

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-09-01 through 2013-09-30

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				
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2013-09-02	Mo	ELI2013-000 ILT Operations										*0	*1													ELP2012-022AN Verbiest			
2013-09-03	Tu	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest				
2013-09-04	We	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest				
2013-09-05	Th	ELP2012-022AN Verbiest																						*1	ELT2013-002C Wucknitz				
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2013-09-08	Su	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest				
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2013-09-14	Sa	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest				
2013-09-15	Su	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest				
2013-09-16	Mo	ELP2012-022AN Verbiest																						*1	ELG2013-000W Koehler et al.				
2013-09-17	Tu	ELG2013-000W Koehler et al.				ELG2013-001 Koehler et				ELG2013-000W Koehler et al																*1	ELP2012-022AN Verbiest		
2013-09-18	We	ELP2012-022AN Verbiest																						*1	*0		ELI2013-000 ILT Operations		2
2013-09-19	Th											ELI2013-000 LT Operations																	
2013-09-20	Fr											ELI2013-000 LT Operations																	
2013-09-21	Sa											ELI2013-000 LT Operations																	
2013-09-22	Su											ELI2013-000 LT Operations																	
2013-09-23	Mo											ELI2013-000 LT Operations																	
2013-09-24	Tu											ELI2013-000 LT Operations																	
2013-09-25	We											ELI2013-000 LT Operations																	
2013-09-26	Th											ELI2013-000 LT Operations																	
2013-09-27	Fr											ELI2013-000 LT Operations																	
2013-09-28	Sa											ELI2013-000 LT Operations																	
2013-09-29	Su											ELI2013-000 LT Operations																	
2013-09-30	Mo	ELI2013-000 ILT Operations										*0	ELP2012-022AN Verbiest																

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							6 Sunrise						12							18 Sunset				

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-006 Verbiest, Kuniyoshi
- 2 ELP2012-022AN Verbiest

Other Code Markers

Color Meanings

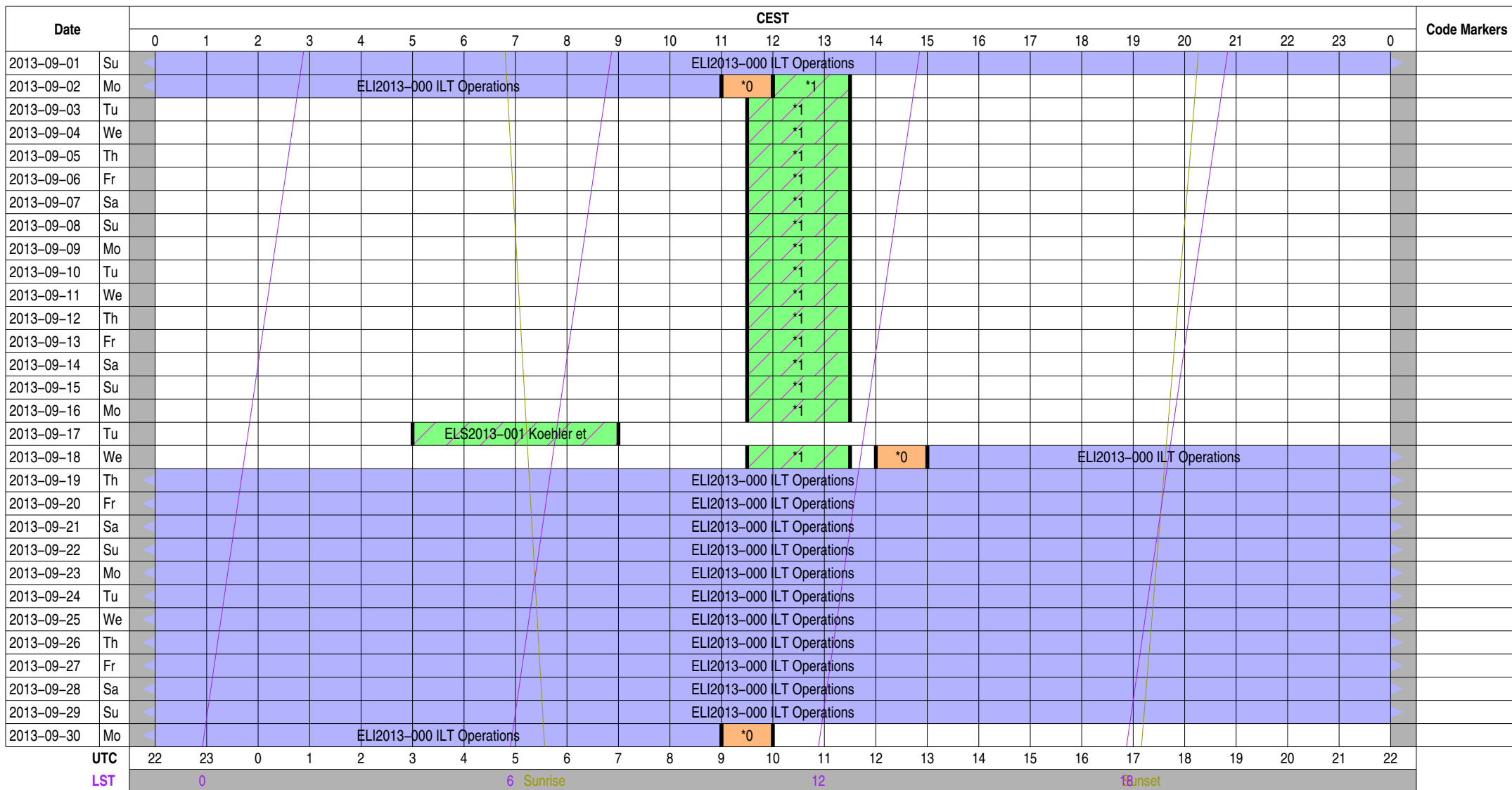
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

