

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31

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	
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 LST 12 Sunrise 18 Sunset 0 6

Normal Experiment Code Markers

Other Experiment Code Markers

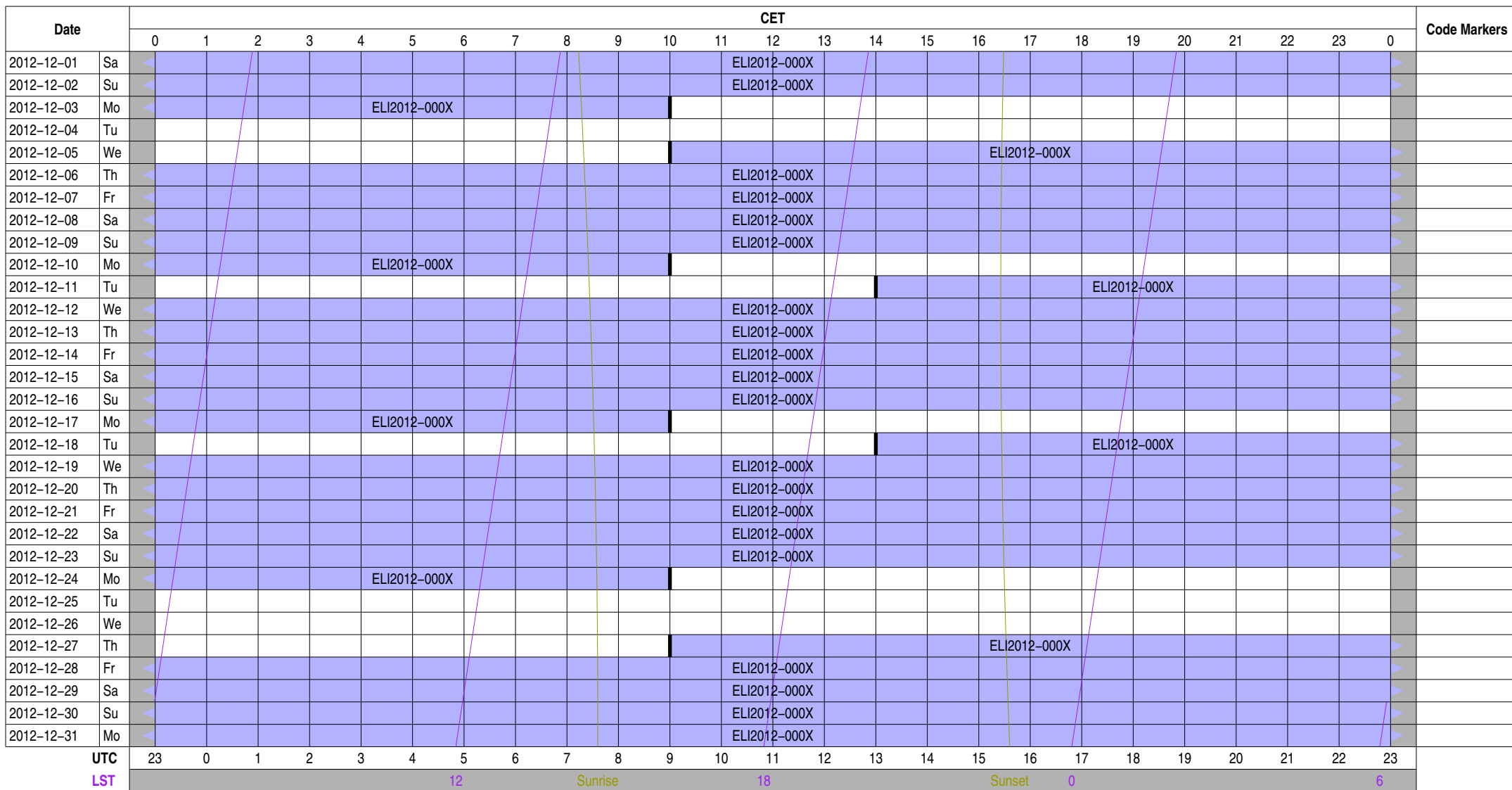
Color Meanings

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 Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31



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 2012-12-01 through 2012-12-31

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Date	CET																								Code Markers	
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Normal Experiment Code Markers

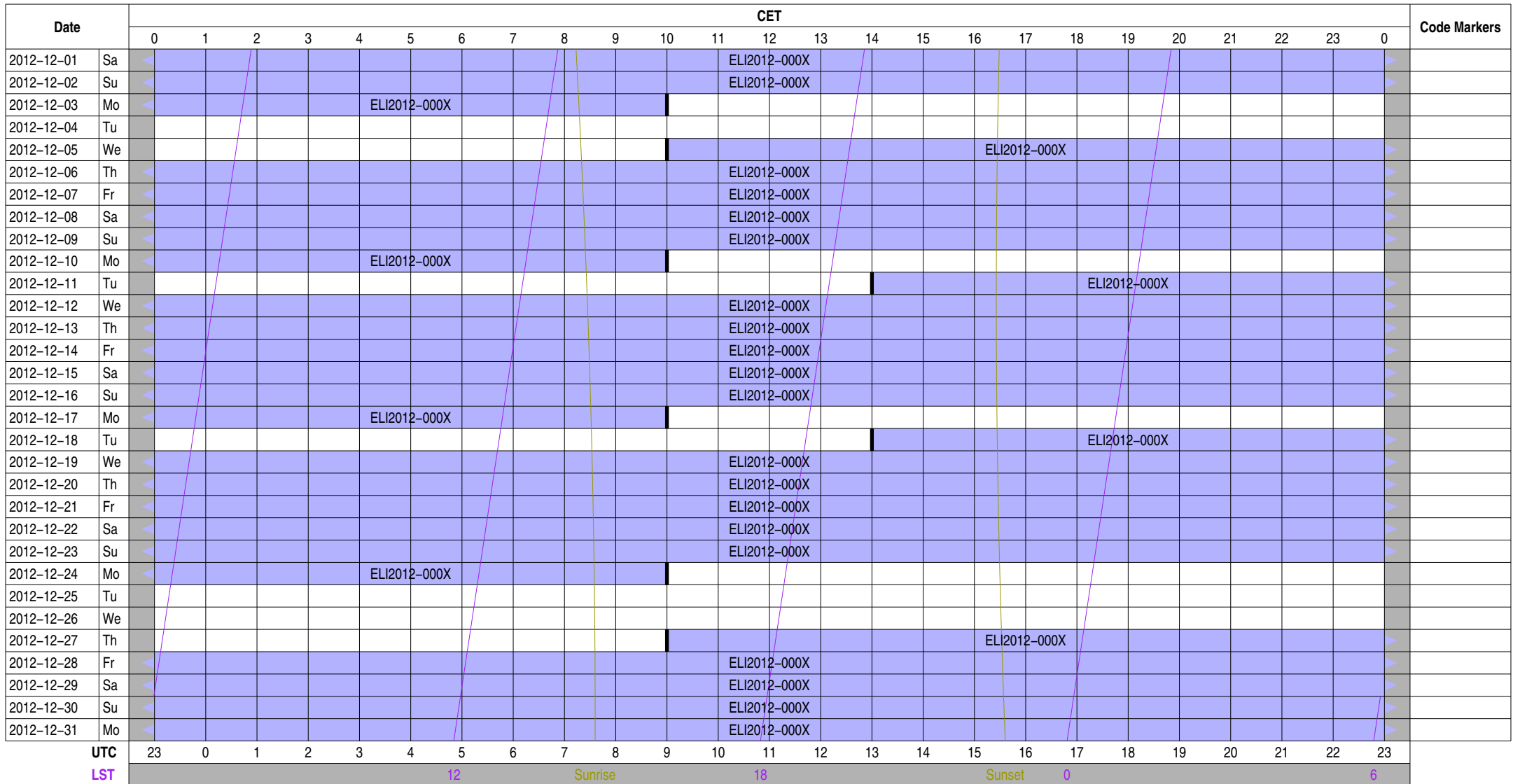
Other Experiment Code Markers

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 Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

