

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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	
2013-02-08Fr										ELI2013-000 LT Operations																	
2013-02-09Sa										ELI2013-000 LT Operations																	
2013-02-10Su										ELI2013-000 LT Operations																	
2013-02-11Mo	ELI2013-000 LT Operations									*0	ELP2012-022F Verbiest																
2013-02-12Tu	ELP2012-022F Verbiest												ELG2013-000D Koehler et			ELP2012-022F Verbiest											
2013-02-13We	ELP2012-022F Verbiest									*0	ELI2013-000 ILT Operations																
2013-02-14Th										ELI2013-000 LT Operations																	
2013-02-15Fr										ELI2013-000 LT Operations																	
2013-02-16Sa										ELI2013-000 LT Operations																	
2013-02-17Su										ELI2013-000 LT Operations																	
2013-02-18Mo	ELI2013-000 LT Operations									*0																	
2013-02-19Tu										ELI2013-007 Koehler et al.																	
2013-02-20We	ELI2013-007 Koehler et al.									*0	ELI2013-000 ILT Operations																
2013-02-21Th										ELI2013-000 LT Operations																	
2013-02-22Fr										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	12												Sunrise 18			0						Sunset 6					

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 Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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Date	CET																								Code Markers			
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2013-02-09Sa											ELI2013-000 LT Operations																	
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2013-02-11Mo	ELI2013-000 LT Operations										*0																	
2013-02-12Tu													ELG2013-000D Koehler et															
2013-02-13We									*0		ELI2013-000 ILT Operations																	
2013-02-14Th											ELI2013-000 LT Operations																	
2013-02-15Fr											ELI2013-000 LT Operations																	
2013-02-16Sa											ELI2013-000 LT Operations																	
2013-02-17Su											ELI2013-000 LT Operations																	
2013-02-18Mo	ELI2013-000 LT Operations										*0																	
2013-02-19Tu											ELI2013-007 Koehler et al.																	
2013-02-20We	ELI2013-007 Koehler et al.										*0		ELI2013-000 ILT Operations															
2013-02-21Th											ELI2013-000 LT Operations																	
2013-02-22Fr											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	12												Sunrise 18		0						Sunset						6	

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 2013-02-08 through 2013-02-22

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Date	CET																								Code Markers
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2013-02-09Sa										ELI2013-000 LT Operations															
2013-02-10Su										ELI2013-000 LT Operations															
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2013-02-12Tu	ELP2012-022F Verbiest												ELG2013-000D Koehler et			ELP2012-022F Verbiest									
2013-02-13We	ELP2012-022F Verbiest									*0	ELI2013-000 ILT Operations														
2013-02-14Th										ELI2013-000 LT Operations															
2013-02-15Fr										ELI2013-000 LT Operations															
2013-02-16Sa										ELI2013-000 LT Operations															
2013-02-17Su										ELI2013-000 LT Operations															
2013-02-18Mo	ELI2013-000 LT Operations									*0															
2013-02-19Tu										ELI2013-007 Koehler et al.															
2013-02-20We	ELI2013-007 Koehler et al.									*0	ELI2013-000 ILT Operations														
2013-02-21Th										ELI2013-000 LT Operations															
2013-02-22Fr										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				12	Sunrise						18							0	Sunset						6

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 Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-02-08 through 2013-02-22

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Date	CET																								Code Markers			
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2013-02-08Fr	ELI2013-000 LT Operations																											
2013-02-09Sa	ELI2013-000 LT Operations																											
2013-02-10Su	ELI2013-000 LT Operations																											
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2013-02-12Tu																												
2013-02-13We											*0	ELI2013-000 ILT Operations																
2013-02-14Th	ELI2013-000 LT Operations																											
2013-02-15Fr	ELI2013-000 LT Operations																											
2013-02-16Sa	ELI2013-000 LT Operations																											
2013-02-17Su	ELI2013-000 LT Operations																											
2013-02-18Mo	ELI2013-000 LT Operations										*0																	
2013-02-19Tu											ELI2013-007 Koehler et al.																	
2013-02-20We	ELI2013-007 Koehler et al.										*0	ELI2013-000 ILT Operations																
2013-02-21Th	ELI2013-000 LT Operations																											
2013-02-22Fr	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	12												Sunrise 18		0						Sunset						6	