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 2013-09-01 through 2013-09-30

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Date	CEST																								Code Markers		
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2013-09-02	Mo	ELI2013-000 ILT Operations										*0	*1													ELP2012-022AN Verbiest	
2013-09-03	Tu	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-04	We	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-05	Th	ELP2012-022AN Verbiest																						*1	ELT2013-002C Wucknitz		
2013-09-06	Fr	ELT2013-002C Wucknitz																						*1	ELP2012-022AN Verbiest		
2013-09-07	Sa	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-08	Su	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-09	Mo	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-10	Tu	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-11	We	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-12	Th	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-13	Fr	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-14	Sa	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-15	Su	ELP2012-022AN Verbiest																						*1	ELP2012-022AN Verbiest		
2013-09-16	Mo	ELP2012-022AN Verbiest																						*1			
2013-09-17	Tu																								ELP2012-022AN Verbiest		
2013-09-18	We	ELP2012-022AN Verbiest																						*1	*0	ELI2013-000 ILT Operations	2
2013-09-19	Th																								ELI2013-000 LT Operations		
2013-09-20	Fr																								ELI2013-000 LT Operations		
2013-09-21	Sa																								ELI2013-000 LT Operations		
2013-09-22	Su																								ELI2013-000 LT Operations		
2013-09-23	Mo																								ELI2013-000 LT Operations		
2013-09-24	Tu																								ELI2013-000 LT Operations		
2013-09-25	We																								ELI2013-000 LT Operations		
2013-09-26	Th																								ELI2013-000 LT Operations		
2013-09-27	Fr																								ELI2013-000 LT Operations		
2013-09-28	Sa																								ELI2013-000 LT Operations		
2013-09-29	Su																								ELI2013-000 LT Operations		
2013-09-30	Mo	ELI2013-000 ILT Operations										*0	ELP2012-022AN Verbiest														

UTC

LST

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-006 Verbiest, Kuniyoshi
- 2 ELP2012-022AN Verbiest

