

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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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2013-04-06	Sa											ELI2013-000	LT Operations													
2013-04-07	Su											ELI2013-000	LT Operations													
2013-04-08	Mo				ELI2013-000	ILT Operations						*0						ELP2012-022P	Verbiest							
2013-04-09	Tu												ELP2012-022P	Verbiest												
2013-04-10	We				ELP2012-022P	Verbiest						*0						ELI2013-000	ILT Operations							
2013-04-11	Th											ELI2013-000	LT Operations													
2013-04-12	Fr											ELI2013-000	LT Operations													
2013-04-13	Sa											ELI2013-000	LT Operations													
2013-04-14	Su											ELI2013-000	LT Operations													
2013-04-15	Mo				ELI2013-000	ILT Operations						*0														
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2013-04-17	We																*0				ELI2013-000	ILT Operations				
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2013-04-23	Tu																									
2013-04-24	We											*0						ELI2013-000	ILT Operations							
2013-04-25	Th											ELI2013-000	LT Operations													
2013-04-26	Fr											ELI2013-000	LT Operations													
2013-04-27	Sa											ELI2013-000	LT Operations													
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2013-04-29	Mo				ELI2013-000	ILT Operations						*0														
2013-04-30	Tu																									
2013-05-01	We											*0						ELI2013-000	ILT Operations							
2013-05-02	Th											ELI2013-000	LT Operations													
2013-05-03	Fr											ELI2013-000	LT Operations													
2013-05-04	Sa											ELI2013-000	LT 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							18	Sunrise				0							6			Sunset			12	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

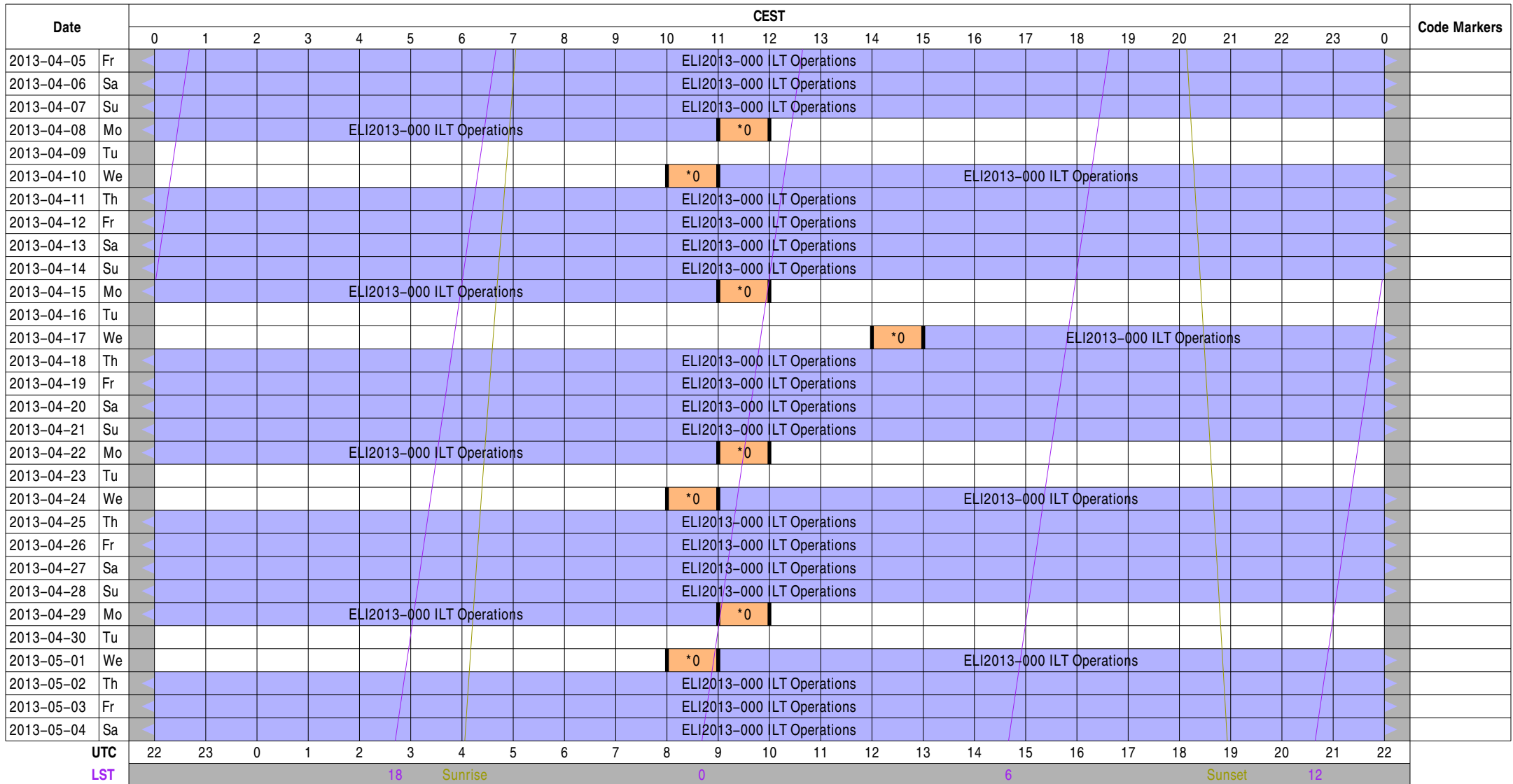
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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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 HBA MPIfR Effelsberg LOFAR Station 2013-04-05 through 2013-05-04

