

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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	
2013-05-10Fr											ELI2013-000 LT Operations														
2013-05-11Sa											ELI2013-000 LT Operations														
2013-05-12Su											ELI2013-000 LT Operations														
2013-05-13Mo	ELI2013-000 ILT Operations										*0														
2013-05-14Tu																									
2013-05-15We	*0		ELI2013-000 ILT Operations																						
2013-05-16Th											ELI2013-000 LT Operations														
2013-05-17Fr											ELI2013-000 LT Operations														
2013-05-18Sa											ELI2013-000 LT Operations														
2013-05-19Su											ELI2013-000 LT Operations														
2013-05-20Mo											ELI2013-000 LT Operations														
2013-05-21Tu											ELI2013-000 LT Operations														
2013-05-22We	ELI2013-000 ILT Operations										*0														
2013-05-23Th																									
2013-05-24Fr																									

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	Sunrise	0						6	Sunset					

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

2013-05-10 through 2013-05-24

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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	
2013-05-10Fr											ELI2013-000 LT Operations														
2013-05-11Sa											ELI2013-000 LT Operations														
2013-05-12Su											ELI2013-000 LT Operations														
2013-05-13Mo	ELI2013-000 ILT Operations										*0														
2013-05-14Tu																									
2013-05-15We	*0		ELI2013-000 ILT Operations																						
2013-05-16Th											ELI2013-000 LT Operations														
2013-05-17Fr											ELI2013-000 LT Operations														
2013-05-18Sa											ELI2013-000 LT Operations														
2013-05-19Su											ELI2013-000 LT Operations														
2013-05-20Mo											ELI2013-000 LT Operations														
2013-05-21Tu											ELI2013-000 LT Operations														
2013-05-22We	ELI2013-000 ILT Operations										*0														
2013-05-23Th																									
2013-05-24Fr																									

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	Sunrise		0								6	Sunset					

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 2013-05-10 through 2013-05-24

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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	
2013-05-10Fr											ELI2013-000 LT Operations														
2013-05-11Sa											ELI2013-000 LT Operations														
2013-05-12Su											ELI2013-000 LT Operations														
2013-05-13Mo	ELI2013-000 ILT Operations										*0														
2013-05-14Tu																									
2013-05-15We											*0		ELI2013-000 ILT Operations												
2013-05-16Th											ELI2013-000 LT Operations														
2013-05-17Fr											ELI2013-000 LT Operations														
2013-05-18Sa											ELI2013-000 LT Operations														
2013-05-19Su											ELI2013-000 LT Operations														
2013-05-20Mo											ELI2013-000 LT Operations														
2013-05-21Tu											ELI2013-000 LT Operations														
2013-05-22We	ELI2013-000 ILT Operations										*0														
2013-05-23Th																									
2013-05-24Fr																									

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	Sunrise		0								6							Sunset

