

# Observing Plan for Station Control (LCU)

## MPIfR Effelsberg LOFAR Station

### 2013-05-13 through 2013-05-26

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		0			
2013-05-13	Mo					ELI2013-000 ILT Operations							*0			*1		ELP2013-002 Wucknitz			ELP2012-022U Verbiest									
2013-05-14	Tu	ELP2012-022U Verbiest											*2					ELP2012-022U Verbiest												
2013-05-15	We	ELP2012-022U Verbiest											*0	ELI2013-000 ILT Operations																
2013-05-16	Th											ELI2013-000 ILT Operations																		
2013-05-17	Fr											ELI2013-000 ILT Operations																		
2013-05-18	Sa											ELI2013-000 ILT Operations																		
2013-05-19	Su											ELI2013-000 ILT Operations																		
2013-05-20	Mo											ELI2013-000 ILT Operations																		
2013-05-21	Tu											ELI2013-000 ILT Operations																		
2013-05-22	We	ELI2013-000 ILT Operations											*0																	
2013-05-23	Th																													
2013-05-24	Fr																													
2013-05-25	Sa											ELI2013-007M Koehler et al.																		
2013-05-26	Su	ELI2013-007M Koehler et al.																												
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
- 1 ELP2012-022T Verbiest
- 2 ELM2013-018 Anderson

#### 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

### 2013-05-13 through 2013-05-26

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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		0	
2013-05-13	Mo	ELI2013-000 ILT Operations										*0															
2013-05-14	Tu																										
2013-05-15	We											*0		ELI2013-000 ILT Operations													
2013-05-16	Th											ELI2013-000 ILT Operations															
2013-05-17	Fr											ELI2013-000 ILT Operations															
2013-05-18	Sa											ELI2013-000 ILT Operations															
2013-05-19	Su											ELI2013-000 ILT Operations															
2013-05-20	Mo											ELI2013-000 ILT Operations															
2013-05-21	Tu											ELI2013-000 ILT Operations															
2013-05-22	We	ELI2013-000 ILT Operations										*0															
2013-05-23	Th																										
2013-05-24	Fr																										
2013-05-25	Sa											ELI2013-007M Koehler et al.															
2013-05-26	Su	ELI2013-007M Koehler et al.																									
	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 2013-05-13 through 2013-05-26

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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		0
2013-05-13 Mo	ELI2013-000 ILT Operations										*0	*1	ELP2013-002 Wucknitz			ELP2012-022U Verbiest										
2013-05-14 Tu	ELP2012-022U Verbiest										*2	ELP2012-022U Verbiest														
2013-05-15 We	ELP2012-022U Verbiest										*0	ELI2013-000 ILT Operations														
2013-05-16 Th	ELI2013-000 ILT Operations																									
2013-05-17 Fr	ELI2013-000 ILT Operations																									
2013-05-18 Sa	ELI2013-000 ILT Operations																									
2013-05-19 Su	ELI2013-000 ILT Operations																									
2013-05-20 Mo	ELI2013-000 ILT Operations																									
2013-05-21 Tu	ELI2013-000 ILT Operations																									
2013-05-22 We	ELI2013-000 ILT Operations										*0															
2013-05-23 Th																										
2013-05-24 Fr																										
2013-05-25 Sa												ELI2013-007M Koehler et al.														
2013-05-26 Su	ELI2013-007M Koehler et al.																									
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
- 1 ELP2012-022T Verbiest
- 2 ELM2013-018 Anderson

### 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 2013-05-13 through 2013-05-26

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		0	
2013-05-13 Mo	ELI2013-000 ILT Operations										*0		ELP2013-002 Wucknitz														
2013-05-14 Tu																											
2013-05-15 We											*0		ELI2013-000 ILT Operations														
2013-05-16 Th											ELI2013-000 ILT Operations																
2013-05-17 Fr											ELI2013-000 ILT Operations																
2013-05-18 Sa											ELI2013-000 ILT Operations																
2013-05-19 Su											ELI2013-000 ILT Operations																
2013-05-20 Mo											ELI2013-000 ILT Operations																
2013-05-21 Tu											ELI2013-000 ILT Operations																
2013-05-22 We	ELI2013-000 ILT Operations										*0																
2013-05-23 Th																											
2013-05-24 Fr																											
2013-05-25 Sa											ELI2013-007M Koehler et al.																
2013-05-26 Su	ELI2013-007M Koehler et al.																										
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 Low, Unused Inputs