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Date	CEST																								Code Markers			
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2013-04-06	Sa											ELI2013-000	LT Operations															
2013-04-07	Su											ELI2013-000	LT Operations															
2013-04-08	Mo				ELI2013-000 ILT Operations								*0						ELP2012-022P Verbiest									
2013-04-09	Tu				ELP2012-022P Verbiest																							
2013-04-10	We			ELP2012-022P Verbiest								*0							ELI2013-000 ILT Operations									
2013-04-11	Th											ELI2013-000	LT Operations															
2013-04-12	Fr											ELI2013-000	LT Operations															
2013-04-13	Sa											ELI2013-000	LT Operations															
2013-04-14	Su											ELI2013-000	LT Operations															
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2013-04-16	Tu																											
2013-04-17	We															*0				ELI2013-000 ILT Operations								
2013-04-18	Th											ELI2013-000	LT Operations															
2013-04-19	Fr											ELI2013-000	LT Operations															
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2013-04-29	Mo				ELI2013-000 ILT Operations								*0															
2013-04-30	Tu																											
2013-05-01	We											*0						ELI2013-000 ILT Operations										
2013-05-02	Th											ELI2013-000	LT Operations															
2013-05-03	Fr											ELI2013-000	LT Operations															
2013-05-04	Sa											ELI2013-000	LT 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					18		Sunrise					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 Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-04-05 through 2013-05-04

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Date	CEST																								Code Markers		
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2013-04-05	Fr											ELI2013-000	LT Operations														
2013-04-06	Sa											ELI2013-000	LT Operations														
2013-04-07	Su											ELI2013-000	LT Operations														
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2013-04-11	Th											ELI2013-000	LT Operations														
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2013-04-14	Su											ELI2013-000	LT Operations														
2013-04-15	Mo	ELI2013-000 ILT Operations										*0															
2013-04-16	Tu																										
2013-04-17	We												*0	ELI2013-000 ILT Operations													
2013-04-18	Th											ELI2013-000	LT Operations														
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2013-05-02	Th											ELI2013-000	LT Operations														
2013-05-03	Fr											ELI2013-000	LT Operations														
2013-05-04	Sa											ELI2013-000	LT 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					18		Sunrise					0							6			Sunset			12		

