

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

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	CET																								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
2013-03-22Fr											ELI2013-000 LT Operations															
2013-03-23Sa											ELI2013-000 LT Operations															
2013-03-24Su											ELI2013-000 LT Operations															
2013-03-25Mo	ELI2013-000 LT Operations										*0	*1	ELM2013-012 Kuniyoshi,				ELP2012-022M Verbiest									
2013-03-26Tu	*2	*1	ELT2013-003A Koehler et al.										ELP2012-022N Verbiest													
2013-03-27We	ELP2012-022N Verbiest								*0	ELI2013-000 ILT Operations																
2013-03-28Th	ELI2013-000 ILT Operations										*0	ELP2012-022O Verbiest														
2013-03-29Fr	ELP2012-022O Verbiest										ELM2013-012 Kuniyoshi,				ELI2013-000 ILT Operations											
2013-03-30Sa											ELI2013-000 LT Operations															
2013-03-31Su											ELI2013-000 LT Operations															
2013-04-01Mo	ELI2013-000 LT Operations										*0															
2013-04-02Tu																										
2013-04-03We									*0	ELI2013-000 ILT Operations																
2013-04-04Th											ELI2013-000 LT Operations															
2013-04-05Fr											ELI2013-000 LT Operations															
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	18 sunrise 0 6 Sunset 12																									

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-002 Wucknitz
- 2 ELP2012-022M Verbiest

Other Code Markers

Color Meanings

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

Observing Plan for Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

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2013-03-22Fr											ELI2013-000 ILT Operations																			
2013-03-23Sa											ELI2013-000 ILT Operations																			
2013-03-24Su											ELI2013-000 ILT Operations																			
2013-03-25Mo	ELI2013-000 ILT Operations										*0																			
2013-03-26Tu																														
2013-03-27We									*0		ELI2013-000 ILT Operations																			
2013-03-28Th	ELI2013-000 ILT Operations																													
2013-03-29Fr											ELM2013-012 Kuniyoshi,					ELI2013-000 ILT Operations														
2013-03-30Sa											ELI2013-000 ILT Operations																			
2013-03-31Su											ELI2013-000 ILT Operations																			
2013-04-01Mo	ELI2013-000 ILT Operations										*0																			
2013-04-02Tu																														
2013-04-03We									*0		ELI2013-000 ILT Operations																			
2013-04-04Th											ELI2013-000 ILT Operations																			
2013-04-05Fr											ELI2013-000 ILT Operations																			
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
LST																									18					
											0														6	Sunset				12

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

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

Observing Plan for HBA MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Date	CET																								Code Markers	
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2013-03-22Fr											ELI2013-000 LT Operations															
2013-03-23Sa											ELI2013-000 LT Operations															
2013-03-24Su											ELI2013-000 LT Operations															
2013-03-25Mo	ELI2013-000 LT Operations										*0	ELM2013-012 Kuniyoshi,					ELP2012-022M Verbiest									
2013-03-26Tu	*1				ELT2013-003A Koehler et al.										ELP2012-022N Verbiest											
2013-03-27We	ELP2012-022N Verbiest								*0	ELI2013-000 ILT Operations																
2013-03-28Th	ELI2013-000 ILT Operations															ELP2012-022O Verbiest										
2013-03-29Fr	ELP2012-022O Verbiest										ELM2013-012 Kuniyoshi,					ELI2013-000 ILT Operations										
2013-03-30Sa											ELI2013-000 LT Operations															
2013-03-31Su											ELI2013-000 LT Operations															
2013-04-01Mo	ELI2013-000 LT Operations										*0															
2013-04-02Tu																										
2013-04-03We									*0	ELI2013-000 ILT Operations																
2013-04-04Th											ELI2013-000 LT Operations															
2013-04-05Fr											ELI2013-000 LT Operations															
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	18 sunrise 0 6 Sunset 12																									

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-022M Verbiest

Other Code Markers

Color Meanings

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

Observing Plan for Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Date	CET																								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				
2013-03-22Fr											ELI2013-000 LT Operations																			
2013-03-23Sa											ELI2013-000 LT Operations																			
2013-03-24Su											ELI2013-000 LT Operations																			
2013-03-25Mo	ELI2013-000 LT Operations										*0	*1																		
2013-03-26Tu											*1																			
2013-03-27We											*0	ELI2013-000 ILT Operations																		
2013-03-28Th	ELI2013-000 ILT Operations																													
2013-03-29Fr											ELM2013-012 Kuniyoshi,					ELI2013-000 ILT Operations														
2013-03-30Sa											ELI2013-000 LT Operations																			
2013-03-31Su											ELI2013-000 LT Operations																			
2013-04-01Mo	ELI2013-000 LT Operations										*0																			
2013-04-02Tu																														
2013-04-03We											*0	ELI2013-000 ILT Operations																		
2013-04-04Th											ELI2013-000 LT Operations																			
2013-04-05Fr											ELI2013-000 LT Operations																			
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
LST																									18	0	6	12		

