

# Observing Plan for Station Control (LCU)

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu	ELP2012-022AN Verbiest									*0	ELI2013-000 ILT Operations															
2013-12-11 We	ELI2013-000 ILT Operations									*0	*1	*2	ELP2012-022AP Verbiest													
2013-12-12 Th	ELP2012-022AP Verbiest									ELI2013-009D Serylak, Verbiest et al.																
2013-12-13 Fr	ELI2013-009D Serylak, Verbiest et al.									*0	ELI2013-000 ILT Operations															
2013-12-14 Sa	ELI2013-000 ILT Operations																									
2013-12-15 Su	ELI2013-000 ILT Operations																									
2013-12-16 Mo	ELI2013-000 ILT Operations									*0	ELP2012-022AQ Verbiest															
2013-12-17 Tu	ELP2012-022AQ Verbiest									*0	ELI2013-000 ILT Operations															
2013-12-18 We	ELI2013-000 ILT Operations									*0	*3	*4	ELP2012-022AR Verbiest													

<b>UTC</b>	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>LST</b>	6							12						18						0					

**Normal Experiment Code Markers**

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-022AO Verbiest
- 2 ELT2013-006D Horneffer
- 3 ELP2012-022AR Verbiest
- 4 ELT2013-006E Horneffer

**Other Code Markers**

**Color Meanings**

- |                           |                          |                   |
|---------------------------|--------------------------|-------------------|
| Science A (Astrometry)    | Science O (Other)        | ILT Mode          |
| Science C (Cosmology)     | Science P (Pulsar)       | Effelsberg Mode   |
| Science E (Extragalactic) | Science R (Cosmic Rays)  | GLOW Mode         |
| Science G (Galactic)      | Science S (Solar System) | Juelich Mode      |
| Science H (Ionosphere)    | Test Observation         | Station Failure   |
| Science N (AGN)           | Maintenance Mode         | Piggyback Control |

- Piggyback Without Control
- Experiment Warning
- Override Possible

# Observing Plan for Transient Buffer Boards

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu										*0																
2013-12-11 We											*0					*1										
2013-12-12 Th																										
2013-12-13 Fr										*0																
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo											*0															
2013-12-17 Tu										*0																
2013-12-18 We											*0					*2										
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6						12			Sunrise				18			Sunset			0						

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E Horneffer

#### Other Code Markers

#### Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode
Science G (Galactic)	Science S (Solar System)	Juelich Mode
Science H (Ionosphere)	Test Observation	Station Failure
Science N (AGN)	Maintenance Mode	Piggyback Control

- Piggyback Without Control
- Experiment Warning
- Override Possible

# Observing Plan for HBA MPIfR Effelsberg LOFAR Station 2013-12-10 through 2013-12-18

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

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu	ELP2012-022AN Verbiest									*0	ELI2013-000 ILT Operations															
2013-12-11 We	ELI2013-000 ILT Operations									*0	*1	*2	ELP2012-022AP Verbiest													
2013-12-12 Th	ELP2012-022AP Verbiest									ELI2013-009D Serylak, Verbiest et al.																
2013-12-13 Fr	ELI2013-009D Serylak, Verbiest et al.									*0	ELI2013-000 ILT Operations															
2013-12-14 Sa	ELI2013-000 ILT Operations																									
2013-12-15 Su	ELI2013-000 ILT Operations																									
2013-12-16 Mo	ELI2013-000 ILT Operations									*0	ELP2012-022AQ Verbiest															
2013-12-17 Tu	ELP2012-022AQ Verbiest									*0	ELI2013-000 ILT Operations															
2013-12-18 We	ELI2013-000 ILT Operations									*0	*3	*4	ELP2012-022AR Verbiest													
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6							12						18						0						

### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2012-022AO Verbiest
- 2 ELT2013-006D Horneffer
- 3 ELP2012-022AR Verbiest
- 4 ELT2013-006E 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 Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-12-10 through 2013-12-18

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

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu										*0																
2013-12-11 We											*0					*1										
2013-12-12 Th																										
2013-12-13 Fr										*0																
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo											*0															
2013-12-17 Tu										*0																
2013-12-18 We											*0					*2										
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6						12			Sunrise				18			Sunset			0						

**Normal Experiment Code Markers**

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E Horneffer

**Other Code Markers**

**Color Meanings**

Science A (Astrometry)	Science O (Other)	ILT Mode
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode
Science G (Galactic)	Science S (Solar System)	Juelich Mode
Science H (Ionosphere)	Test Observation	Station Failure
Science N (AGN)	Maintenance Mode	Piggyback Control