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

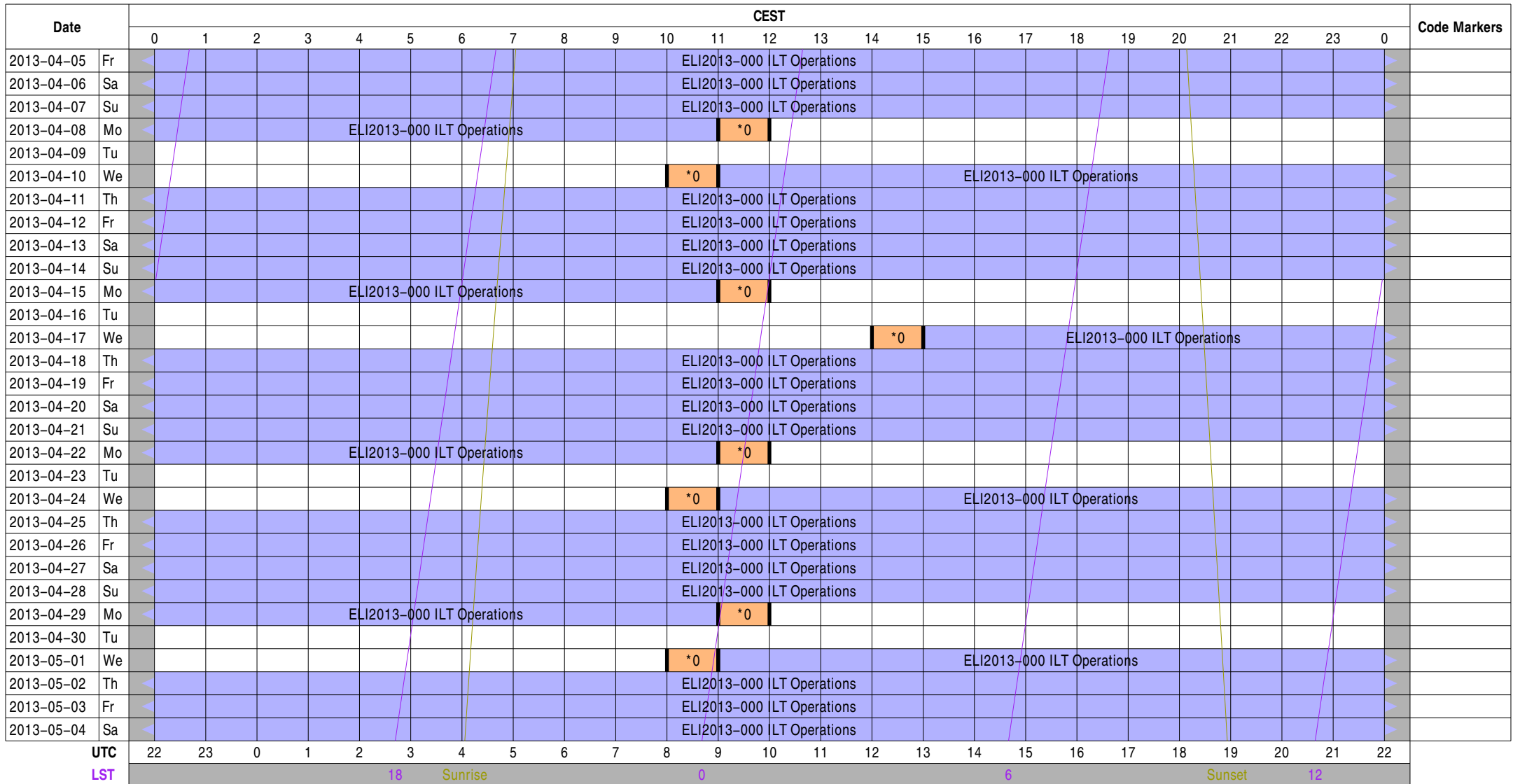
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Low Band Low, Unused Inputs

