

# Observing Plan for Station Control (LCU)

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23

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	
2013-06-10	Mo	ELI2013-000 ILT Operations										*0	ELI2013-007L Koehler et al.															
2013-06-11	Tu	ELI2013-007L Koehler et al.											ELP2012-022AA Verbiest															
2013-06-12	We	ELP2012-022AA Verbiest									*1	*0	ELI2013-000 ILT Operations															
2013-06-13	Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations											
2013-06-14	Fr	ELI2013-000 ILT Operations																										
2013-06-15	Sa	ELI2013-000 ILT Operations																										
2013-06-16	Su	ELI2013-000 ILT Operations																										
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																										
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 ELT2012-005B 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

### 2013-06-10 through 2013-06-23

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			
2013-06-10 Mo	ELI2013-000 ILT Operations										*0	ELI2013-007L Koehler et al.																	
2013-06-11 Tu	ELI2013-007L Koehler et al.																												
2013-06-12 We											*0	ELI2013-000 ILT Operations																	
2013-06-13 Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations													
2013-06-14 Fr											ELI2013-000 ILT Operations																		
2013-06-15 Sa											ELI2013-000 ILT Operations																		
2013-06-16 Su											ELI2013-000 ILT Operations																		
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																		
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 2013-06-10 through 2013-06-23

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	
2013-06-10	Mo	ELI2013-000 ILT Operations										*0	ELI2013-007L Koehler et al.															
2013-06-11	Tu	ELI2013-007L Koehler et al.											ELP2012-022AA Verbiest															
2013-06-12	We	ELP2012-022AA Verbiest									*1	*0	ELI2013-000 ILT Operations															
2013-06-13	Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations											
2013-06-14	Fr	ELI2013-000 ILT Operations																										
2013-06-15	Sa	ELI2013-000 ILT Operations																										
2013-06-16	Su	ELI2013-000 ILT Operations																										
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																										
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 ELT2012-005B 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 2013-06-10 through 2013-06-23

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
2013-06-10 Mo	ELI2013-000 ILT Operations										*0	ELI2013-007L Koehler et al.														
2013-06-11 Tu	ELI2013-007L Koehler et al.																									
2013-06-12 We											*0	ELI2013-000 ILT Operations														
2013-06-13 Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations										
2013-06-14 Fr											ELI2013-000 ILT Operations															
2013-06-15 Sa											ELI2013-000 ILT Operations															
2013-06-16 Su											ELI2013-000 ILT Operations															
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															
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

### 2013-06-10 through 2013-06-23

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			
2013-06-10 Mo	ELI2013-000 ILT Operations										*0																		
2013-06-11 Tu																													
2013-06-12 We											*0	ELI2013-000 ILT Operations																	
2013-06-13 Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations													
2013-06-14 Fr											ELI2013-000 ILT Operations																		
2013-06-15 Sa											ELI2013-000 ILT Operations																		
2013-06-16 Su											ELI2013-000 ILT Operations																		
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																		
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

### 2013-06-10 through 2013-06-23

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		
2013-06-10 Mo	ELI2013-000 ILT Operations										*0																	
2013-06-11 Tu																												
2013-06-12 We											*0	ELI2013-000 ILT Operations																
2013-06-13 Th	ELI2013-000 ILT Operations										ELM2013-019 Anderson					ELI2013-000 ILT Operations												
2013-06-14 Fr											ELI2013-000 ILT Operations																	
2013-06-15 Sa											ELI2013-000 ILT Operations																	
2013-06-16 Su											ELI2013-000 ILT Operations																	
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																	
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