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-002 Wucknitz

Other Code Markers

Color Meanings

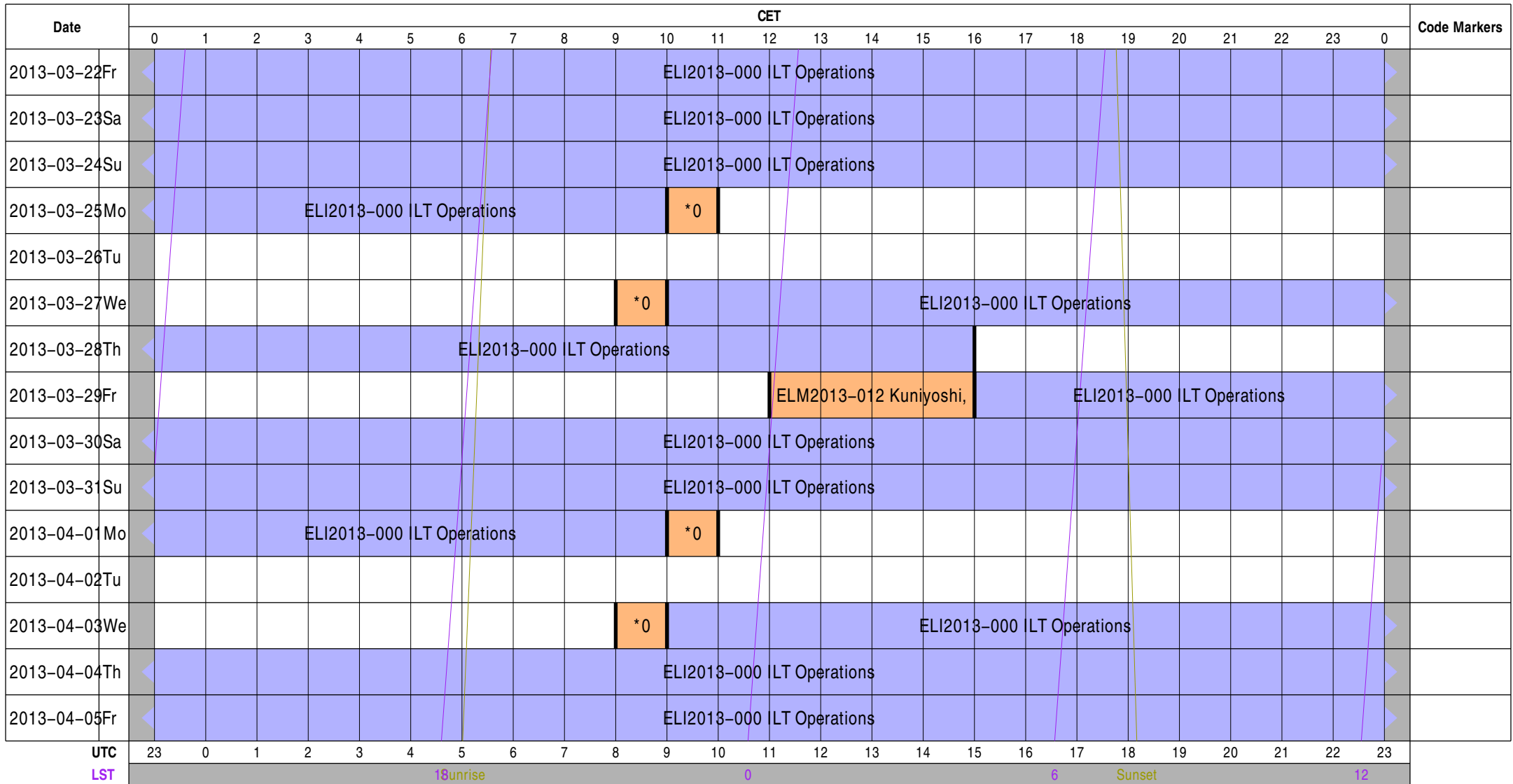
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|---------------------------|--------------------------|------------------|---------------------------|
| Science A (Astrometry) | Science N (AGN) | Test Observation | Juelich Mode |
| Science C (Cosmology) | Science O (Other) | Maintenance Mode |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