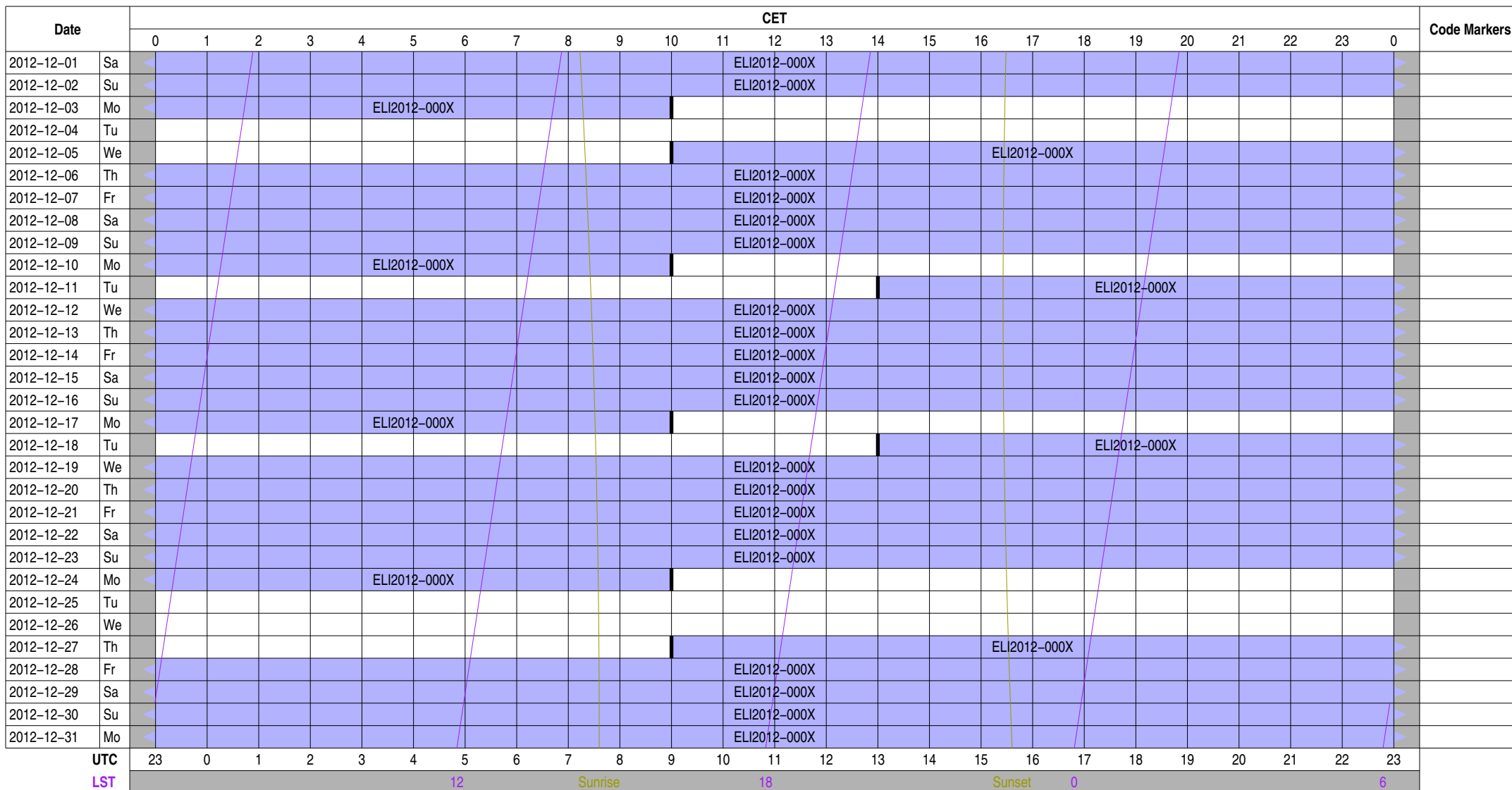
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|---------------------------|--------------------------|------------------|---------------------------|
| Science A (Astrometry) | Science N (AGN) | Test Observation | Juelich Mode |
| Science C (Cosmology) | Science O (Other) | Maintenance Mode | 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

2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

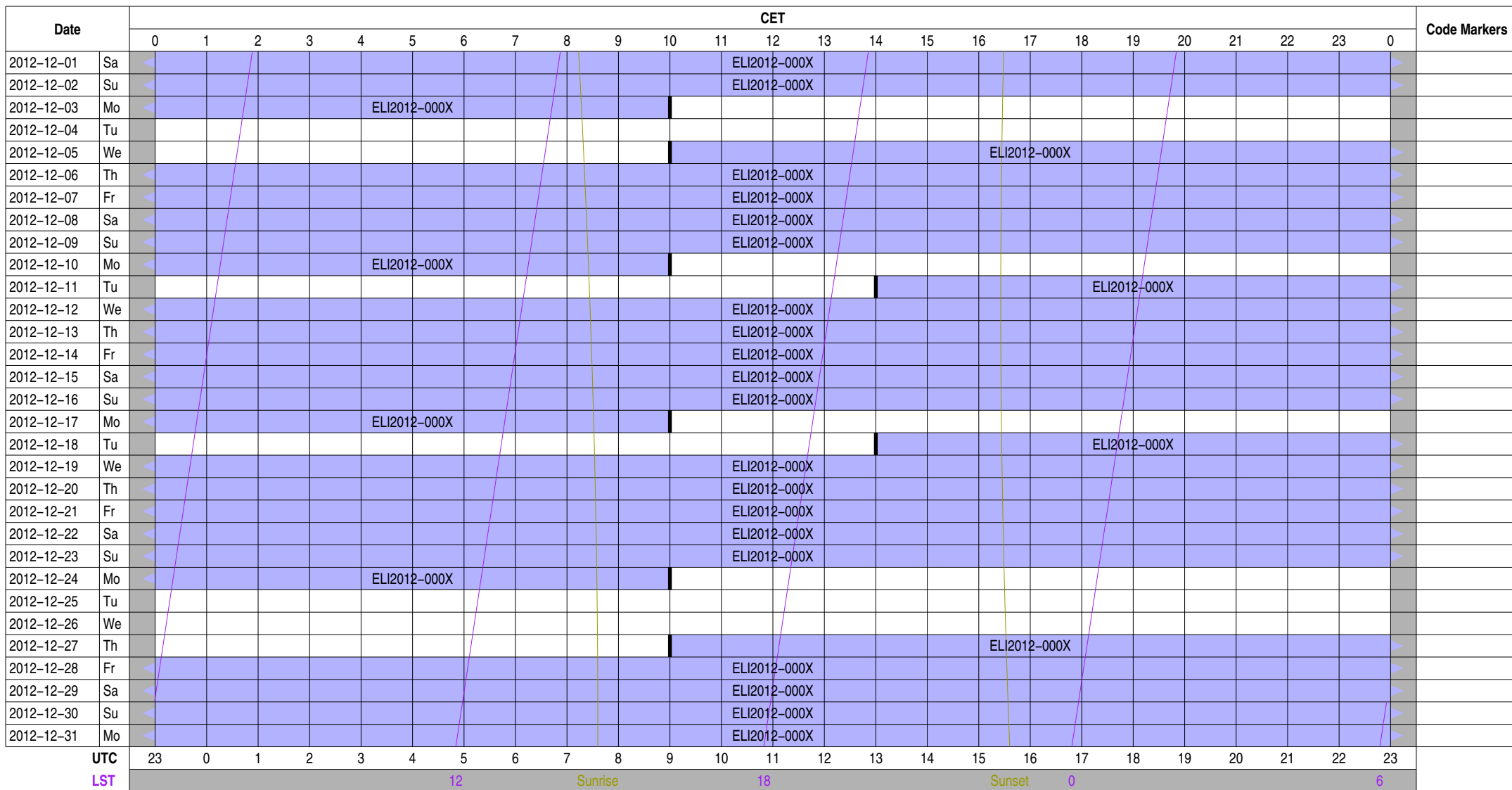
Other Experiment Code Markers

Color Meanings

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|---------------------------|--------------------------|------------------|---------------------------|
| 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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