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

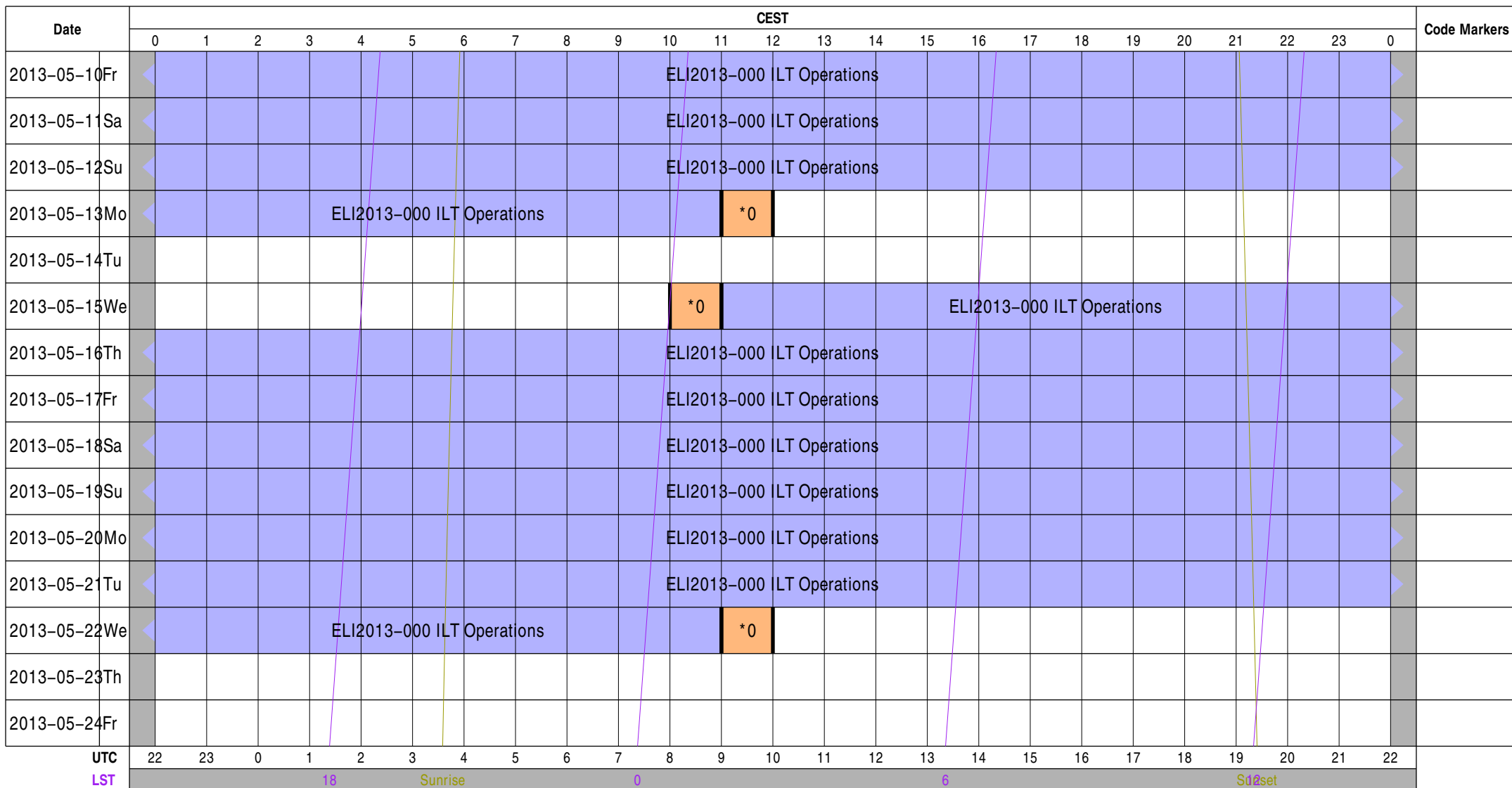
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for Low Band High (LBA)

