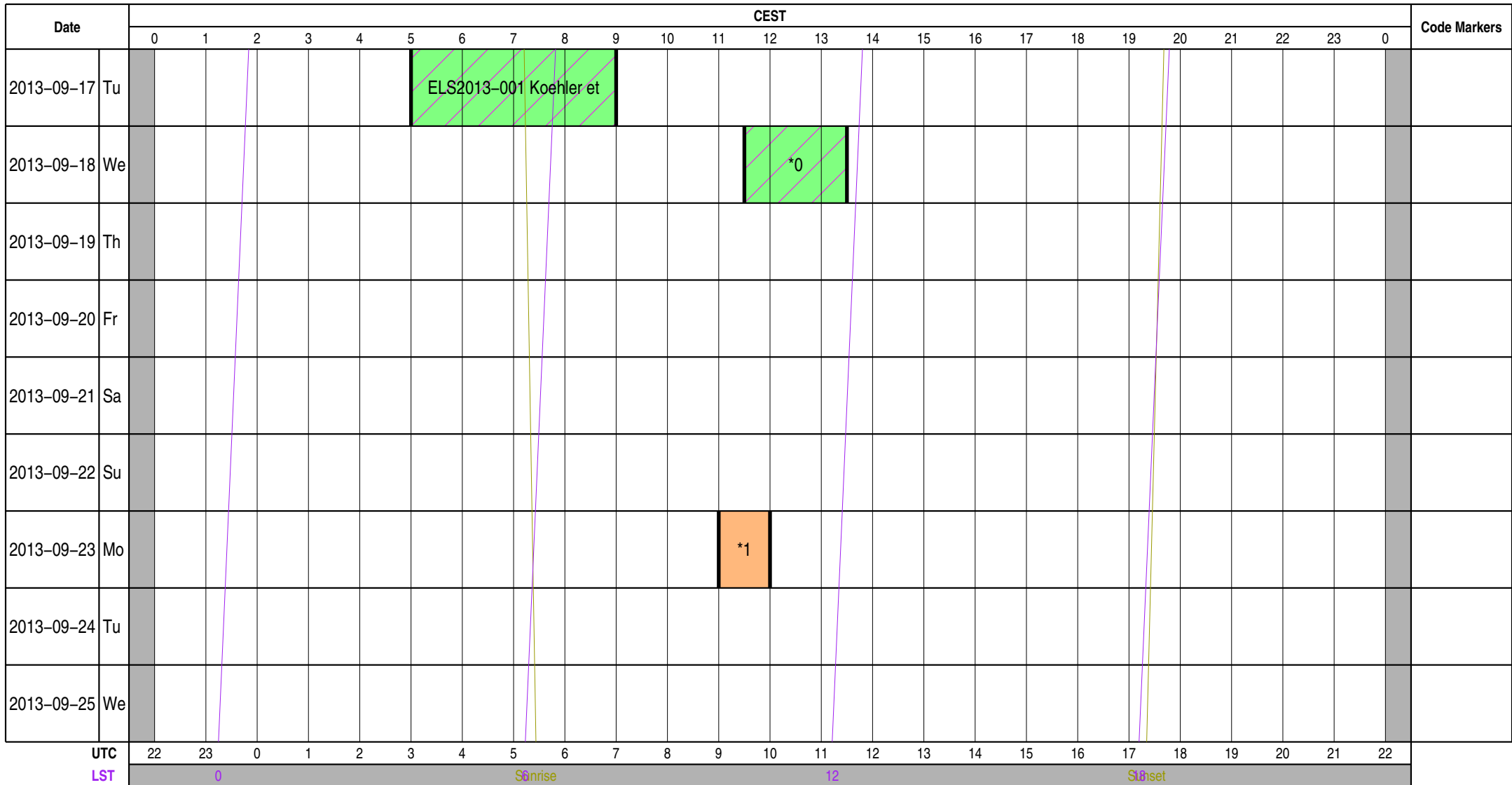
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-09-17 through 2013-09-25

