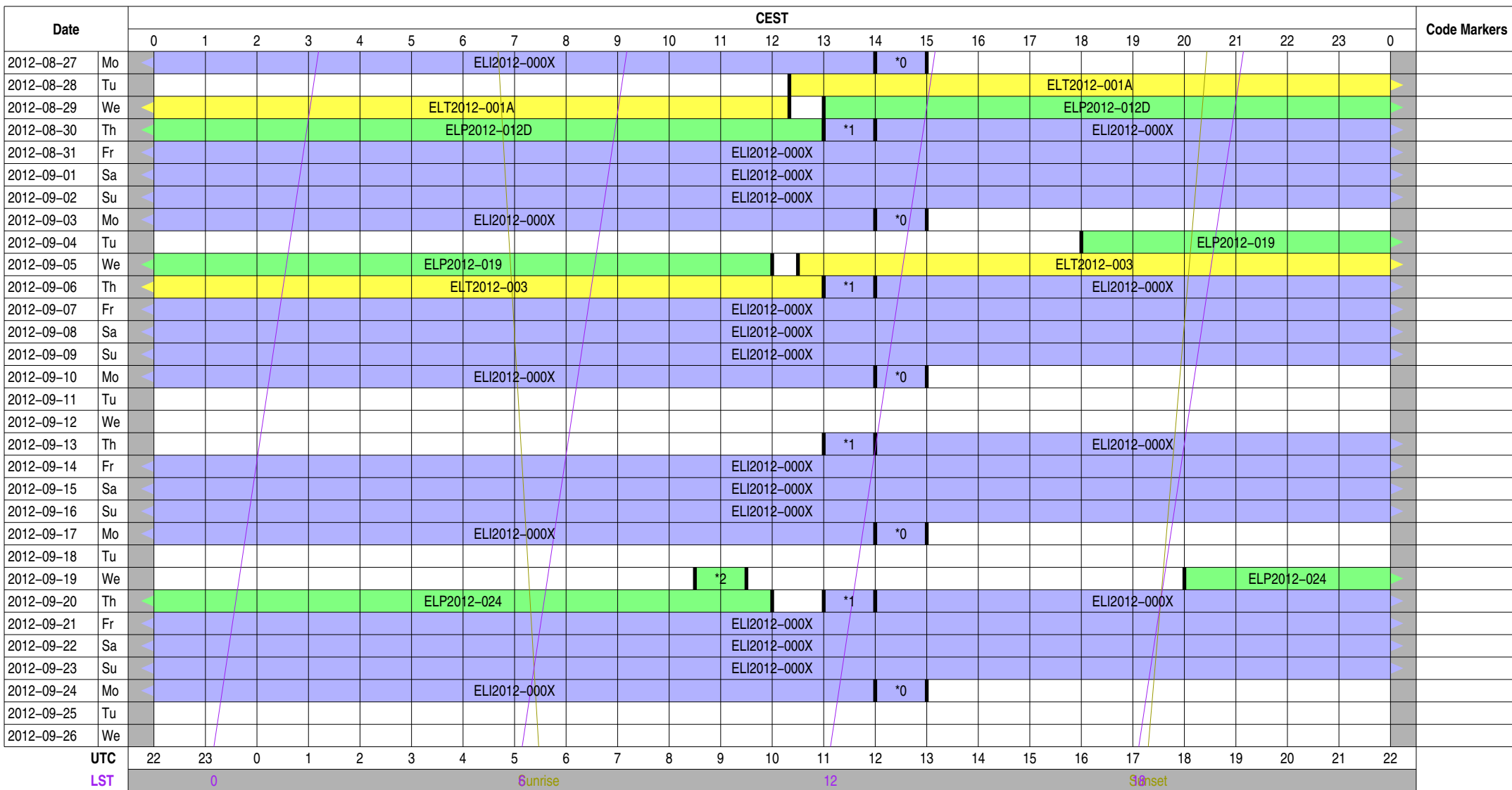


# Observing Plan for Station Control (LCU)

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26



#### Normal Experiment Code Markers

0	ELI2012-003AT
1	ELI2012-003AS
2	ELP2012-023

#### Other Experiment Code Markers

#### Color Meanings

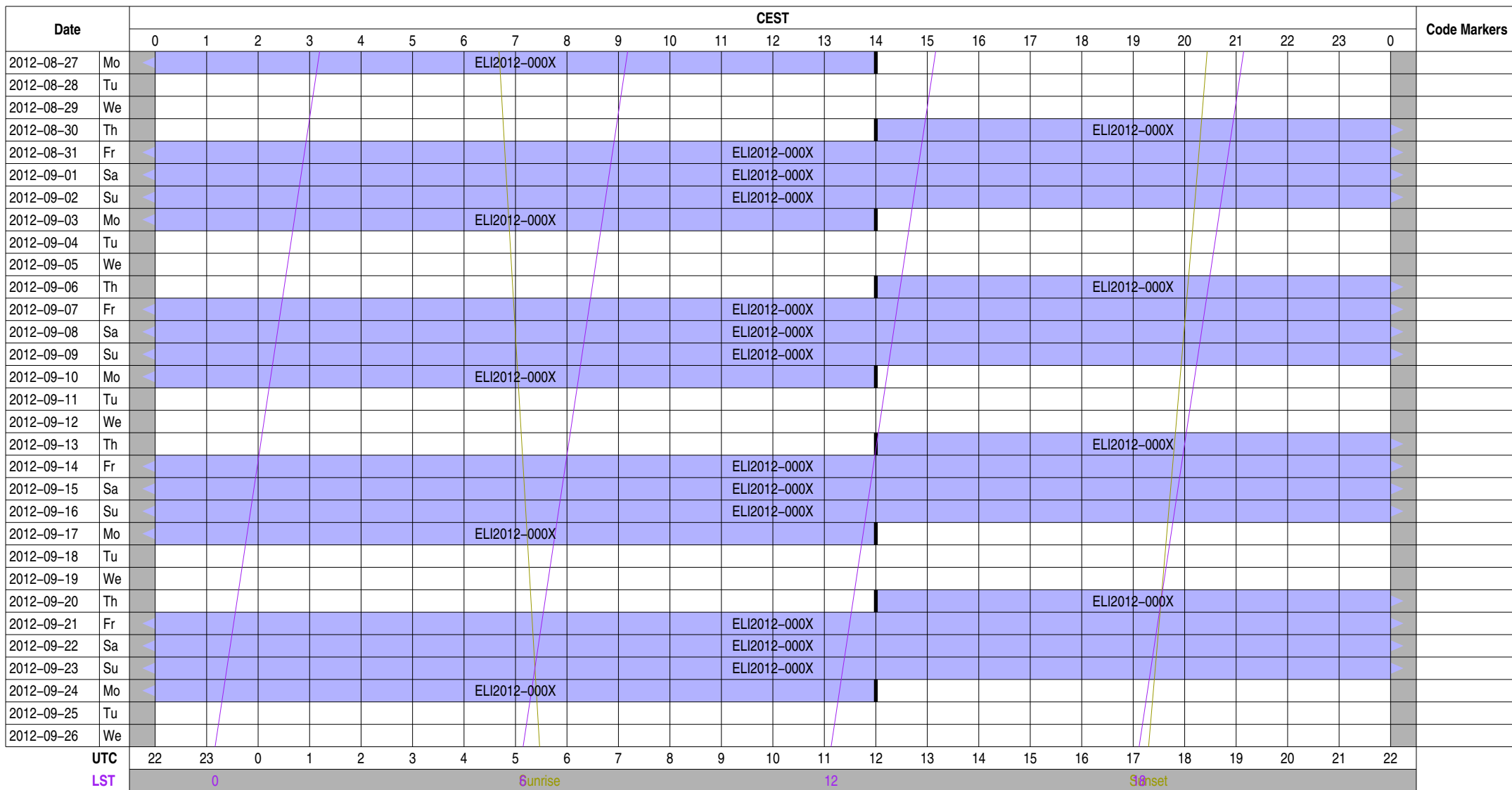
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