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

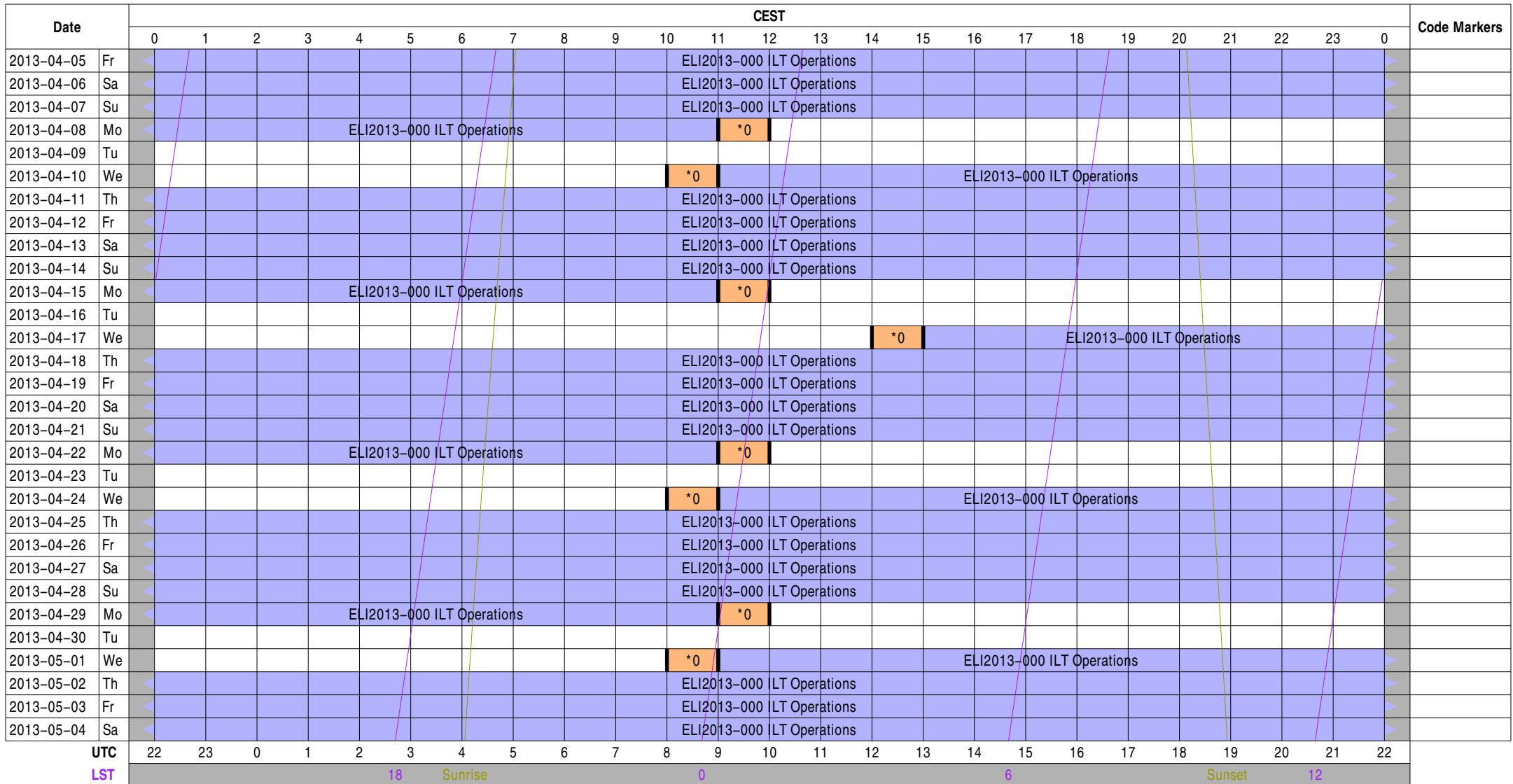
Other Code Markers

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 2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

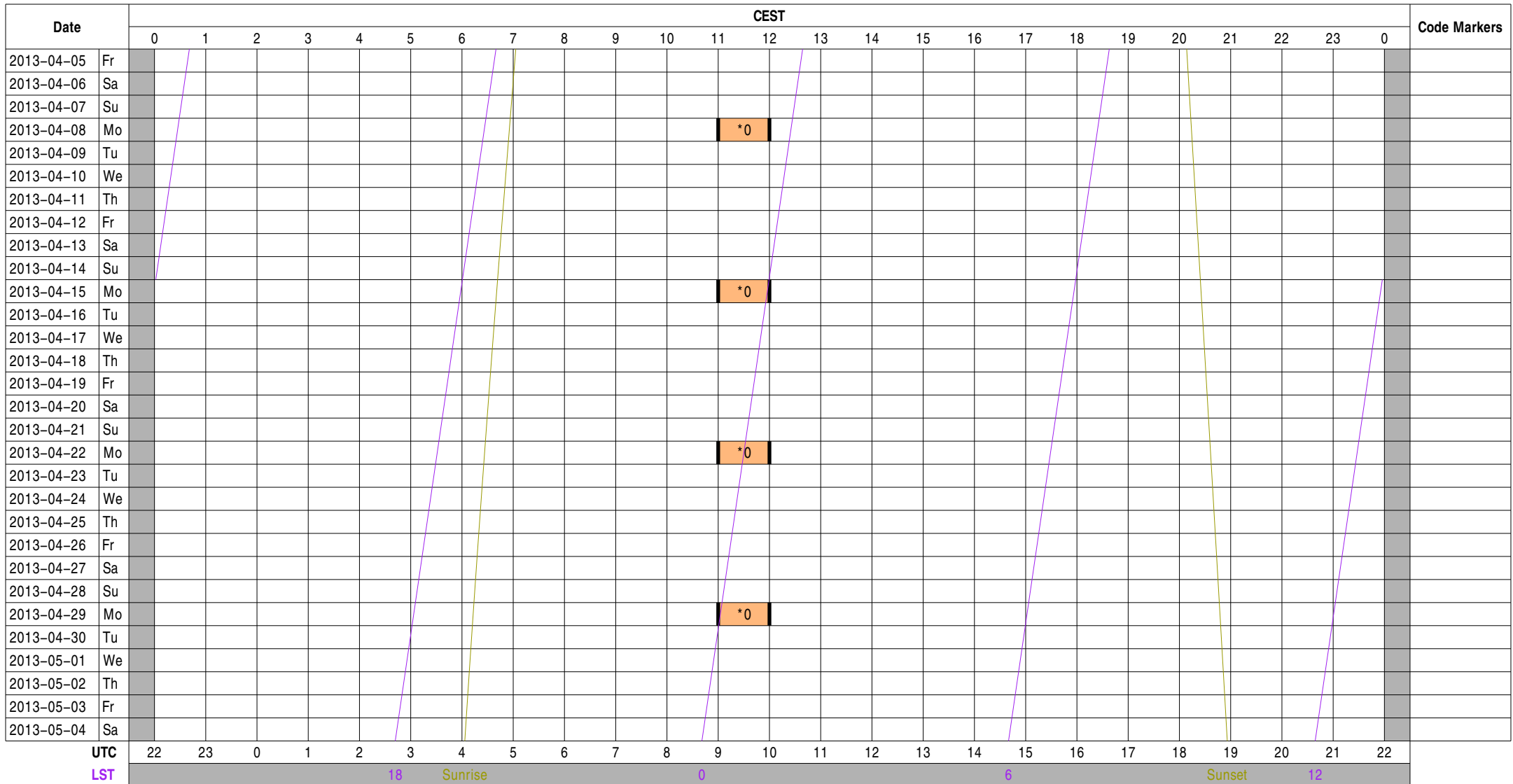
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Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning
Science H (Ionosphere)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

