

# Observing Plan for Station Control (LCU)

## MPIfR Effelsberg LOFAR Station

### 2013-06-17 through 2013-06-30

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
2013-06-17 Mo	ELI2013-000 ILT Operations											*0	*1	ELP2012-022AB Verbiest												
2013-06-18 Tu	ELP2012-022AB Verbiest																									
2013-06-19 We	ELP2012-022AB Verbiest											*0	ELI2013-000 ILT Operations													
2013-06-20 Th	ELI2013-000 ILT Operations																									
2013-06-21 Fr	ELI2013-000 ILT Operations																									
2013-06-22 Sa	ELI2013-000 ILT Operations																									
2013-06-23 Su	ELI2013-000 ILT Operations																									
2013-06-24 Mo	ELI2013-000 ILT Operations																									
2013-06-25 Tu	ELI2013-000 ILT Operations											*0	ELI2013-007M Koehler et al.													
2013-06-26 We	ELI2013-007M Koehler et al.																									
2013-06-27 Th									*0	ELI2013-000 ILT Operations																
2013-06-28 Fr	ELI2013-000 ILT Operations																									
2013-06-29 Sa	ELI2013-000 ILT Operations																									
2013-06-30 Su	ELI2013-000 ILT 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						12		Sunset				

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELX2013-001 Horneffer

#### 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

### 2013-06-17 through 2013-06-30

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
2013-06-17 Mo	ELI2013-000 ILT Operations										*0															
2013-06-18 Tu																										
2013-06-19 We													*0	ELI2013-000 ILT Operations												
2013-06-20 Th											ELI2013-000 ILT Operations															
2013-06-21 Fr											ELI2013-000 ILT Operations															
2013-06-22 Sa											ELI2013-000 ILT Operations															
2013-06-23 Su											ELI2013-000 ILT Operations															
2013-06-24 Mo											ELI2013-000 ILT Operations															
2013-06-25 Tu	ELI2013-000 ILT Operations										*0	ELI2013-007M Koehler et al.														
2013-06-26 We	ELI2013-007M Koehler et al.																									
2013-06-27 Th									*0	ELI2013-000 ILT Operations																
2013-06-28 Fr											ELI2013-000 ILT Operations															
2013-06-29 Sa											ELI2013-000 ILT Operations															
2013-06-30 Su											ELI2013-000 ILT 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						12						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 2013-06-17 through 2013-06-30

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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		
2013-06-17 Mo	ELI2013-000 ILT Operations											*0	ELP2012-022AB Verbiest															
2013-06-18 Tu	ELP2012-022AB Verbiest																											
2013-06-19 We	ELP2012-022AB Verbiest											*0	ELI2013-000 ILT Operations															
2013-06-20 Th	ELI2013-000 ILT Operations																											
2013-06-21 Fr	ELI2013-000 ILT Operations																											
2013-06-22 Sa	ELI2013-000 ILT Operations																											
2013-06-23 Su	ELI2013-000 ILT Operations																											
2013-06-24 Mo	ELI2013-000 ILT Operations																											
2013-06-25 Tu	ELI2013-000 ILT Operations											*0	ELI2013-007M Koehler et al.															
2013-06-26 We	ELI2013-007M Koehler et al.																											
2013-06-27 Th									*0	ELI2013-000 ILT Operations																		
2013-06-28 Fr	ELI2013-000 ILT Operations																											
2013-06-29 Sa	ELI2013-000 ILT Operations																											
2013-06-30 Su	ELI2013-000 ILT 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						12						Sunset						

**Normal Experiment Code Markers**

0 ELM2013-012 Kuniyoshi, Horneff

**Other Code Markers**

**Color Meanings**

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

# Observing Plan for Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-06-17 through 2013-06-30

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
2013-06-17 Mo	ELI2013-000 ILT Operations										*0															
2013-06-18 Tu																										
2013-06-19 We													*0	ELI2013-000 ILT Operations												
2013-06-20 Th											ELI2013-000 ILT Operations															
2013-06-21 Fr											ELI2013-000 ILT Operations															
2013-06-22 Sa											ELI2013-000 ILT Operations															
2013-06-23 Su											ELI2013-000 ILT Operations															
2013-06-24 Mo											ELI2013-000 ILT Operations															
2013-06-25 Tu	ELI2013-000 ILT Operations										*0	ELI2013-007M Koehler et al.														
2013-06-26 We	ELI2013-007M Koehler et al.																									
2013-06-27 Th									*0	ELI2013-000 ILT Operations																
2013-06-28 Fr											ELI2013-000 ILT Operations															
2013-06-29 Sa											ELI2013-000 ILT Operations															
2013-06-30 Su											ELI2013-000 ILT 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						12			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