# Observing Plan for Transient Buffer Boards

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



**Normal Experiment Code Markers**

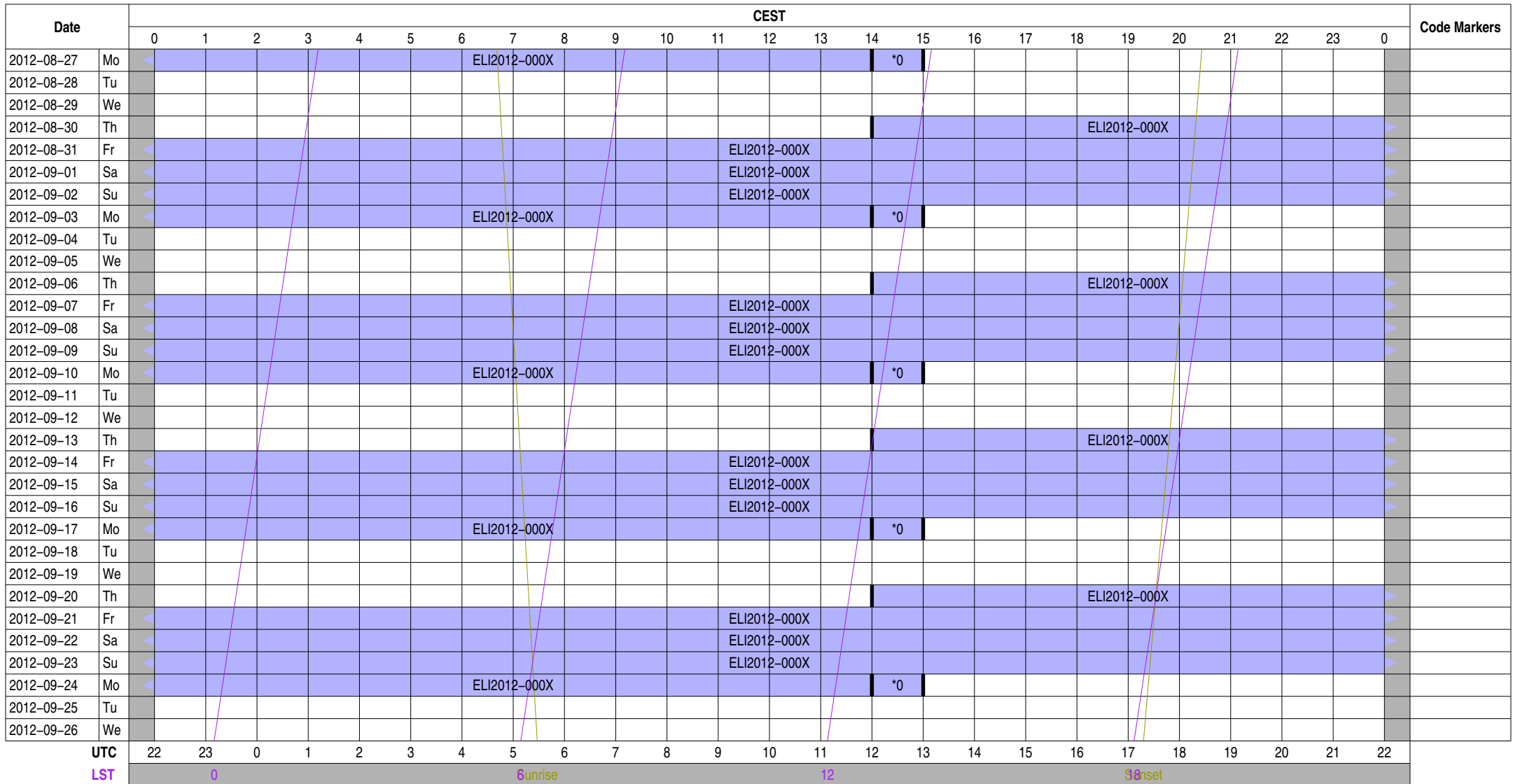
**Other Experiment Code Markers**

**Color Meanings**

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

# Observing Plan for HBA MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26

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."



**Normal Experiment Code Markers**

0 ELI2012-003AT

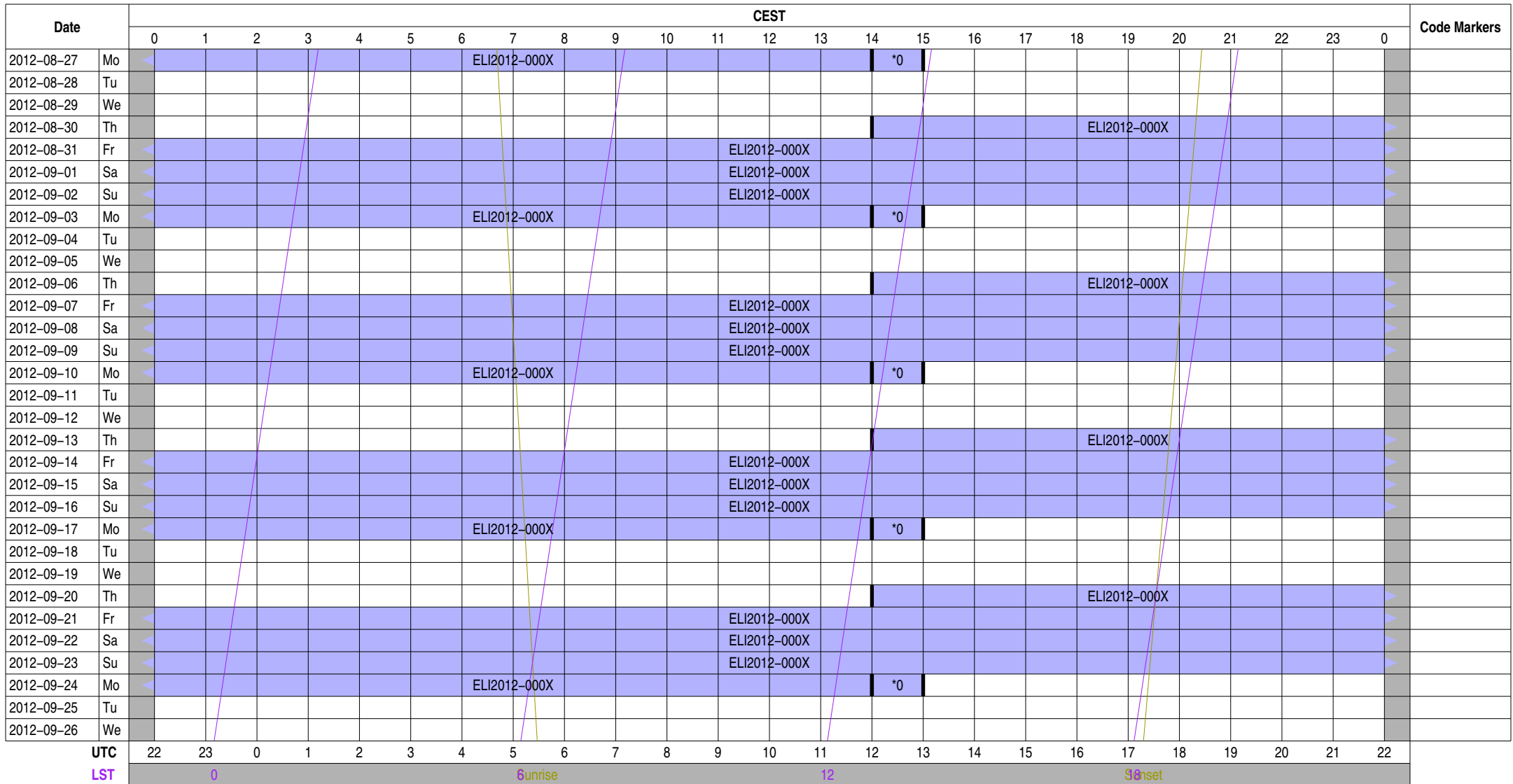
**Other Experiment Code Markers**

**Color Meanings**

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

# Observing Plan for Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26

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."



**Normal Experiment Code Markers**

0 ELI2012-003AT

**Other Experiment Code Markers**

**Color Meanings**

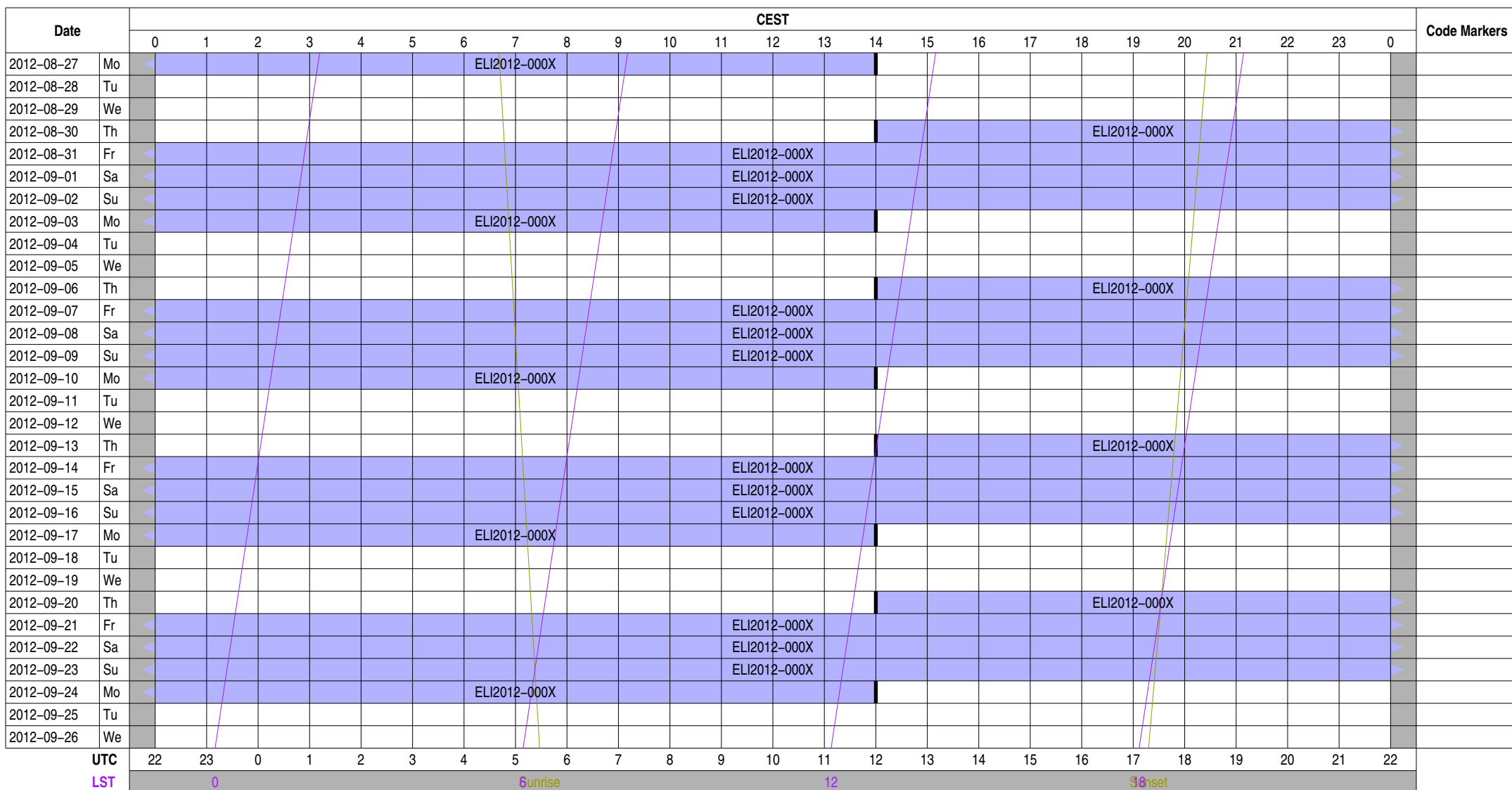
- |                           |                          |                  |                           |
|---------------------------|--------------------------|------------------|---------------------------|
| Science A (Astrometry)    | Science N (AGN)          | Test Observation | Juelich Mode  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