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 Low Band Low, Unused Inputs

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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Date	CET																								Code Markers				
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2013-02-09Sa											ELI2013-000 LT Operations																		
2013-02-10Su											ELI2013-000 LT Operations																		
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2013-02-12Tu																													
2013-02-13We									*0		ELI2013-000 ILT Operations																		
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2013-02-16Sa											ELI2013-000 LT Operations																		
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2013-02-19Tu																													
2013-02-20We									*0		ELI2013-000 ILT Operations																		
2013-02-21Th											ELI2013-000 LT Operations																		
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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	12												Sunrise 18		0						Sunset						6		

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 2013-02-08 through 2013-02-22

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2013-02-09Sa	ELI2013-000 LT Operations																													
2013-02-10Su	ELI2013-000 LT Operations																													
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2013-02-13We											*0	ELI2013-000 ILT Operations																		
2013-02-14Th	ELI2013-000 LT Operations																													
2013-02-15Fr	ELI2013-000 LT Operations																													
2013-02-16Sa	ELI2013-000 LT Operations																													
2013-02-17Su	ELI2013-000 LT Operations																													
2013-02-18Mo	ELI2013-000 LT Operations										*0																			
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2013-02-22Fr	ELI2013-000 LT Operations																													
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LST	12										Sunrise 18														0	Sunset				6

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

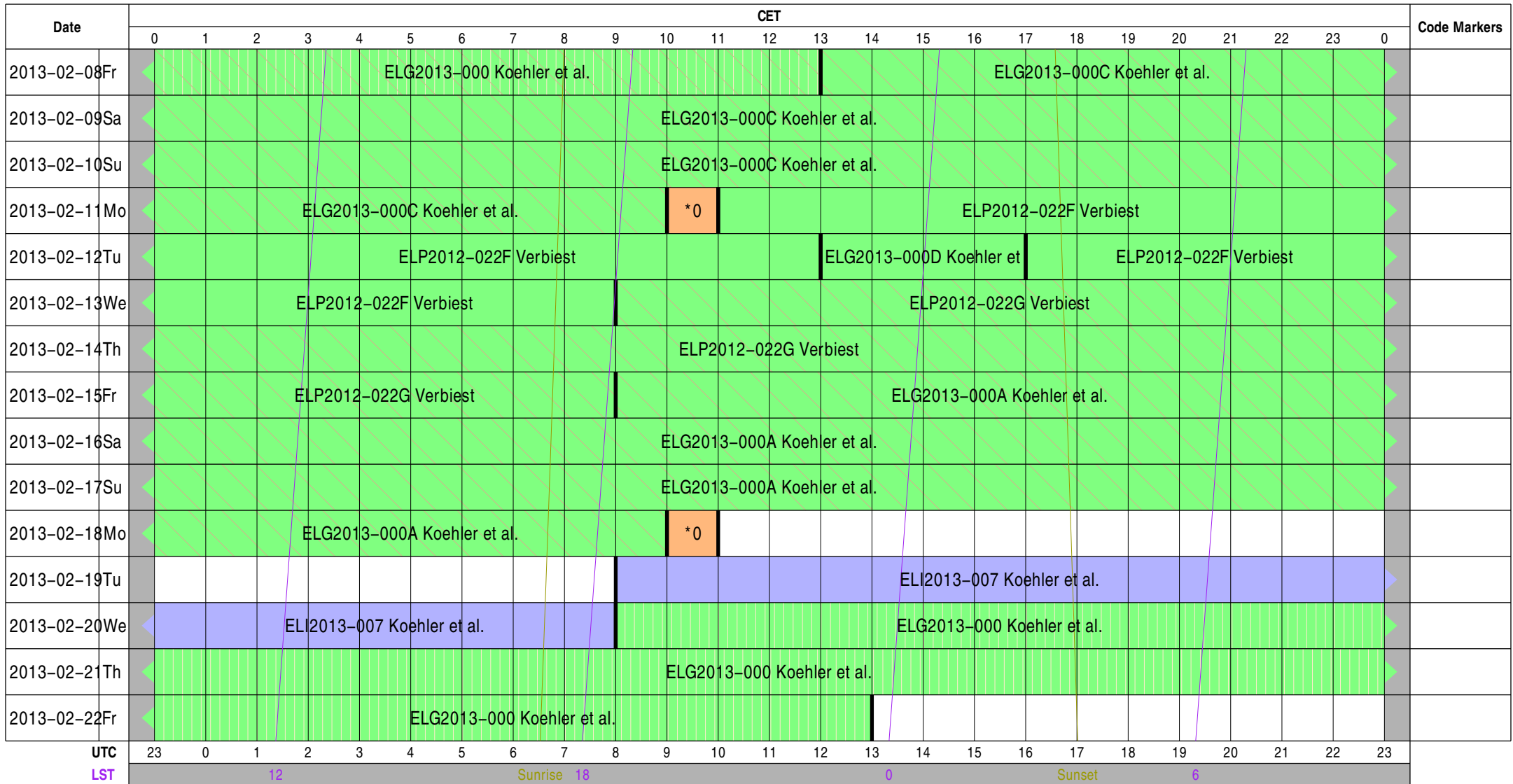
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Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning
Science H (Ionosphere)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