Observing Plan for Low Band Low, Unused Inputs

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

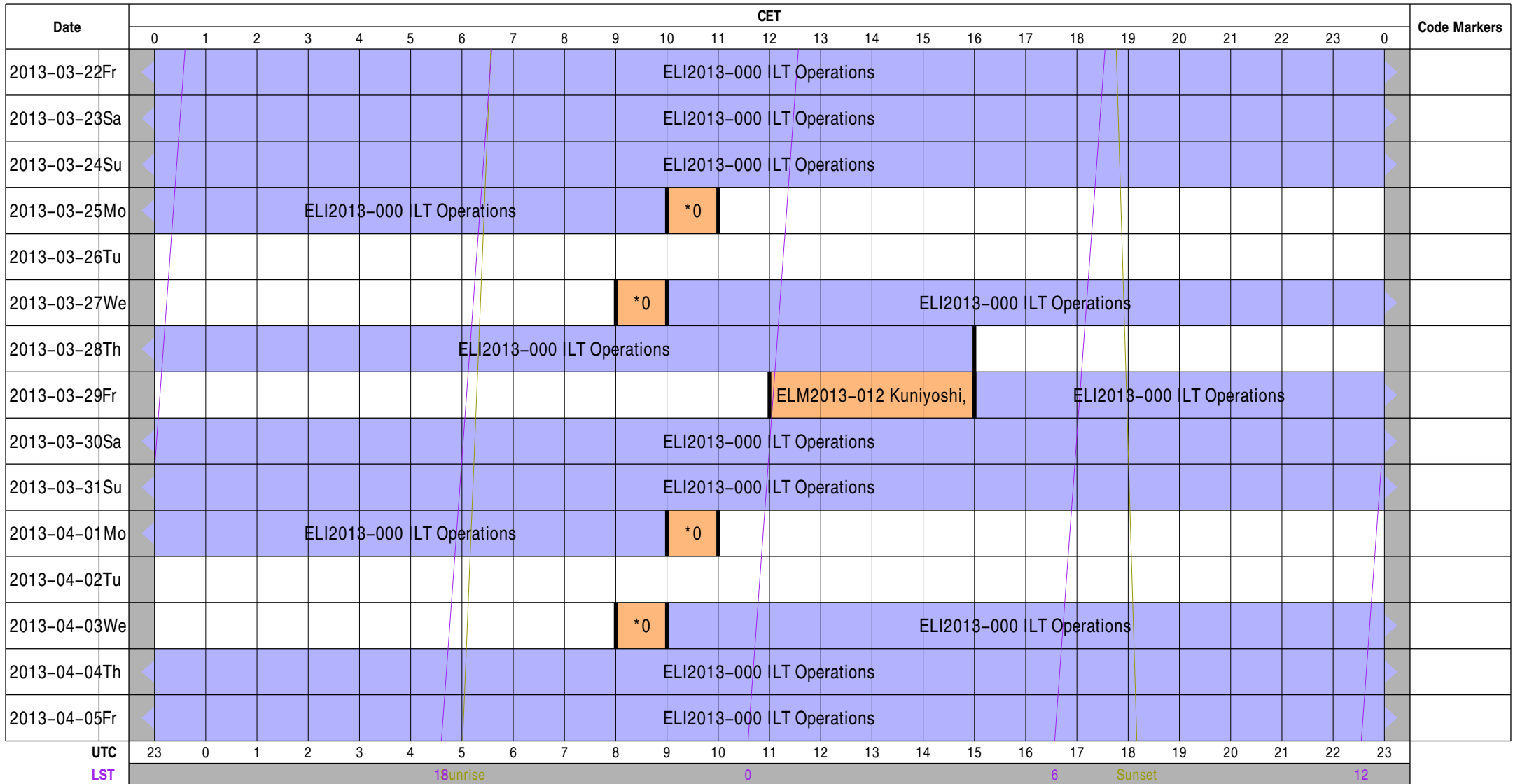
Other Code Markers

Color Meanings

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

Observing Plan for Station Interferometer MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