# Observing Plan for Low Band Low, Unused Inputs

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



#### Normal Experiment Code Markers

#### Other Experiment Code Markers

#### Color Meanings

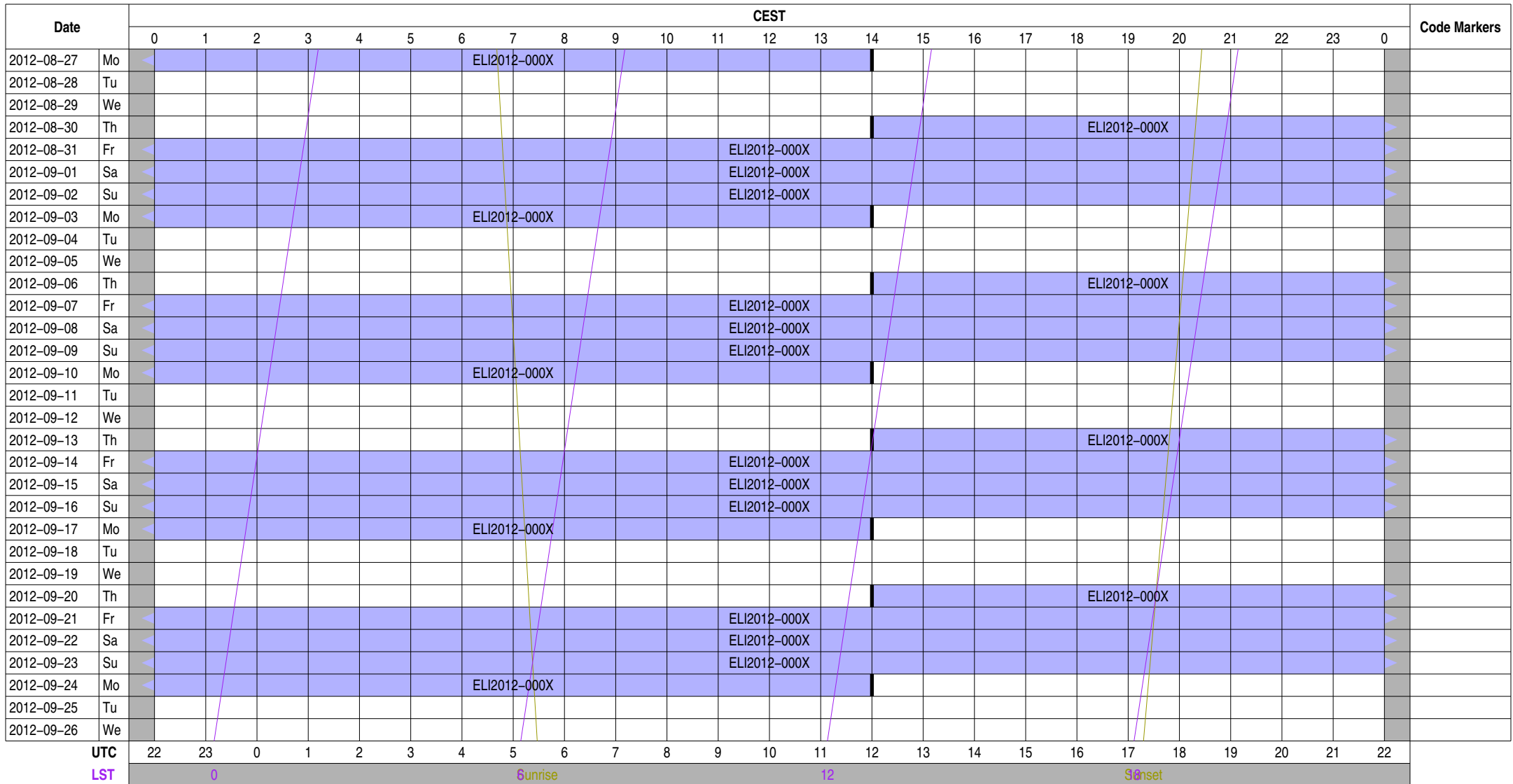
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