- Piggyback Without Control
- Experiment Warning
- Override Possible

# Observing Plan for Low Band Low, Unused Inputs

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu										*0																
2013-12-11 We											*0					*1										
2013-12-12 Th																										
2013-12-13 Fr										*0																
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo											*0															
2013-12-17 Tu										*0																
2013-12-18 We											*0					*2										
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6						12			Sunrise				18			Sunset			0						

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E 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 Station Interferometer

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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Date	CET																								Code Markers		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0	
2013-12-10 Tu										*0																	
2013-12-11 We											*0																
2013-12-12 Th																											
2013-12-13 Fr											*0																
2013-12-14 Sa																											
2013-12-15 Su																											
2013-12-16 Mo											*0																
2013-12-17 Tu											*0																
2013-12-18 We											*0																

UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
LST	6							12		Sunrise				18		Sunset		0							

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E 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 IofarAN Computers

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu																										
2013-12-11 We										*0					*1											
2013-12-12 Th																										
2013-12-13 Fr																										
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo										*0																
2013-12-17 Tu																										
2013-12-18 We										*0					*2											
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6 12 Sunrise 18 Sunset 0																									

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E Horneffer

#### Other Code Markers

#### Color Meanings

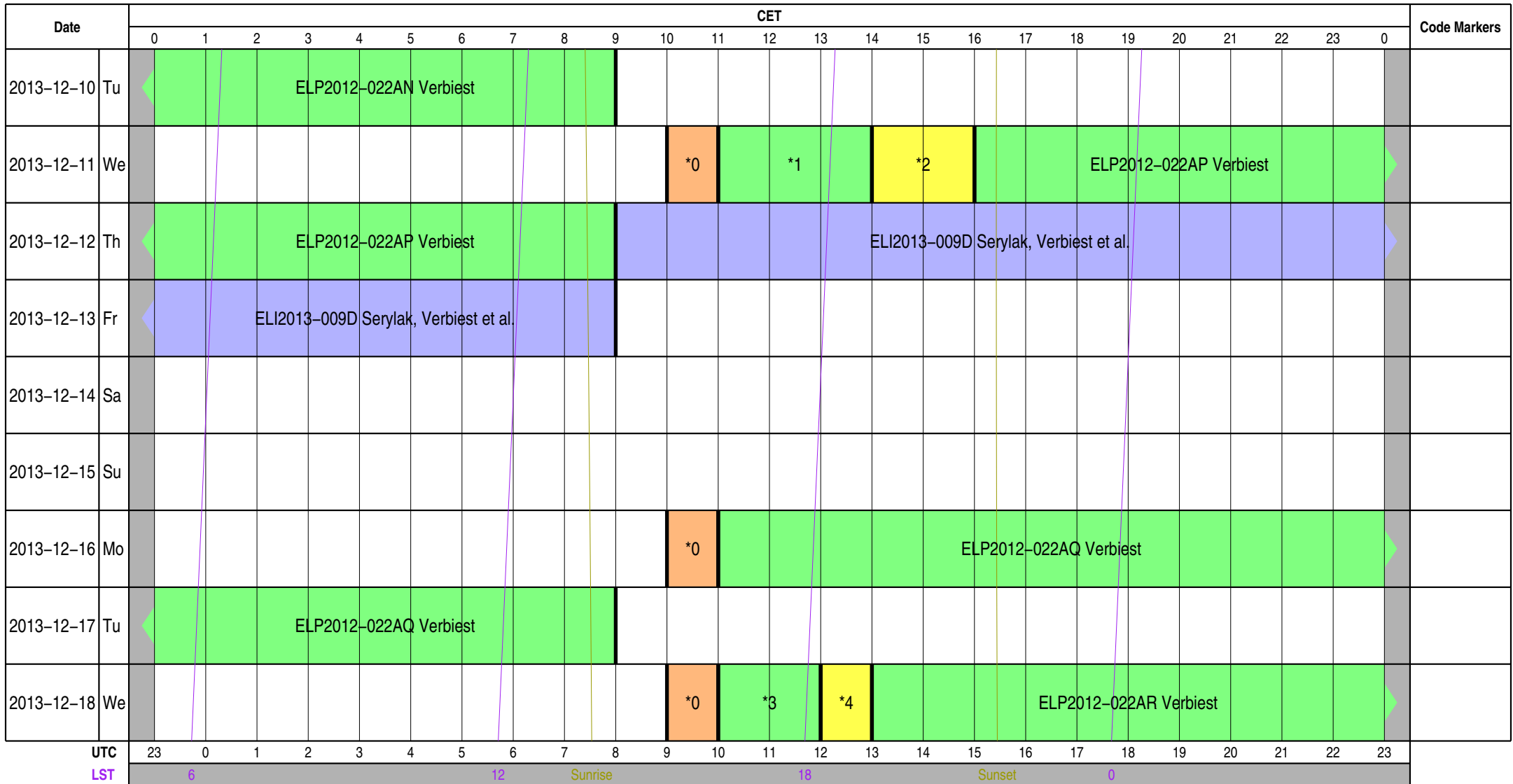
- |                           |                          |                   |                           |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry)    | Science O (Other)        | ILT Mode          | Piggyback Without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