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

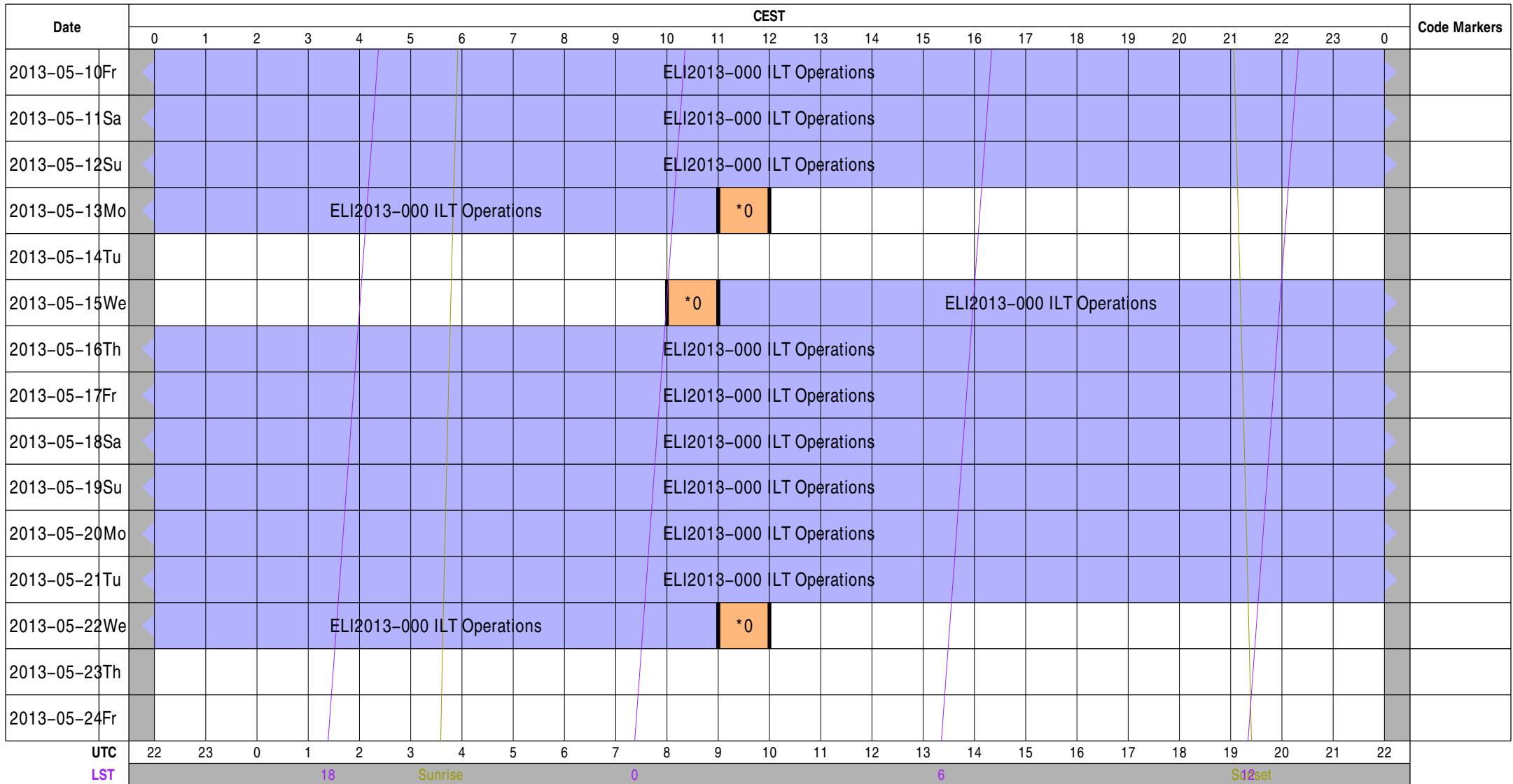
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-05-10 through 2013-05-24

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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

2013-05-10 through 2013-05-24

Date	CEST																								Code Markers
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2013-05-10Fr											ELI2013-000 LT Operations														
2013-05-11Sa											ELI2013-000 LT Operations														
2013-05-12Su											ELI2013-000 LT Operations														
2013-05-13Mo	ELI2013-000 ILT Operations										*0														
2013-05-14Tu																									
2013-05-15We	*0		ELI2013-000 ILT Operations																						
2013-05-16Th											ELI2013-000 LT Operations														
2013-05-17Fr											ELI2013-000 LT Operations														
2013-05-18Sa											ELI2013-000 LT Operations														
2013-05-19Su											ELI2013-000 LT Operations														
2013-05-20Mo											ELI2013-000 LT Operations														
2013-05-21Tu											ELI2013-000 LT Operations														
2013-05-22We	ELI2013-000 ILT Operations										*0														
2013-05-23Th																									
2013-05-24Fr																									

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										Sunrise		0		6						Sunset							