# Observing Plan for Station Interferometer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



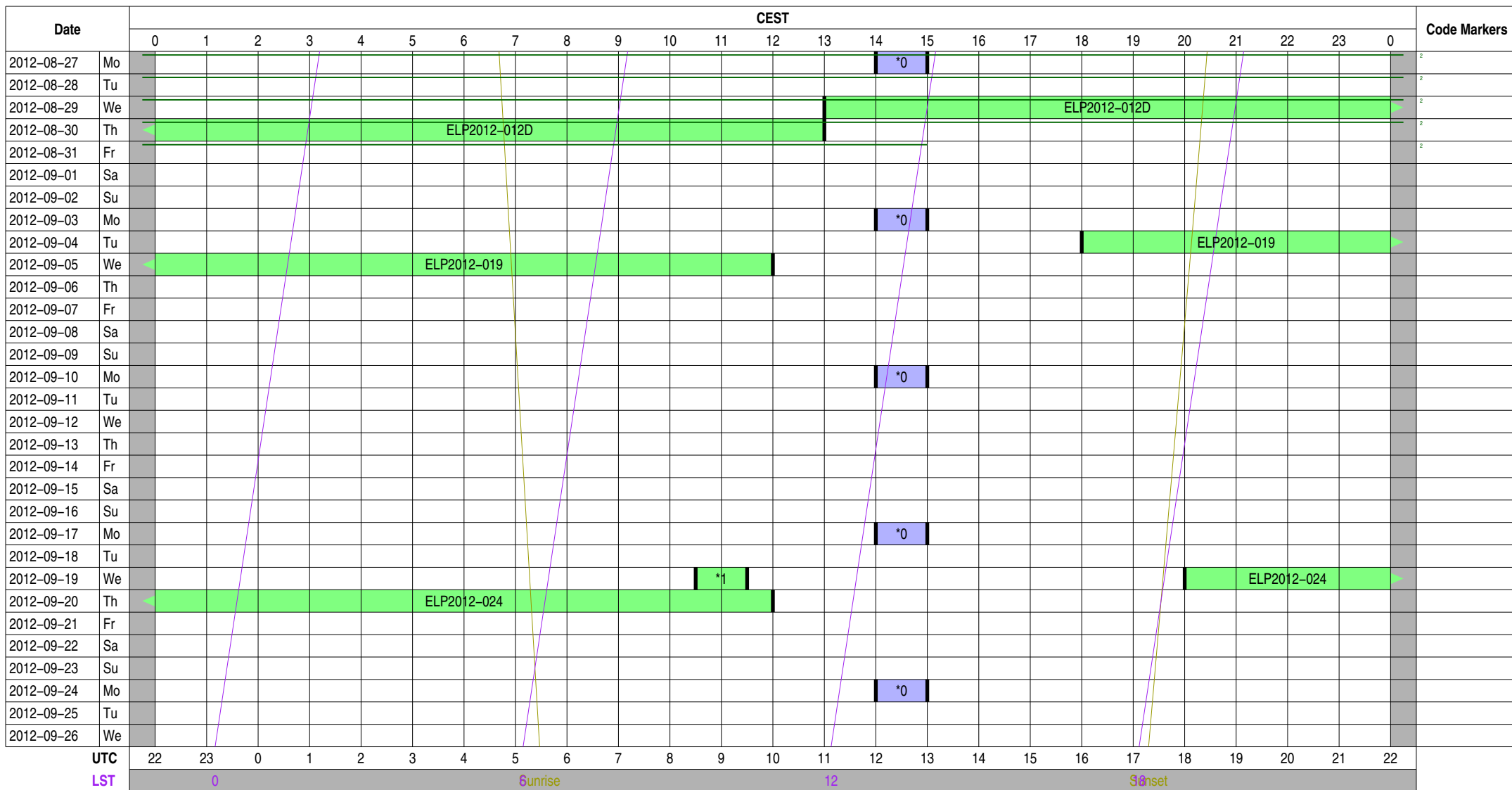
**Normal Experiment Code Markers**

**Other Experiment Code Markers**

**Color Meanings**

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

# Observing Plan for lofar1 Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26



### Normal Experiment Code Markers

- 0 ELI2012-003AT
- 1 ELP2012-023

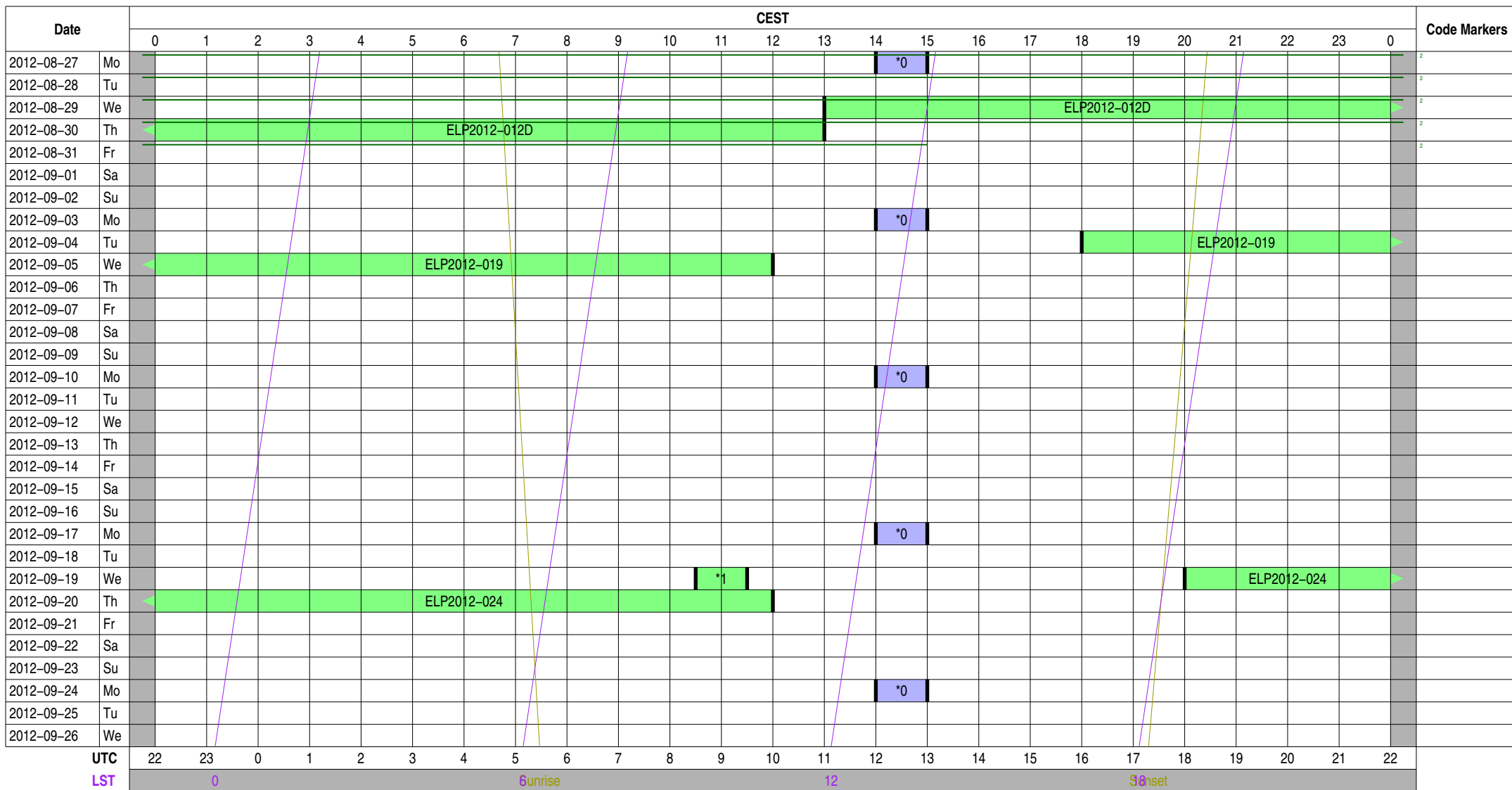
### Other Experiment Code Markers

- 2 ELP2012-008

### Color Meanings

- 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
- Piggyback Control
- Piggyback Without Control
- Experiment Warning
- Override Possible