## MPIfR Effelsberg LOFAR Station

### 2013-05-13 through 2013-05-26

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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		0	
2013-05-13 Mo	ELI2013-000 ILT Operations										*0																
2013-05-14 Tu																											
2013-05-15 We											*0		ELI2013-000 ILT Operations														
2013-05-16 Th																											
2013-05-17 Fr																											
2013-05-18 Sa																											
2013-05-19 Su																											
2013-05-20 Mo																											
2013-05-21 Tu																											
2013-05-22 We	ELI2013-000 ILT Operations										*0																
2013-05-23 Th																											
2013-05-24 Fr																											
2013-05-25 Sa																											
2013-05-26 Su																											
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 Station Interferometer

## MPIfR Effelsberg LOFAR Station

### 2013-05-13 through 2013-05-26

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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		0
2013-05-13	Mo	ELI2013-000 ILT Operations										*0														
2013-05-14	Tu																									
2013-05-15	We											*0		ELI2013-000 ILT Operations												
2013-05-16	Th																									
2013-05-17	Fr																									
2013-05-18	Sa																									
2013-05-19	Su																									
2013-05-20	Mo																									
2013-05-21	Tu																									
2013-05-22	We	ELI2013-000 ILT Operations										*0														
2013-05-23	Th																									
2013-05-24	Fr																									
2013-05-25	Sa																									
2013-05-26	Su																									
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

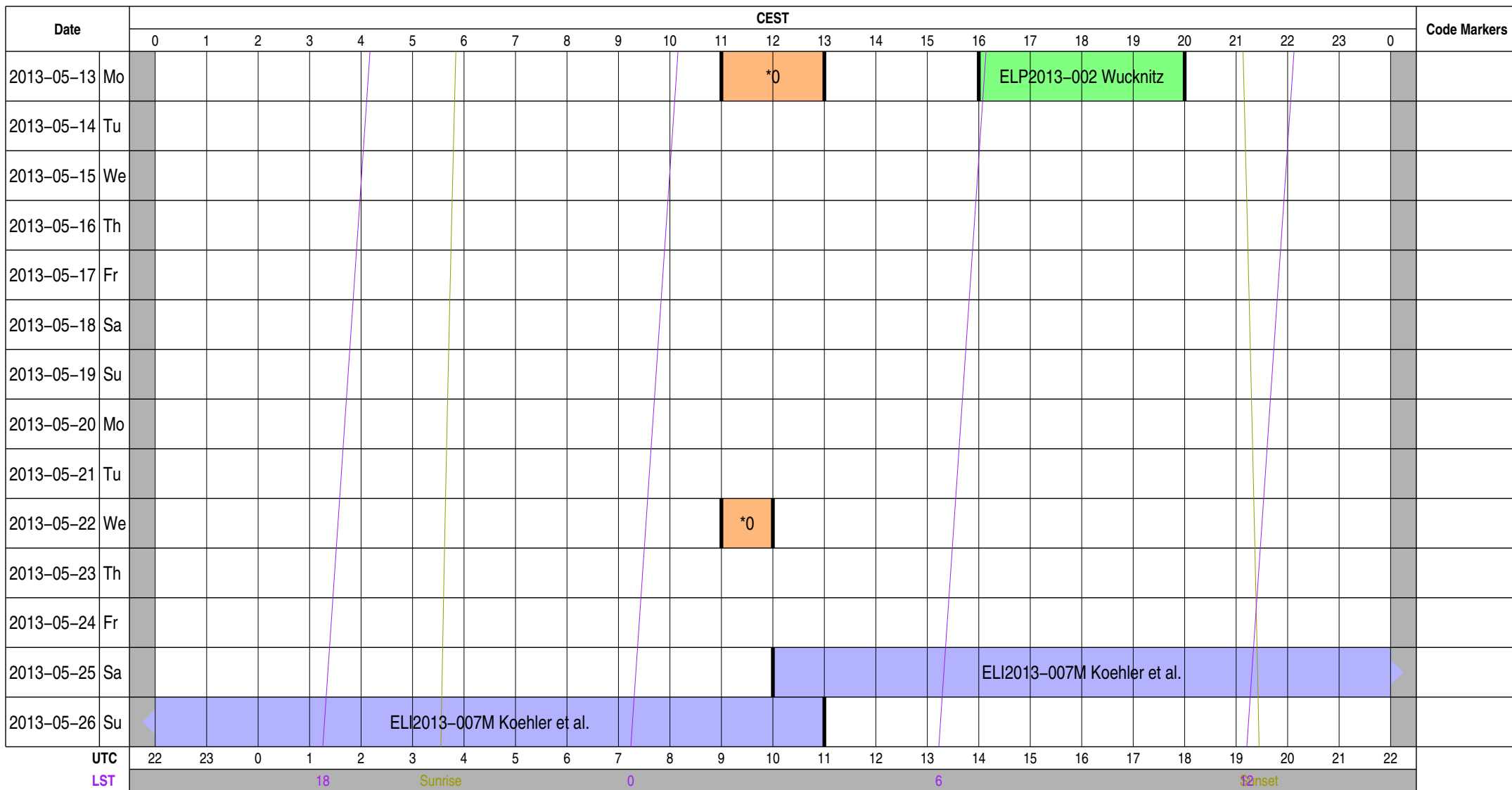
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for IofarAN Computers