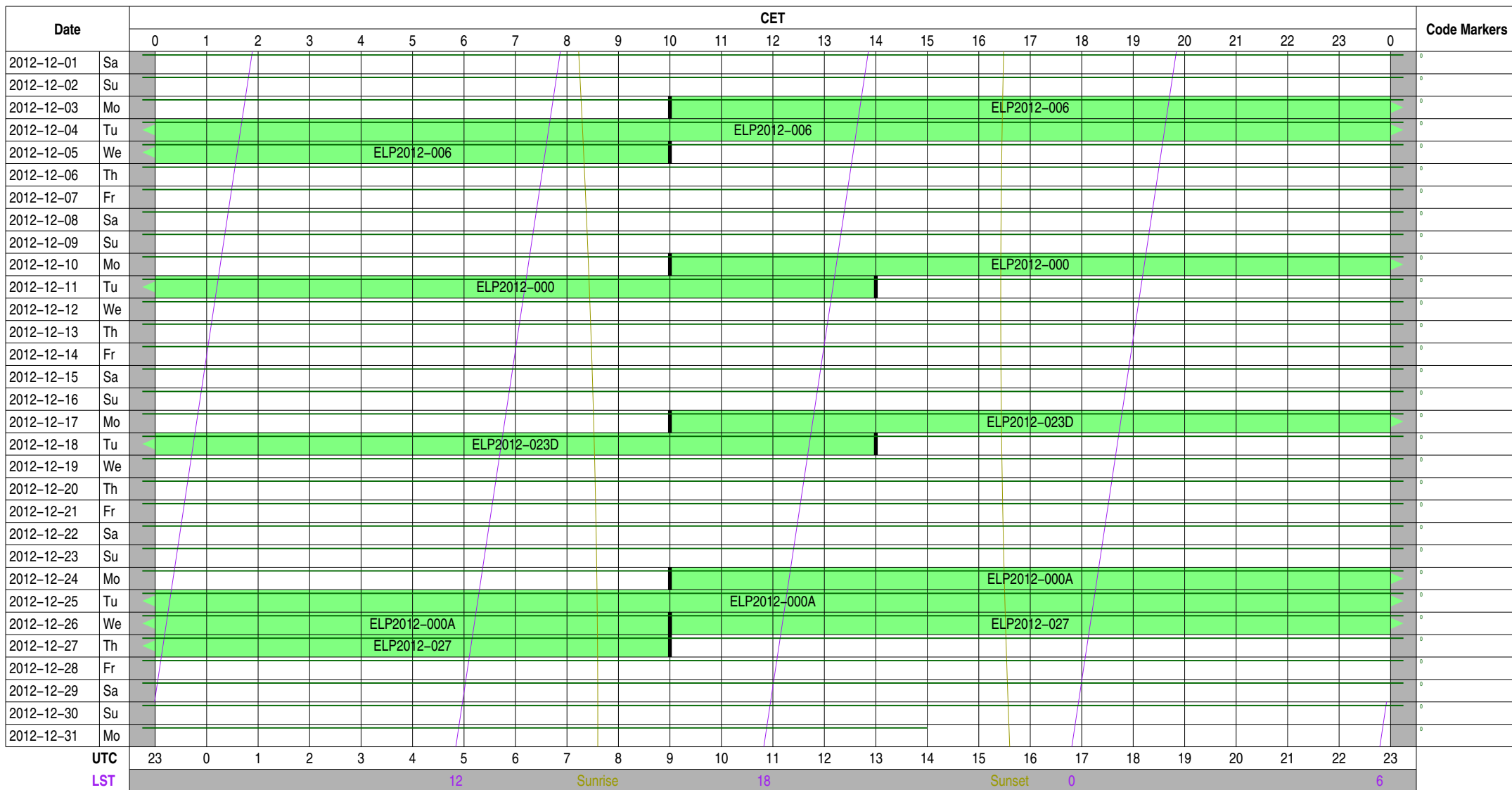
Other Experiment Code Markers

Color Meanings

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|---------------------------|--------------------------|------------------|---------------------------|
| 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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

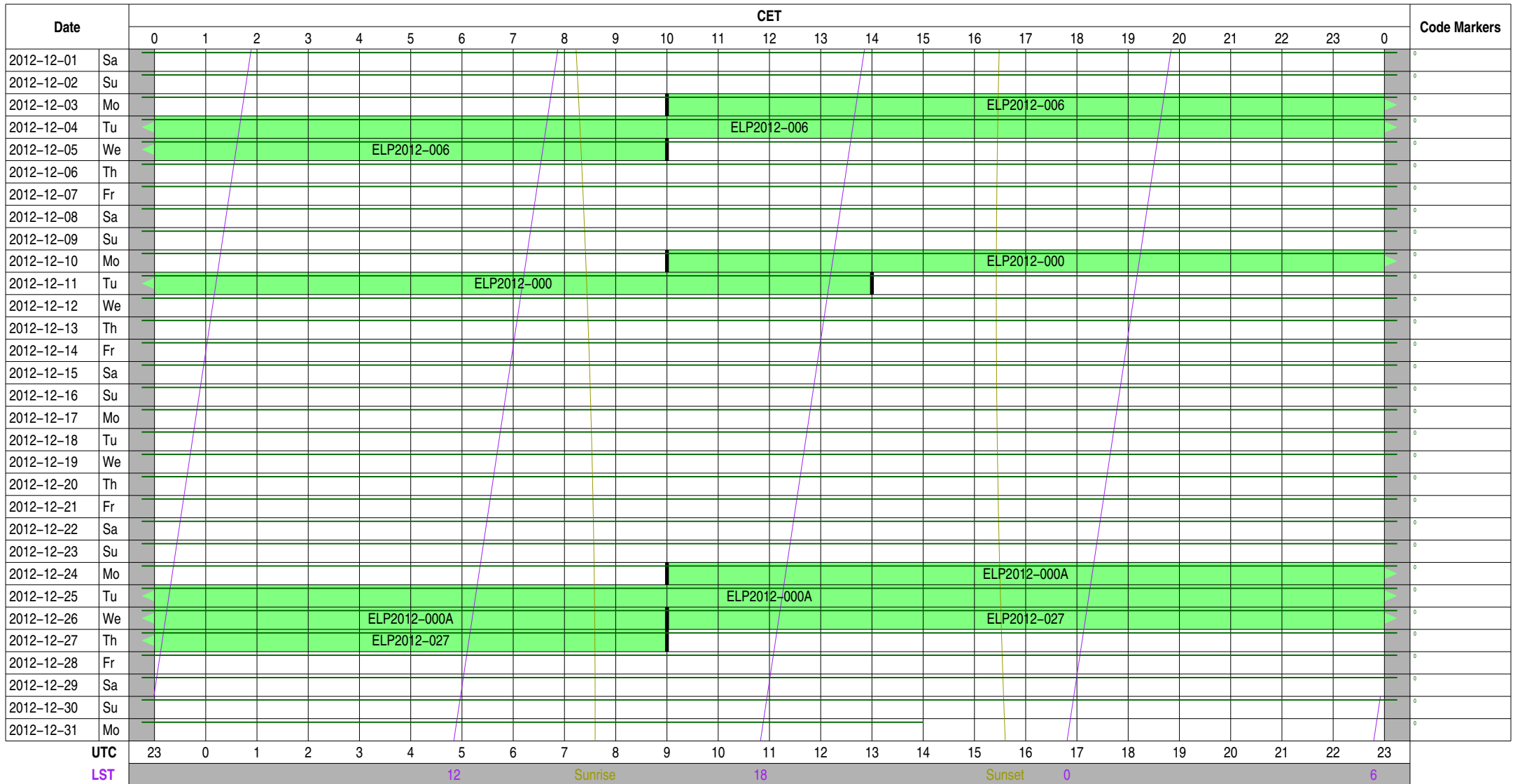
0 ELP2012-008

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 lofar2 Computer MPIfR Effelsberg LOFAR Station 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