# Observing Plan for lofar2 Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26



### Normal Experiment Code Markers

- 0 ELP2012-003AT
- 1 ELP2012-023

### Other Experiment Code Markers

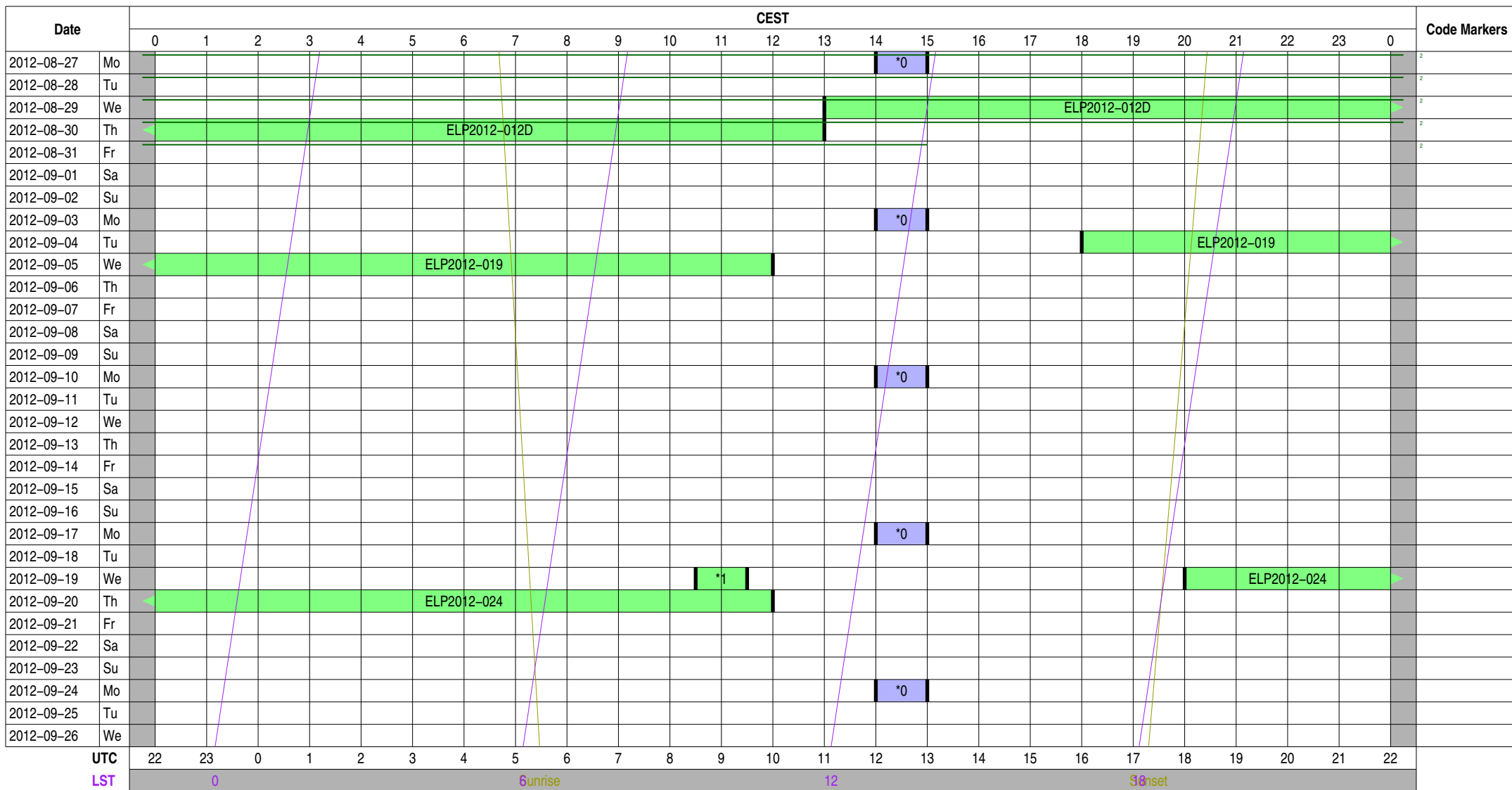
- 2 ELP2012-008

### Color Meanings

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



# Observing Plan for lofar3 Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26



### Normal Experiment Code Markers

- 0 ELP2012-003AT
- 1 ELP2012-023

### Other Experiment Code Markers

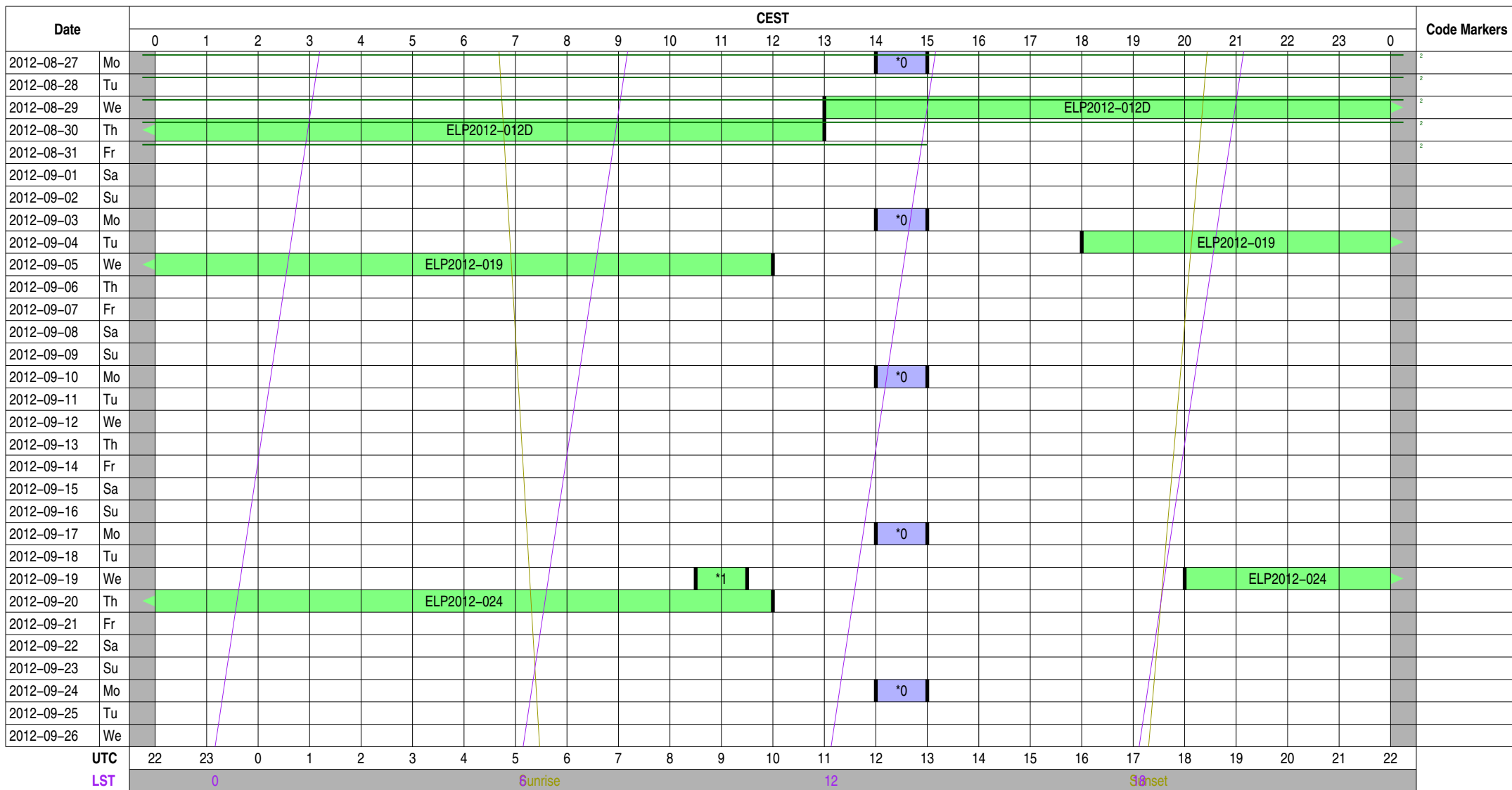
- 2 ELP2012-008

### Color Meanings

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

# Observing Plan for lofar4 Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26

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."



### Normal Experiment Code Markers

- 0 ELP2012-003AT
- 1 ELP2012-023

### Other Experiment Code Markers

- 2 ELP2012-008

### Color Meanings

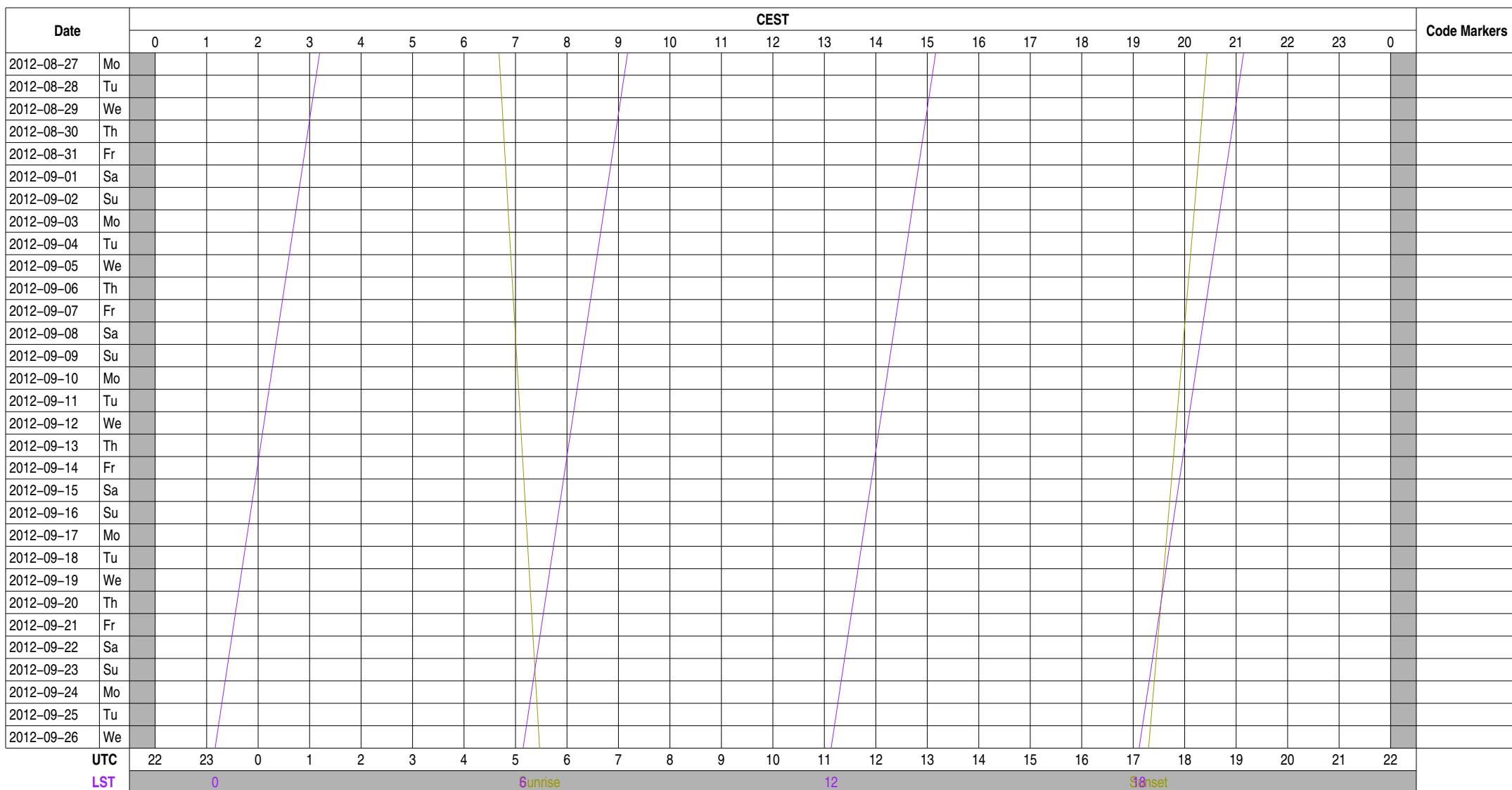
- |                           |                          |                  |                           |
|---------------------------|--------------------------|------------------|---------------------------|
| Science A (Astrometry)    | Science N (AGN)          | Test Observation | Juelich Mode  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