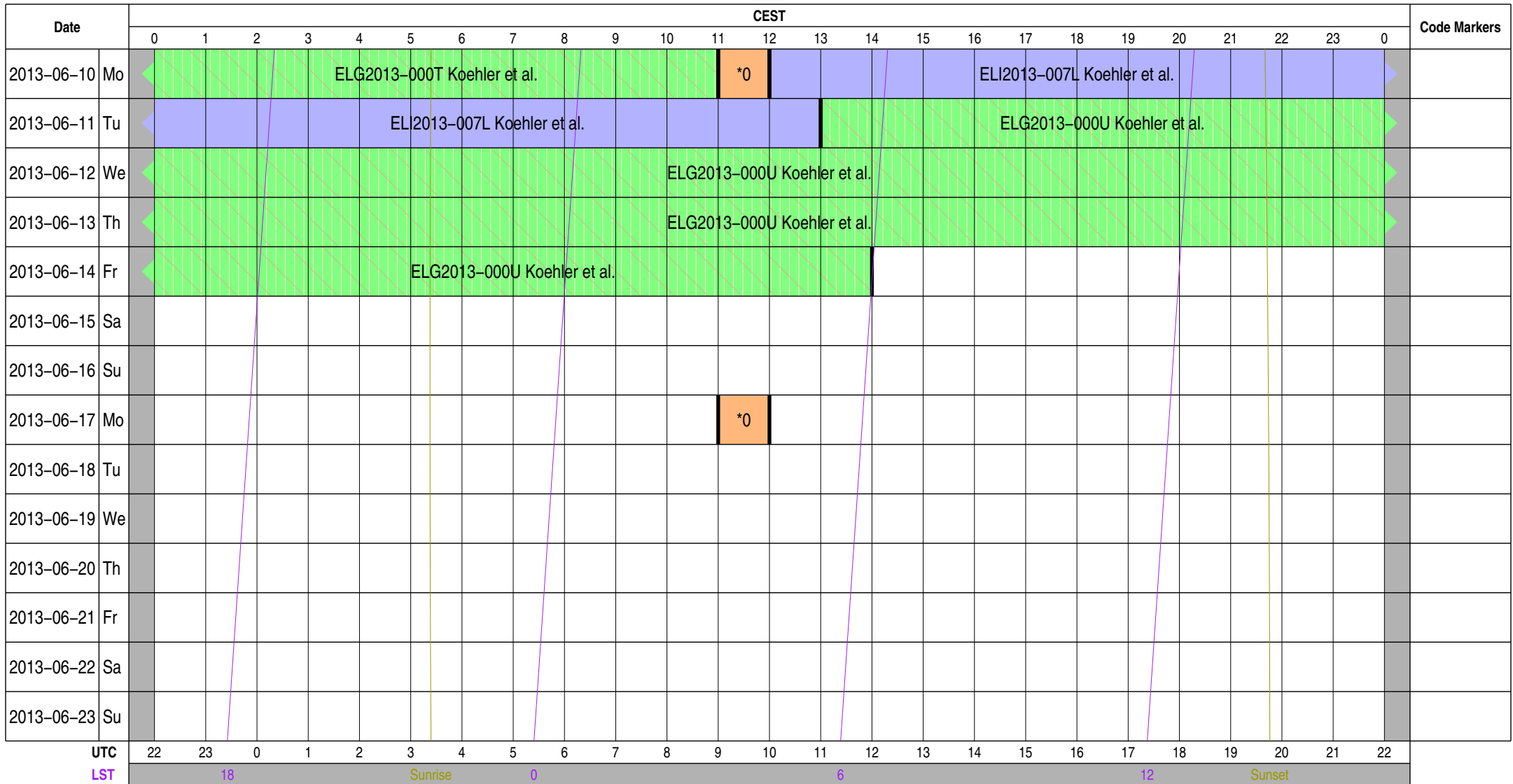
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for IofarAN Computers

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23

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#### Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