## MPIfR Effelsberg LOFAR Station

### 2013-05-13 through 2013-05-26

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**Normal Experiment Code Markers**

0 ELM2013-012 Kuniyoshi, Horneff

**Other Code Markers**

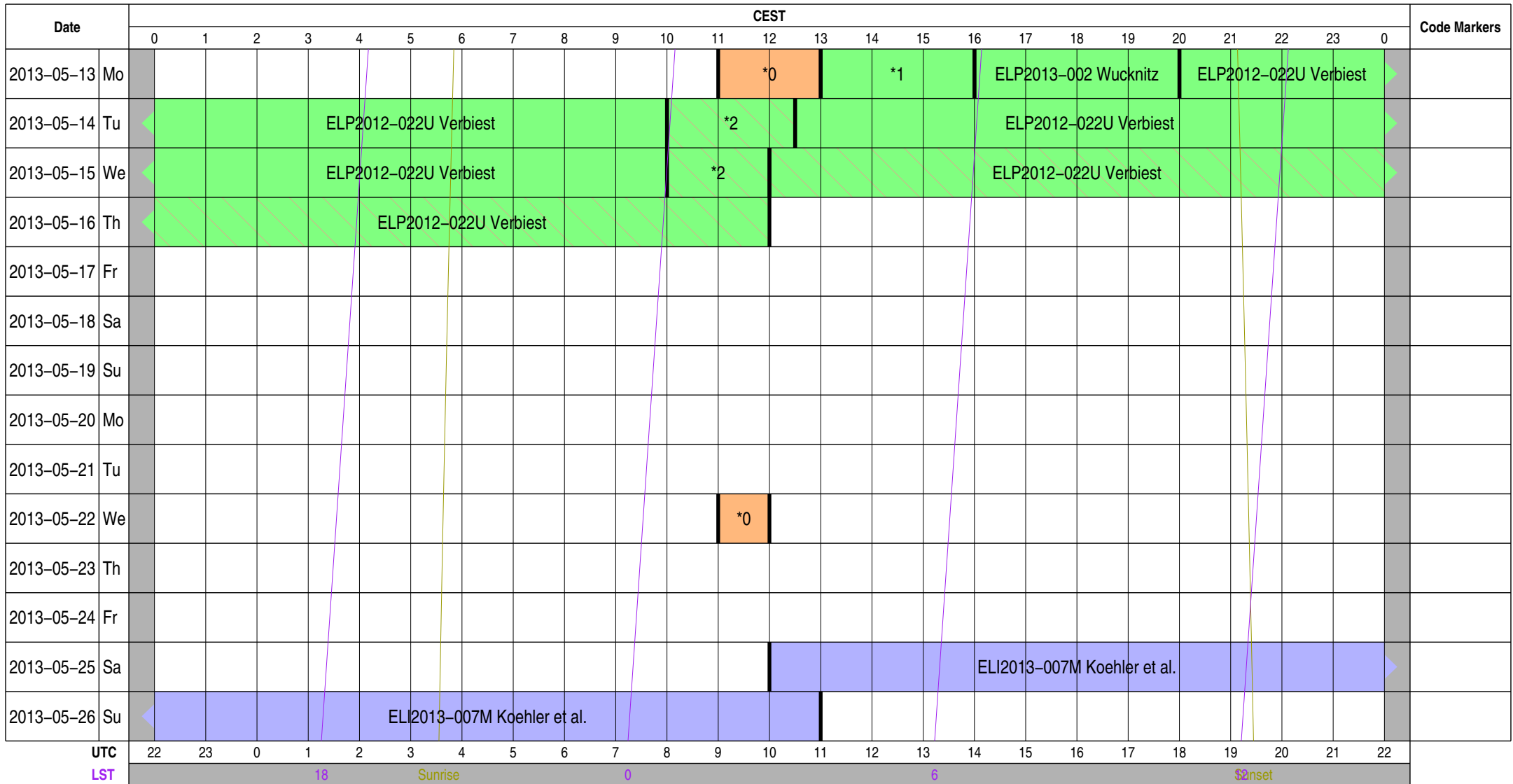
**Color Meanings**

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

### 2013-05-13 through 2013-05-26



**Normal Experiment Code Markers**

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-022T Verbiest
- 2 ELP2012-022U Verbiest