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Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

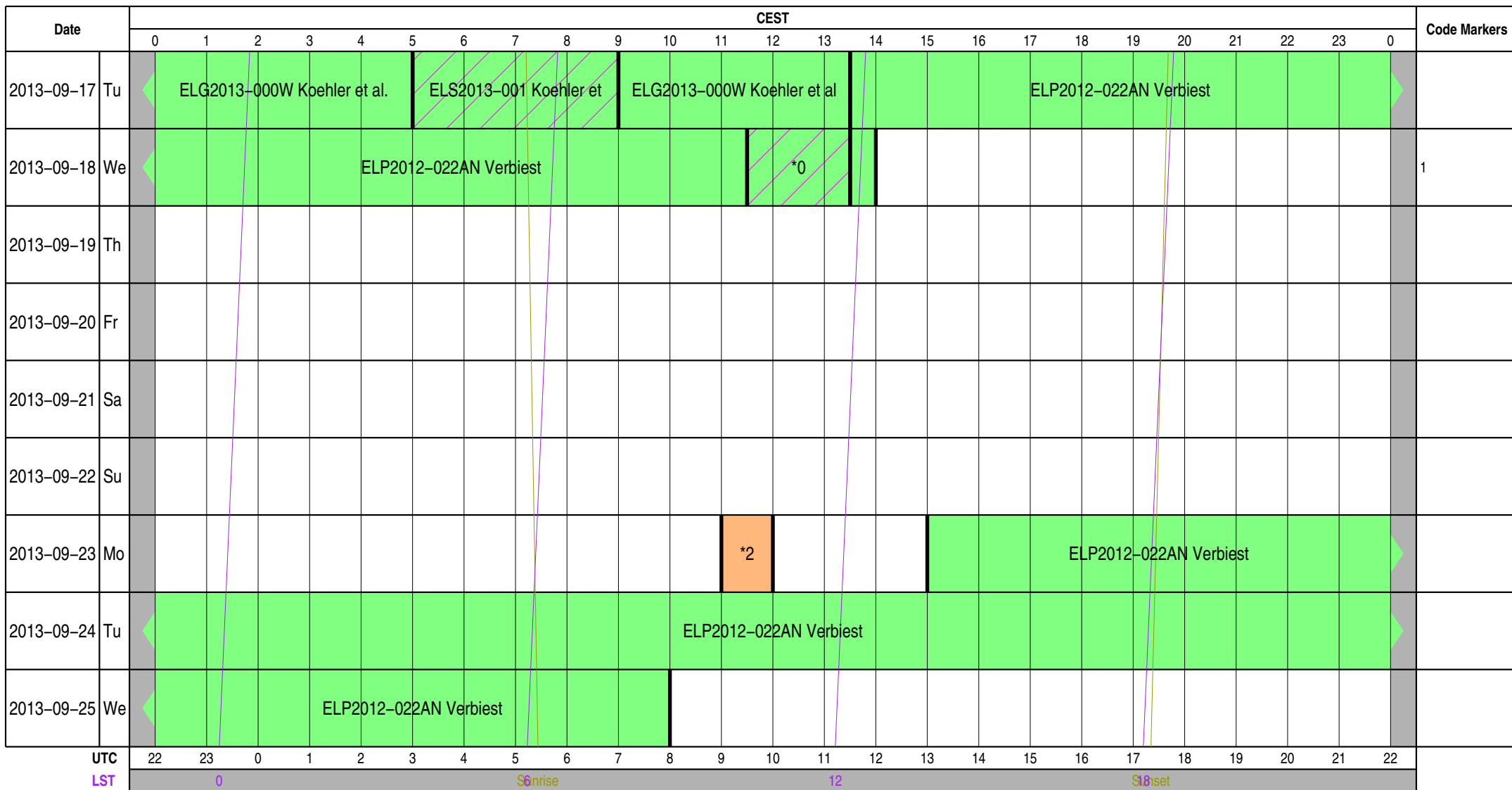
Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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