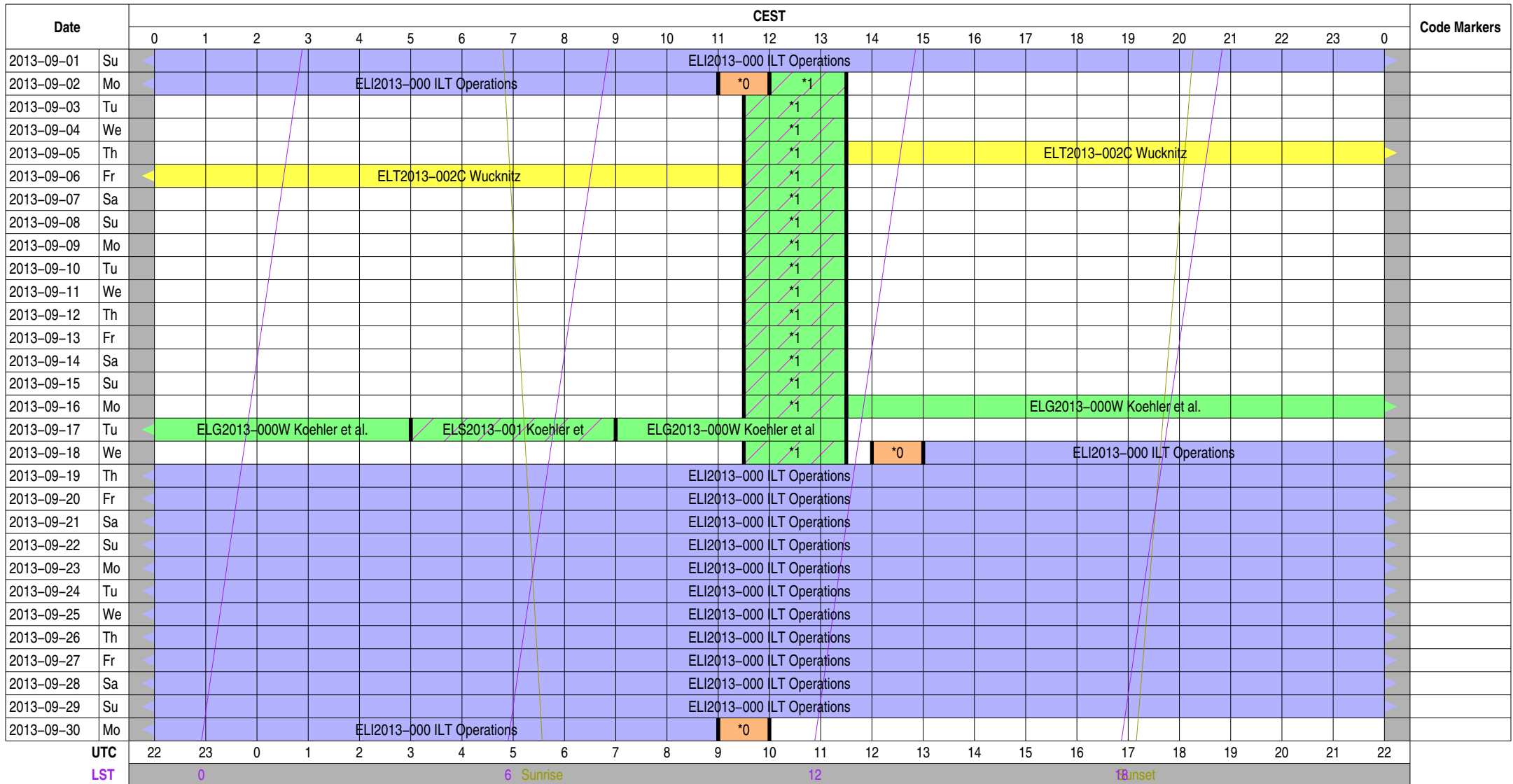
Other Code Markers

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 2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