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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 ELP2012-022AO Verbiest
- 2 ELT2013-006D Horneffer
- 3 ELP2012-022AR Verbiest
- 4 ELT2013-006E Horneffer

#### Other Code Markers

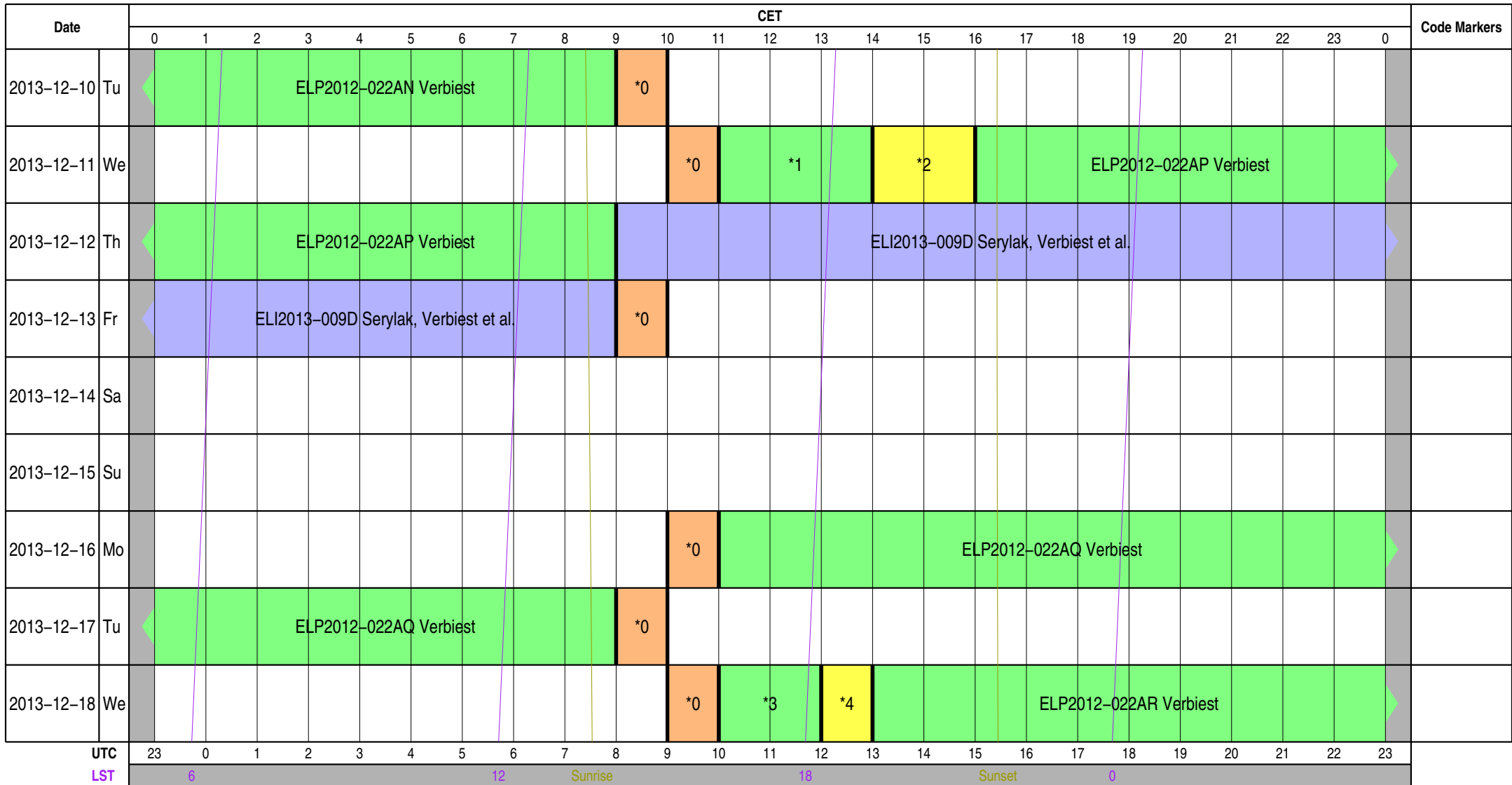
#### Color Meanings

- |                           |                          |                   |                           |
|---------------------------|--------------------------|-------------------|---------------------------|
| 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 2013-12-10 through 2013-12-18