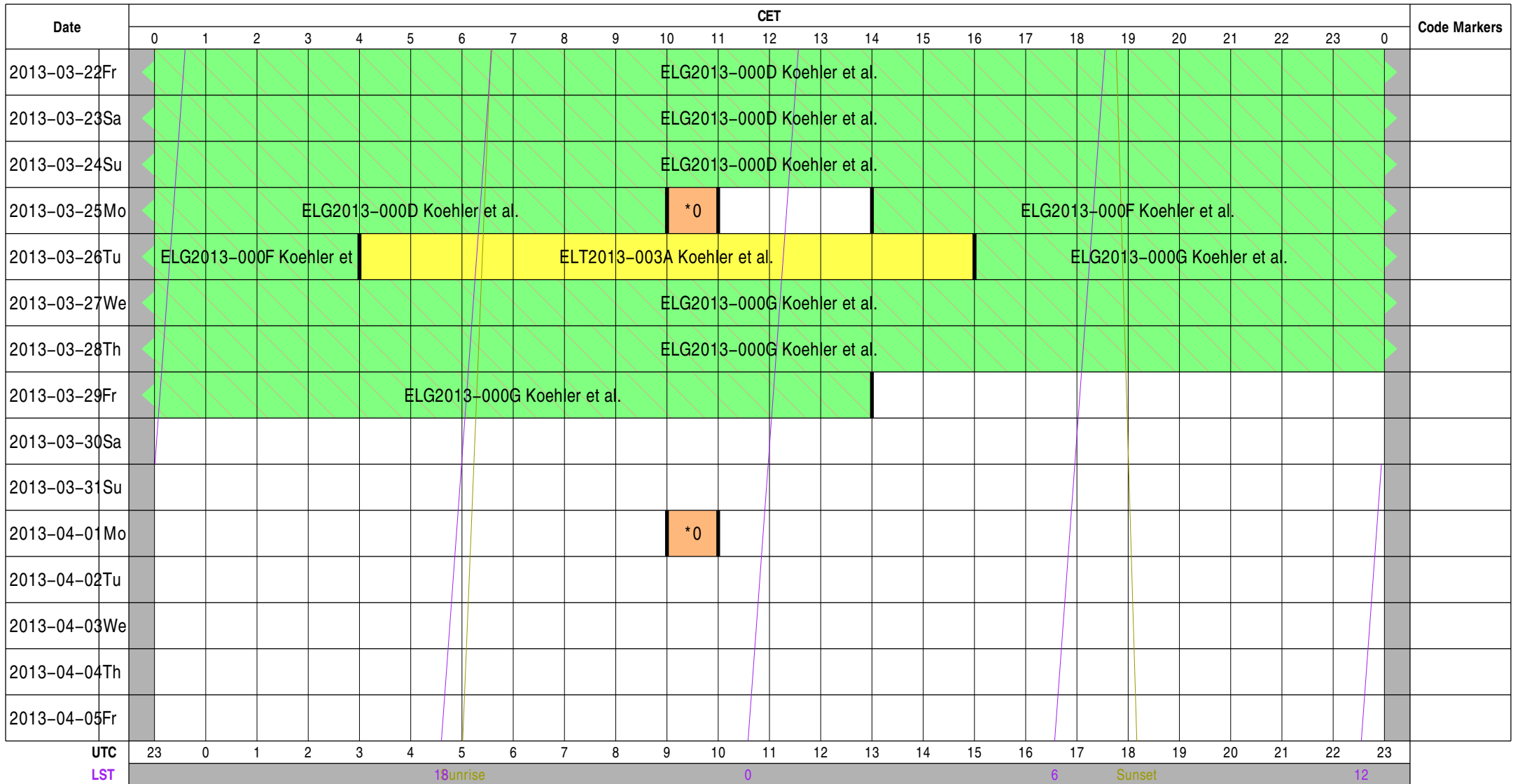
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