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

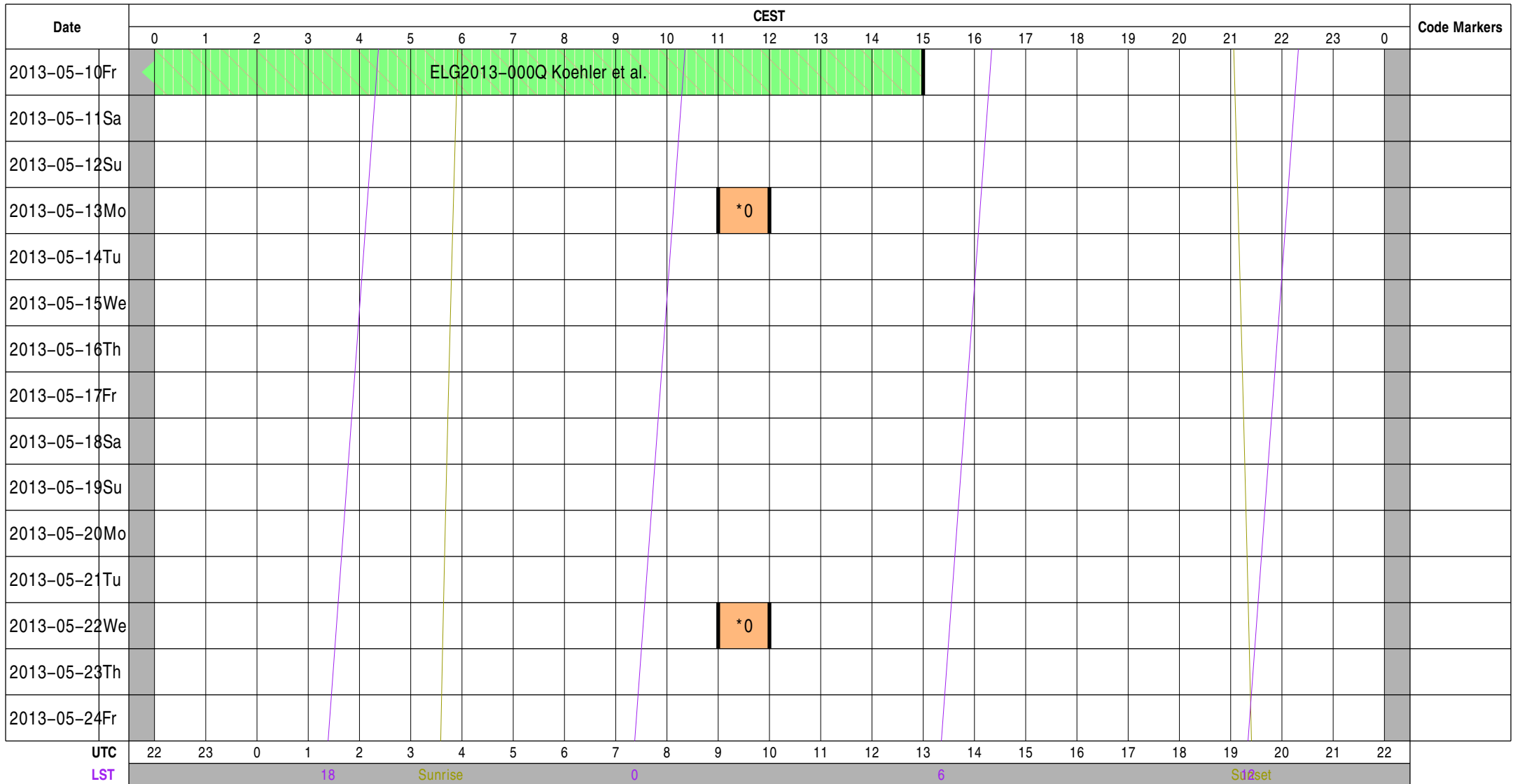
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