Observing Plan for IofarAN Computers

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

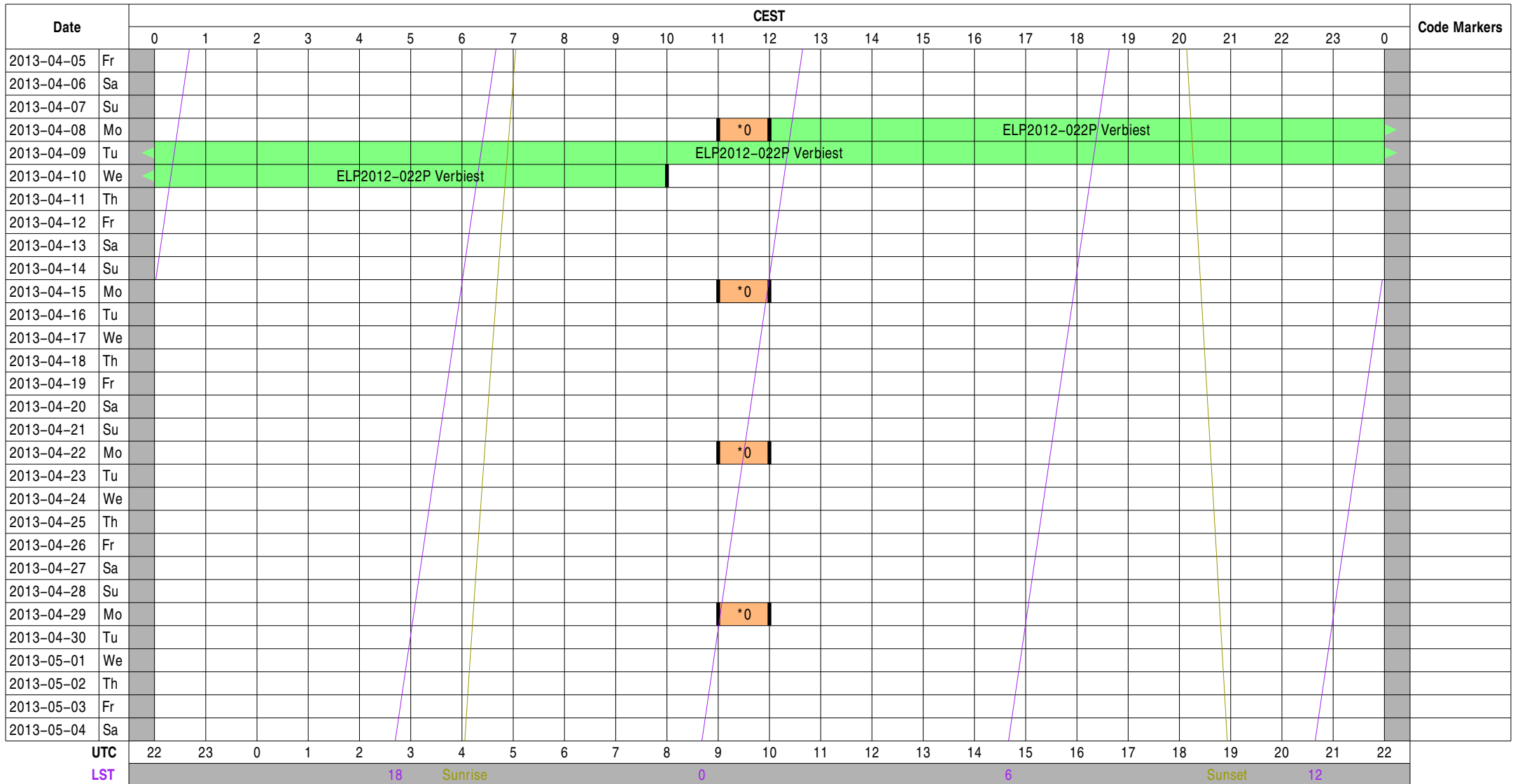
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Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning
Science H (Ionosphere)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

Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

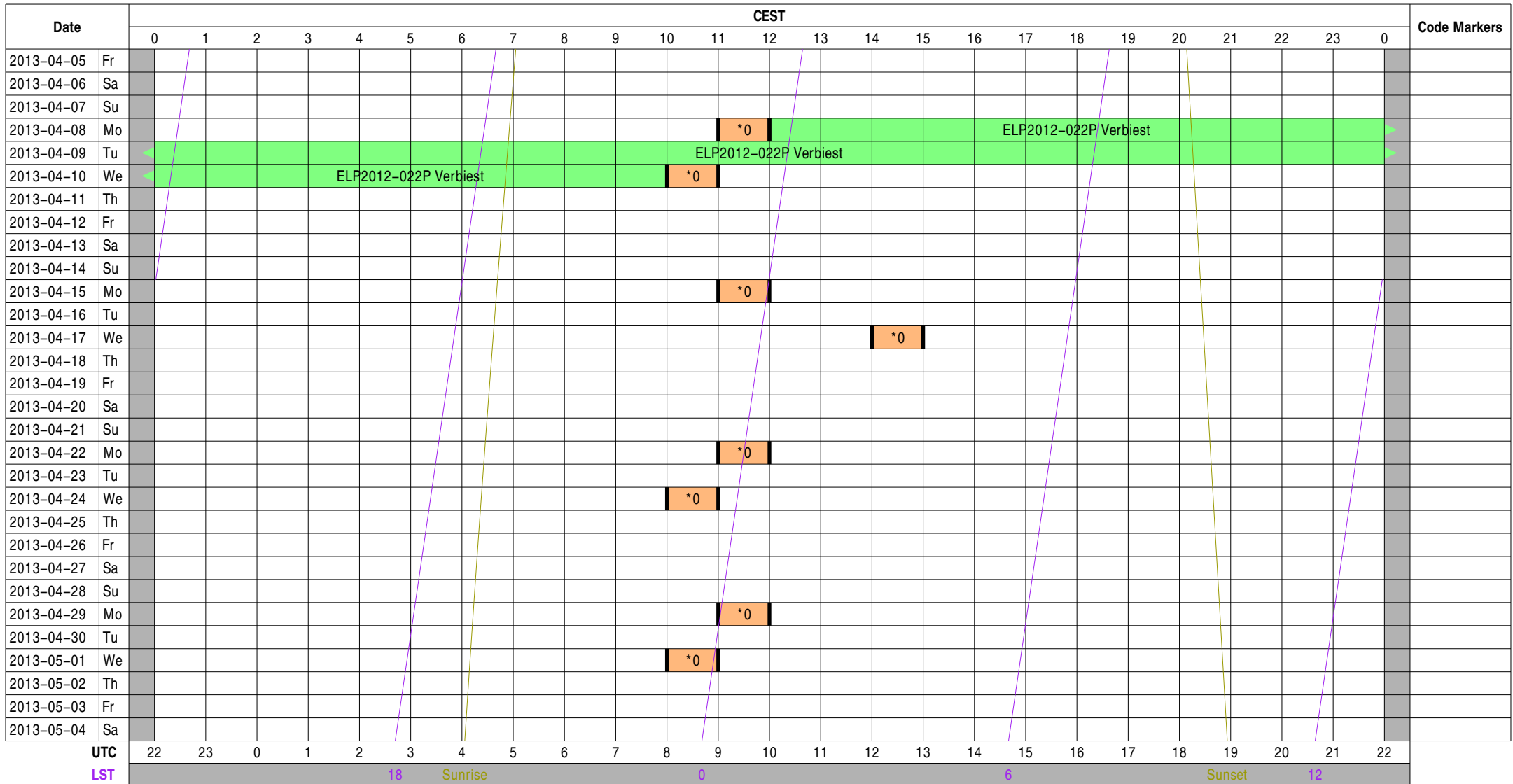
Other Code Markers

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 2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