# Observing Plan for Iofar1a Pulsar Computer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



Normal Experiment Code Markers

Other Experiment Code Markers

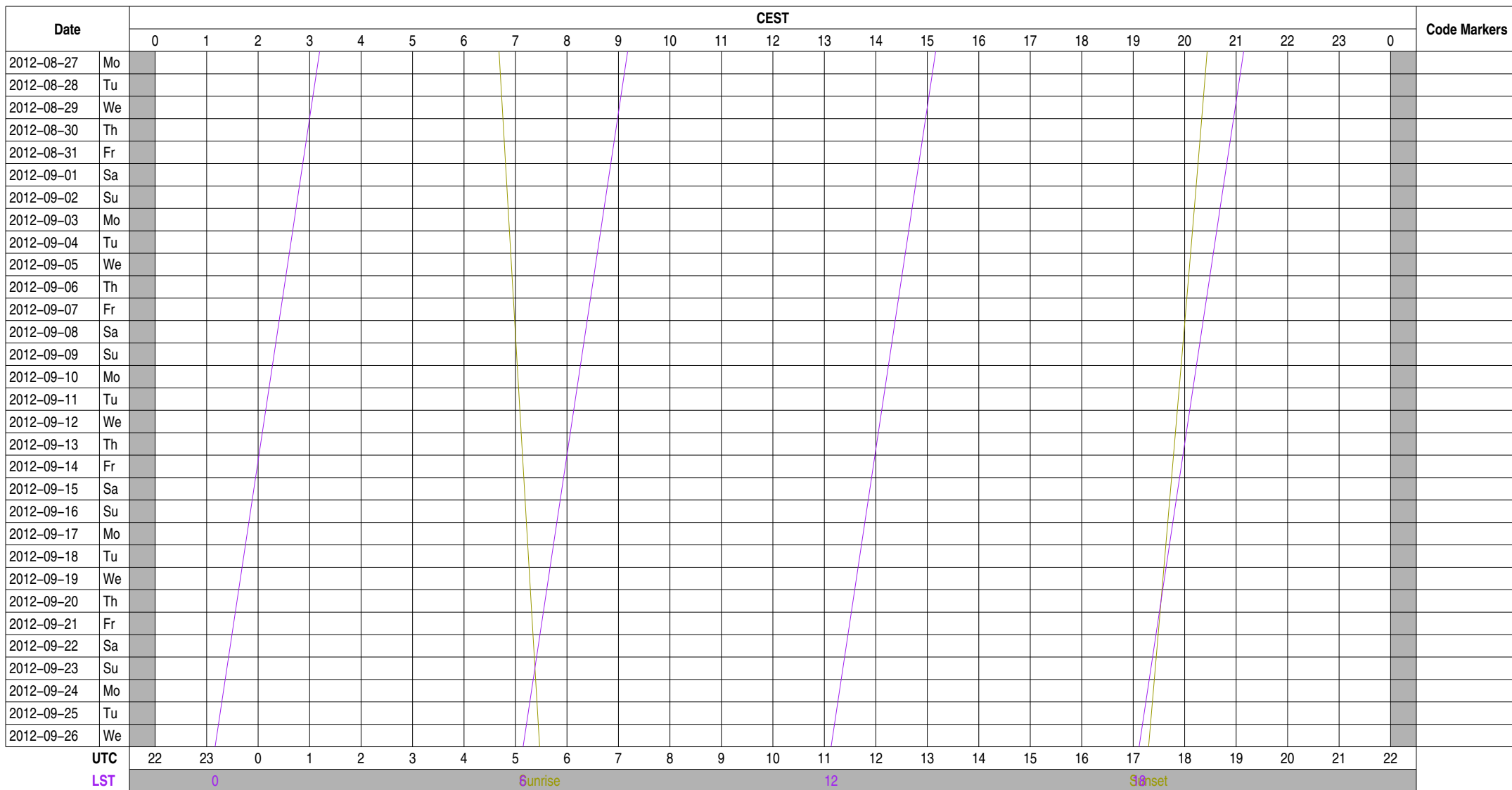
Color Meanings

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

# Observing Plan for Iofar2a Pulsar Computer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26



**Normal Experiment Code Markers**

**Other Experiment Code Markers**

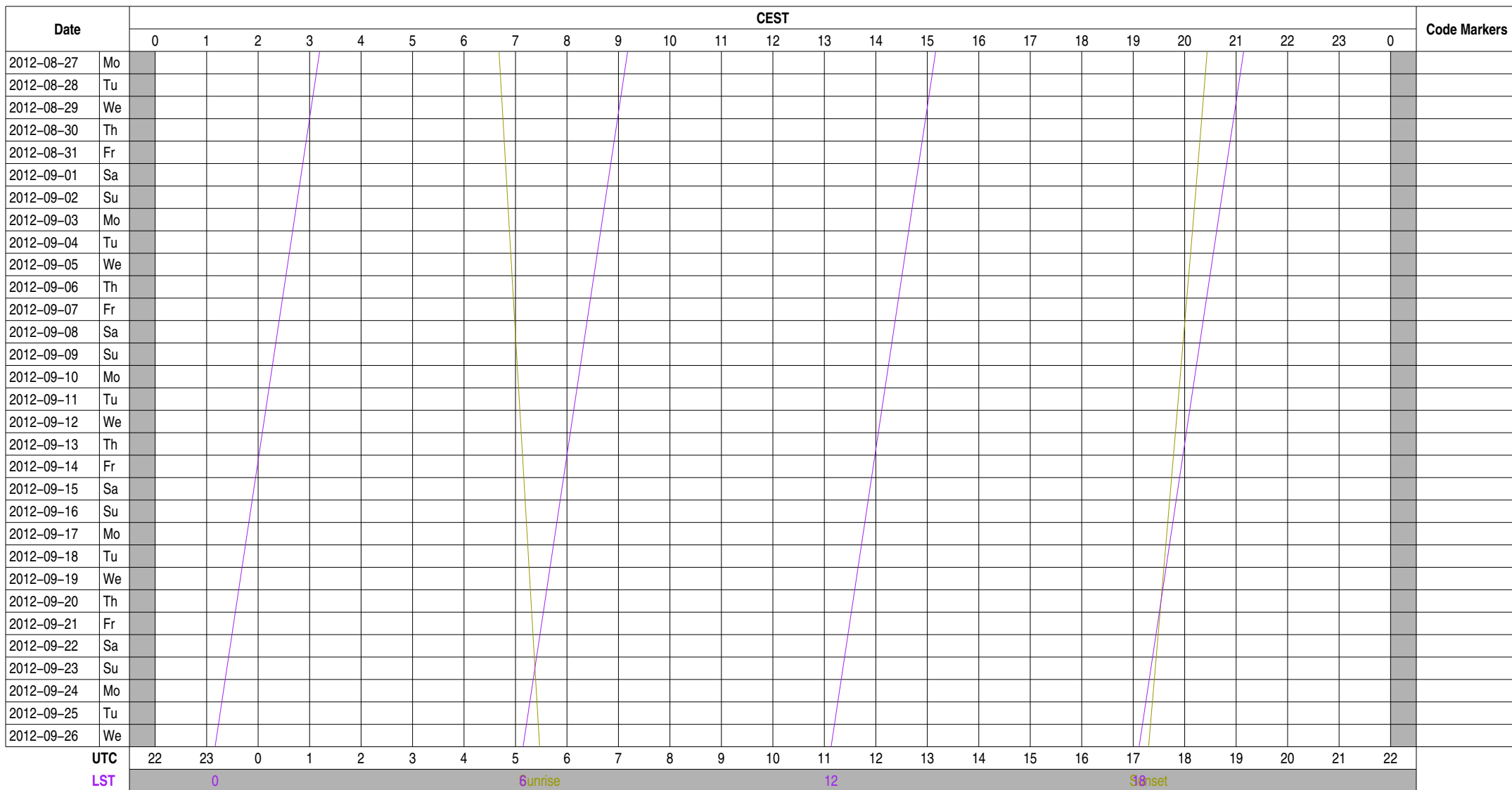
**Color Meanings**

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

# Observing Plan for Iofar3a Pulsar Computer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26



**Normal Experiment Code Markers**

**Other Experiment Code Markers**

**Color Meanings**

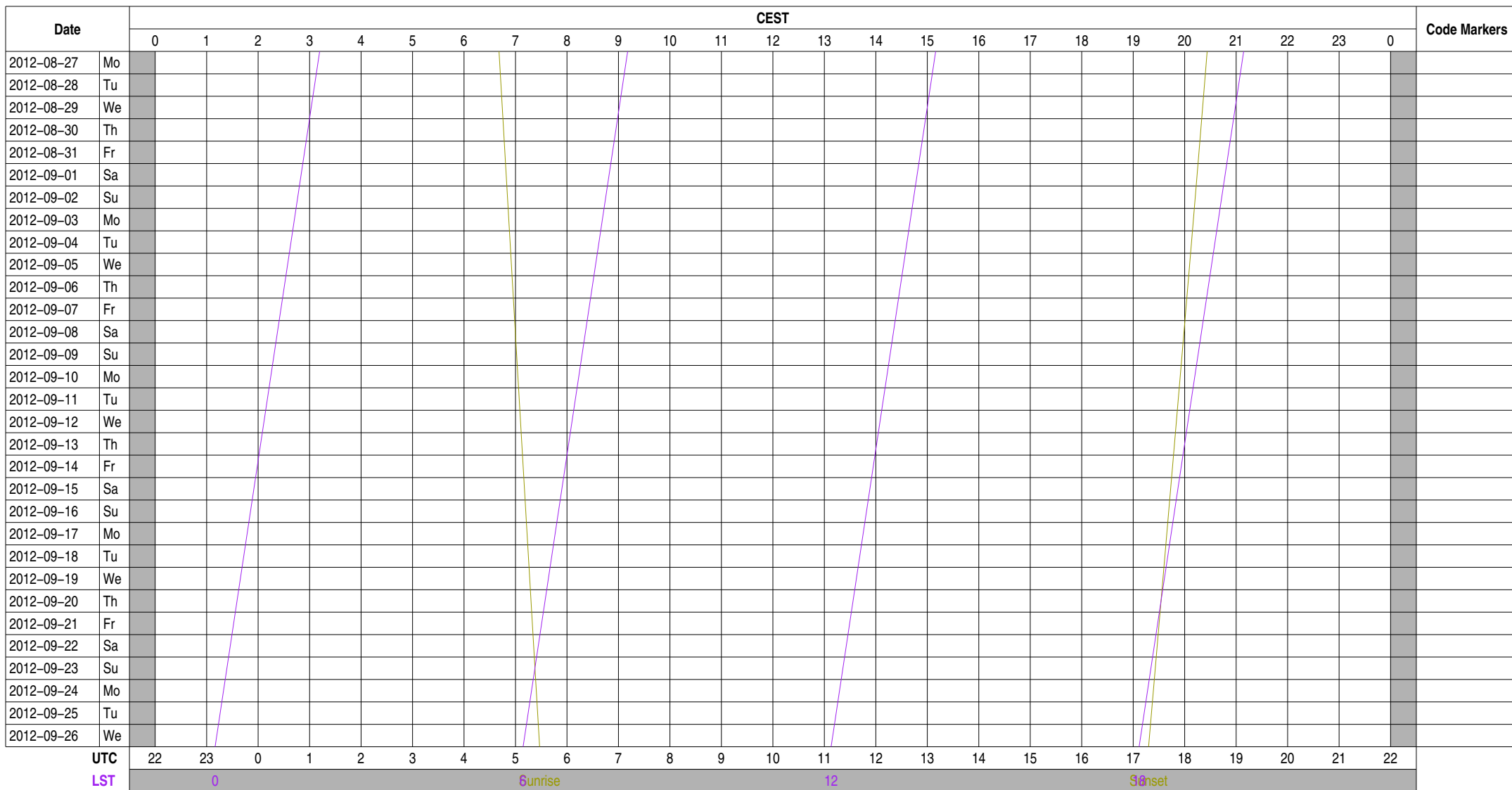
- |                           |                          |                  |                           |
|---------------------------|--------------------------|------------------|---------------------------|
| Science A (Astrometry)    | Science N (AGN)          | Test Observation | Juelich Mode  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