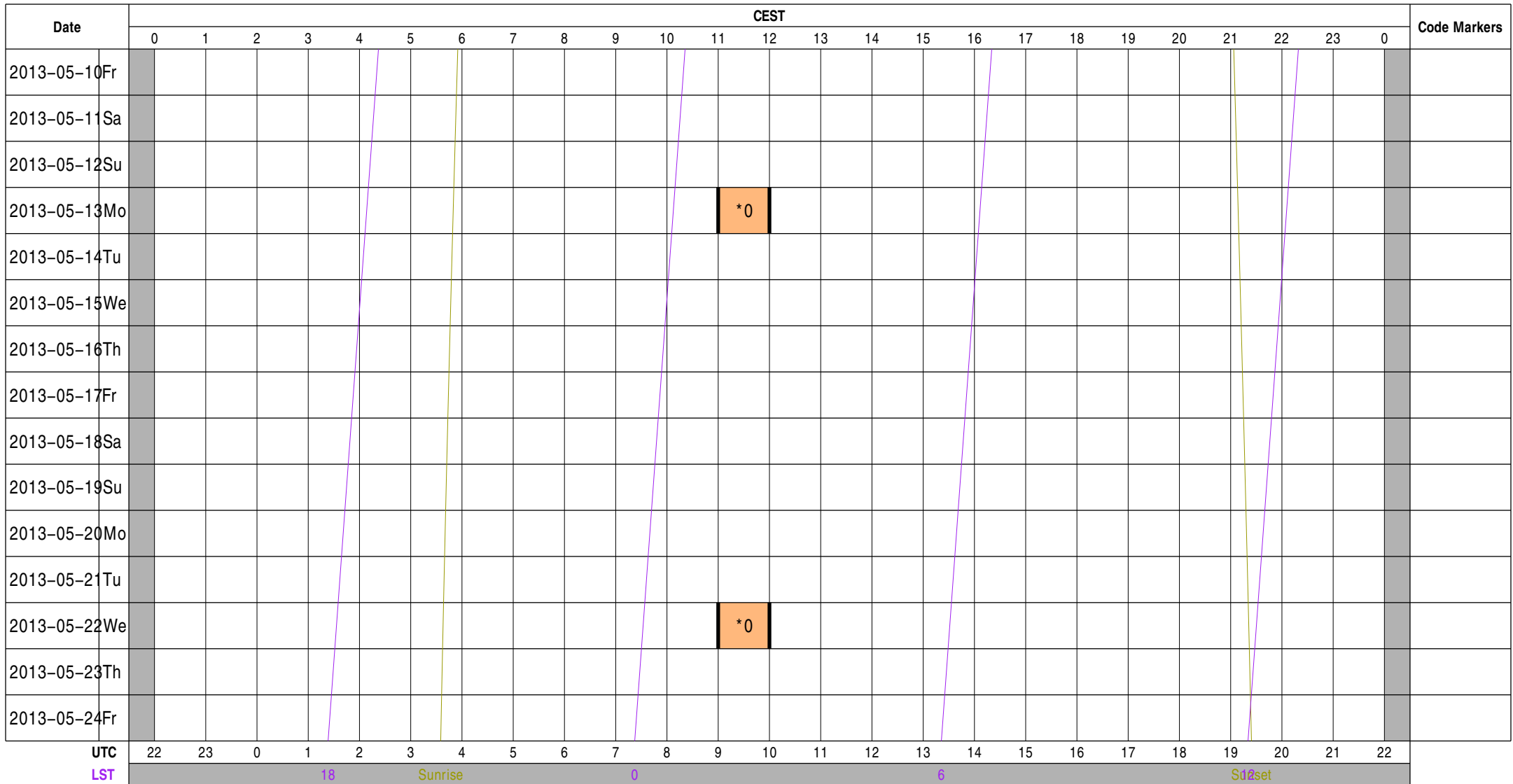
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