**Other Code Markers**

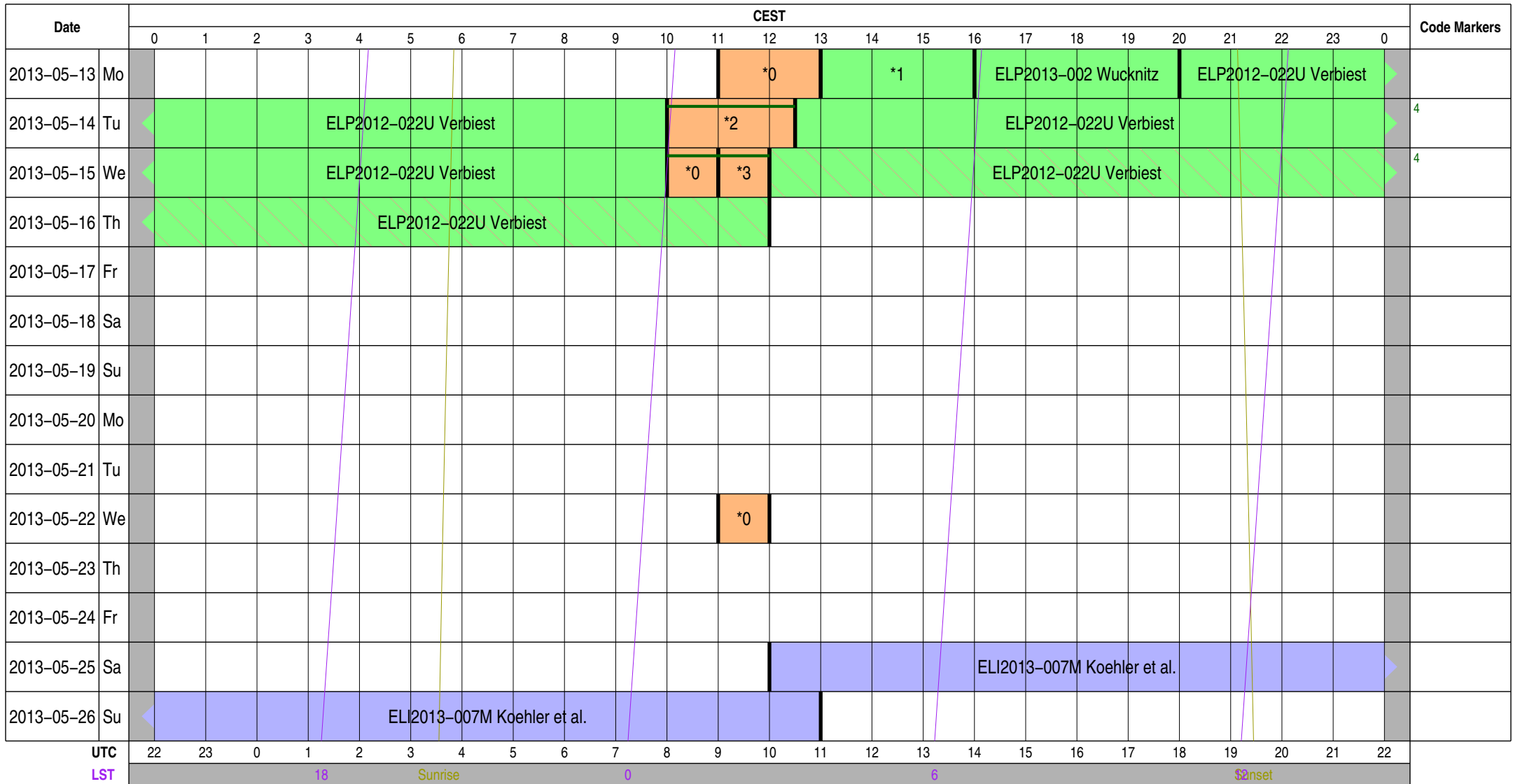
**Color Meanings**

- |                           |                          |                   |                           |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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 2013-05-13 through 2013-05-26

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### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-022T Verbiest