#### Other Code Markers

#### Color Meanings

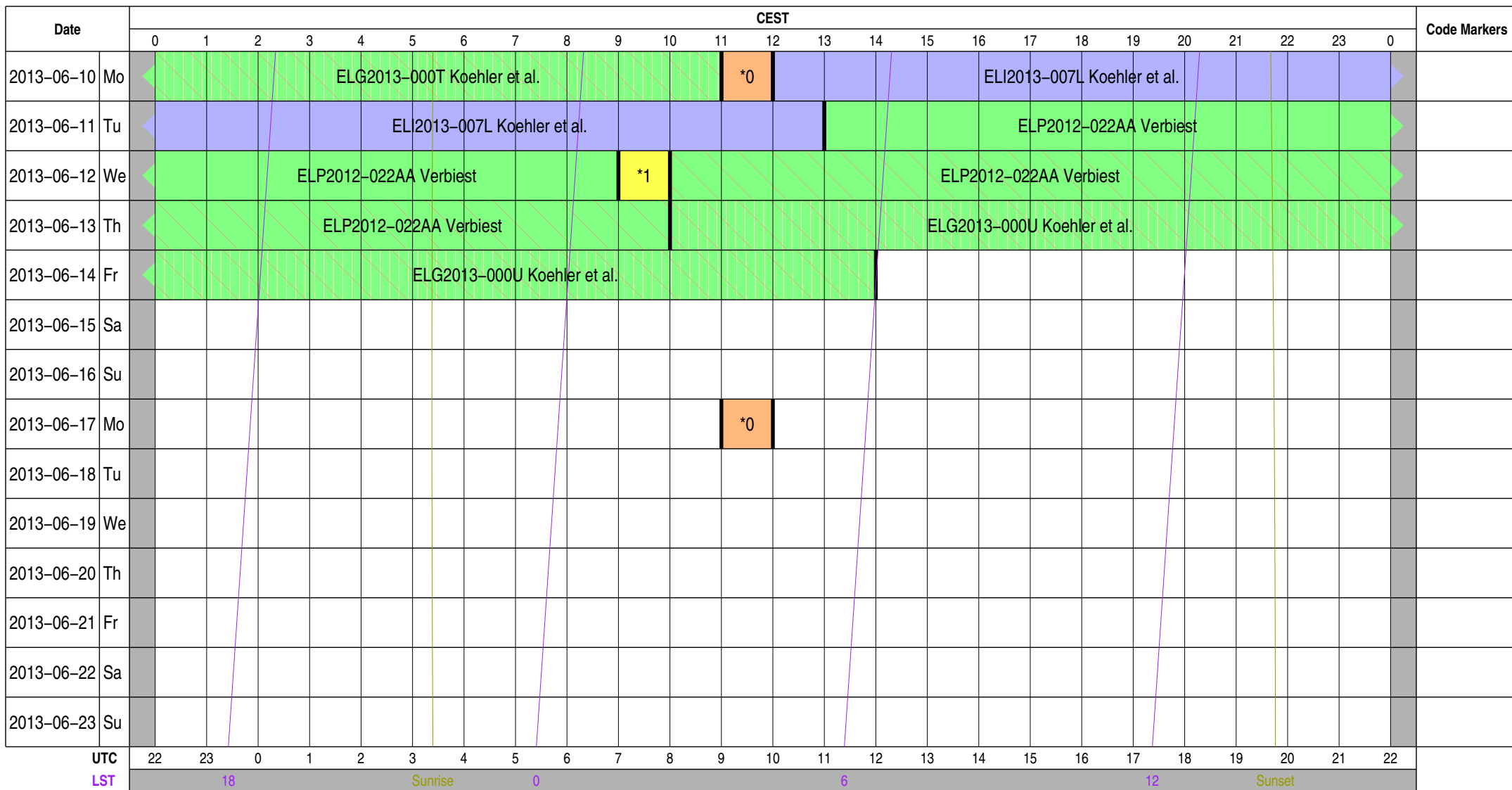
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for IofarBN Computers

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23

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



#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2012-005B 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 |                           |