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 ELP2012-022AO Verbiest
- 2 ELT2013-006D Horneffer
- 3 ELP2012-022AR Verbiest
- 4 ELT2013-006E 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 lofarsrv Computer MPIfR Effelsberg LOFAR Station 2013-12-10 through 2013-12-18

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

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu																										
2013-12-11 We										*0					*1											
2013-12-12 Th																										
2013-12-13 Fr																										
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo										*0																
2013-12-17 Tu																										
2013-12-18 We										*0					*2											
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6 12 Sunrise 18 Sunset 0																									

### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E 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 LOFAR Fiber Connection

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu										*0																
2013-12-11 We											*0					*1										
2013-12-12 Th																										
2013-12-13 Fr										*0																
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo											*0															
2013-12-17 Tu										*0																
2013-12-18 We											*0					*2										
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6						12			Sunrise				18			Sunset			0						

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E 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 LOFAR Bonn--EF Fiber Connection

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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

Date	CET																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10 Tu																										
2013-12-11 We										*0					*1											
2013-12-12 Th																										
2013-12-13 Fr																										
2013-12-14 Sa																										
2013-12-15 Su																										
2013-12-16 Mo										*0																
2013-12-17 Tu																										
2013-12-18 We										*0				*2												
UTC	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
LST	6						12		Sunrise				18		Sunset				0							

#### Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELT2013-006D Horneffer
- 2 ELT2013-006E 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 |                           |

Version: draft  
 Creation Date: 2013-12-19T14:30:55.935479Z  
 Operator Telephone: +49 2257 301 155  
 Web Page: [https://deki.mpifr-bonn.mpg.de/Cooperations/LOFAR/Effelsberg\\_LOFAR\\_Schedule](https://deki.mpifr-bonn.mpg.de/Cooperations/LOFAR/Effelsberg_LOFAR_Schedule)

# Observing Plan for Operator On-Duty

## MPIfR Effelsberg LOFAR Station

### 2013-12-10 through 2013-12-18

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Date		CET																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-12-10	Tu																										
2013-12-11	We																										
2013-12-12	Th																										
2013-12-13	Fr																										
2013-12-14	Sa																										
2013-12-15	Su																										
2013-12-16	Mo																										
2013-12-17	Tu																										
2013-12-18	We																										

<b>UTC</b>	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<b>LST</b>	6	12	Sunrise	18	Sunset	0																				

**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
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
<b>ELI2013-009</b>	<b>Serylak, Verbiest et al.</b>	<b>joris.verbiest@gmail.com</b>	<b>+49 521 106 3184</b>	<b>LC1_048 Studying Pulsars and the Interstellar Medium using</b>
ELI2013-009 D	Serylak, Verbiest et al.	joris.verbiest@gmail.com	+49 521 106 3184	LC1_048 Studying Pulsars and the Interstellar Medium using
<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)
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)
<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 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AO	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AP	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AQ	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AR	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AR	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
<b>ELT2013-006</b>	<b>Horneffer</b>	<b>ahorneffer@mpifr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>testing GLOW mode setup</b>
ELT2013-006 D	Horneffer	ahorneffer@mpifr-bonn.mpg.de	+49 228 525 505	testing GLOW mode setup
ELT2013-006 E	Horneffer	ahorneffer@mpifr-bonn.mpg.de	+49 228 525 505	testing GLOW mode setup

## Experiment Information for Other Actions

## Experiment Information for Operator On-Duty Schedule





# Time Usage [hours] for Other Actions

Experiment Code      station      TBB      HBA      LBH      LBL      interfe      lofarAN      lofarBN      lofarx      lofarsr      fiber BN--EF\_      duty

# Time Usage [hours] for Operator On-Duty Schedule

Experiment Code

station

TBB

HBA

LBH

LBL

interfe

lofarAN

lofarBN

lofarx

lofarsr

fiber

BN--EF\_

duty