- 2 ELM2013-018 Anderson
- 3 ELM2013-013 Computer division

### Other Code Markers

- 4 ELP2012-022U Verbiest

### Color Meanings

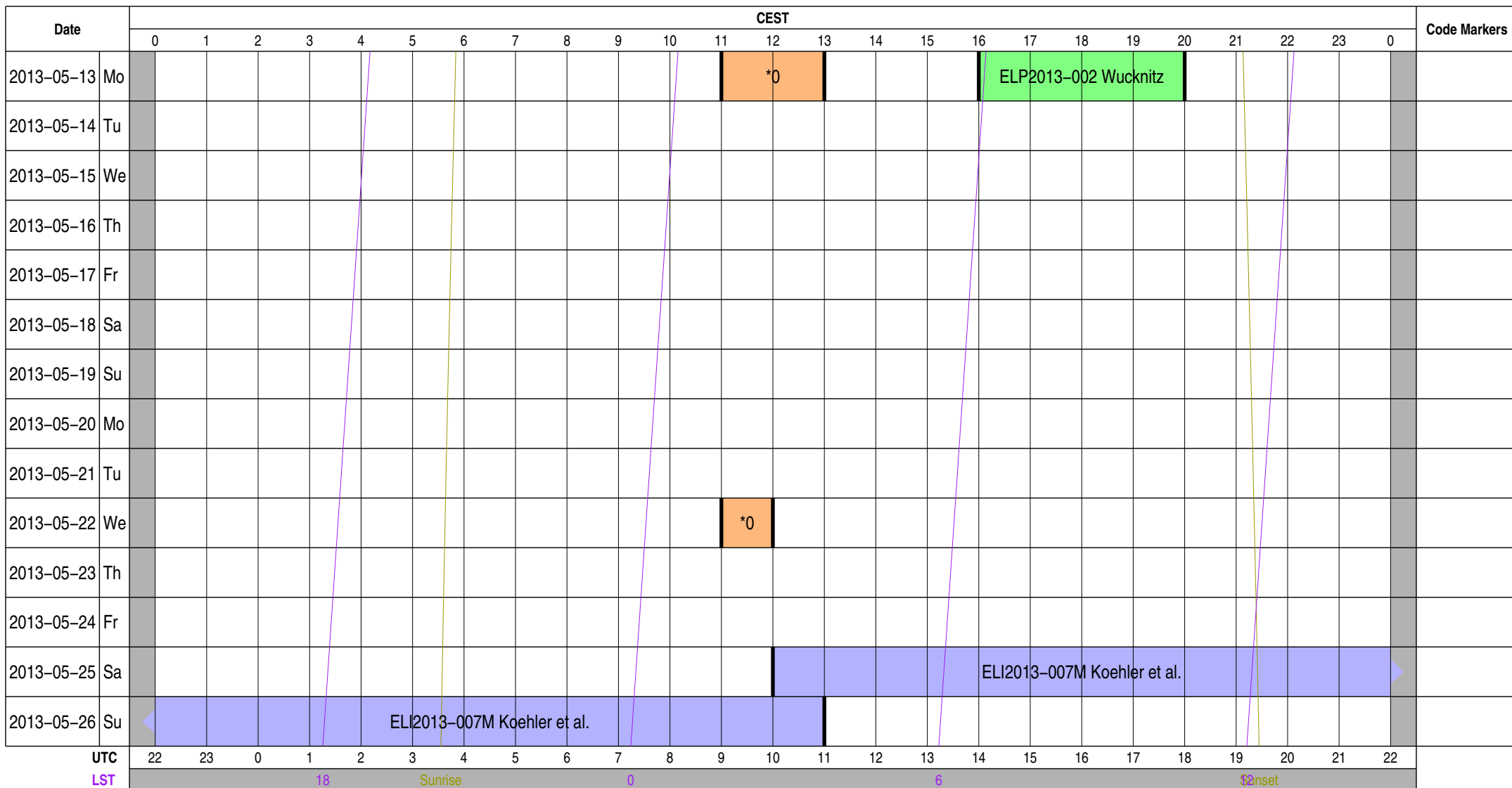
- |                           |                          |                   |                           |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry)    | Science O (Other)        | ILT Mode          | Piggyback Without 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