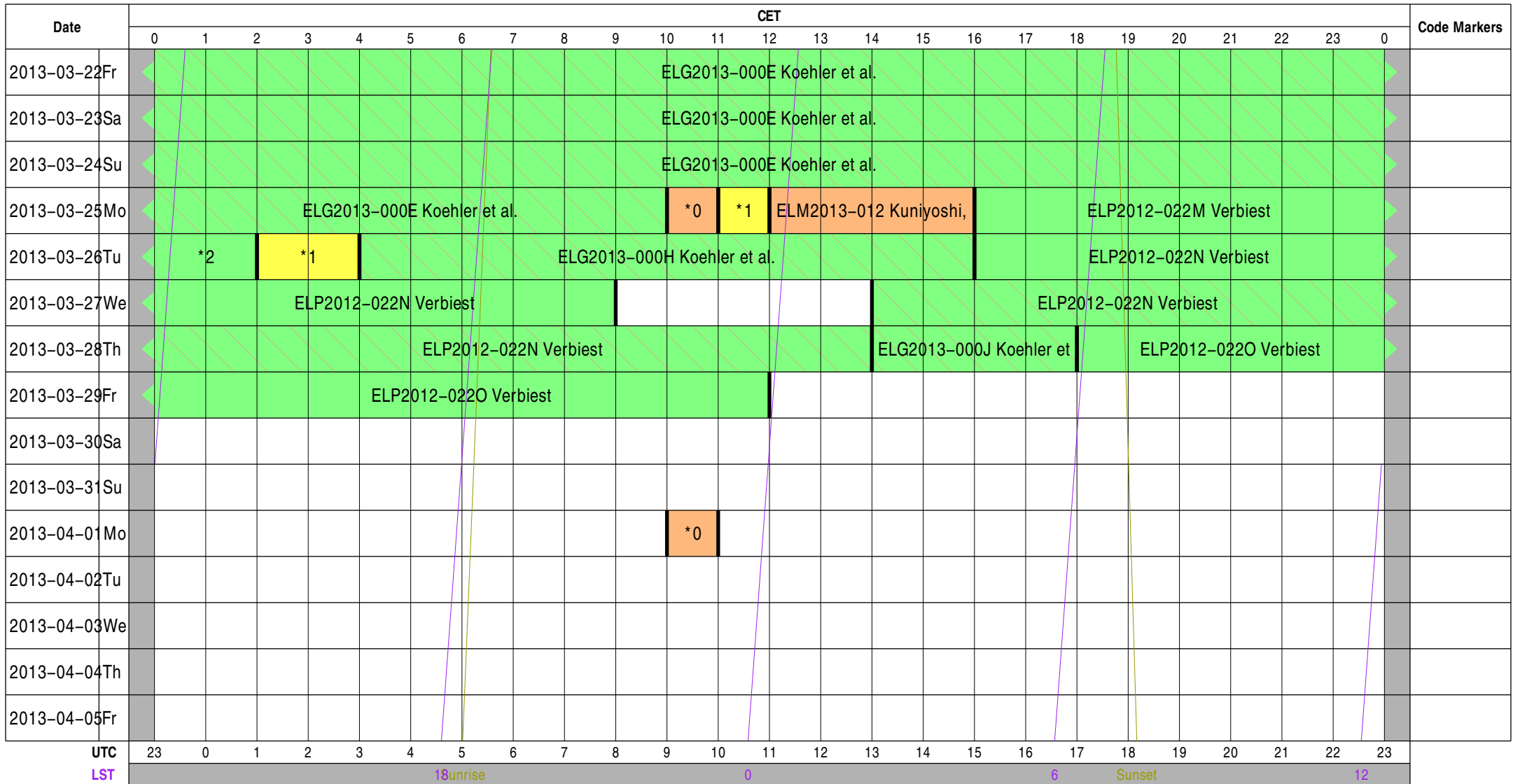
Color Meanings

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

Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05



Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-002 Wucknitz
- 2 ELP2012-022M Verbiest

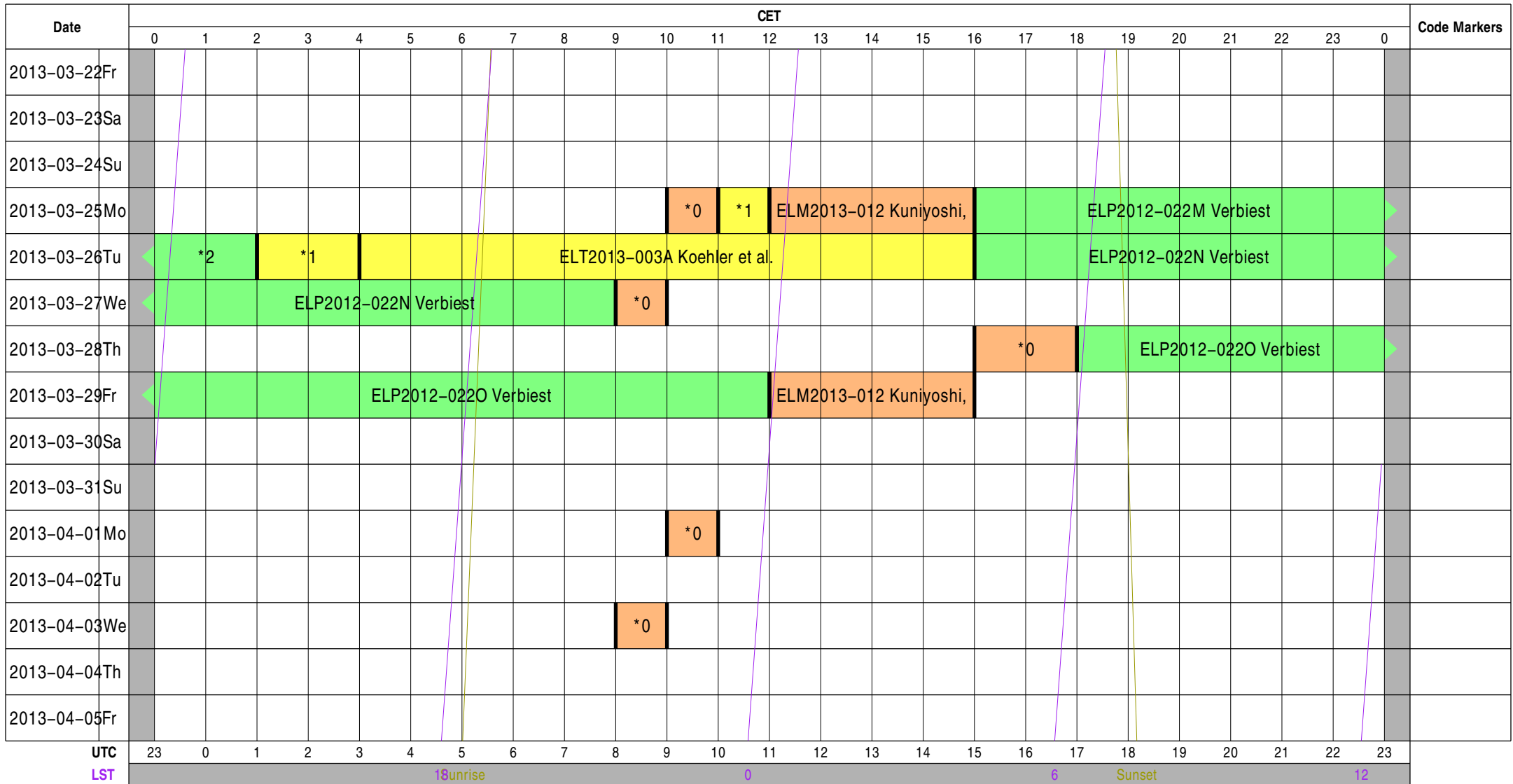
Other Code Markers

Color Meanings

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

Observing Plan for lofarx Computer MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-002 Wucknitz
- 2 ELP2012-022M Verbiest