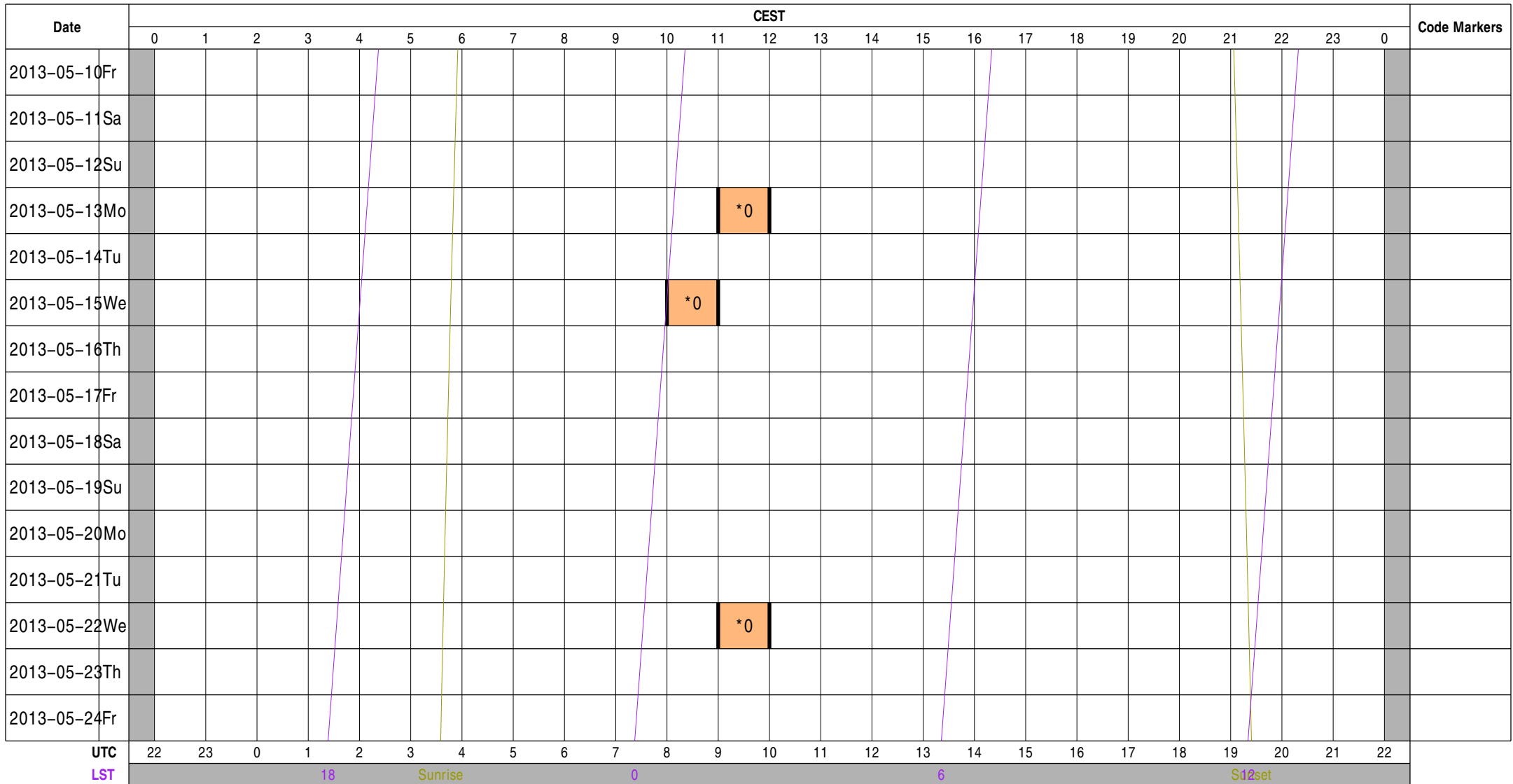
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E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