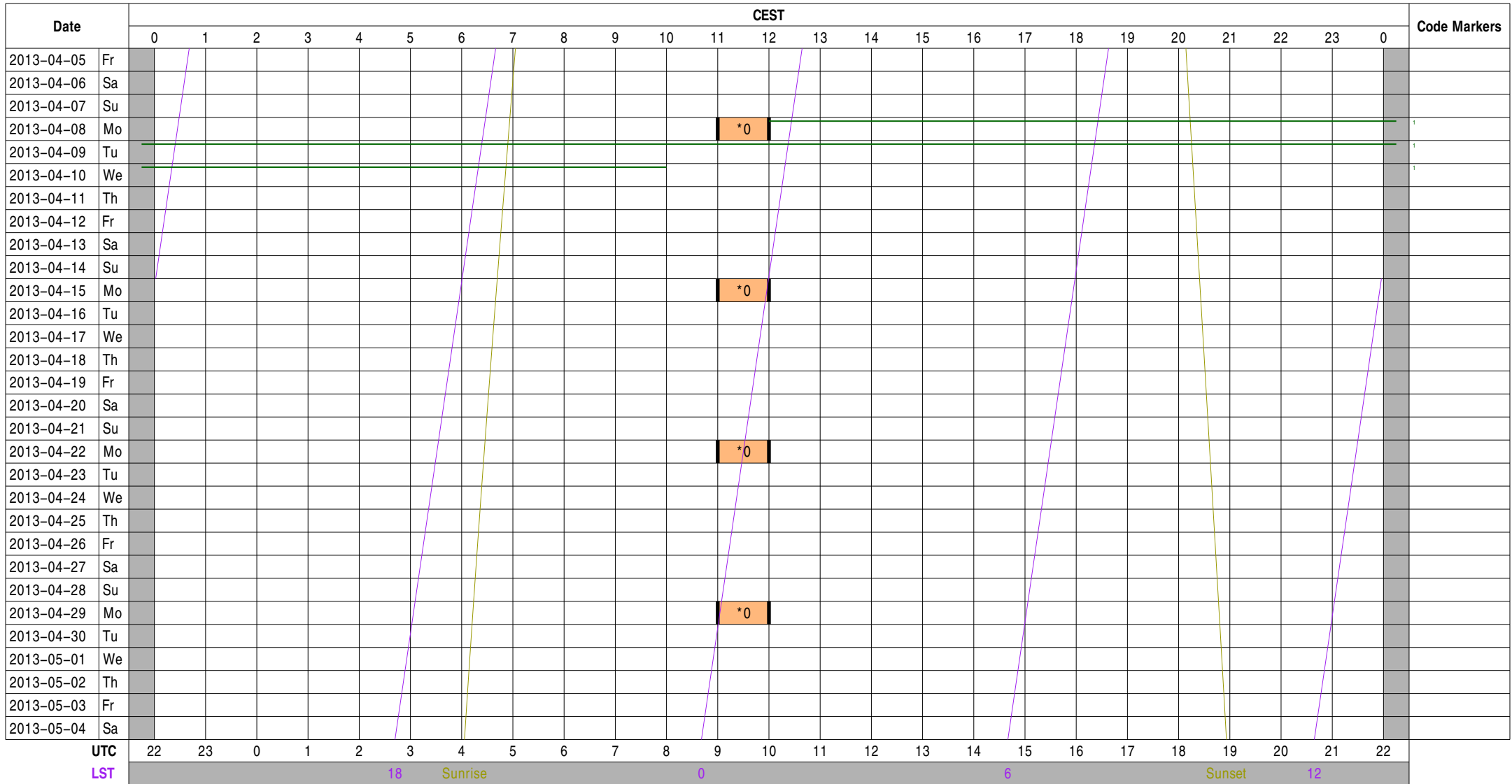
Other Code Markers

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 2013-04-05 through 2013-05-04

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Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELM2013-012 Kuniyoshi, Horneff

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

2013-04-05 through 2013-05-04

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Date	CEST																								Code Markers				
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2013-04-05	Fr											ELI2013-000	LT Operations																
2013-04-06	Sa											ELI2013-000	LT Operations																
2013-04-07	Su											ELI2013-000	LT Operations																
2013-04-08	Mo				ELI2013-000 ILT Operations									*0				ELM2013-012 Kuniyoshi, Horneffer, Anderson											
2013-04-09	Tu		ELM2013-012 Kuniyoshi, Horneffer, Anderson																										
2013-04-10	We		ELM2013-012 Kuniyoshi, Horneffer, Anderson									*0						ELI2013-000 ILT Operations											
2013-04-11	Th											ELI2013-000	LT Operations																
2013-04-12	Fr											ELI2013-000	LT Operations																
2013-04-13	Sa											ELI2013-000	LT Operations																
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2013-04-18	Th											ELI2013-000	LT Operations																
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2013-04-25	Th											ELI2013-000	LT Operations																
2013-04-26	Fr											ELI2013-000	LT Operations																
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2013-05-01	We											*0						ELI2013-000 ILT Operations											
2013-05-02	Th											ELI2013-000	LT Operations																
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2013-05-04	Sa											ELI2013-000	LT 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						18	Sunrise				0							6			Sunset			12	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