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

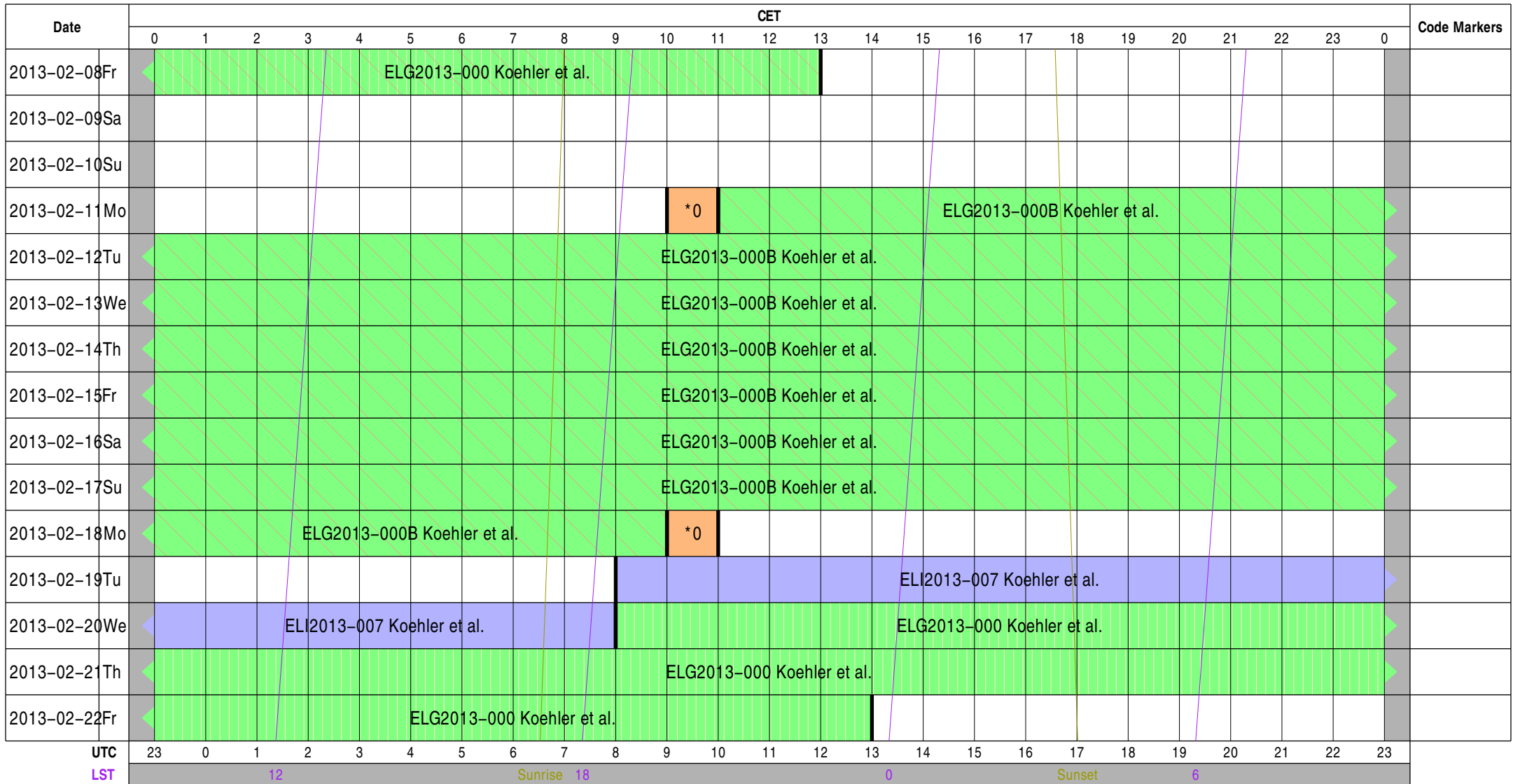
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