2013-09-17 through 2013-09-25



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 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 2013-09-17 through 2013-09-25

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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	
2013-09-17	Tu	ELG2013-000W Koehler et al.				ELS2013-001 Koehler et				ELG2013-000W Koehler et al				ELP2012-022AN Verbiest												
2013-09-18	We	ELP2012-022AN Verbiest												*0		*2										1
2013-09-19	Th																									
2013-09-20	Fr																									
2013-09-21	Sa																									
2013-09-22	Su																									
2013-09-23	Mo									*2		*3		ELP2012-022AN Verbiest												
2013-09-24	Tu	ELP2012-022AN Verbiest																								
2013-09-25	We	ELP2012-022AN Verbiest								*2																
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								12				Sunset								

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff
- 3 ELT2013-002D Wucknitz

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

2013-09-17 through 2013-09-25

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
2013-09-17	Tu						ELS2013-001 Koehler et																				
2013-09-18	We												*0														
2013-09-19	Th																										
2013-09-20	Fr																										
2013-09-21	Sa																										
2013-09-22	Su																										
2013-09-23	Mo													*1													
2013-09-24	Tu																										
2013-09-25	We																										
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										12		Sunset											

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

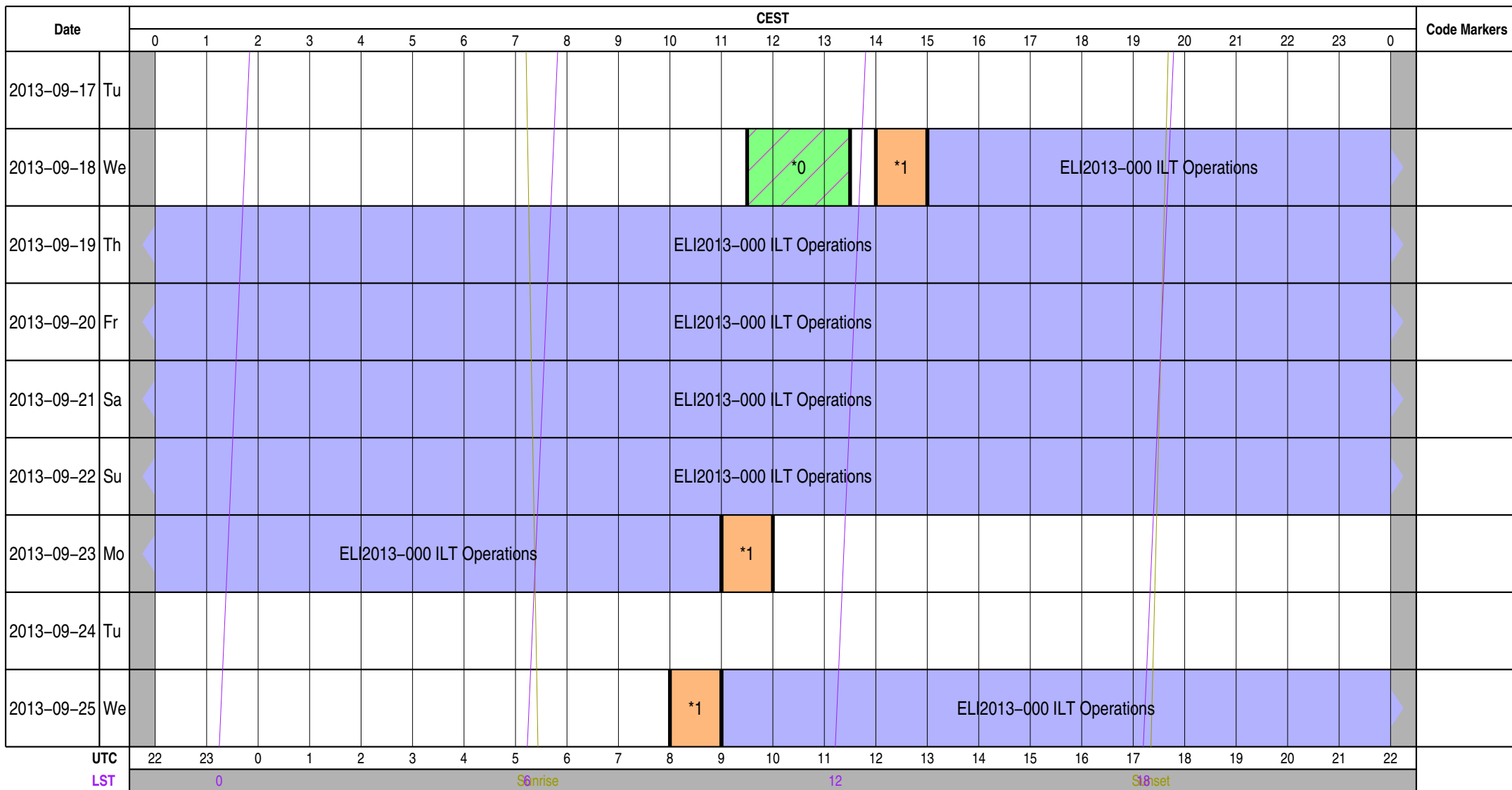
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-09-17 through 2013-09-25