### 2013-06-17 through 2013-06-30

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	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
2013-06-17 Mo	ELI2013-000 ILT Operations										*0														
2013-06-18 Tu																									
2013-06-19 We														*0	ELI2013-000 ILT Operations										
2013-06-20 Th											ELI2013-000 ILT Operations														
2013-06-21 Fr											ELI2013-000 ILT Operations														
2013-06-22 Sa											ELI2013-000 ILT Operations														
2013-06-23 Su											ELI2013-000 ILT Operations														
2013-06-24 Mo											ELI2013-000 ILT Operations														
2013-06-25 Tu	ELI2013-000 ILT Operations										*0														
2013-06-26 We																									
2013-06-27 Th									*0	ELI2013-000 ILT Operations															
2013-06-28 Fr											ELI2013-000 ILT Operations														
2013-06-29 Sa											ELI2013-000 ILT Operations														
2013-06-30 Su											ELI2013-000 ILT 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							12		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

### 2013-06-17 through 2013-06-30

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		
2013-06-17 Mo	ELI2013-000 ILT Operations										*0																	
2013-06-18 Tu																												
2013-06-19 We														*0	ELI2013-000 ILT Operations													
2013-06-20 Th											ELI2013-000 ILT Operations																	
2013-06-21 Fr											ELI2013-000 ILT Operations																	
2013-06-22 Sa											ELI2013-000 ILT Operations																	
2013-06-23 Su											ELI2013-000 ILT Operations																	
2013-06-24 Mo											ELI2013-000 ILT Operations																	
2013-06-25 Tu	ELI2013-000 ILT Operations										*0																	
2013-06-26 We																												
2013-06-27 Th									*0	ELI2013-000 ILT Operations																		
2013-06-28 Fr											ELI2013-000 ILT Operations																	
2013-06-29 Sa											ELI2013-000 ILT Operations																	
2013-06-30 Su											ELI2013-000 ILT 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						12						Sunset						