2013-05-10 through 2013-05-24

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

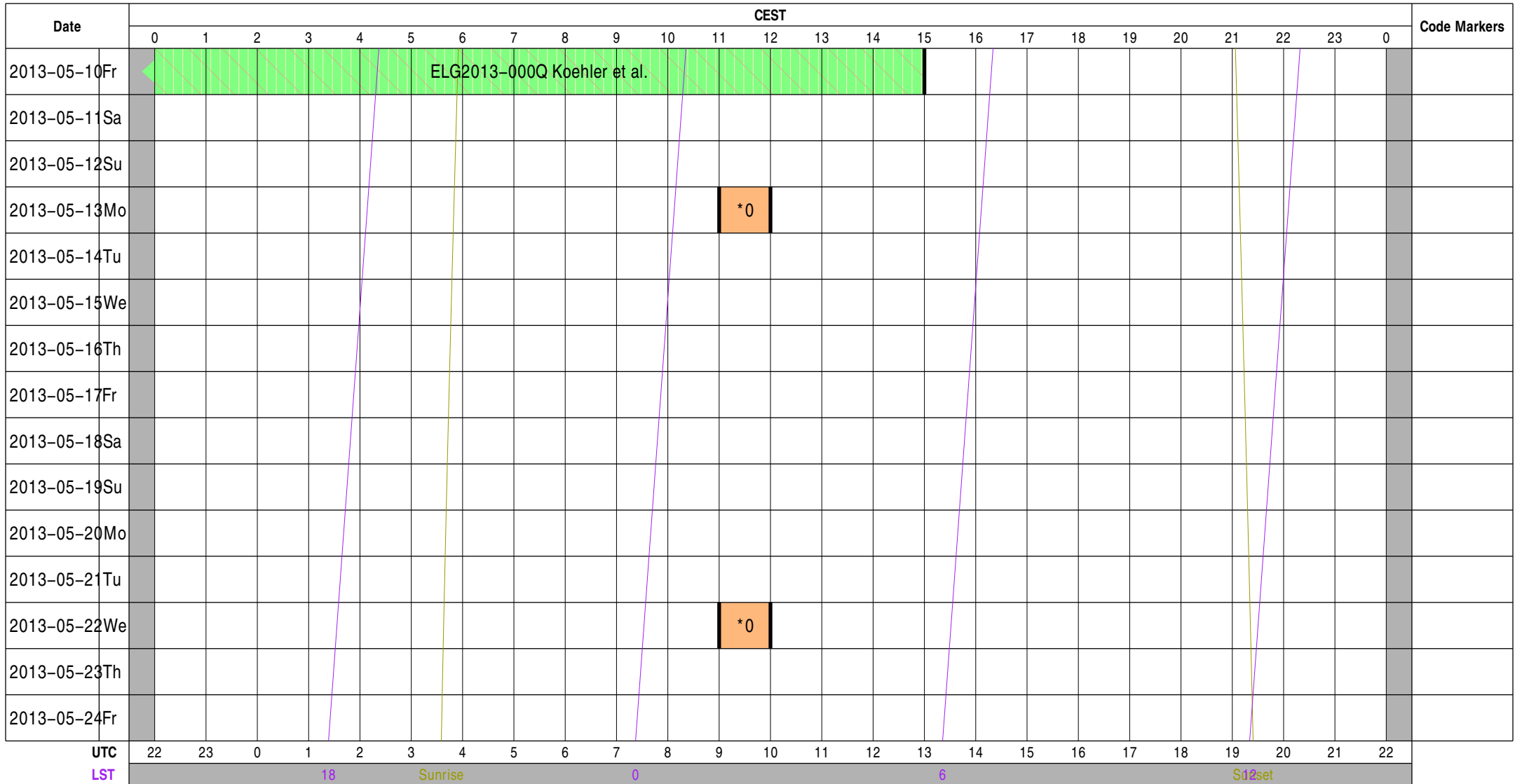
Other Code Markers

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 Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-05-10 through 2013-05-24

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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 Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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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	
2013-05-10Fr											ELI2013-000 LT Operations														
2013-05-11Sa											ELI2013-000 LT Operations														
2013-05-12Su											ELI2013-000 LT Operations														
2013-05-13Mo	ELI2013-000 ILT Operations										*0														
2013-05-14Tu																									
2013-05-15We											*0		ELI2013-000 ILT Operations												
2013-05-16Th											ELI2013-000 LT Operations														
2013-05-17Fr											ELI2013-000 LT Operations														
2013-05-18Sa											ELI2013-000 LT Operations														
2013-05-19Su											ELI2013-000 LT Operations														
2013-05-20Mo											ELI2013-000 LT Operations														
2013-05-21Tu											ELI2013-000 LT Operations														
2013-05-22We	ELI2013-000 ILT Operations										*0														
2013-05-23Th																									
2013-05-24Fr																									