Other Code Markers

Color Meanings

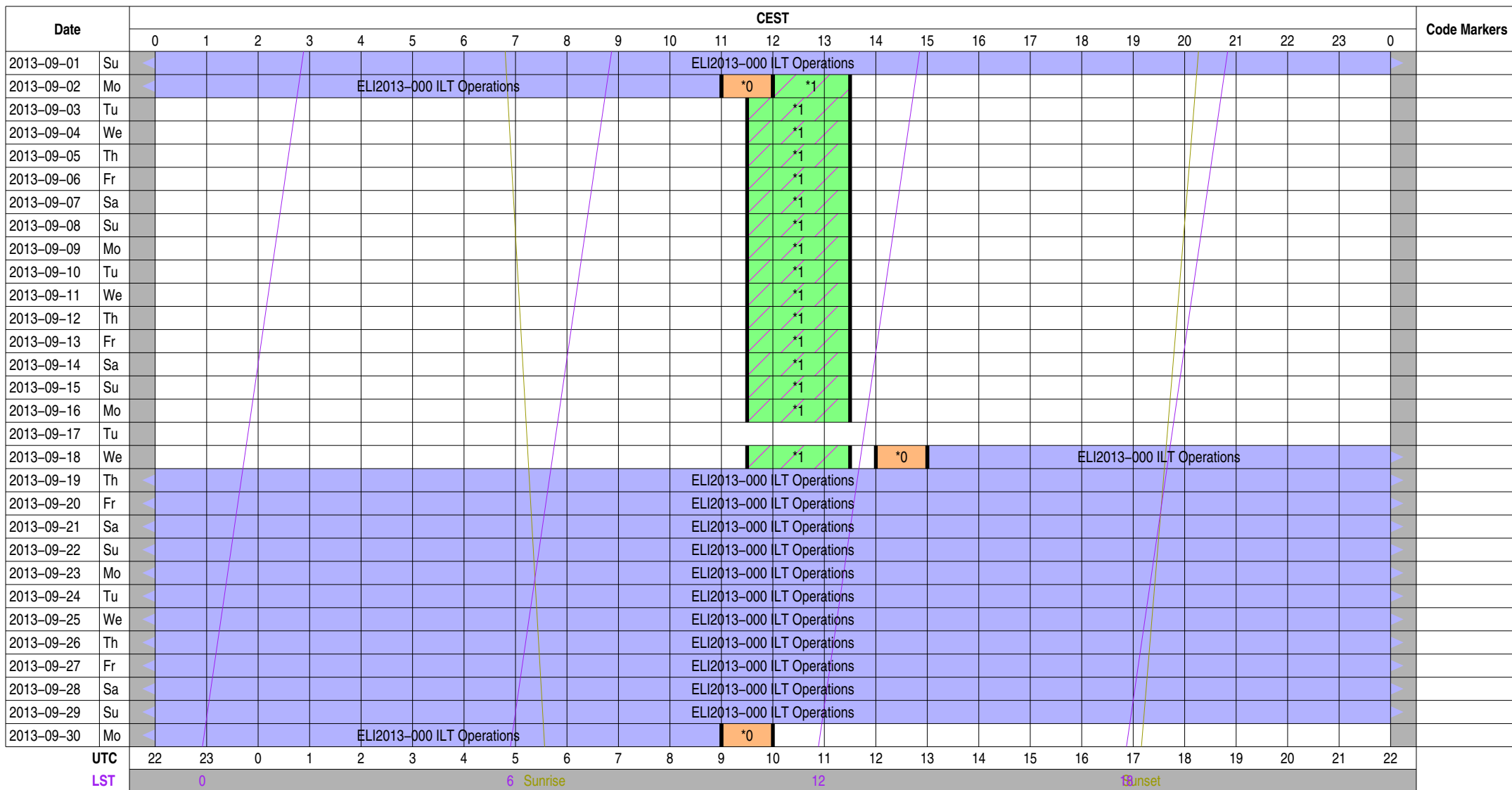
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|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg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