### 2013-05-13 through 2013-05-26

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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

### 2013-05-13 through 2013-05-26

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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		0	
2013-05-13	Mo	ELI2013-000 ILT Operations										*0															
2013-05-14	Tu																										
2013-05-15	We											*0		ELI2013-000 ILT Operations													
2013-05-16	Th																										
2013-05-17	Fr																										
2013-05-18	Sa																										
2013-05-19	Su																										
2013-05-20	Mo																										
2013-05-21	Tu																										
2013-05-22	We	ELI2013-000 ILT Operations										*0															
2013-05-23	Th																										
2013-05-24	Fr																										
2013-05-25	Sa																										
2013-05-26	Su																										
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

### 2013-05-13 through 2013-05-26

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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		0
2013-05-13	Mo												*0													
2013-05-14	Tu																									
2013-05-15	We																									
2013-05-16	Th																									
2013-05-17	Fr																									
2013-05-18	Sa																									
2013-05-19	Su																									
2013-05-20	Mo																									
2013-05-21	Tu																									
2013-05-22	We												*0													
2013-05-23	Th																									
2013-05-24	Fr																									
2013-05-25	Sa																									
2013-05-26	Su																									
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 Operator On-Duty

## MPIfR Effelsberg LOFAR Station

### 2013-05-13 through 2013-05-26

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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	
2013-05-13	Mo	ELD2013-001 Anderson																								
2013-05-14	Tu	ELD2013-001 Anderson																								
2013-05-15	We	ELD2013-001 Anderson																								
2013-05-16	Th	ELD2013-001 Anderson																								
2013-05-17	Fr	ELD2013-001 Anderson																								
2013-05-18	Sa	ELD2013-001 Anderson																								
2013-05-19	Su	ELD2013-001 Anderson																								
2013-05-20	Mo	ELD2013-002 Kuniyoshi																								
2013-05-21	Tu	ELD2013-002 Kuniyoshi																								
2013-05-22	We	ELD2013-002 Kuniyoshi																								
2013-05-23	Th	ELD2013-002 Kuniyoshi																								
2013-05-24	Fr	ELD2013-002 Kuniyoshi																								
2013-05-25	Sa	ELD2013-002 Kuniyoshi																								
2013-05-26	Su	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