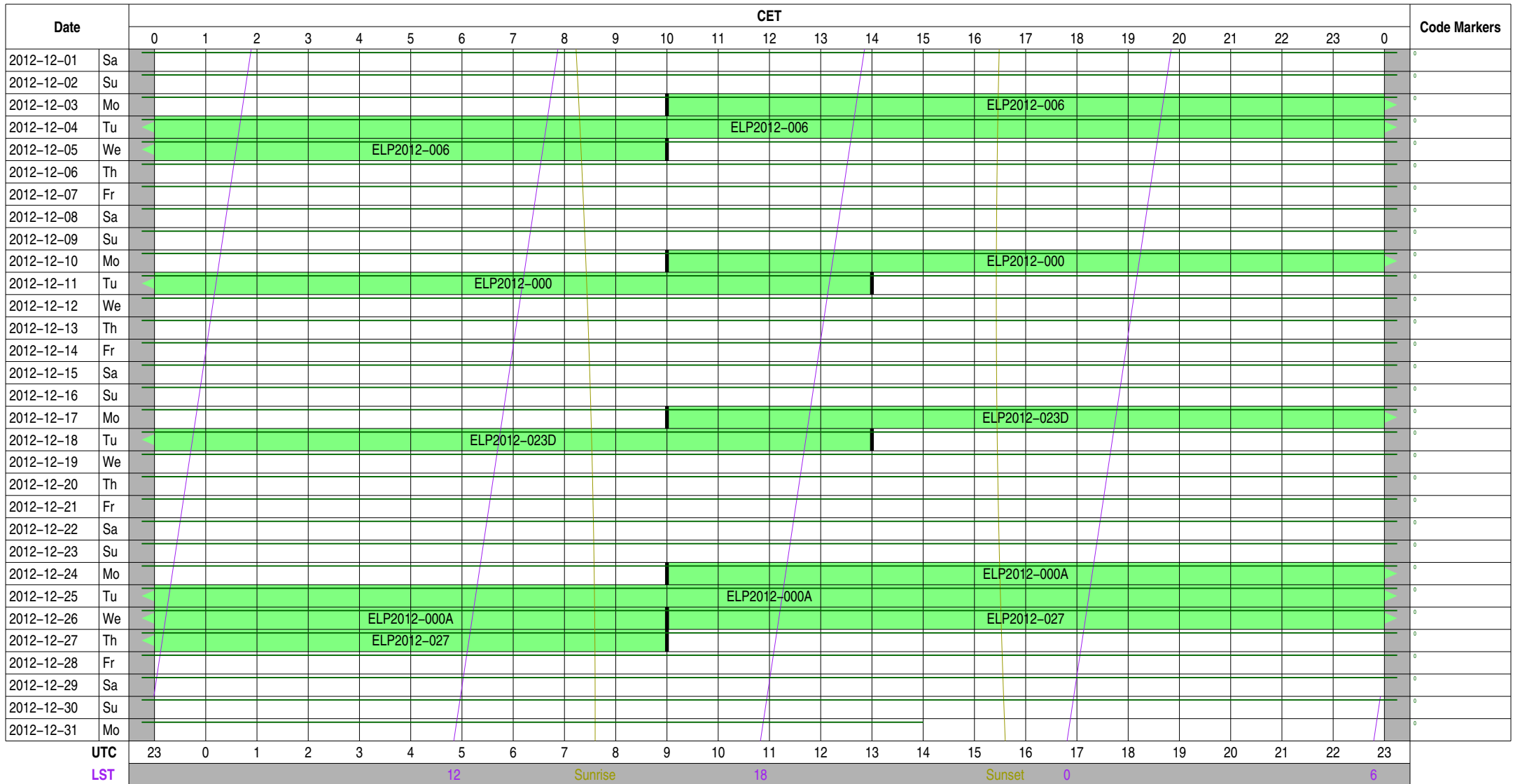
0 ELP2012-008

Color Meanings

- | | | | |
|---------------------------|--------------------------|------------------|---------------------------|
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| 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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

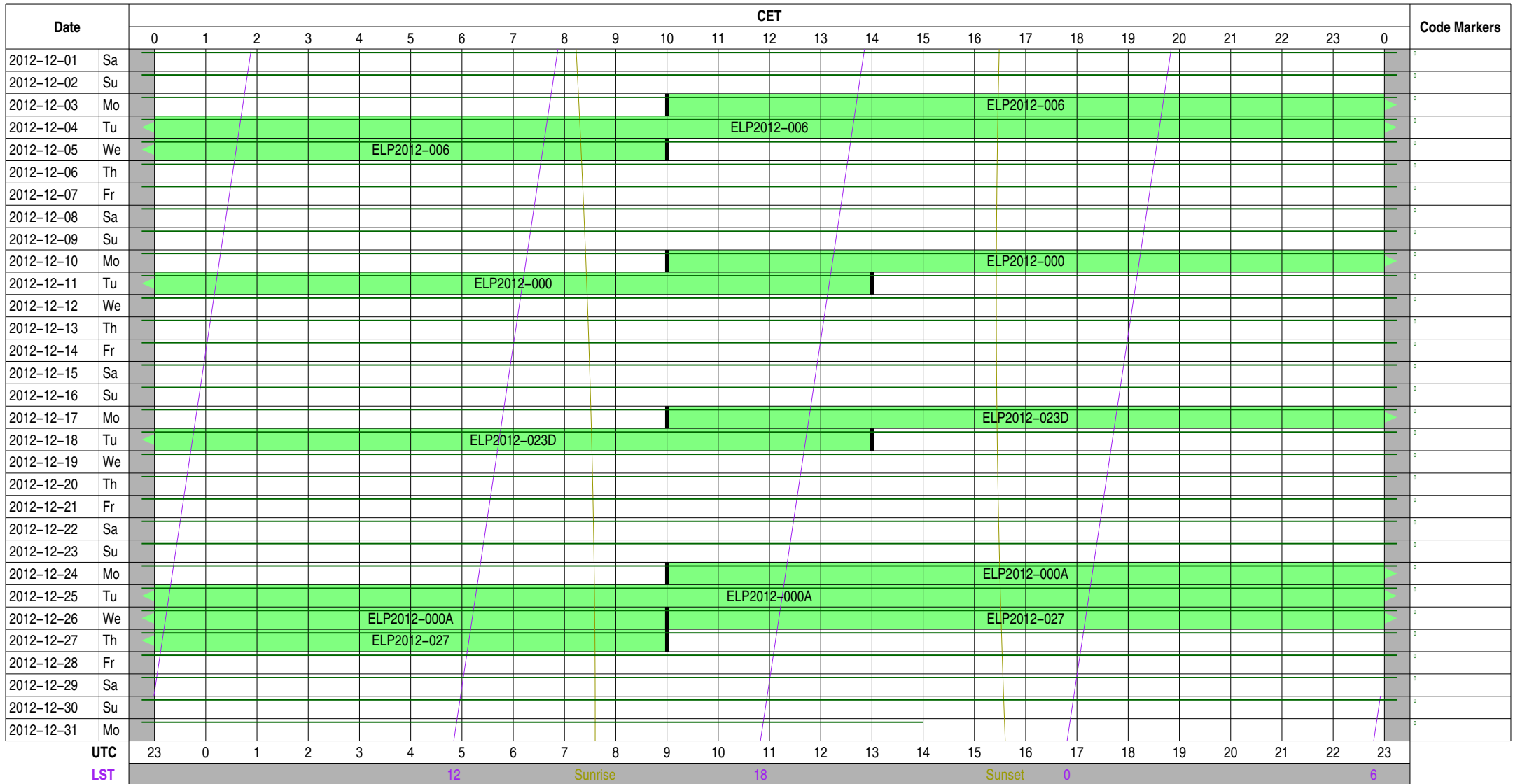
0 ELP2012-008

Color Meanings

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|---------------------------|--------------------------|------------------|---------------------------|
| 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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