2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

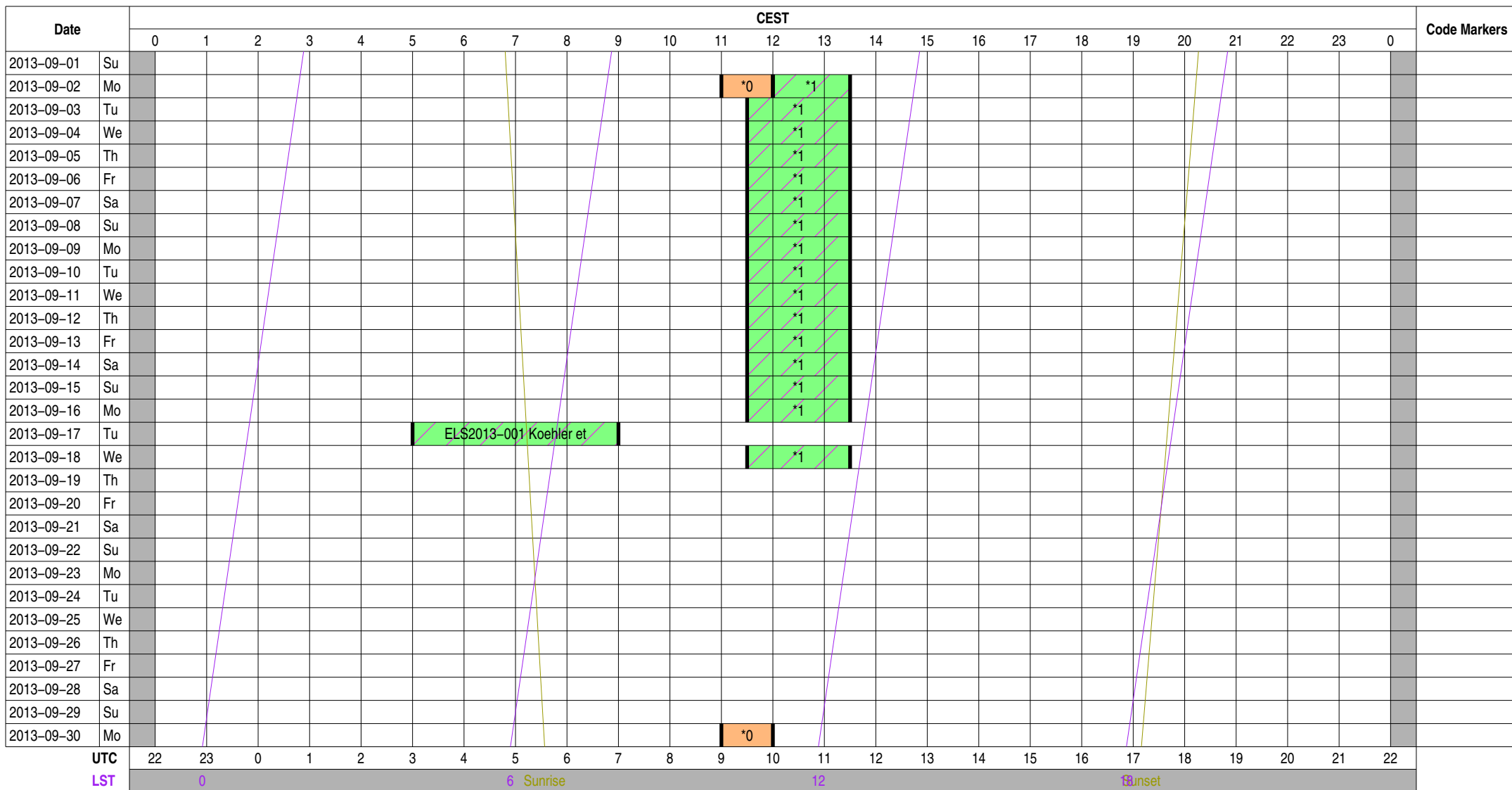
Other Code Markers

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 2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

Other Code Markers

Color Meanings

- 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
- Piggyback Control
- Piggyback Without Control
- Experiment Warning
- Override Possible

Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-09-01 through 2013-09-30

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Date	CEST																								Code Markers			
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2013-09-04	We												*1															
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2013-09-22	Su																											
2013-09-23	Mo																											
2013-09-24	Tu																											
2013-09-25	We																											
2013-09-26	Th																											
2013-09-27	Fr																											
2013-09-28	Sa																											
2013-09-29	Su																											
2013-09-30	Mo												*0															

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 6 Sunrise 12 Sunset

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-006 Verbiest, Kuniyosh
- 2 ELP2012-022AN Verbiest

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 2013-09-01 through 2013-09-30

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Date	CEST																								Code Markers	
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2013-09-03	Tu												*1													
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2013-09-05	Th												*1													
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2013-09-21	Sa																									
2013-09-22	Su																									
2013-09-23	Mo																									
2013-09-24	Tu																									
2013-09-25	We																									
2013-09-26	Th																									
2013-09-27	Fr																									
2013-09-28	Sa																									
2013-09-29	Su																									
2013-09-30	Mo												*0													

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 6 Sunrise 12 Sunset

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-006 Verbiest, Kuniyosh
- 2 ELP2012-022AN Verbiest