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	Sunrise		0								6	Sunset					

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

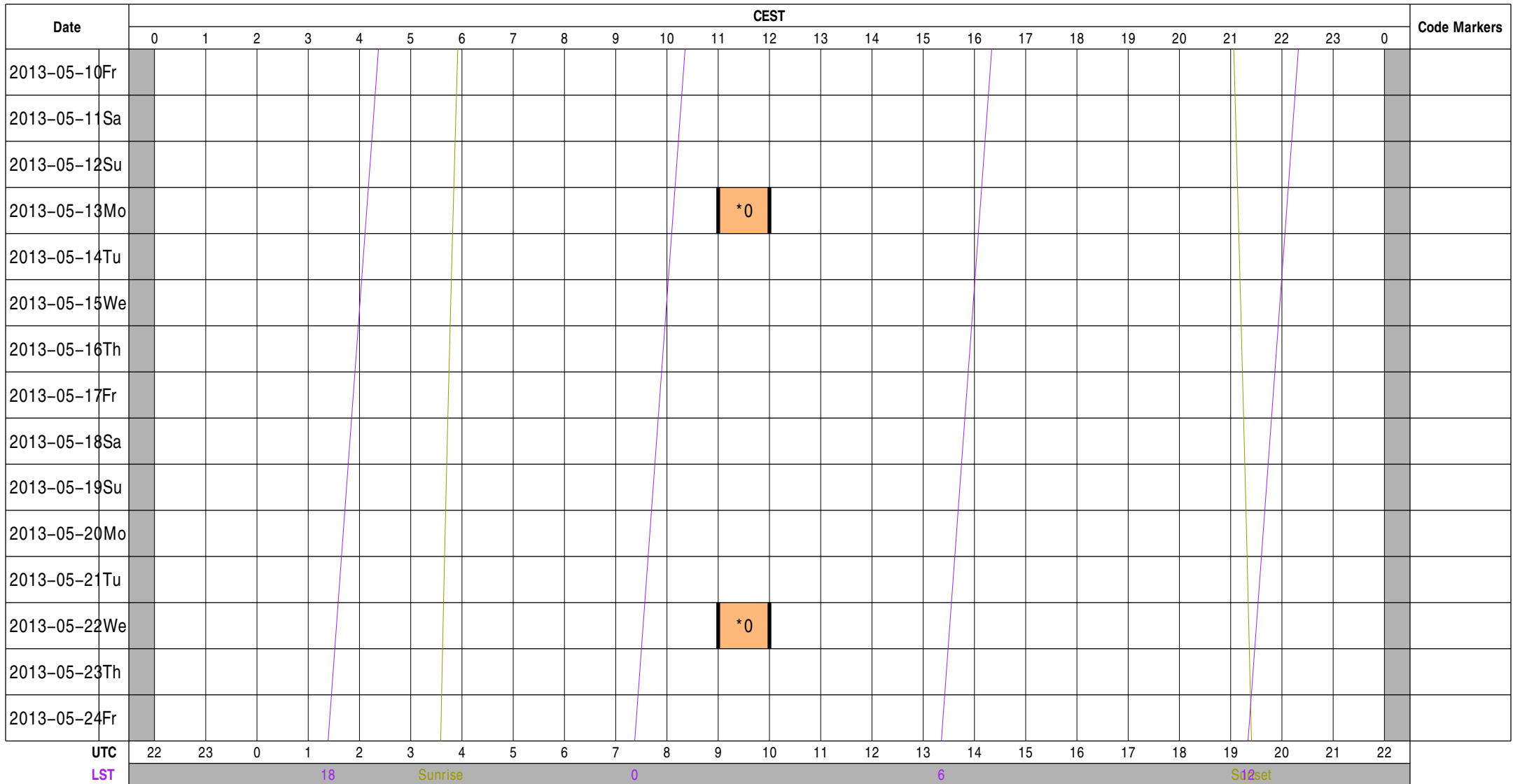
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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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 Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-05-10 through 2013-05-24

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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	
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2013-05-11Sa											ELD2013-002 Kuniyoshi														
2013-05-12Su											ELD2013-002 Kuniyoshi														
2013-05-13Mo											ELD2013-000 EF														
2013-05-14Tu											ELD2013-000 EF														
2013-05-15We											ELD2013-000 EF														
2013-05-16Th											ELD2013-000 EF														
2013-05-17Fr											ELD2013-000 EF														
2013-05-18Sa											ELD2013-000 EF														
2013-05-19Su											ELD2013-000 EF														
2013-05-20Mo											ELD2013-002 Kuniyoshi														
2013-05-21Tu											ELD2013-002 Kuniyoshi														
2013-05-22We											ELD2013-002 Kuniyoshi														
2013-05-23Th											ELD2013-002 Kuniyoshi														
2013-05-24Fr											ELD2013-002 Kuniyoshi														

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		Sunrise				0						6					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@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 Q	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
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)

Experiment Information for Other Actions

Experiment Information for Operator On-Duty Schedule

ELD2013-000	EF	operator@mpifr-bonn.mpg.de	+49 2257 301 155	Effelsberg operator
ELD2013-000	EF	operator@mpifr-bonn.mpg.de	+49 2257 301 155	Effelsberg operator
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
ELD2013-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler

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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