0 ELP2012-008

Color Meanings

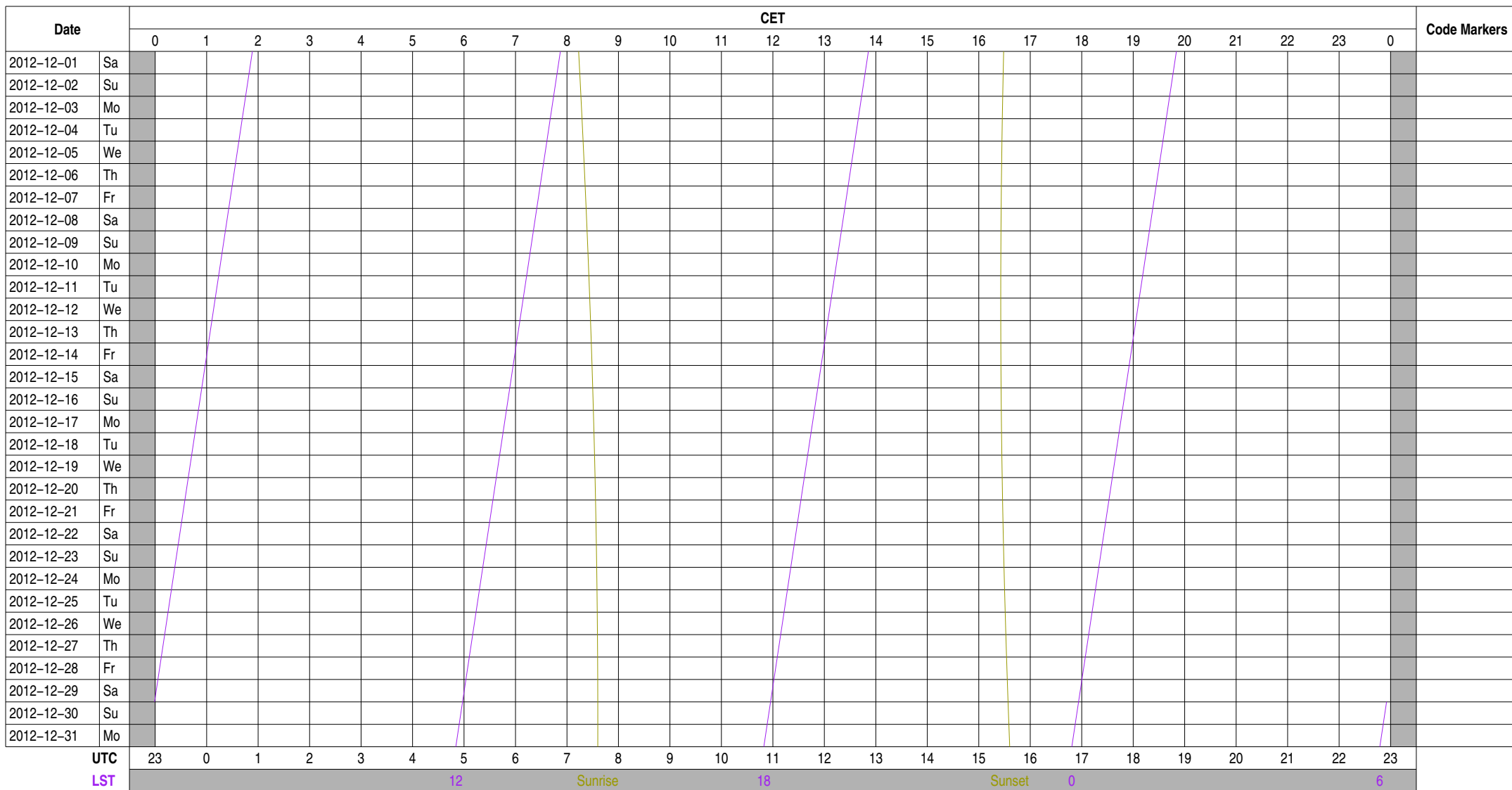
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| Science A (Astrometry) | Science N (AGN) | Test Observation | Juelich Mode |
| Science C (Cosmology) | Science O (Other) | Maintenance Mode | Piggyback Control |
| Science E (Extragalactic) | Science P (Pulsar) | ILT Mode | Piggyback Without Control |
| 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

2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

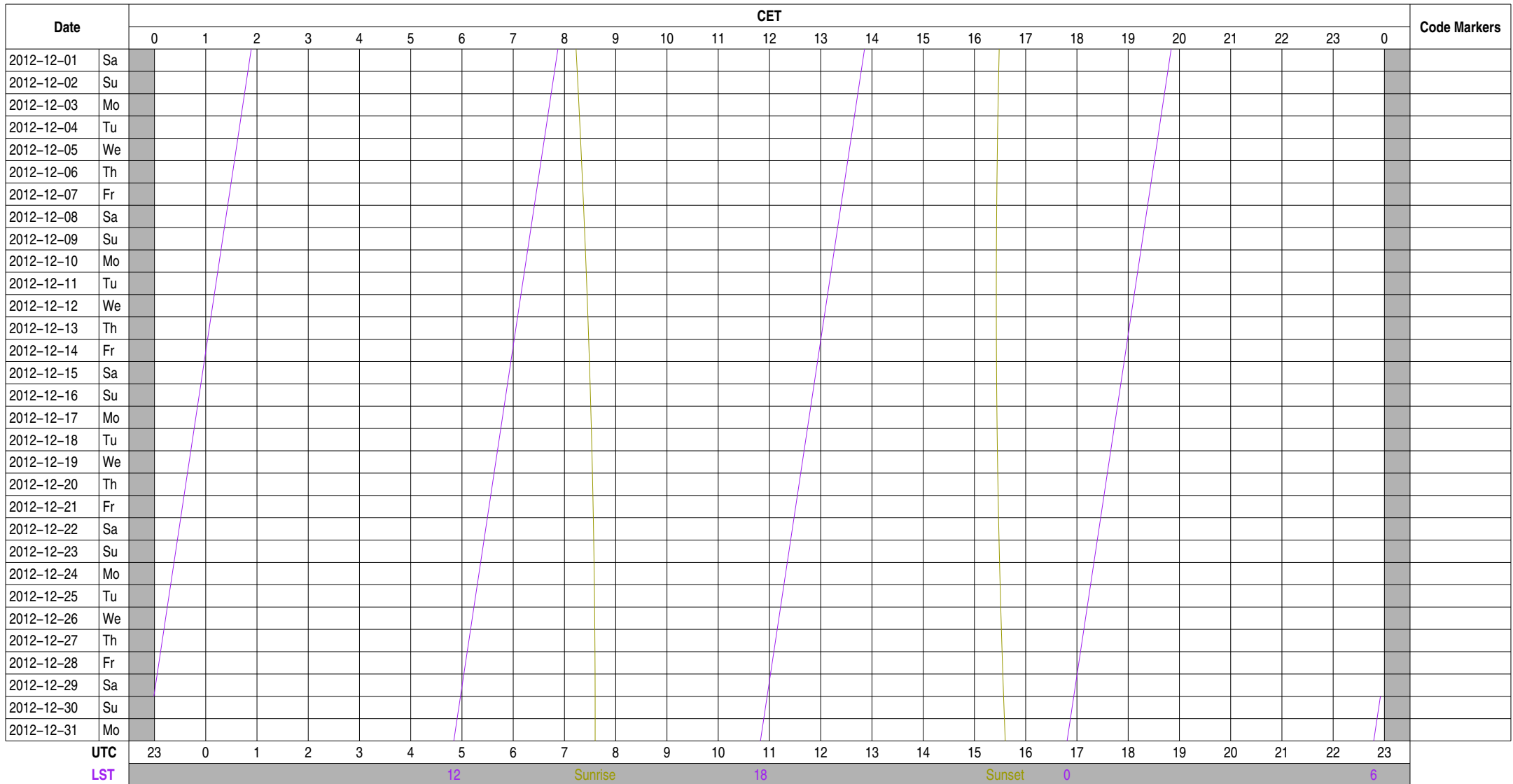
Other Experiment Code Markers

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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