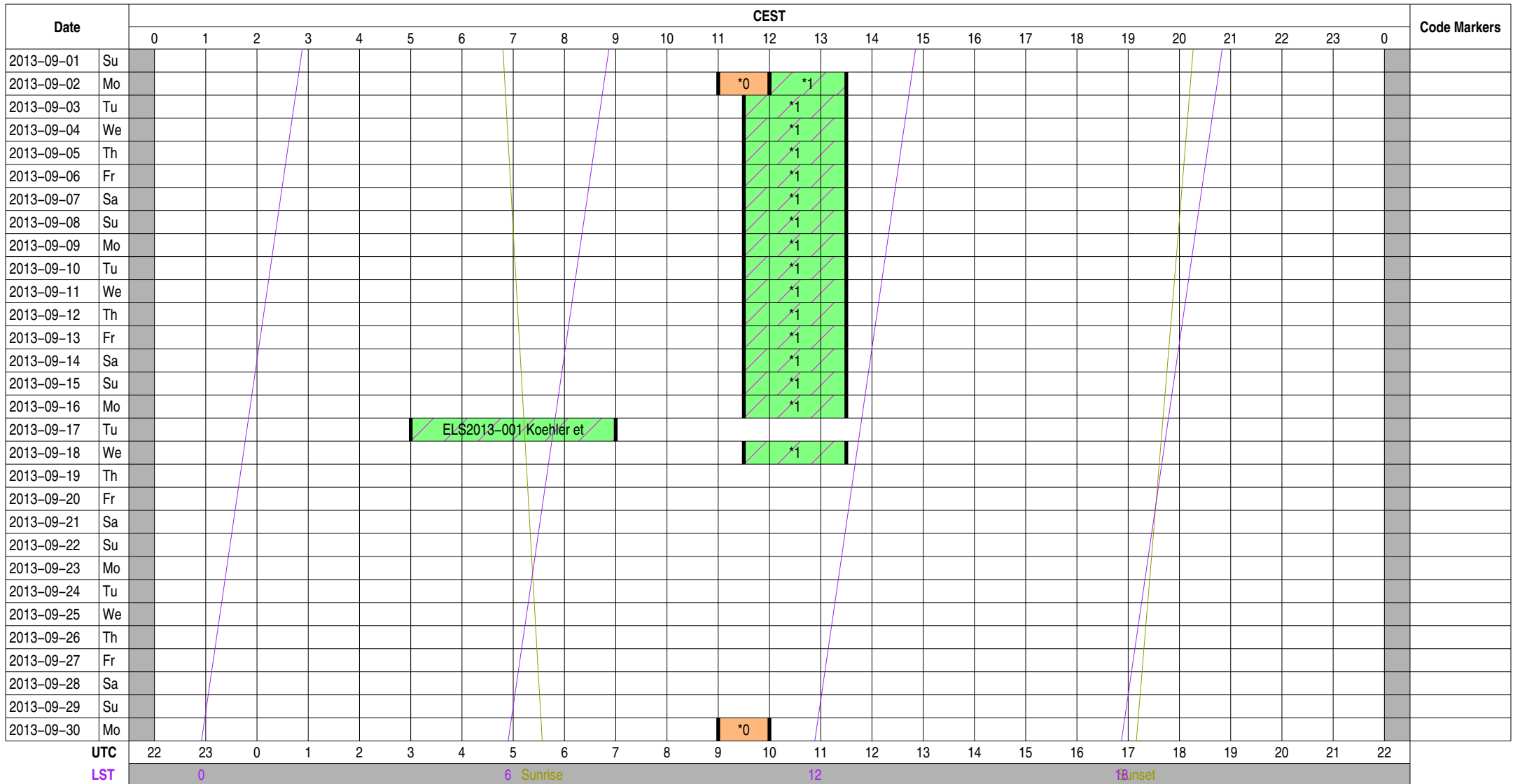
Other Code Markers

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 2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