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Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

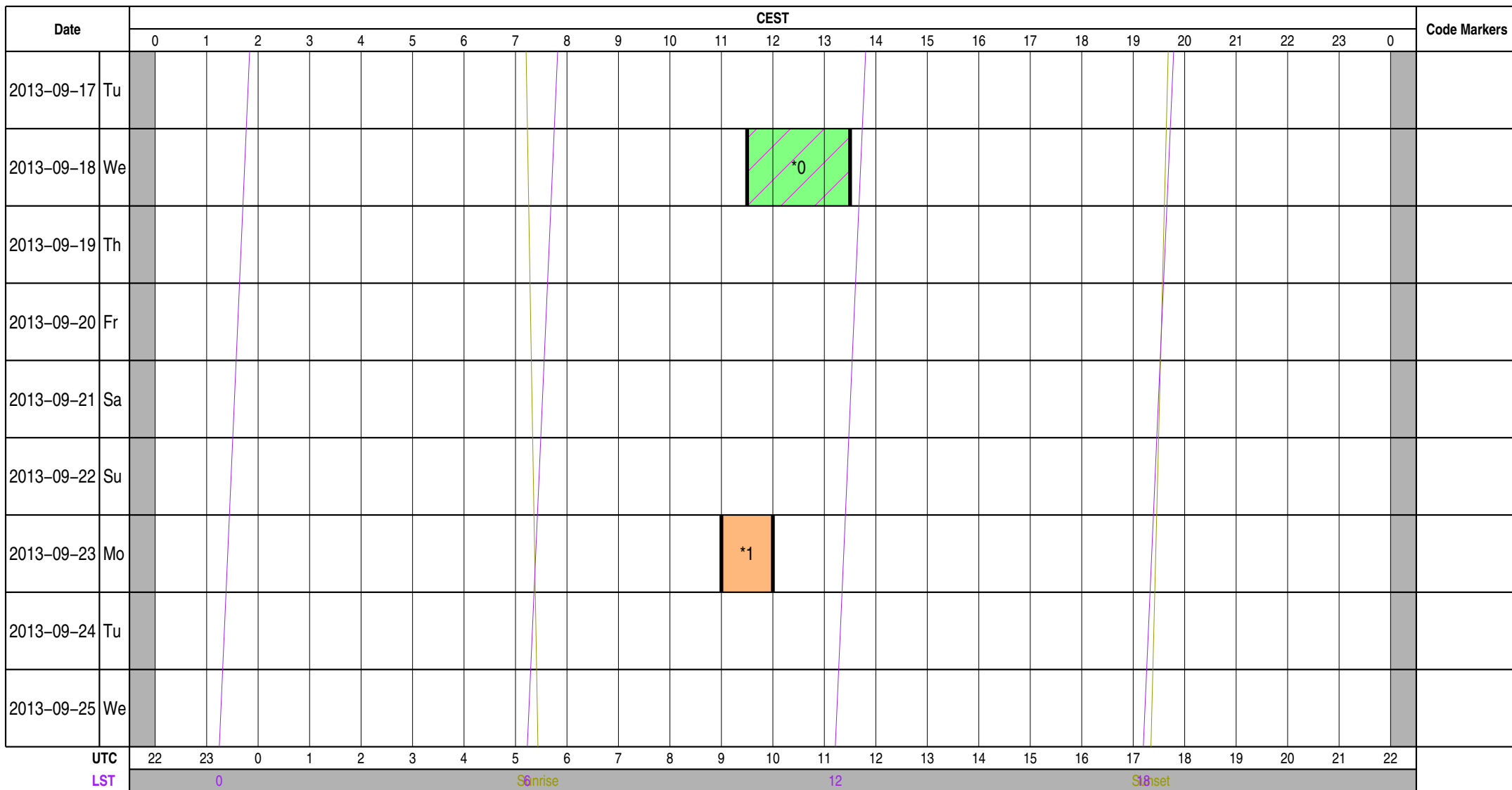
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-09-17 through 2013-09-25