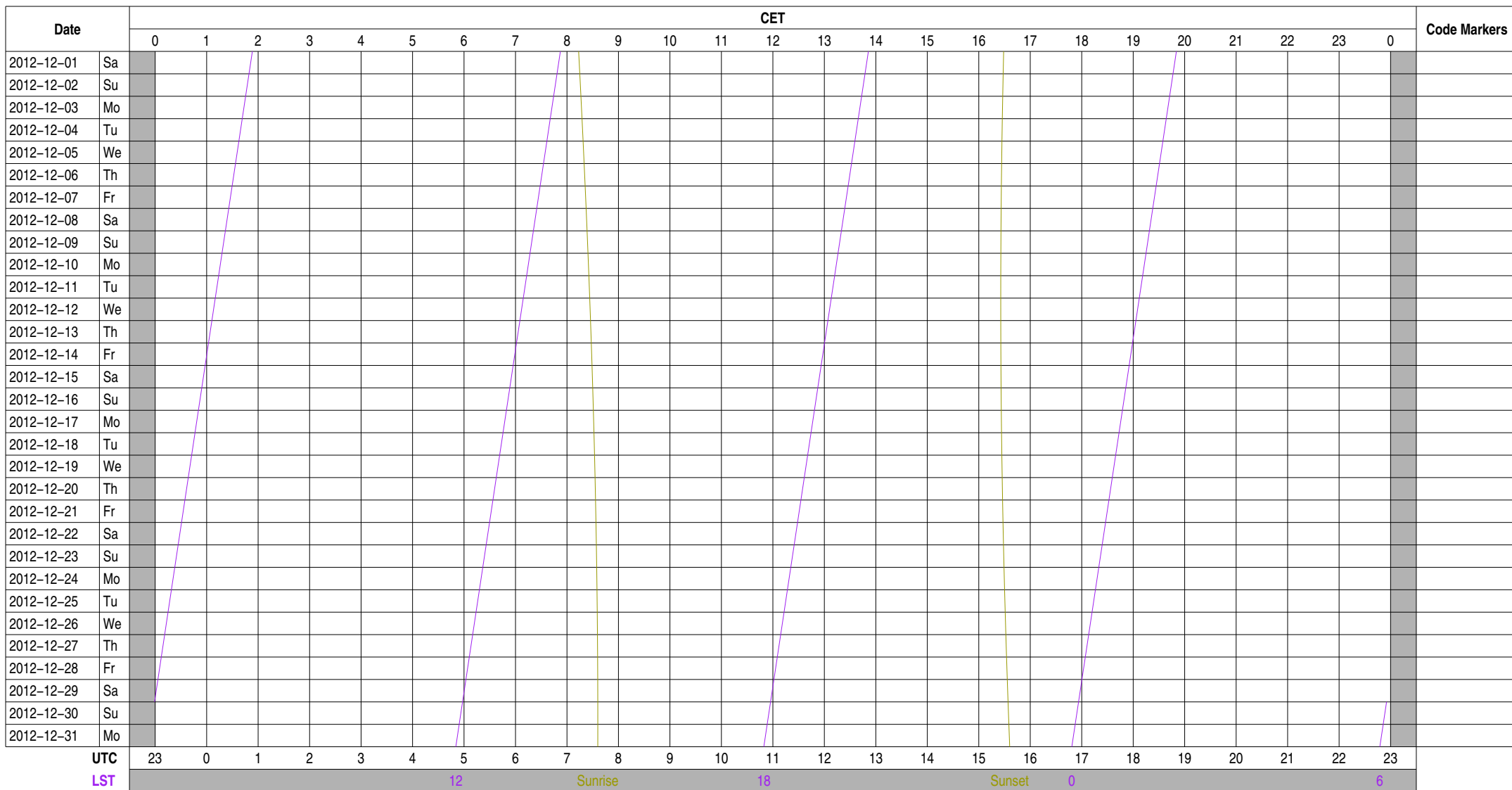
Other Experiment Code Markers

Color Meanings

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| 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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

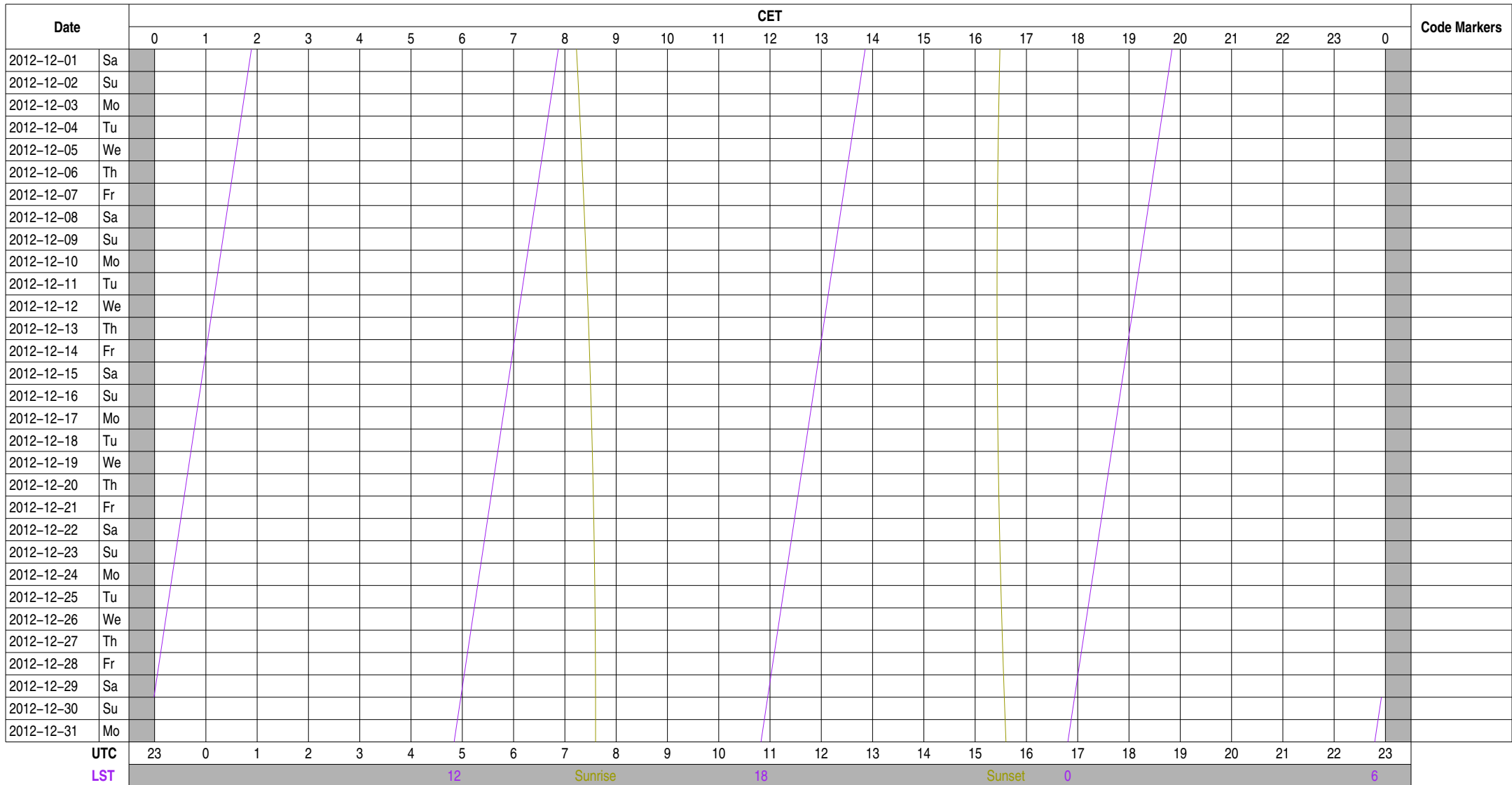
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Iofar4a Pulsar Computer