Other Code Markers

Color Meanings

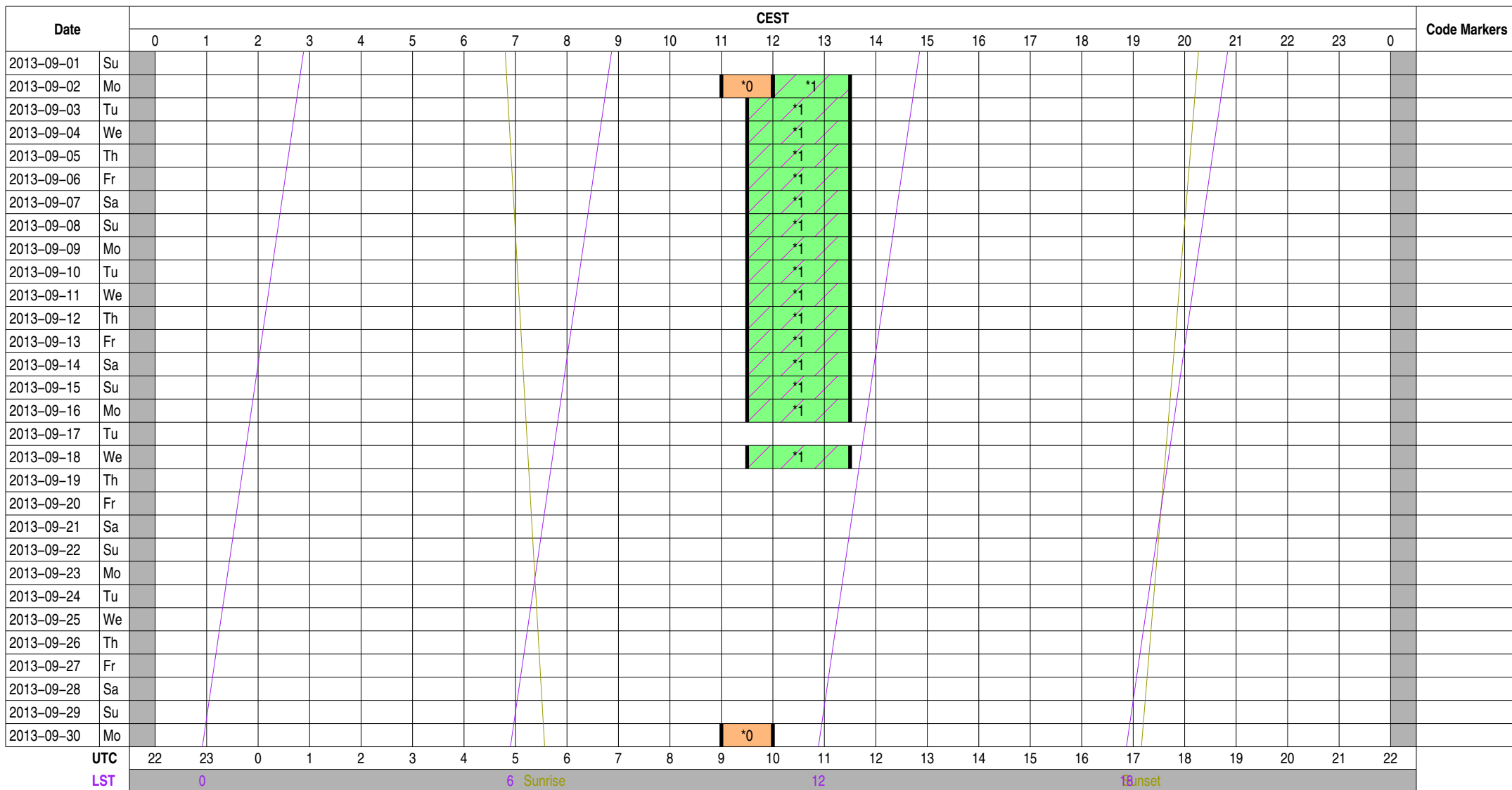
- Science A (Astrometry)
- Science C (Cosmology)
- Science E (Extragalactic)
- Science G (Galactic)
- Science H (Ionosphere)
- Science N (AGN)
- Science O (Other)
- Science P (Pulsar)
- Science R (Cosmic Rays)
- Science S (Solar System)
- Test Observation
- Maintenance Mode
- ILT Mode
- Effelsberg Mode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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