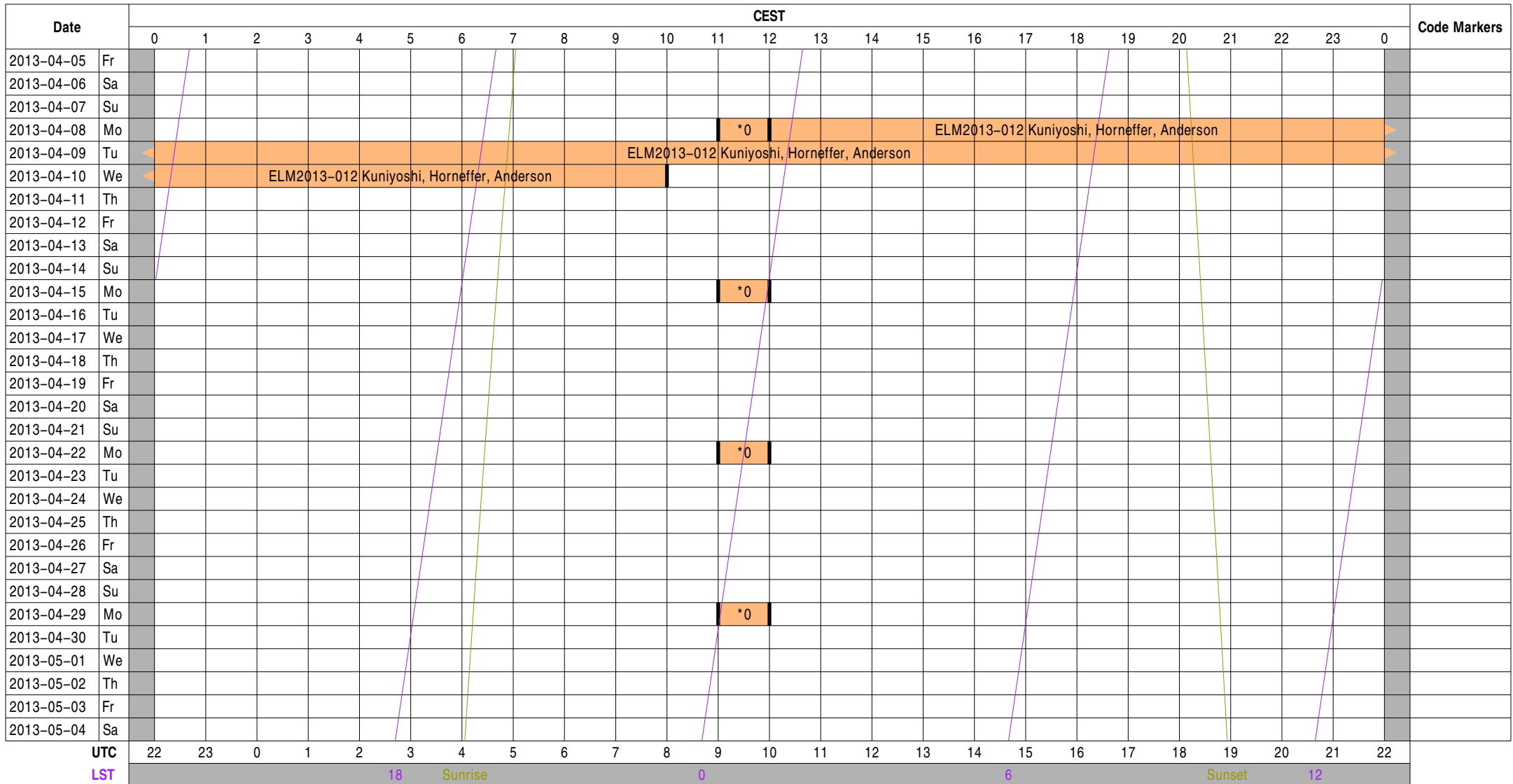
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-04-05 through 2013-05-04

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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

2013-04-05 through 2013-05-04

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Date	CEST																								Code Markers	
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2013-04-07	Su	ELD2013-002 Kuniyoshi																								
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2013-04-28	Su	ELD2013-002 Kuniyoshi																								
2013-04-29	Mo	ELD2013-002 Kuniyoshi																								
2013-04-30	Tu	ELD2013-002 Kuniyoshi																								
2013-05-01	We	ELD2013-002 Kuniyoshi																								
2013-05-02	Th	ELD2013-002 Kuniyoshi																								
2013-05-03	Fr	ELD2013-002 Kuniyoshi																								
2013-05-04	Sa	ELD2013-002 Kuniyoshi																								

UTC
LST

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

18 Sunrise 0 6 Sunset 12

Normal Experiment Code Markers

Other Code Markers

Color Meanings

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

Experiment Information for Normal Observations

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
ELI2013-000	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)
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 P	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars

Experiment Information for Other Actions

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)

Experiment Information for Operator On-Duty Schedule

ELD2013-002	Kuniyoshi	mkunios@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler
ELD2013-002	Kuniyoshi	mkunios@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
ELI2013-000	524.00	524.00	524.00	524.00	524.00	524.00					524.00		
ELI2013-000	83.00	83.00	83.00	83.00	83.00	83.00					83.00		
ELI2013-000	120.00	120.00	120.00	120.00	120.00	120.00					120.00		
ELI2013-000	116.00	116.00	116.00	116.00	116.00	116.00					116.00		
ELI2013-000	120.00	120.00	120.00	120.00	120.00	120.00					120.00		
ELI2013-000	85.00	85.00	85.00	85.00	85.00	85.00					85.00		
ELM2013-012	8.00	8.00	8.00	8.00	8.00	8.00	4.00	4.00	8.00	4.00	54.00	50.00	
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											46.00	46.00	
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		
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		
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	
ELP2012-022	46.00		46.00					46.00	46.00				
ELP2012-022 P	46.00		46.00					46.00	46.00				

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELM2013-012										46.00			
ELM2013-012										46.00			