**Normal Experiment Code Markers**

0 ELM2013-012 Kuniyoshi, Horneff

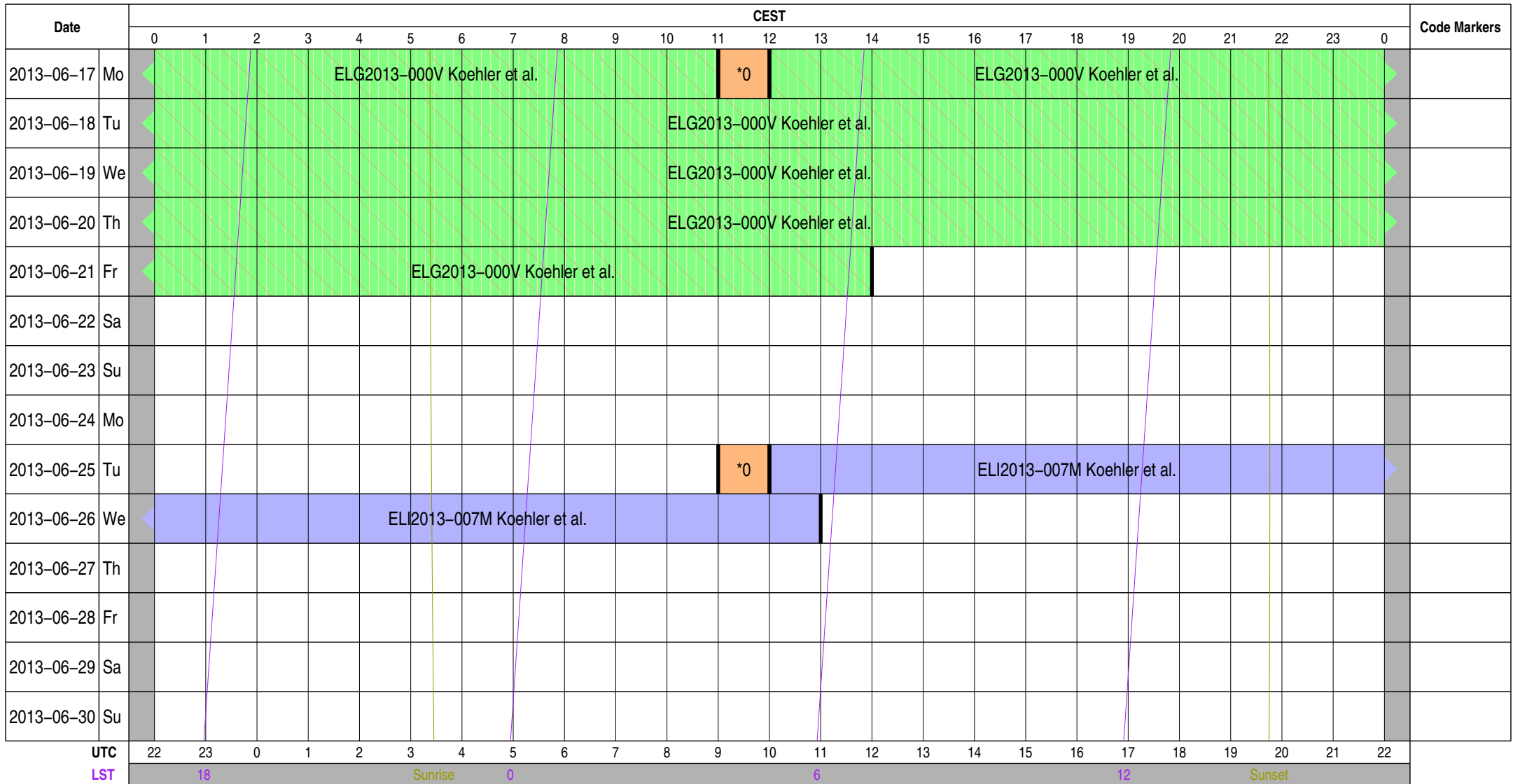
**Other Code Markers**

**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 2013-06-17 through 2013-06-30

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### Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

### Other Code Markers

### Color Meanings

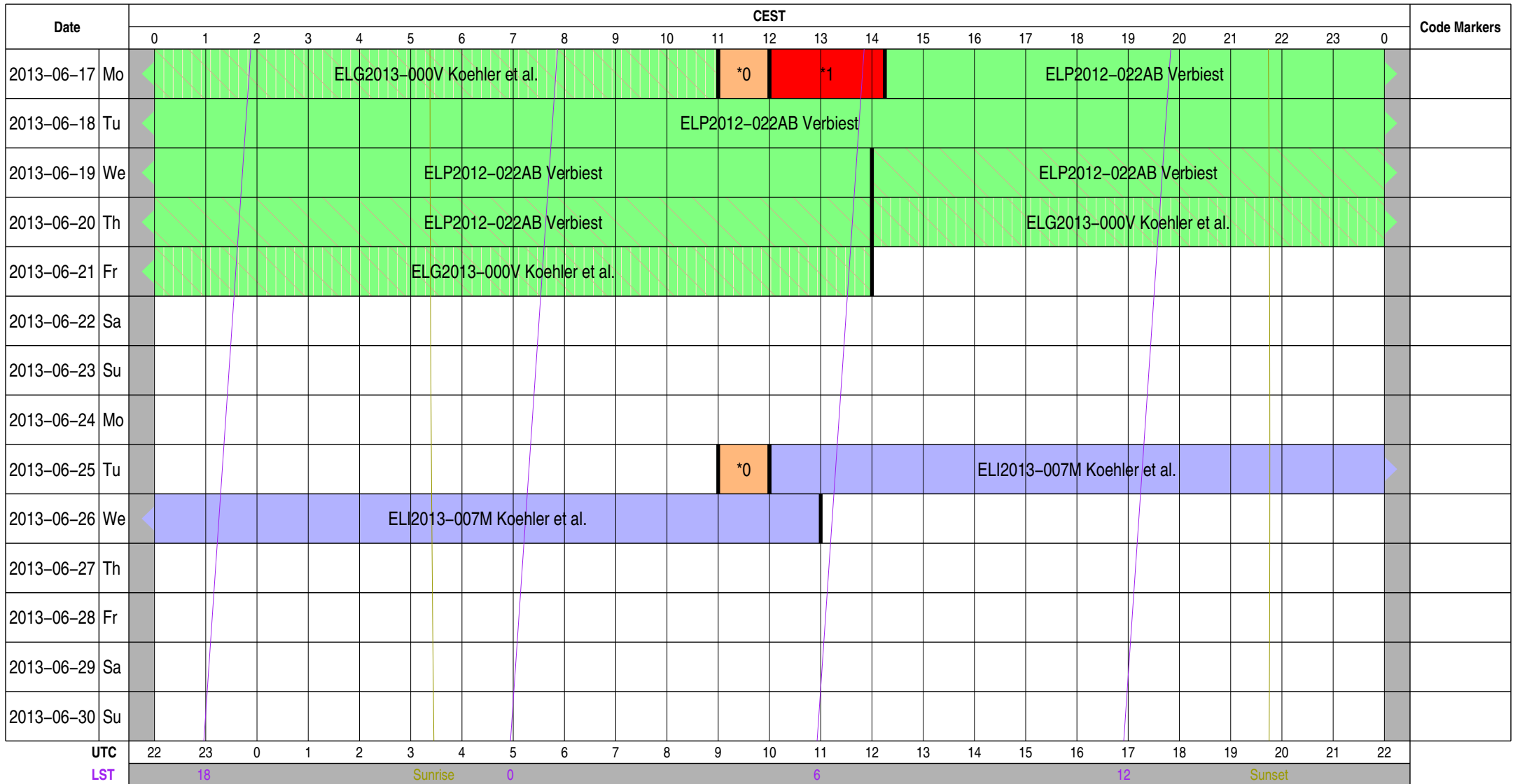
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for IofarBN Computers