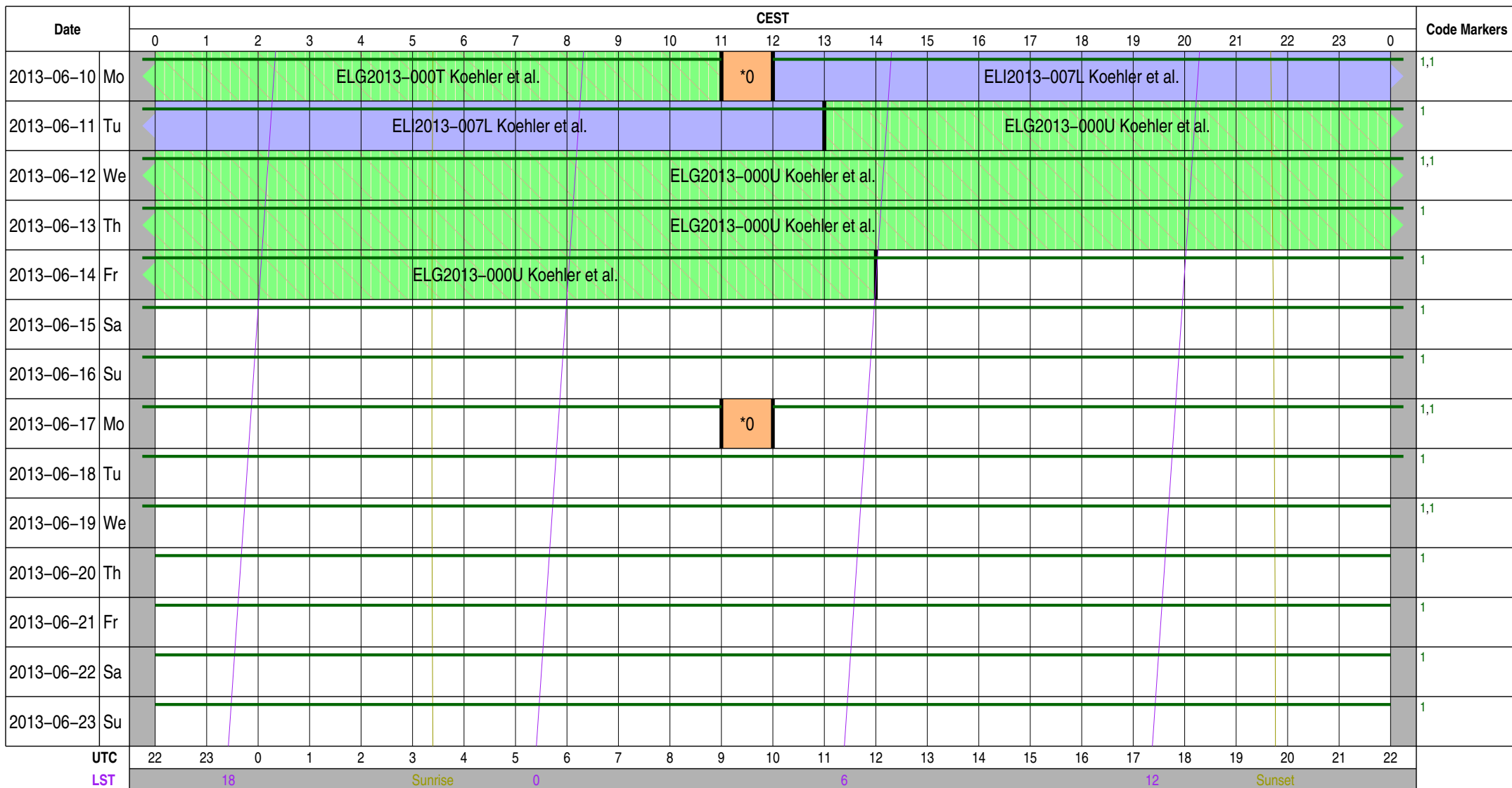




# Observing Plan for Iofarsrv Computer

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23



**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

### 2013-06-10 through 2013-06-23

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
2013-06-10	Mo	ELI2013-000 ILT Operations										*0	ELE2013-000B Horneffer													1	
2013-06-11	Tu											ELE2013-000B Horneffer															
2013-06-12	We	ELE2013-000B Horneffer										*0	ELI2013-000 ILT Operations													1	
2013-06-13	Th	ELI2013-000 ILT Operations																ELI2013-000 ILT Operations								1	
2013-06-14	Fr											ELI2013-000 ILT Operations													1		
2013-06-15	Sa											ELI2013-000 ILT Operations													1		
2013-06-16	Su											ELI2013-000 ILT Operations													1		
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		
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