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 ELP2013-006 Verbiest, Kuniyosh
- 1 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 | |

Version: draft
 Creation Date: 2013-09-20T11:45:01.745672Z
 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

2013-09-17 through 2013-09-25

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
2013-09-17	Tu																										
2013-09-18	We																										
2013-09-19	Th																										
2013-09-20	Fr																										
2013-09-21	Sa																										
2013-09-22	Su																										
2013-09-23	Mo																										
2013-09-24	Tu																										
2013-09-25	We																										

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						12						Sunset						

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@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 W	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 W	Koehler et al.	jana@mpi-fr-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
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELP2012-022	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELS2013-001	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-A Event
ELS2013-001	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-A Event
ELT2013-002	Wucknitz	wucknitz@mpi-fr-bonn.mpg.de	73-1772	testing TBB subband mode and station calibration
ELT2013-002 D	Wucknitz	wucknitz@mpi-fr-bonn.mpg.de	73-1772	testing TBB subband mode and station calibration

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
ELG2013-000		9.50		9.50				9.50	9.50				
ELG2013-000 W	5.00			5.00				5.00	5.00				
ELG2013-000 W	4.50			4.50				4.50	4.50				
ELI2013-000	129.00	129.00	129.00	129.00	129.00	129.00					129.00		
ELI2013-000	116.00	116.00	116.00	116.00	116.00	116.00					116.00		
ELI2013-000	13.00	13.00	13.00	13.00	13.00	13.00					13.00		
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	65.50		65.50					65.50	65.50				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	0.50		0.50					0.50	0.50				
ELP2012-022 AN	43.00		43.00					43.00	43.00				
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
ELS2013-001	4.00	4.00		4.00				4.00	4.00	4.00	4.00		
ELS2013-001	4.00	4.00		4.00				4.00	4.00	4.00	4.00		
ELT2013-002	3.00		3.00	3.00		3.00			3.00				
ELT2013-002 D	3.00		3.00	3.00		3.00			3.00				

Time Usage [hours] for Other Actions

Experiment Code station TBB HBA LBH LBL interfe lofarAN lofarBN lofarx lofarsr fiber BN--EF_ duty

Time Usage [hours] for Operator On-Duty Schedule

Experiment Code

station

TBB

HBA

LBH

LBL

interfe

lofarAN

lofarBN

lofarx

lofarsr

fiber

BN--EF_

duty