## MPIfR Effelsberg LOFAR Station

### 2013-06-17 through 2013-06-30

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#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELX2013-001 Horneffer

#### 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 2013-06-17 through 2013-06-30

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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
2013-06-17	Mo												*0														
2013-06-18	Tu																										
2013-06-19	We																										
2013-06-20	Th																										
2013-06-21	Fr																										
2013-06-22	Sa																										
2013-06-23	Su																										
2013-06-24	Mo																										
2013-06-25	Tu												*0														
2013-06-26	We																										
2013-06-27	Th												*0														
2013-06-28	Fr																										
2013-06-29	Sa																										
2013-06-30	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							12		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 Iofarsrv Computer

## MPIfR Effelsberg LOFAR Station

### 2013-06-17 through 2013-06-30

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									
2013-06-17	Mo	ELG2013-000V Koehler et al.											*0	ELG2013-000V Koehler et al.											1,1											
2013-06-18	Tu																								ELG2013-000V Koehler et al.											1
2013-06-19	We																								ELG2013-000V Koehler et al.											1,1
2013-06-20	Th																								ELG2013-000V Koehler et al.											1
2013-06-21	Fr	ELG2013-000V Koehler et al.																						1												
2013-06-22	Sa																								1											
2013-06-23	Su																								1											
2013-06-24	Mo																								1											
2013-06-25	Tu												*0	ELI2013-007M Koehler et al.											1											
2013-06-26	We	ELI2013-007M Koehler et al.																																		
2013-06-27	Th																																			
2013-06-28	Fr																																			
2013-06-29	Sa																																			
2013-06-30	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								12			Sunset												

#### Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

#### Other Code Markers

1 ELE2013-0008 Horneff

#### 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

### 2013-06-17 through 2013-06-30

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	
2013-06-17 Mo	ELI2013-000 ILT Operations											*0	ELE2013-000B Horneffer												1
2013-06-18 Tu	ELE2013-000B Horneffer																								
2013-06-19 We	ELE2013-000B Horneffer												*0	ELI2013-000 ILT Operations											1
2013-06-20 Th	ELI2013-000 ILT Operations																							1	
2013-06-21 Fr	ELI2013-000 ILT Operations																							1	
2013-06-22 Sa	ELI2013-000 ILT Operations																							1	
2013-06-23 Su	ELI2013-000 ILT Operations																							1	
2013-06-24 Mo	ELI2013-000 ILT Operations																							1	
2013-06-25 Tu	ELI2013-000 ILT Operations											*0													1
2013-06-26 We																									
2013-06-27 Th									*0	ELI2013-000 ILT Operations															
2013-06-28 Fr	ELI2013-000 ILT Operations																								
2013-06-29 Sa	ELI2013-000 ILT Operations																								
2013-06-30 Su	ELI2013-000 ILT 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							12		Sunset			

#### Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

#### Other Code Markers

1 ELE2013-000B Horneffer

#### Color Meanings

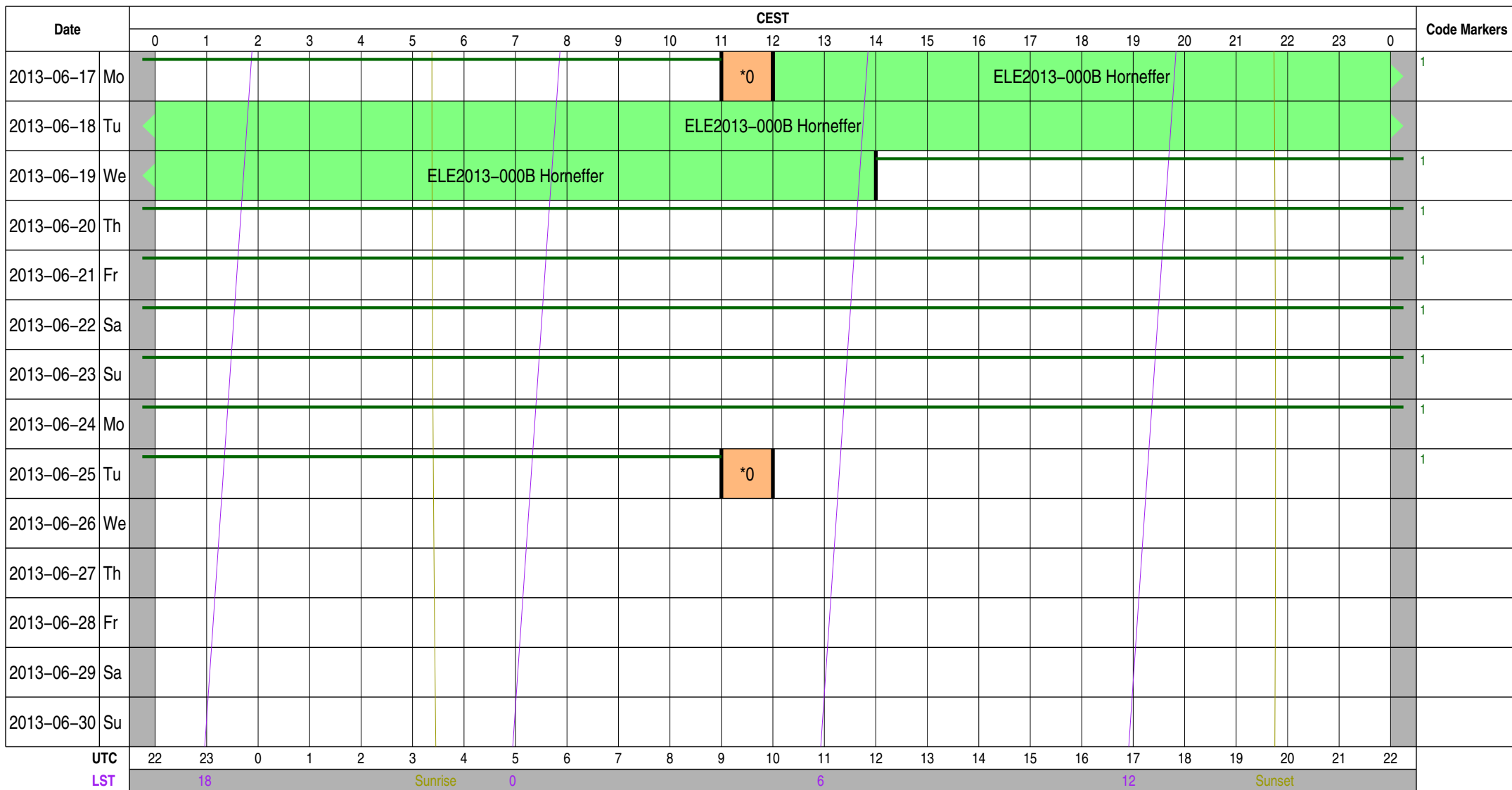
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for LOFAR Bonn--EF Fiber Connection

## MPIfR Effelsberg LOFAR Station

### 2013-06-17 through 2013-06-30

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#### Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

#### Other Code Markers

1 ELE2013-000B Horneffer

#### 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

### 2013-06-17 through 2013-06-30

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	
2013-06-17	Mo	ELD2013-003 Horneffer																								
2013-06-18	Tu	ELD2013-003 Horneffer																								
2013-06-19	We	ELD2013-003 Horneffer																								
2013-06-20	Th	ELD2013-003 Horneffer																								
2013-06-21	Fr	ELD2013-003 Horneffer																								
2013-06-22	Sa	ELD2013-003 Horneffer																								
2013-06-23	Su	ELD2013-003 Horneffer																								
2013-06-24	Mo	ELD2013-003 Horneffer																								
2013-06-25	Tu	ELD2013-003 Horneffer																								
2013-06-26	We	ELD2013-003 Horneffer																								
2013-06-27	Th	ELD2013-003 Horneffer																								
2013-06-28	Fr	ELD2013-002 Kuniyoshi																								
2013-06-29	Sa	ELD2013-002 Kuniyoshi																								
2013-06-30	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						12		Sunset			