Other Code Markers

Color Meanings

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

Observing Plan for Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Date	CET																								Code Markers
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2013-03-22Fr	ELG2013-000D Koehler et al.																								1
2013-03-23Sa	ELG2013-000D Koehler et al.																								1
2013-03-24Su	ELG2013-000D Koehler et al.																								1
2013-03-25Mo	ELG2013-000D Koehler et al.									*0	ELG2013-000K Koehler et al.														1
2013-03-26Tu	ELG2013-000K Koehler et al.				ELG2013-000H Koehler et al.								ELG2013-000K Koehler et al.								1				
2013-03-27We	ELG2013-000K Koehler et al.																								1
2013-03-28Th	ELG2013-000K Koehler et al.																								1
2013-03-29Fr	ELG2013-000K Koehler et al.																								1
2013-03-30Sa																									1
2013-03-31Su																									1
2013-04-01Mo										*0															
2013-04-02Tu																									
2013-04-03We																									
2013-04-04Th																									
2013-04-05Fr																									
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
LST																									18unrise
											0											6	Sunset	12	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELP2012-002C Kuniyoshi

Color Meanings

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

Observing Plan for LOFAR Fiber Connection MPIfR Effelsberg LOFAR Station 2013-03-22 through 2013-04-05

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Date	CET																								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				
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2013-03-23Sa											ELI2013-000 ILT Operations																			
2013-03-24Su											ELI2013-000 ILT Operations																			
2013-03-25Mo	ELI2013-000 ILT Operations										*0																			
2013-03-26Tu																														
2013-03-27We									*0		ELI2013-000 ILT Operations																			
2013-03-28Th	ELI2013-000 ILT Operations																													
2013-03-29Fr											ELM2013-012 Kuniyoshi,					ELI2013-000 ILT Operations														
2013-03-30Sa											ELI2013-000 ILT Operations																			
2013-03-31Su											ELI2013-000 ILT Operations																			
2013-04-01Mo	ELI2013-000 ILT Operations										*0																			
2013-04-02Tu																														
2013-04-03We									*0		ELI2013-000 ILT Operations																			
2013-04-04Th											ELI2013-000 ILT Operations																			
2013-04-05Fr											ELI2013-000 ILT Operations																			
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
LST	18																								0					
							Sunrise												Sunset											

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

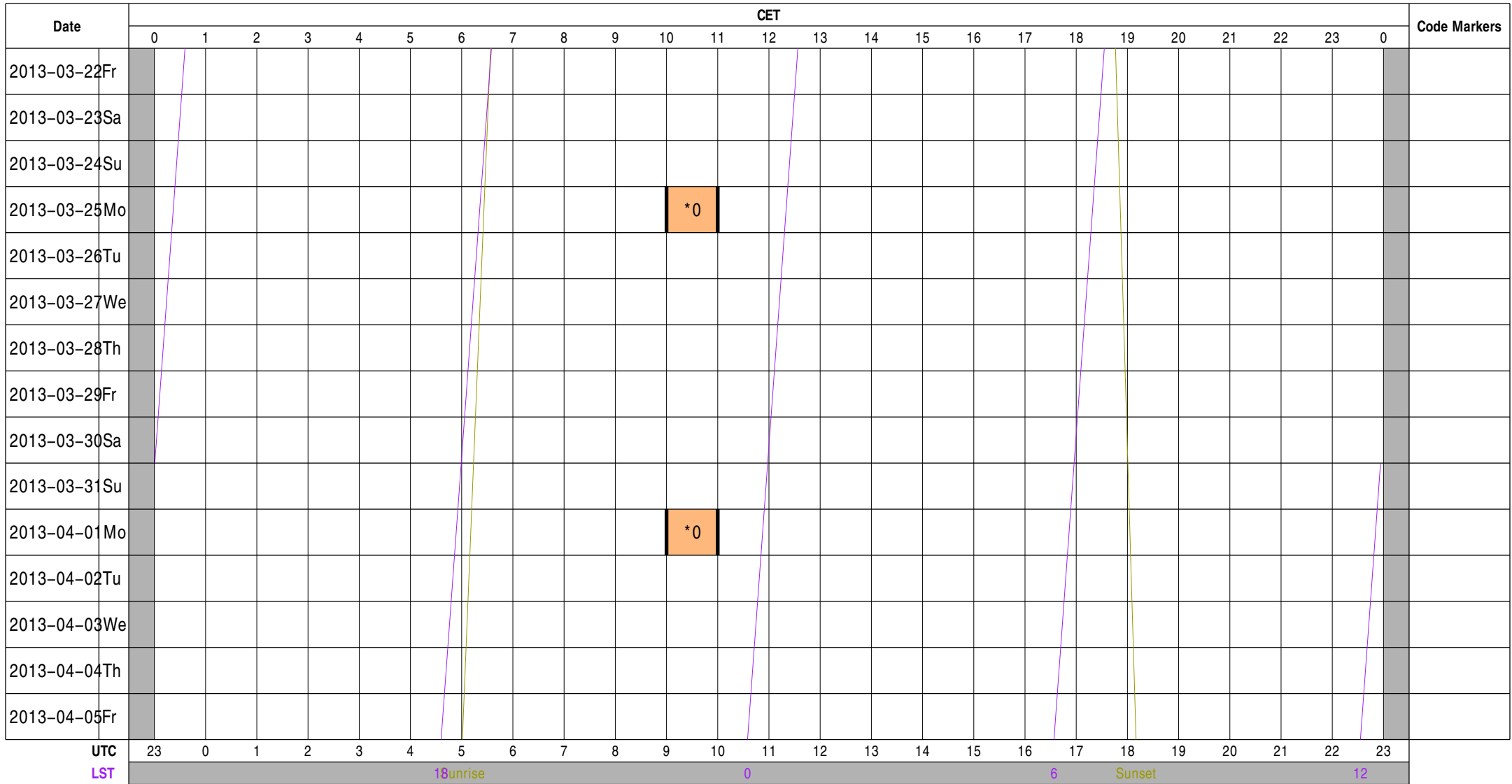
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