# Observing Plan for Iofar4a Pulsar Computer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

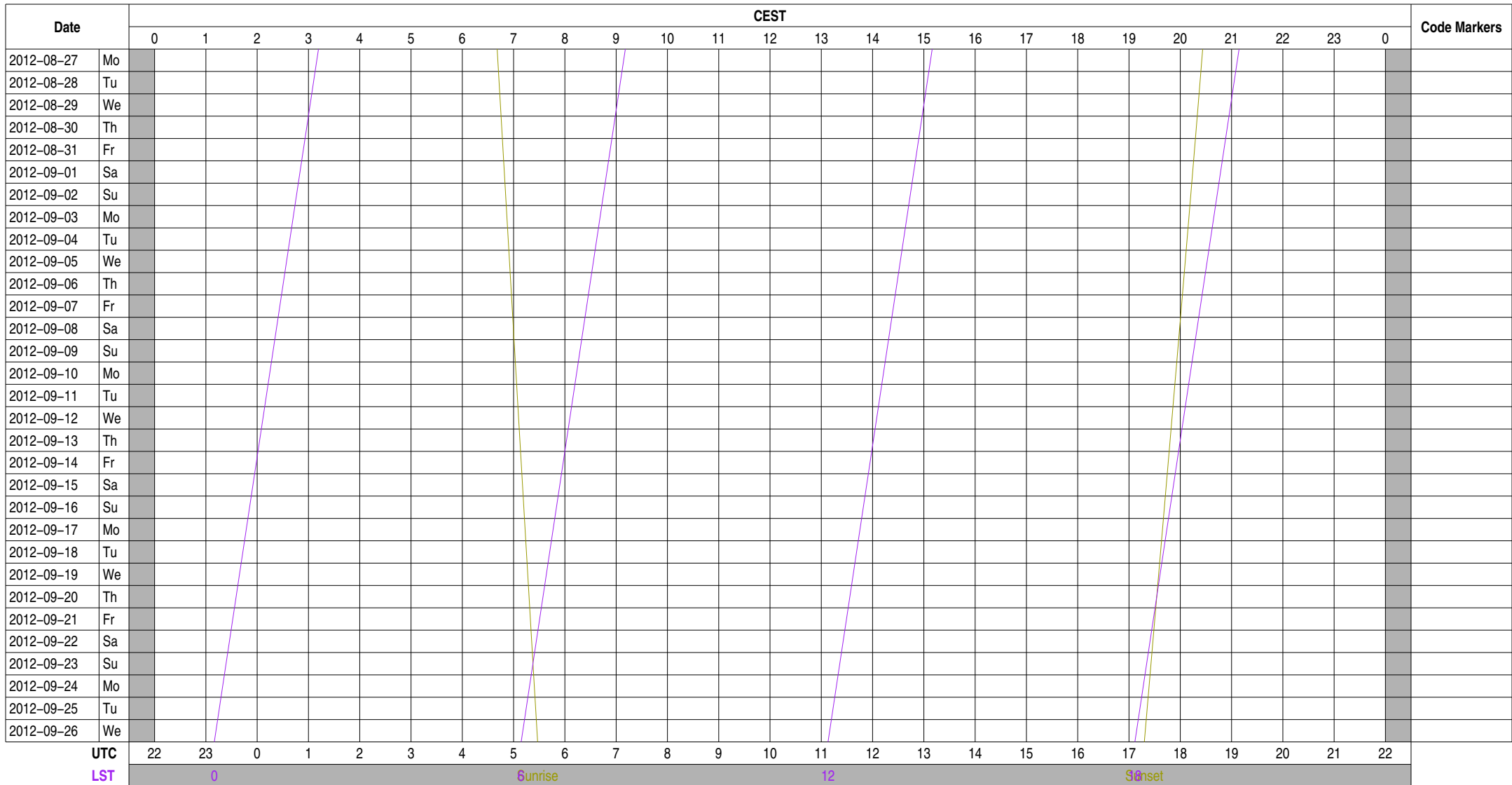
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

# Observing Plan for Iofar1b Recording Computer

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



Normal Experiment Code Markers

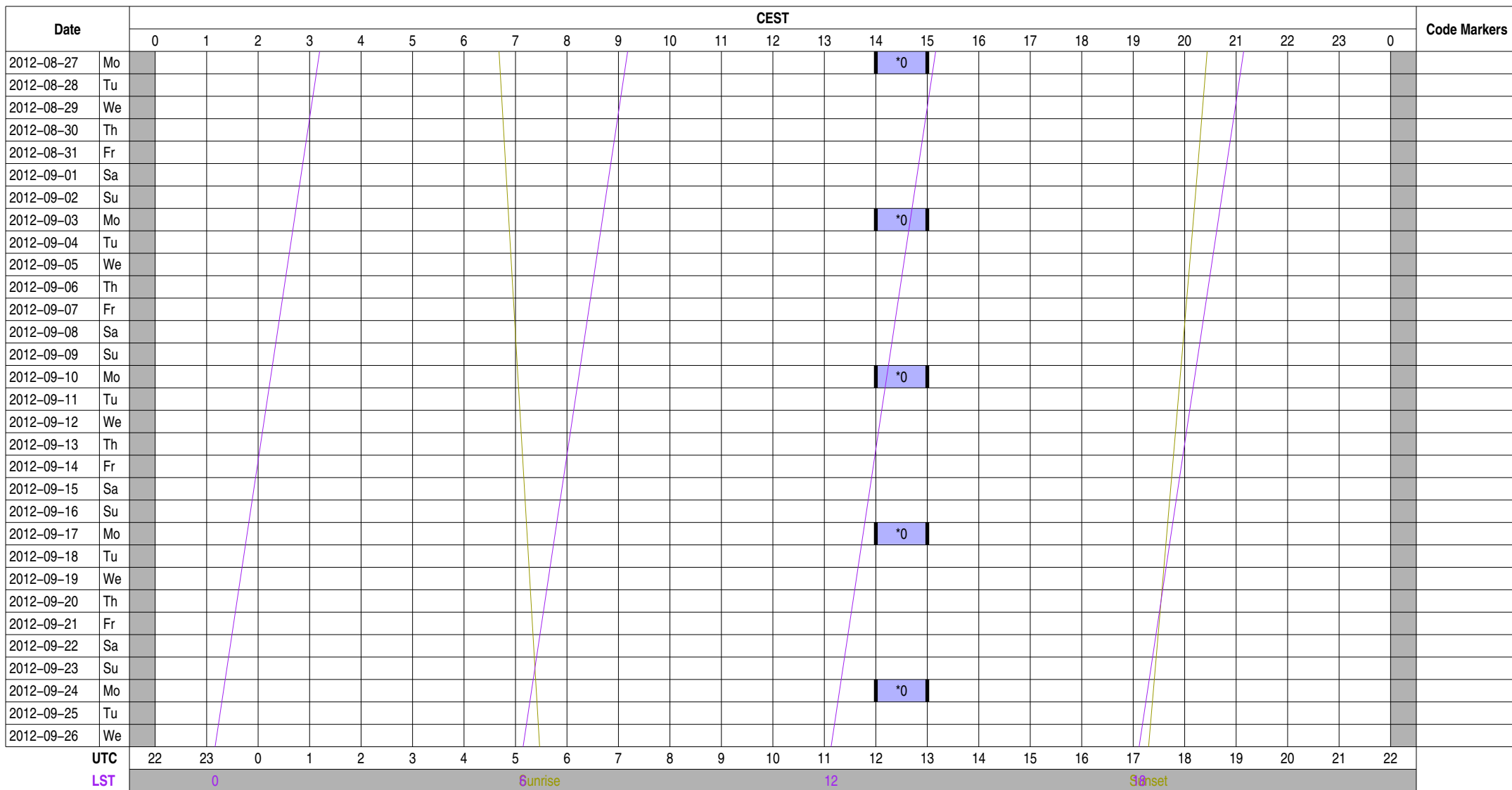
Other Experiment Code Markers

Color Meanings

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

# Observing Plan for Iofarx Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26

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."



**Normal Experiment Code Markers**

0 ELI2012-003AT

**Other Experiment Code Markers**

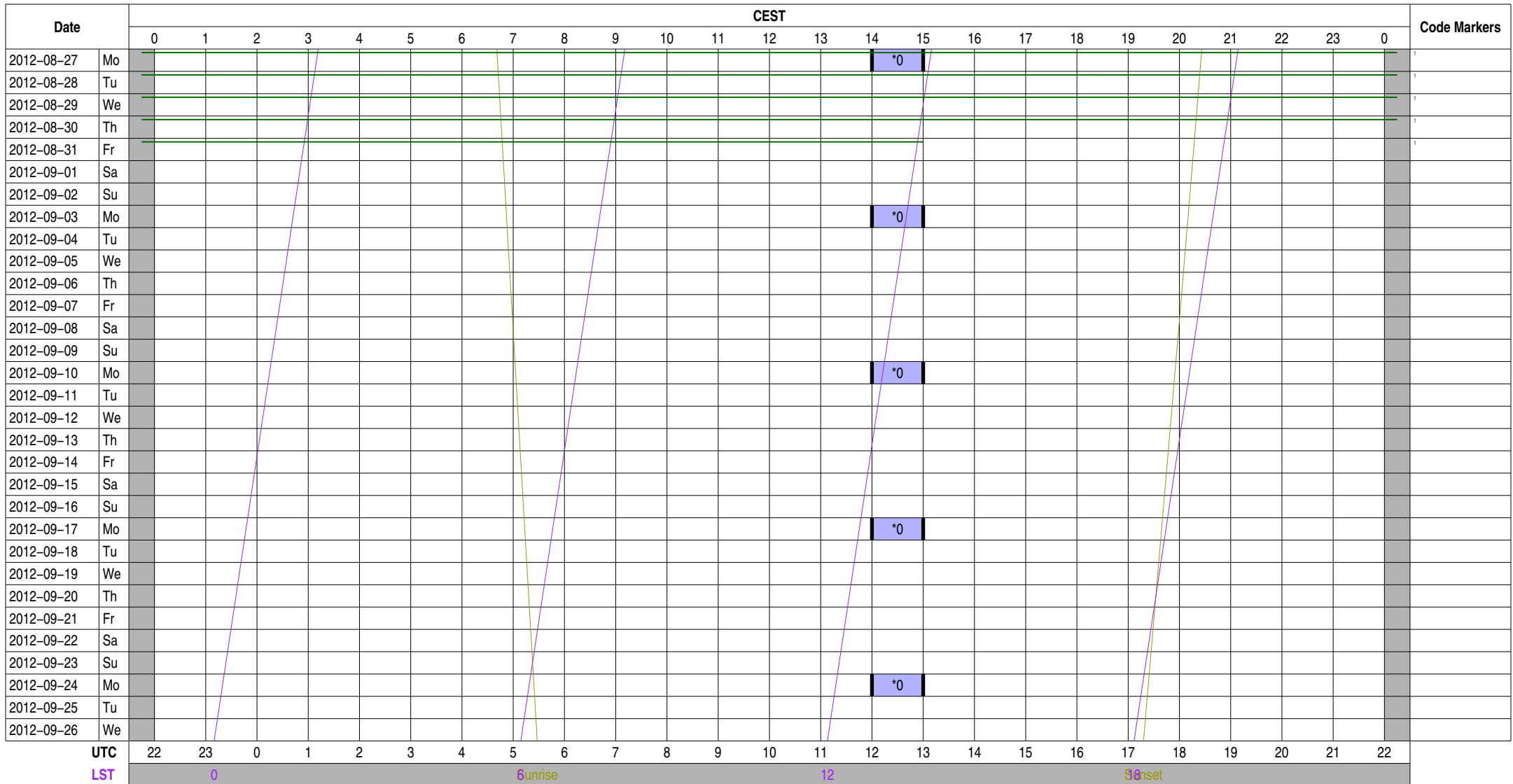
**Color Meanings**

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



# Observing Plan for Iofarsrv Computer MPIfR Effelsberg LOFAR Station 2012-08-27 through 2012-09-26

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."