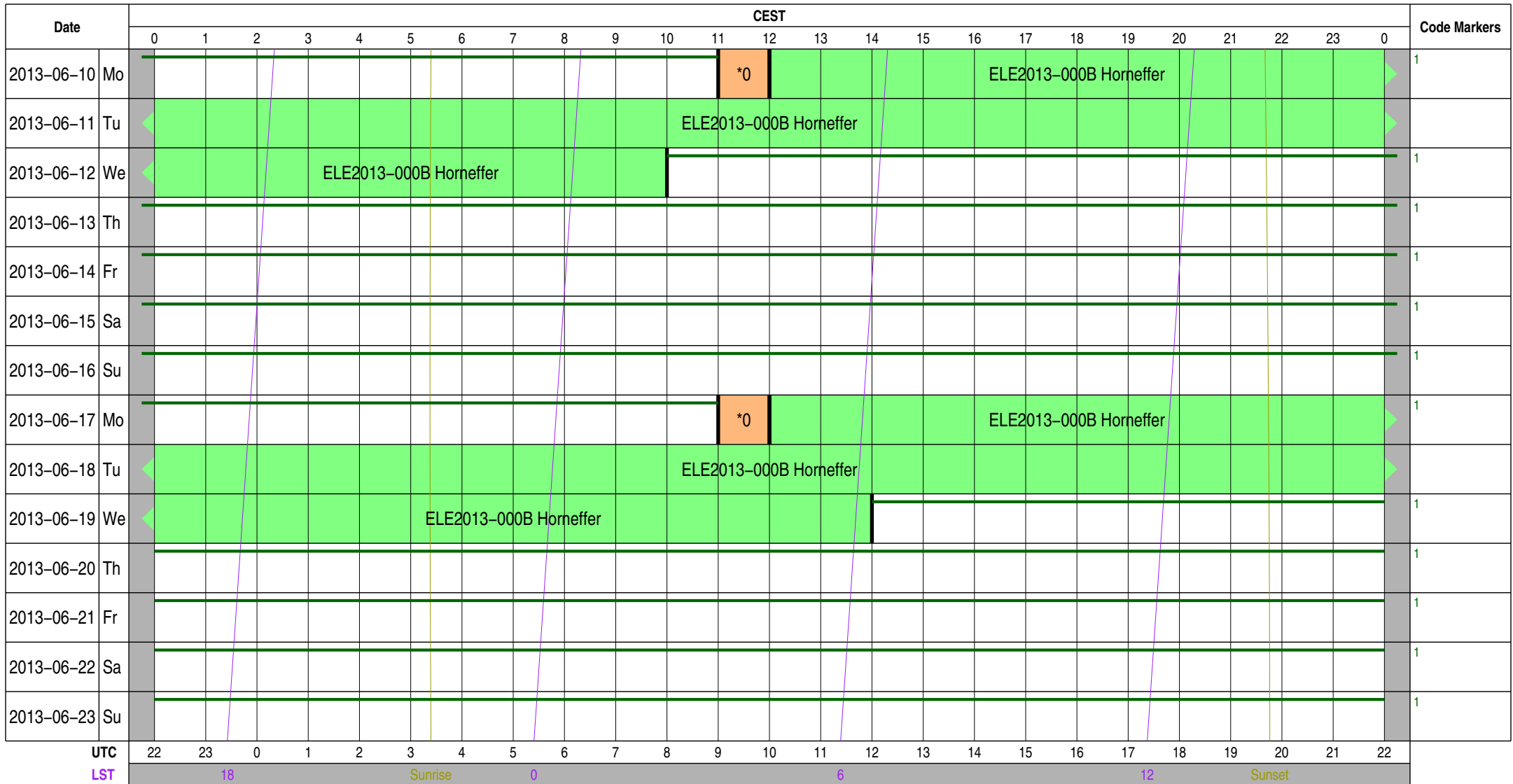
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

# Observing Plan for LOFAR Bonn--EF Fiber Connection

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23

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



**Normal Experiment Code Markers**

0 ELM2013-012 Kuniyoshi, Horneff

**Other Code Markers**

1 ELE2013-000B Horneffer

**Color Meanings**

<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science A (Astrometry)	<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science O (Other)	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> ILT Mode	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Piggyback Without Control
<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science C (Cosmology)	<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science P (Pulsar)	<span style="background-color: #00ffff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Effelsberg Mode	<span style="background-color: #ff8c00; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Experiment Warning
<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science E (Extragalactic)	<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science R (Cosmic Rays)	<span style="background-color: #00ffff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> GLOW Mode	<span style="background-color: #800000; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Override Possible
<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science G (Galactic)	<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science S (Solar System)	<span style="background-color: #00ffff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Juelich Mode	
<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science H (Ionosphere)	<span style="background-color: #ffff00; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Test Observation	<span style="background-color: #ff0000; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Station Failure	
<span style="background-color: #90ee90; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Science N (AGN)	<span style="background-color: #f4a460; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Maintenance Mode	<span style="background-color: #ff00ff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Piggyback Control	

# Observing Plan for Operator On-Duty

## MPIfR Effelsberg LOFAR Station

### 2013-06-10 through 2013-06-23

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	
2013-06-10	Mo											ELD2013-003 Horneffer														
2013-06-11	Tu											ELD2013-003 Horneffer														
2013-06-12	We											ELD2013-001 Anderson														
2013-06-13	Th											ELD2013-001 Anderson														
2013-06-14	Fr											ELD2013-001 Anderson														
2013-06-15	Sa											ELD2013-003 Horneffer														
2013-06-16	Su											ELD2013-003 Horneffer														
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														