*0

Color Meanings

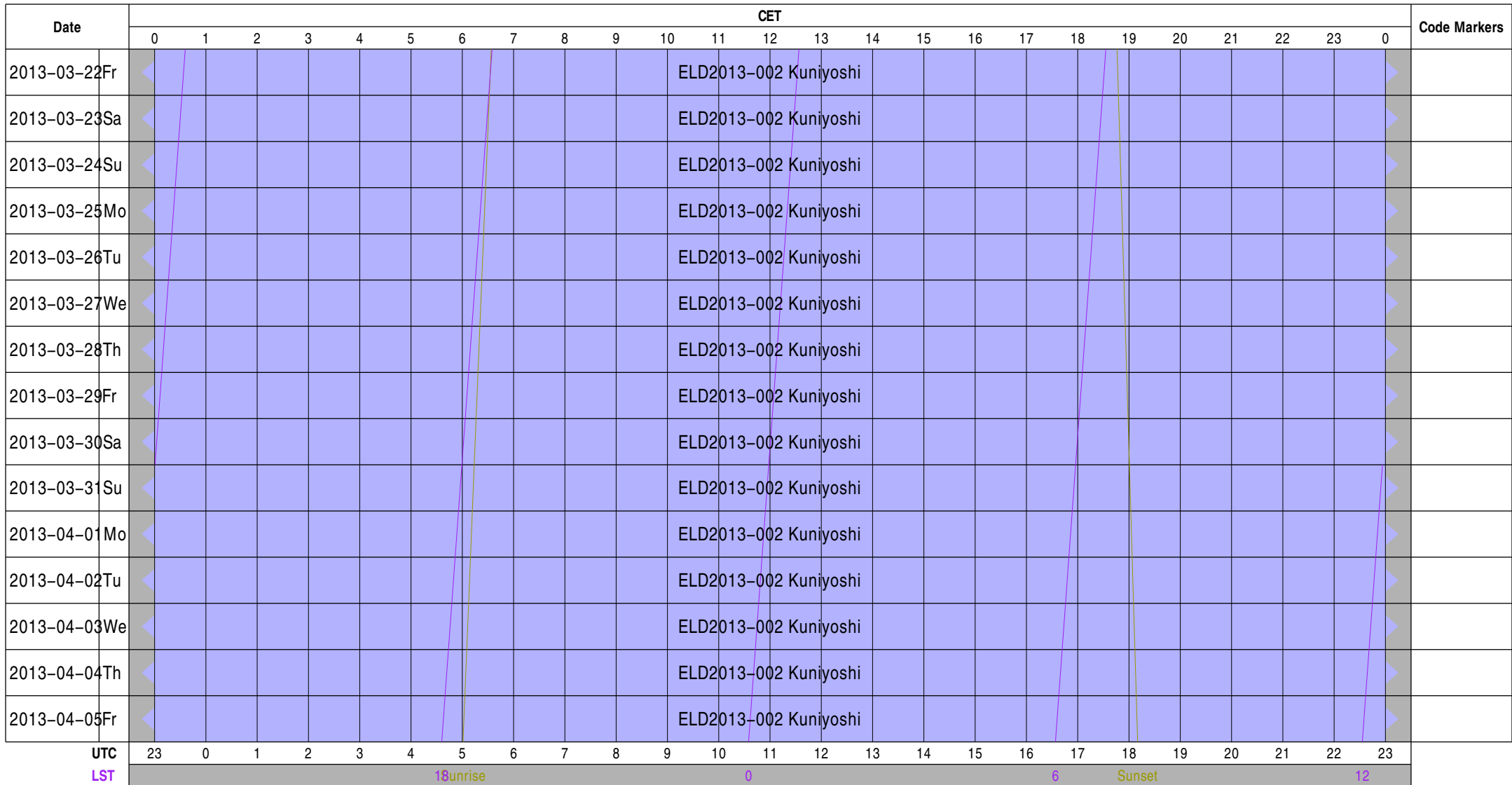
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-03-22 through 2013-04-05