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

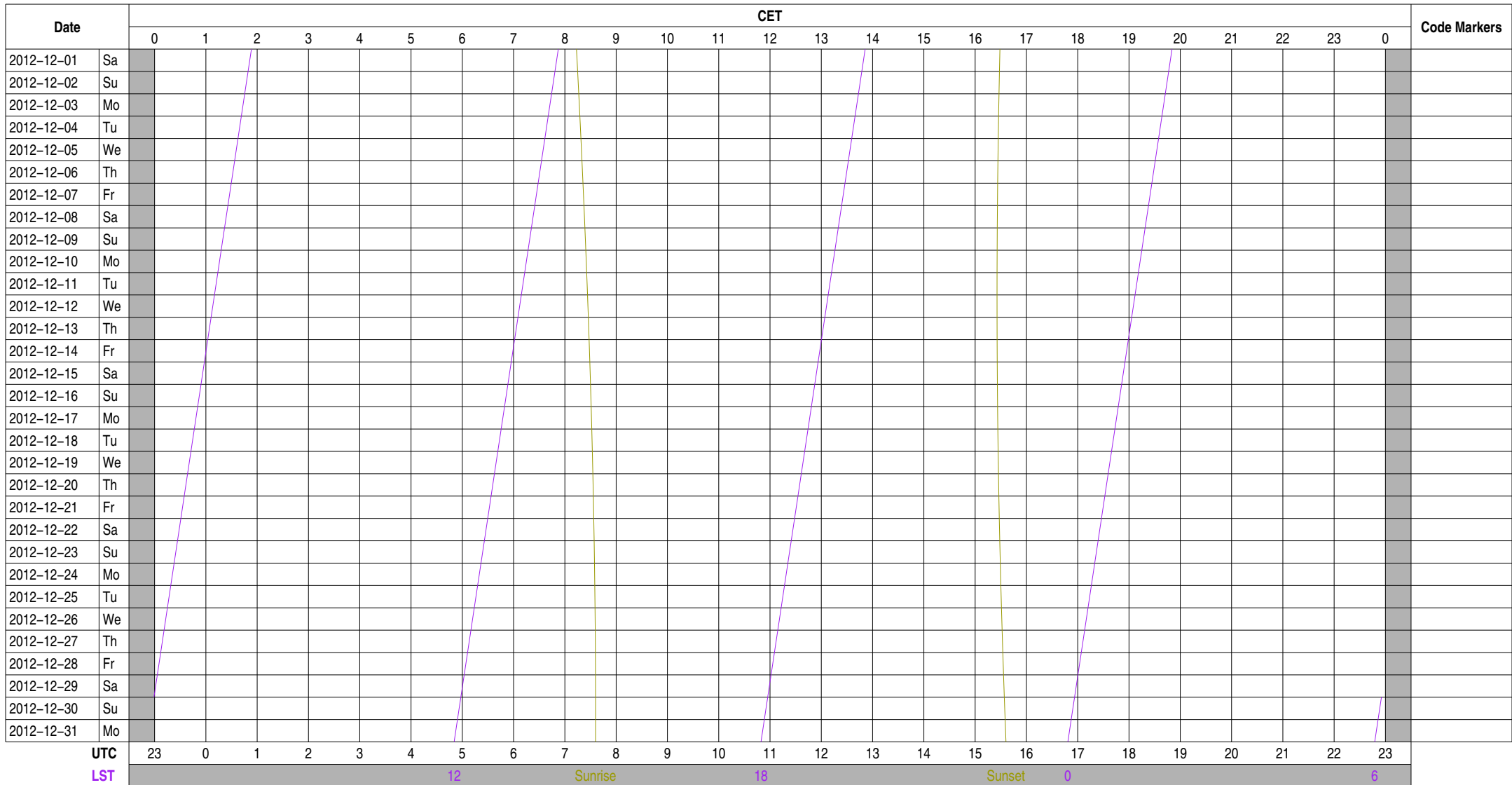
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Iofar1b Recording Computer

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

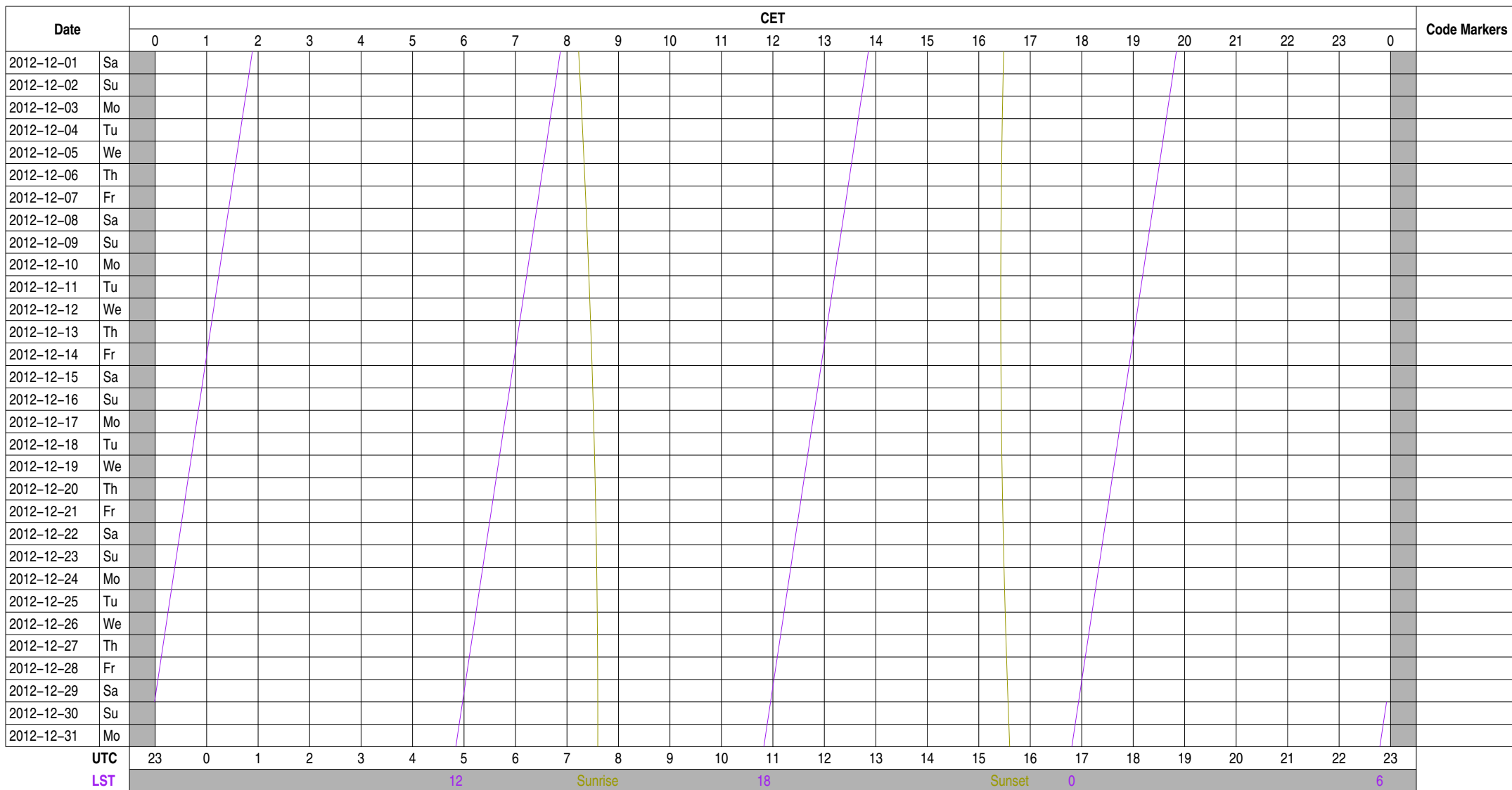
Other Experiment Code Markers

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 2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