<b>UTC</b>	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
<b>LST</b>		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
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 T	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 U	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 U	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
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 L	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)
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>ELM2013-019</b>	<b>Anderson</b>	<b>anderson@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>test equipment performance using test transmitter</b>
ELM2013-019	Anderson	anderson@mpi-fr-bonn.mpg.de	+49 228 525 356	test equipment performance using test transmitter
<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 AA	Verbiest	joris.verbiest@gmail.com	+49 521 106 3184	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AA	Verbiest	joris.verbiest@gmail.com	+49 521 106 3184	Assessing the Timing Potential of LOFAR for Pulsars
<b>ELT2012-005</b>	<b>Anderson</b>	<b>anderson@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>8 bit mode testing with LuMP</b>
ELT2012-005 B	Anderson	anderson@mpi-fr-bonn.mpg.de	+49 228 525 356	8 bit mode testing with LuMP

## 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
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>ELD2013-001</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
ELD2013-001	Anderson	anderson@mpifr-bonn.mpg.de	+49 228 525 356	Project Manager
<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
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>96.00</b>	<b>96.00</b>	
ELE2013-000 B											46.00	46.00	
ELE2013-000 B											50.00	50.00	
<b>ELG2013-000</b>							<b>84.00</b>	<b>39.00</b>		<b>84.00</b>			
ELG2013-000 T							11.00	11.00		11.00			
ELG2013-000 U								28.00					
ELG2013-000 U							73.00			73.00			
<b>ELI2013-000</b>		<b>229.00</b>	<b>229.00</b>	<b>229.00</b>	<b>229.00</b>	<b>229.00</b>					<b>229.00</b>		
ELI2013-000	11.00	11.00	11.00	11.00	11.00	11.00					11.00		
ELI2013-000	23.00	23.00	23.00	23.00	23.00	23.00					23.00		
ELI2013-000	90.00	90.00	90.00	90.00	90.00	90.00					90.00		
ELI2013-000	105.00	105.00	105.00	105.00	105.00	105.00					105.00		
<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 L	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>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	
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	1.00	1.00	1.00	1.00	
<b>ELM2013-019</b>		<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>	<b>7.00</b>			<b>7.00</b>				
ELM2013-019	7.00	7.00	7.00	7.00	7.00	7.00			7.00				
<b>ELP2012-022</b>		<b>20.00</b>		<b>20.00</b>				<b>44.00</b>	<b>20.00</b>				
ELP2012-022 AA	20.00		20.00					20.00	20.00				
ELP2012-022 AA								24.00					
<b>ELT2012-005</b>		<b>1.00</b>		<b>1.00</b>				<b>1.00</b>	<b>1.00</b>				
ELT2012-005 B	1.00		1.00					1.00	1.00				

## Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000										334.00	238.00	238.00	
ELE2013-000	B									11.00	11.00	11.00	
ELE2013-000	B									46.00			
ELE2013-000	B									121.00	121.00	121.00	
ELE2013-000	B									50.00			
ELE2013-000	B									106.00	106.00	106.00	



# Summary of Time Usage [total=336.00 hours] 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													
<b>Effelsberg Mode</b>													
<b>GLOW Mode</b>													
<b>Juelich Mode</b>													
<b>Station Failure</b>													
Unknown Code													
Idle													
<b>piggy-up</b>													
<b>Piggyback Control</b>													
Unknown Code													
Idle													
<b>piggy-down</b>													
<b>Piggyback Without Control</b>													
Unknown Code													
Idle													
<b>warning</b>													
<b>Experiment Warning</b>													
Unknown Code													
Idle													
<b>steal</b>													
<b>Override Possible</b>													
Unknown Code													
Idle													
<b>duty</b>													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													

# 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													
<b>Effelsberg Mode</b>													
<b>GLOW Mode</b>													
<b>Juelich Mode</b>													
<b>Station Failure</b>													
Unknown Code													
Idle													
<b>piggy-up</b>													
<b>Piggyback Control</b>													
Unknown Code													
Idle													
<b>piggy-down</b>													
<b>Piggyback Without Control</b>													
Unknown Code													
Idle													
<b>warning</b>													
<b>Experiment Warning</b>													
Unknown Code													
Idle													
<b>steal</b>													
<b>Override Possible</b>													
Unknown Code													
Idle													
<b>duty</b>													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													