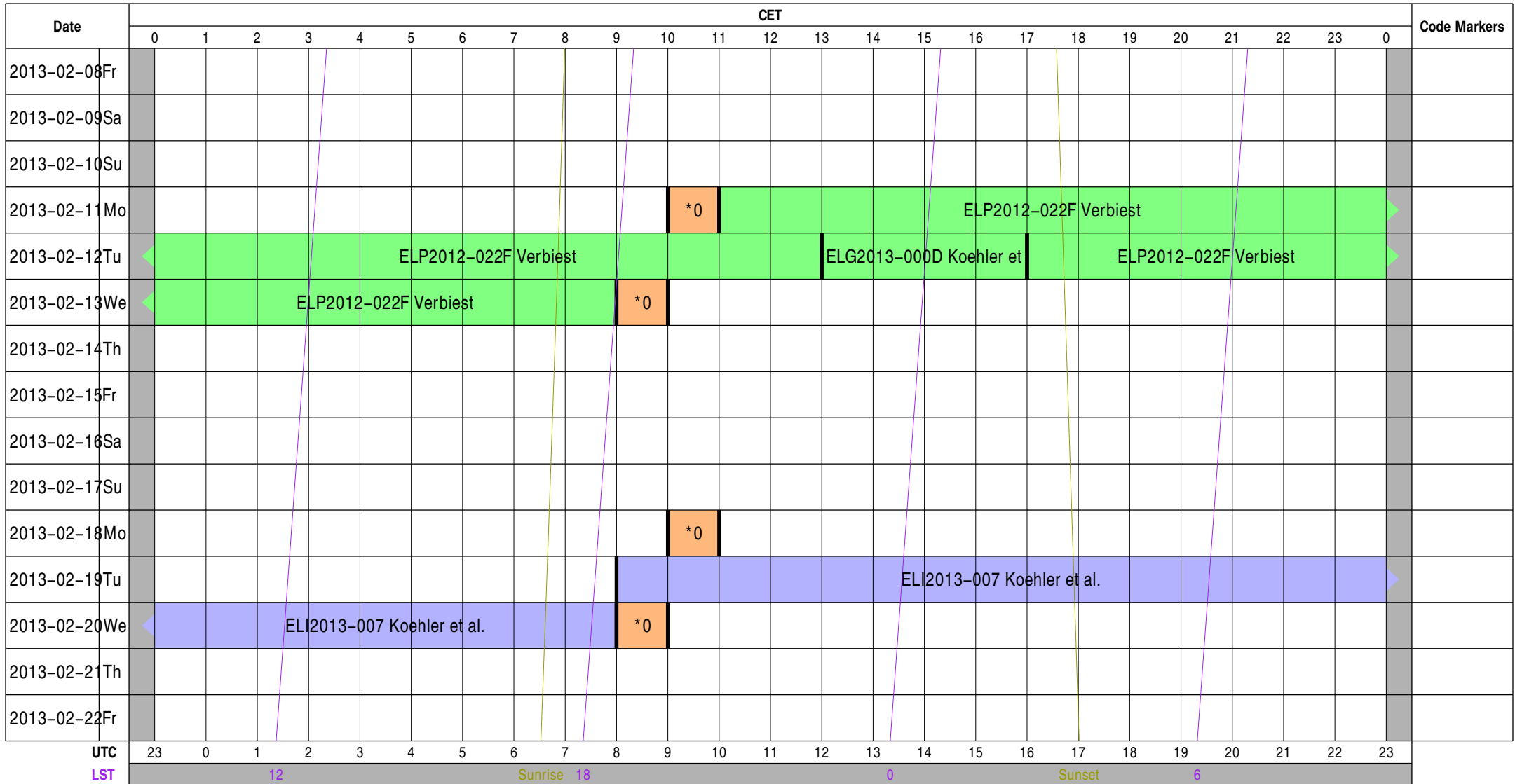
Other Code Markers

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 lofarx Computer MPIfR Effelsberg LOFAR Station 2013-02-08 through 2013-02-22

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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 Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-02-08 through 2013-02-22

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Date	CET																								Code Markers	
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2013-02-11Mo	ELG2013-000B Koehler et al.										*0	ELG2013-000B Koehler et al.														1
2013-02-12Tu											ELG2013-000B Koehler et al.														1	
2013-02-13We											ELG2013-000B Koehler et al.														1	
2013-02-14Th											ELG2013-000B Koehler et al.															
2013-02-15Fr											ELG2013-000B Koehler et al.															
2013-02-16Sa											ELG2013-000B Koehler et al.															
2013-02-17Su											ELG2013-000B Koehler et al.															
2013-02-18Mo	ELG2013-000B Koehler et al.										*0															
2013-02-19Tu																										
2013-02-20We									ELG2013-000 Koehler et al.																	
2013-02-21Th									ELG2013-000 Koehler et al.																	
2013-02-22Fr	ELG2013-000 Koehler et al.																									
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	12				Sunrise				18	0				Sunset				6								

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELM2013-013B Computer division

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 2013-02-08 through 2013-02-22

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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
2013-02-08Fr											ELI2013-000 LT Operations															
2013-02-09Sa											ELI2013-000 LT Operations															
2013-02-10Su											ELI2013-000 LT Operations														1	
2013-02-11Mo	ELI2013-000 LT Operations										*0														1	
2013-02-12Tu																									1	
2013-02-13We											*0		ELI2013-000 ILT Operations												1	
2013-02-14Th											ELI2013-000 LT Operations															
2013-02-15Fr											ELI2013-000 LT Operations															
2013-02-16Sa											ELI2013-000 LT Operations															
2013-02-17Su											ELI2013-000 LT Operations															
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2013-02-22Fr											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	12										Sunrise 18		0												Sunset 6	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELM2013-013B Computer division

Color Meanings

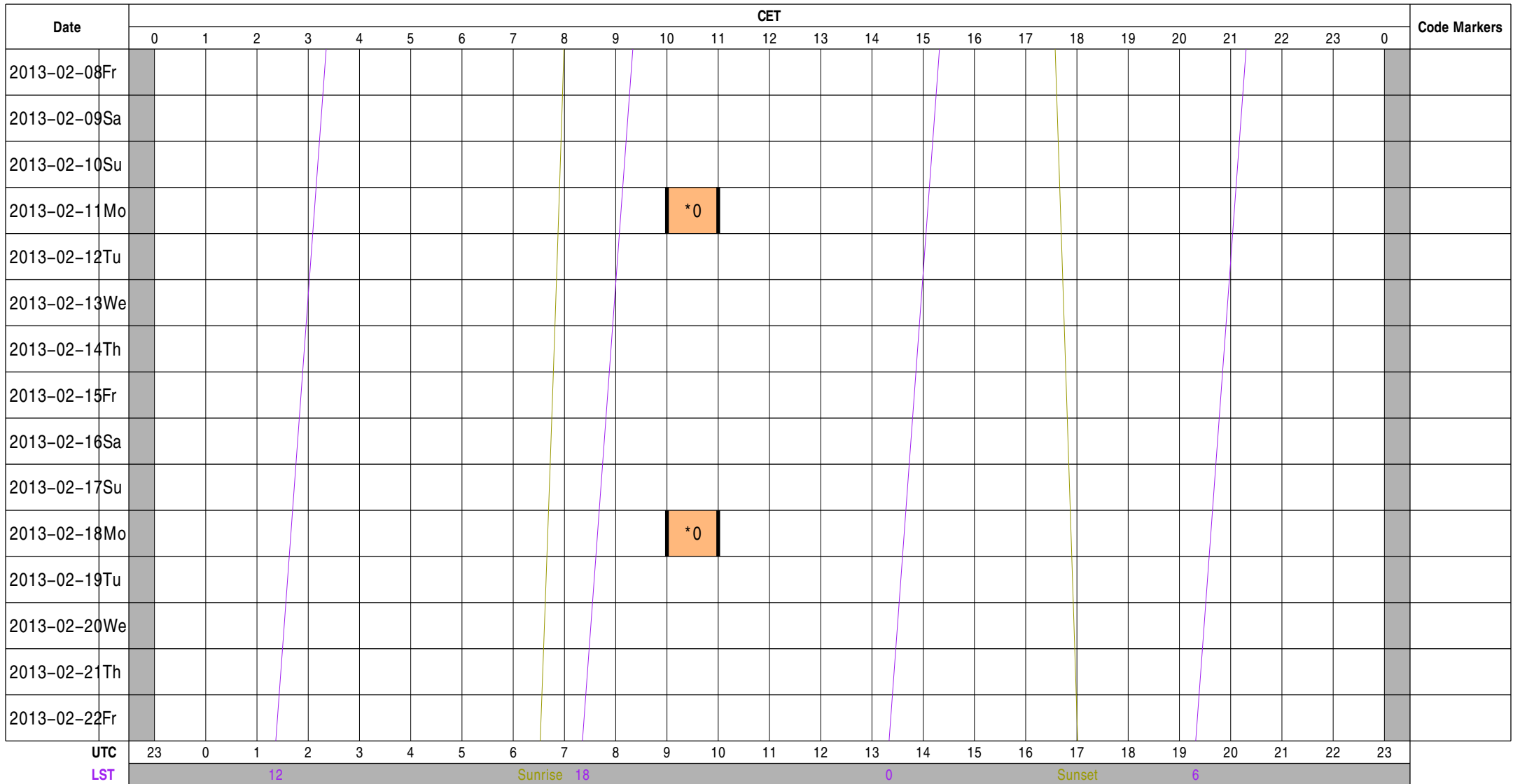
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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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 Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-02-08 through 2013-02-22

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Date	CET																								Code Markers		
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2013-02-09	Sa																										
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2013-02-17	Su																										
2013-02-18	Mo																										
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2013-02-20	We																										
2013-02-21	Th																										
2013-02-22	Fr																										

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 12 Sunrise 18 0 Sunset 6

ELD2013-002 Kuniyoshi

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	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
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	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
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	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000	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	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)
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars

Experiment Information for Other Actions