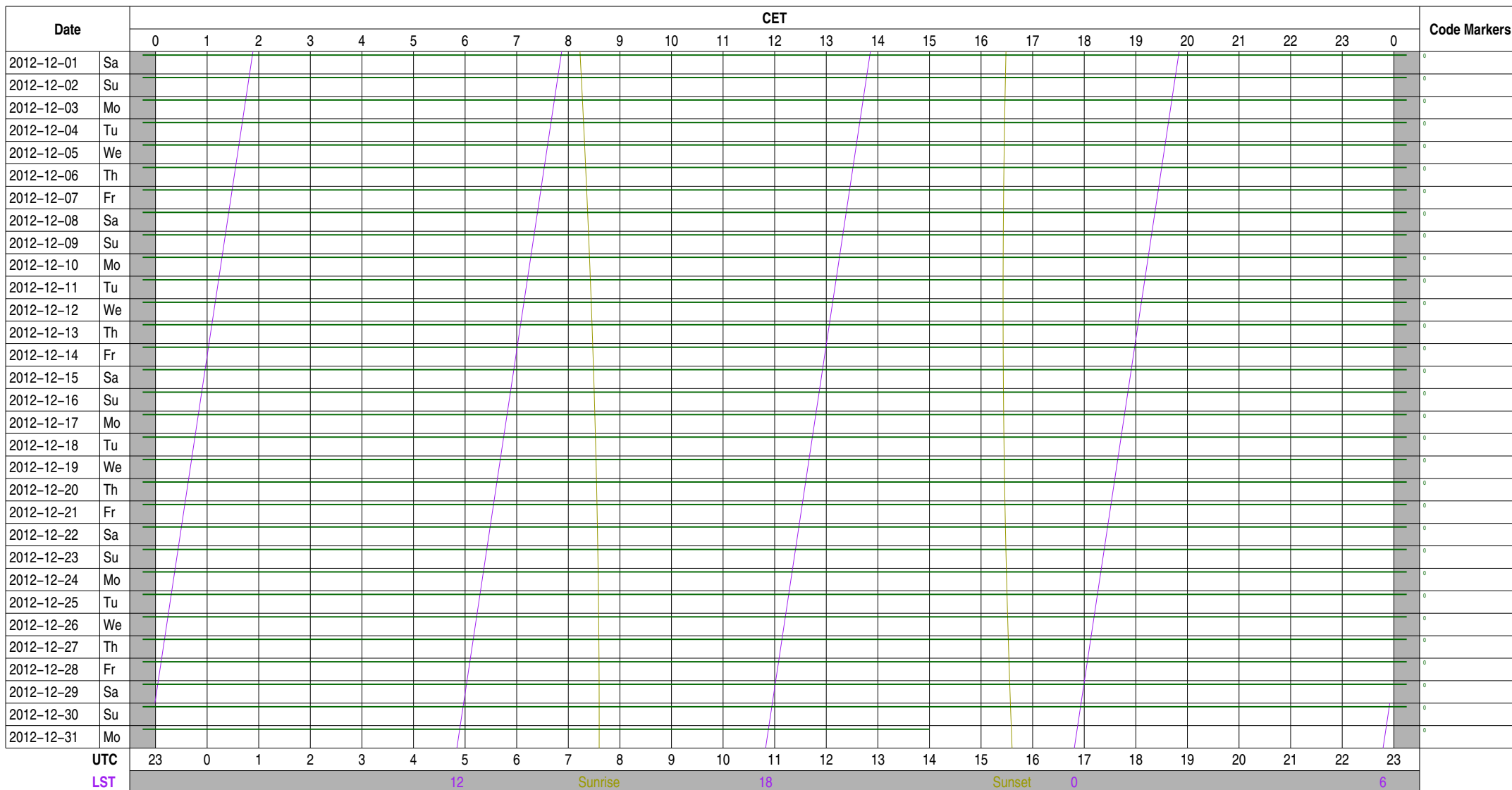
Science A (Astrometry)	Science N (AGN)	Test Observation	Juelich Mode
Science C (Cosmology)	Science O (Other)	Maintenance Mode	Piggyback Control
Science E (Extragalactic)	Science P (Pulsar)	ILT Mode	Piggyback Without Control
Science G (Galactic)	Science R (Cosmic Rays)	Effelsberg Mode	Experiment Warning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

Observing Plan for Iofarsrv Computer

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31

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Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

0 ELP2012-008

- | | | | |
|---------------------------|--------------------------|------------------|---------------------------|
| 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

2012-12-01 through 2012-12-31

Date	CET																								Code Markers		
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2012-12-02	Su												ELI2012-000X														
2012-12-03	Mo					ELI2012-000X																					
2012-12-04	Tu																										
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2012-12-06	Th												ELI2012-000X														
2012-12-07	Fr												ELI2012-000X														
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2012-12-31	Mo												ELI2012-000X														

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LST 12 Sunrise 18 Sunset 0 6

Normal Experiment Code Markers

Other Experiment Code Markers

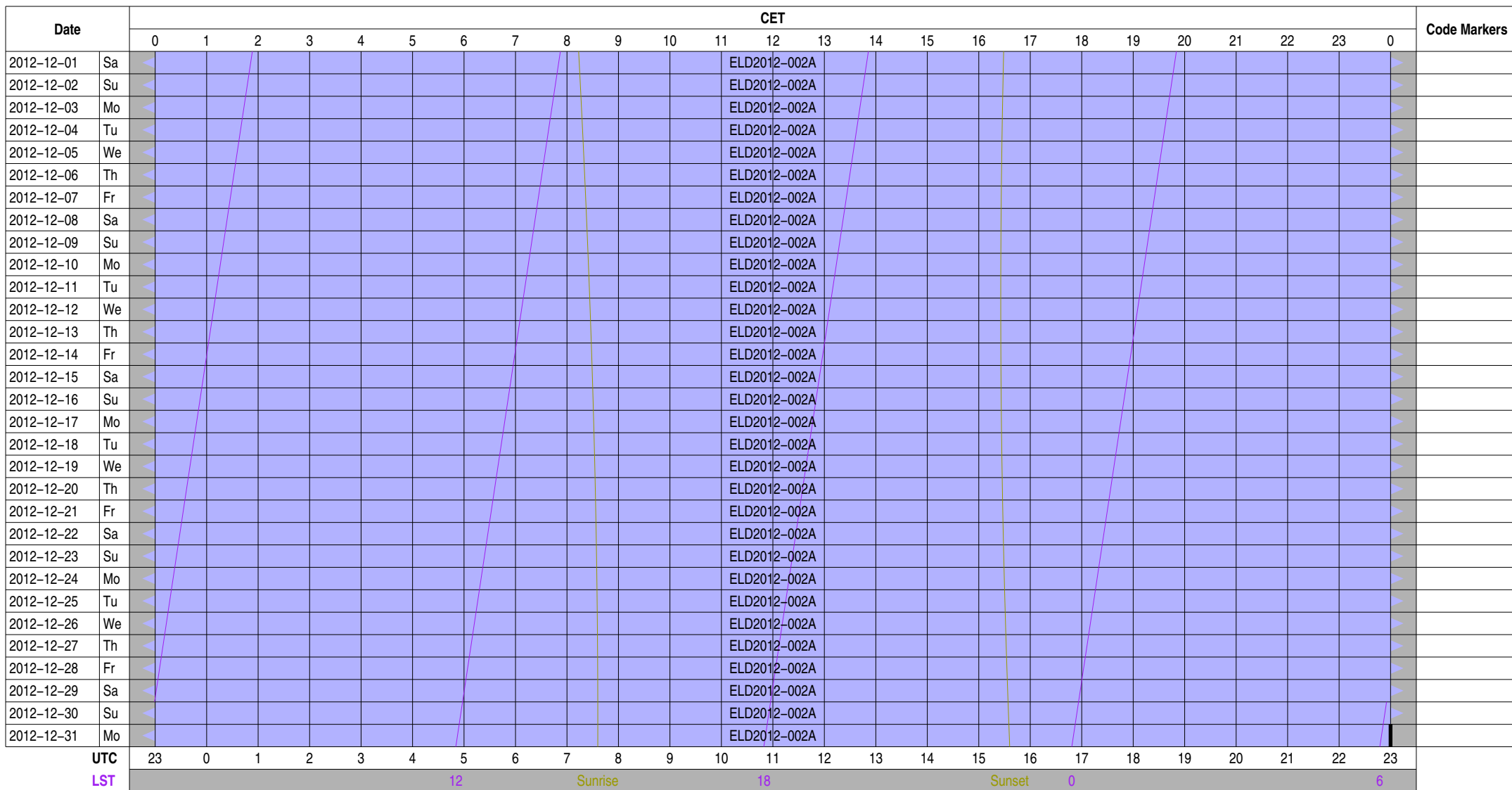
Color Meanings

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 Operator On-Duty

MPIfR Effelsberg LOFAR Station

2012-12-01 through 2012-12-31



Normal Experiment Code Markers

Other Experiment Code Markers

Color Meanings

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

Experiment Information for Normal Observations

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
ELI2012-000	Anderson, ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELP2012-000	Anderson	anderson@mpifr-bonn.mpg.de	+49 1 737 838 125	testing pulsar recording software
ELP2012-000	Anderson	anderson@mpifr-bonn.mpg.de	+49 1 737 838 125	testing pulsar recording software
ELP2012-000	Anderson	anderson@mpifr-bonn.mpg.de	+49 1 737 838 125	testing pulsar recording software
ELP2012-006	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	station beam testing with pulsars
ELP2012-006	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	station beam testing with pulsars
ELP2012-023	Kuniyoshi, Verbiest	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	test detecting millisecond pulsar
ELP2012-023	Kuniyoshi, Verbiest	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	test detecting millisecond pulsar
ELP2012-027	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	nulling and mode changing pulsars
ELP2012-027	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	nulling and mode changing pulsars

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