Normal Experiment Code Markers

Other Code Markers

Color Meanings

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

## Experiment Information for Normal Observations

<b>ELE2013-000</b>	<b>Horneffer</b>	<b>horneff@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>Data copying for LOFAR MKSP ILT data to Bonn</b>
ELE2013-000 B	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
<b>ELG2013-000</b>	<b>Koehler et al.</b>	<b>jana@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 533</b>	<b>LC0_044 Studying large-scale polarization properties of the</b>
ELG2013-000 V	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 V	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
<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@mpi-fr-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@mpi-fr-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@mpi-fr-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@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)
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)
<b>ELP2012-022</b>	<b>Verbiest</b>	<b>verbiest@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 246</b>	<b>Assessing the Timing Potential of LOFAR for Pulsars</b>
ELP2012-022 AB	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AB	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
<b>ELX2013-001</b>	<b>Horneffer</b>	<b>horneff@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>lofarB1 LOFAR network not working properly</b>
ELX2013-001	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	lofarB1 LOFAR network not working properly

## Experiment Information for Other Actions

ELE2013-000	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 B	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn

## Experiment Information for Operator On-Duty Schedule

<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
<b>ELD2013-003</b>	<b>Horneffer</b>	<b>horneff@mpifr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>Project Hardware</b>
ELD2013-003	Horneffer	horneff@mpifr-bonn.mpg.de	+49 228 525 505	Project Hardware



## Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
<b>ELE2013-000</b>											<b>50.00</b>	<b>50.00</b>	
ELE2013-000 B											50.00	50.00	
<b>ELG2013-000</b>							<b>109.00</b>	<b>35.00</b>		<b>109.00</b>			
ELG2013-000 V							11.00	11.00		11.00			
ELG2013-000 V								24.00					
ELG2013-000 V							98.00			98.00			
<b>ELI2013-000</b>	<b>236.00</b>	<b>236.00</b>	<b>236.00</b>	<b>236.00</b>	<b>236.00</b>	<b>236.00</b>					<b>236.00</b>		
ELI2013-000	11.00	11.00	11.00	11.00	11.00	11.00					11.00		
ELI2013-000	140.00	140.00	140.00	140.00	140.00	140.00					140.00		
ELI2013-000	85.00	85.00	85.00	85.00	85.00	85.00					85.00		
<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>2.00</b>	<b>2.00</b>	<b>4.00</b>	<b>2.00</b>	<b>4.00</b>	<b>2.00</b>	
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		
<b>ELP2012-022</b>	<b>47.75</b>		<b>47.75</b>					<b>71.75</b>	<b>47.75</b>				
ELP2012-022 AB	47.75		47.75					47.75	47.75				
ELP2012-022 AB								24.00					
<b>ELX2013-001</b>	<b>2.25</b>							<b>2.25</b>					
ELX2013-001	2.25							2.25					

## Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000										202.00	152.00	152.00	
ELE2013-000 B										11.00	11.00	11.00	
ELE2013-000 B										50.00			
ELE2013-000 B										141.00	141.00	141.00	





# 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
<b>normal</b>													
Science A (Astrometry)													
Science C (Cosmology)													
Science E (Extragalactic)													
Science G (Galactic)													
Science H (Ionosphere)													
Science N (AGN)													
Science O (Other)													
Science P (Pulsar)													
Science R (Cosmic Rays)													
Science S (Solar System)													
Test Observation													
Maintenance Mode													
ILT Mode													
Effelsberg Mode													
GLOW Mode													
Juelich Mode													
Station Failure													
Unknown Code													
Idle													
<b>piggy-up</b>													
Piggyback Control													
Unknown Code													
Idle													
<b>piggy-down</b>													
Piggyback Without Control													
Unknown Code													
Idle													
<b>warning</b>													
Experiment Warning													
Unknown Code													
Idle													
<b>steal</b>													
Override Possible													
Unknown Code													
Idle													
<b>duty</b>													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													