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

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 | |

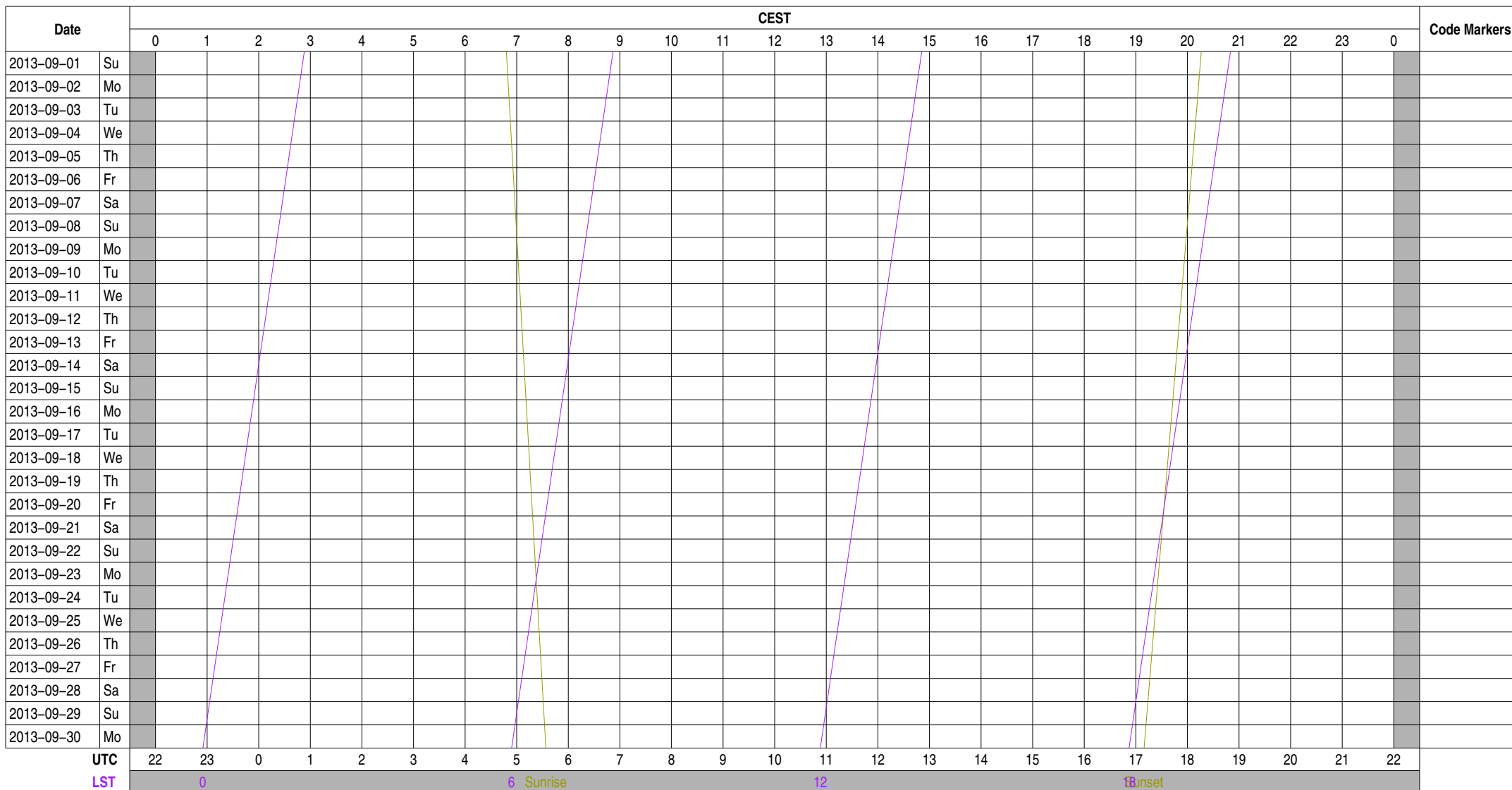
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 Operator Telephone: +49 2257 301 155
 Web Page: https://deki.mpifr-bonn.mpg.de/Cooperations/LOFAR/Effelsberg_LOFAR_Schedule

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-09-01 through 2013-09-30

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Normal Experiment Code Markers

Other Code Markers

Color Meanings

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

Experiment Information for Other Actions

Experiment Information for Operator On-Duty Schedule

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