<b>ELI2013-000</b>	<b>ILT Operations</b>	<b>observer@astron.nl</b>	<b>+31 521 595 777</b>	<b>Main ILT Observations, ILT Operations only on-duty 9--17, M</b>
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
<b>ELI2013-007</b>	<b>Koehler et al.</b>	<b>jana@mpifr-bonn.mpg.de</b>	<b>+49 228 525 533</b>	<b>LC0_044 Studying large-scale polarization properties of the</b>
ELI2013-007 M	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
<b>ELM2013-012</b>	<b>Kuniyoshi, Horneffer, Anderson</b>	<b>lofar-ops@mpifr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>Handover operations for local to ILT mode (MPIfR time)</b>
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)
<b>ELM2013-013</b>	<b>Computer division</b>	<b>rz-support@mpifr-bonn.mpg.de</b>	<b>+49 228 525 359</b>	<b>system administration</b>
ELM2013-013	Computer division	rz-support@mpifr-bonn.mpg.de	+49 228 525 359	system administration
<b>ELM2013-018</b>	<b>Anderson</b>	<b>anderson@mpifr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>test out and configure new 1_13_1 station software version</b>
ELM2013-018	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	test out and configure new 1_13_1 station software version
<b>ELP2012-022</b>	<b>Verbiest</b>	<b>verbiest@mpifr-bonn.mpg.de</b>	<b>+49 228 525 246</b>	<b>Assessing the Timing Potential of LOFAR for Pulsars</b>
ELP2012-022 T	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
<b>ELP2013-002</b>	<b>Wucknitz</b>	<b>wucknitz@mpifr-bonn.mpg.de</b>	<b>+49 228 525 481</b>	<b>long baseline obs with Onsala, Finland, and LWA</b>
ELP2013-002	Wucknitz	wucknitz@mpifr-bonn.mpg.de	+49 228 525 481	long baseline obs with Onsala, Finland, and LWA

## Experiment Information for Other Actions

ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris
ELP2012-022 U	Osowski	sosowski@mpifr-bonn.mpg.de	+49 228 525 324	Stefan Osowski collaborating with Joris

## Experiment Information for Operator On-Duty Schedule

<b>ELD2013-001</b>	<b>Anderson</b>	<b>anderson@mpifr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>Project Manager</b>
ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
<b>ELD2013-002</b>	<b>Kuniyoshi</b>	<b>mkuniyos@mpifr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>Project Scheduler</b>
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
<b>ELI2013-000</b>	<b>179.00</b>	<b>179.00</b>	<b>179.00</b>	<b>179.00</b>	<b>179.00</b>	<b>179.00</b>					<b>179.00</b>		
ELI2013-000	11.00	11.00	11.00	11.00	11.00	11.00					11.00		
ELI2013-000	168.00	168.00	168.00	168.00	168.00	168.00					168.00		
<b>ELI2013-007</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>			<b>25.00</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>			
ELI2013-007 M	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
<b>ELM2013-012</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>3.00</b>	<b>3.00</b>	<b>4.00</b>	<b>3.00</b>	<b>4.00</b>	<b>3.00</b>	
ELM2013-012	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
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	
<b>ELM2013-013</b>									<b>1.00</b>				
ELM2013-013									1.00				
<b>ELM2013-018</b>	<b>2.50</b>		<b>2.50</b>						<b>2.50</b>				
ELM2013-018	2.50		2.50						2.50				
<b>ELP2012-022</b>	<b>38.50</b>		<b>38.50</b>					<b>67.00</b>	<b>62.50</b>				
ELP2012-022 T	3.00		3.00					3.00	3.00				
ELP2012-022 U	14.00		14.00					14.00	14.00				
ELP2012-022 U								2.50					
ELP2012-022 U	21.50		21.50					21.50	21.50				
ELP2012-022 U								2.00					
ELP2012-022 U								24.00	24.00				
<b>ELP2013-002</b>	<b>4.00</b>		<b>4.00</b>	<b>4.00</b>			<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>			
ELP2013-002	4.00		4.00	4.00			4.00	4.00	4.00	4.00			

## Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELP2012-022									4.50				
ELP2012-022	U								2.50				
ELP2012-022	U								2.00				