**Normal Experiment Code Markers**

0 ELI2012-003AT

**Other Experiment Code Markers**

1 ELP2012-008

**Color Meanings**

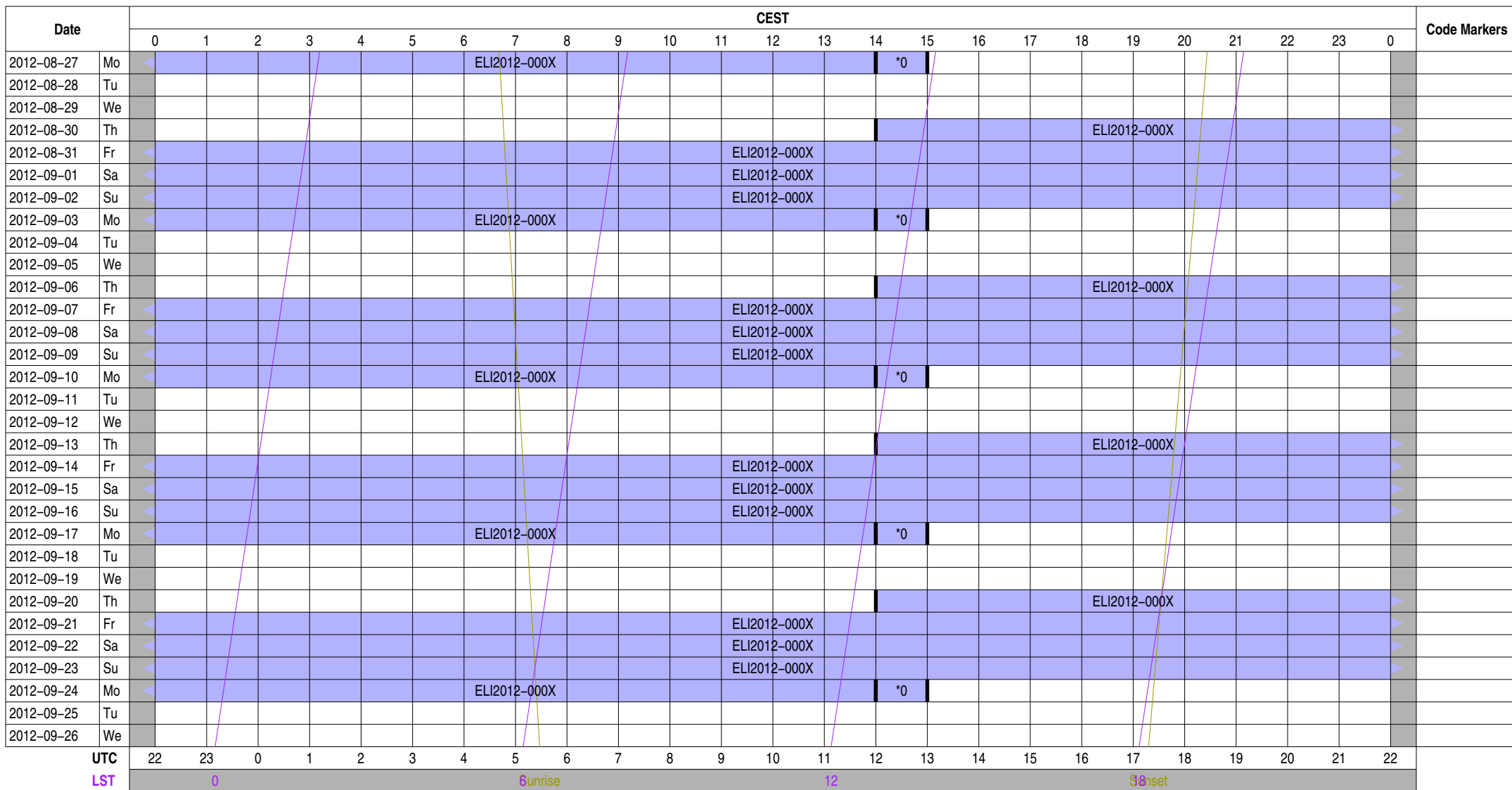
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

# Observing Plan for LOFAR Fiber Connection

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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."



#### Normal Experiment Code Markers

0 ELI2012-003AT

#### Other Experiment Code Markers

#### Color Meanings

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

# Observing Plan for Operator On-Duty

## MPIfR Effelsberg LOFAR Station

### 2012-08-27 through 2012-09-26

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
2012-08-27	Mo												ELD2012-002A													
2012-08-28	Tu												ELD2012-002A													
2012-08-29	We												ELD2012-002A													
2012-08-30	Th												ELD2012-002A													
2012-08-31	Fr												ELD2012-002A													
2012-09-01	Sa												ELD2012-002A													
2012-09-02	Su												ELD2012-002A													
2012-09-03	Mo												ELD2012-002A													
2012-09-04	Tu												ELD2012-002A													
2012-09-05	We												ELD2012-002A													
2012-09-06	Th												ELD2012-002A													
2012-09-07	Fr												ELD2012-002A													
2012-09-08	Sa												ELD2012-002A													
2012-09-09	Su												ELD2012-002A													
2012-09-10	Mo												ELD2012-002A													
2012-09-11	Tu												ELD2012-002A													
2012-09-12	We												ELD2012-002A													
2012-09-13	Th												ELD2012-002A													
2012-09-14	Fr												ELD2012-002A													
2012-09-15	Sa												ELD2012-002A													
2012-09-16	Su												ELD2012-002A													
2012-09-17	Mo												ELD2012-002A													
2012-09-18	Tu												ELD2012-002A													
2012-09-19	We												ELD2012-002A													
2012-09-20	Th												ELD2012-002A													
2012-09-21	Fr												ELD2012-002A													
2012-09-22	Sa												ELD2012-002A													
2012-09-23	Su												ELD2012-002A													
2012-09-24	Mo												ELD2012-002A													
2012-09-25	Tu												ELD2012-002A													
2012-09-26	We												ELD2012-002A													
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			0						Sunrise						12						Sunset					

Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

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

## Experiment Information for Normal Observations

<b>ELI2012-000</b>	<b>Anderson, 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>
ELI2012-000	Anderson, ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2012-000	Anderson, ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2012-000	Anderson, ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2012-000	Anderson, ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
<b>ELI2012-003</b>	<b>Anderson, Kuniyoshi, Horneffer</b>	<b>lofar-ops@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 356</b>	<b>Handover operations for local to ILT mode</b>
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
ELI2012-003	Anderson, Kuniyoshi, Horneffer	lofar-ops@mpi-fr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode
<b>ELP2012-012</b>	<b>Kuniyoshi</b>	<b>mkuniyos@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>testing 244 subbands simultaneously</b>
ELP2012-012	Kuniyoshi	mkuniyos@mpi-fr-bonn.mpg.de	+49 228 525 505	testing 244 subbands simultaneously
<b>ELP2012-019</b>	<b>Kuniyoshi, Verbiest</b>	<b>mkuniyos@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>pulsar timing and DM</b>
ELP2012-019	Kuniyoshi, Verbiest	mkuniyos@mpi-fr-bonn.mpg.de	+49 228 525 505	pulsar timing and DM
<b>ELP2012-023</b>	<b>Kuniyoshi, Verbiest</b>	<b>mkuniyos@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>test detecting millisecond pulsar</b>
ELP2012-023	Kuniyoshi, Verbiest	mkuniyos@mpi-fr-bonn.mpg.de	+49 228 525 505	test detecting millisecond pulsar
<b>ELP2012-024</b>	<b>Kuniyoshi, Verbiest</b>	<b>mkuniyos@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 505</b>	<b>pulsar DM variations</b>
ELP2012-024	Kuniyoshi, Verbiest	mkuniyos@mpi-fr-bonn.mpg.de	+49 228 525 505	pulsar DM variations
<b>ELT2012-001</b>	<b>Wucknitz</b>	<b>wucknitz@mpi-fr-bonn.mpg.de</b>	<b>73-1772</b>	<b>testing station beamforming</b>
ELT2012-001	Wucknitz	wucknitz@mpi-fr-bonn.mpg.de	73-1772	testing station beamforming
<b>ELT2012-003</b>	<b>Wucknitz</b>	<b>wucknitz@mpi-fr-bonn.mpg.de</b>	<b>+49 228 525 418</b>	<b>testing station beamforming</b>
ELT2012-003	Wucknitz	wucknitz@mpi-fr-bonn.mpg.de	+49 228 525 418	testing station beamforming

## Experiment Information for Other Actions

ELP2012-008	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	development of software and data analysis
ELP2012-008	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	development of software and data analysis

# Experiment Information for Operator On-Duty Schedule

ELD2012-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler
ELD2012-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler