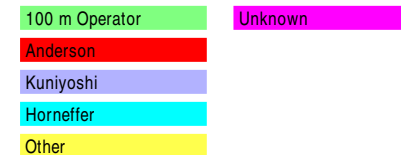
For any publication based on observations with the Effelsberg LOFAR station, please use the following acknowledgment: "Based on observations made with the Effelsberg LOFAR station of the Max-Planck-Institut für Radioastronomie (MPIfR) at Effelsberg."



Normal Experiment Code Markers

Other Code Markers

Color Meanings



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 D	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 E	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 F	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 G	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 H	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 J	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 K	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
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)
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 M	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 N	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 N	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 O	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELT2013-002	Wucknitz	wucknitz@mpifr-bonn.mpg.de	73-1772	testing TBB subband mode and station calibration
ELT2013-002	Wucknitz	wucknitz@mpifr-bonn.mpg.de	73-1772	testing TBB subband mode and station calibration
ELT2013-002	Wucknitz	wucknitz@mpifr-bonn.mpg.de	73-1772	testing TBB subband mode and station calibration
ELT2013-003	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	testing 160MHz TBB
ELT2013-003 A	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	testing 160MHz TBB

Experiment Information for Other Actions

ELP2012-002	Kuniyoshi	mkunios@mpifr-bonn.mpg.de	+49 228 525 505	software testing
ELP2012-002 C	Kuniyoshi	mkunios@mpifr-bonn.mpg.de	+49 228 525 505	software testing

Experiment Information for Operator On-Duty Schedule

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							166.00	98.00		176.00			
ELG2013-000 D							82.00			82.00			
ELG2013-000 E								82.00					
ELG2013-000 F							14.00						
ELG2013-000 G							70.00						
ELG2013-000 H								12.00		12.00			
ELG2013-000 J								4.00					
ELG2013-000 K										17.00			
ELG2013-000 K										65.00			
ELI2013-000	240.00	240.00	240.00	240.00	240.00	240.00					240.00		
ELI2013-000	82.00	82.00	82.00	82.00	82.00	82.00					82.00		
ELI2013-000	30.00	30.00	30.00	30.00	30.00	30.00					30.00		
ELI2013-000	66.00	66.00	66.00	66.00	66.00	66.00					66.00		
ELI2013-000	62.00	62.00	62.00	62.00	62.00	62.00					62.00		
ELM2013-012	14.00	8.00	12.00	8.00	8.00	8.00	2.00	6.00	14.00	2.00	8.00	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	1.00	1.00
ELM2013-012	4.00		4.00					4.00	4.00				
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00			1.00		1.00		
ELM2013-012	2.00								2.00				
ELM2013-012	4.00	4.00	4.00	4.00	4.00	4.00			4.00		4.00		
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	45.00		45.00					69.00	45.00				
ELP2012-022 M	10.00		10.00					10.00	10.00				
ELP2012-022 N	17.00		17.00					17.00	17.00				
ELP2012-022 N								24.00					
ELP2012-022 O	18.00		18.00					18.00	18.00				
ELT2013-002	3.00			3.00				3.00	3.00				
ELT2013-002	1.00			1.00				1.00	1.00				
ELT2013-002	2.00			2.00				2.00	2.00				
ELT2013-003	12.00		12.00				12.00		12.00				
ELT2013-003 A	12.00		12.00				12.00		12.00				

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELP2012-002										217.00			
ELP2012-002 C										217.00			

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)							46.11	27.22		48.89			
Science H (Ionosphere)													
Science N (AGN)													
Science O (Other)													
Science P (Pulsar)	12.50		12.50					19.17	12.50				
Science R (Cosmic Rays)													
Science S (Solar System)													
Test Observation	4.17		3.33	0.83				3.33	0.83	4.17			
Maintenance Mode	3.89	2.22	3.33	2.22	2.22	2.22	0.56	1.67	3.89	0.56	2.22	0.56	
ILT Mode	66.67	66.67	66.67	66.67	66.67	66.67					66.67		

Effelsberg Mode

GLOW Mode

Juelich Mode

Unknown Code

Idle 12.78 31.11 14.17 30.28 31.11 31.11 50.00 51.11 79.44 50.56 31.11 99.44

piggy-up

Piggyback Control

Unknown Code

Idle 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

piggy-down

Piggyback Without Control

Unknown Code

Idle 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 39.72 100.00 100.00

warning

Experiment Warning

Unknown Code

Idle 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

steal

Override Possible

Unknown Code

Idle 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

duty

100 m Operator

Anderson

Kuniyoshi 100.00

Horneffer

Other

Unknown

Unknown Code

Idle 0.00