ELM2013-013	Computer division	rz-support@mpifr-bonn.mpg.de	+49 228 525 359	system administration
ELM2013-013	Computer division	rz-support@mpifr-bonn.mpg.de	+49 228 525 359	system administration

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	4.00	4.00	4.00				212.00	233.00	4.00	302.00			
ELG2013-000							13.00	13.00		13.00			
ELG2013-000							53.00	53.00		53.00			
ELG2013-000 A							73.00						
ELG2013-000 B										69.00			
ELG2013-000 B								167.00		167.00			
ELG2013-000 C							69.00						
ELG2013-000 D	4.00	4.00	4.00				4.00		4.00				
ELI2013-000	264.00	264.00	264.00	264.00	264.00	264.00						264.00	
ELI2013-000	82.00	82.00	82.00	82.00	82.00	82.00						82.00	
ELI2013-000	120.00	120.00	120.00	120.00	120.00	120.00						120.00	
ELI2013-000	62.00	62.00	62.00	62.00	62.00	62.00						62.00	
ELI2013-007	24.00	24.00	24.00	24.00			24.00	24.00	24.00				
ELI2013-007	24.00	24.00	24.00	24.00			24.00	24.00	24.00				
ELM2013-012	4.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	4.00	2.00	4.00	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	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	42.00		42.00				90.00		42.00				
ELP2012-022 F	16.00		16.00				16.00		16.00				
ELP2012-022 F	26.00		26.00				26.00		26.00				
ELP2012-022 G							48.00						

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELM2013-013										80.00	80.00		
ELM2013-013 B										80.00	80.00		

