

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-07-01 through 2013-07-14

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				
2013-07-01	Mo	ELI2013-000 ILT Operations											*0	ELP2012-022AD Verbiest											*1						
2013-07-02	Tu	ELP2013-003A Noutsos, Verbiest, Osowski, Horneffer, Kuniyoshi, Anderson, Koehler, Wucknitz														ELP2012-022AE Verbiest															
2013-07-03	We	ELP2012-022AE Verbiest																													
2013-07-04	Th	ELP2012-022AE Verbiest								*0	ELI2013-000 ILT Operations																				
2013-07-05	Fr	ELI2013-000 ILT Operations																													
2013-07-06	Sa	ELI2013-000 ILT Operations																													
2013-07-07	Su	ELI2013-000 ILT Operations																													
2013-07-08	Mo	ELI2013-000 ILT Operations											*0	ELI2013-007N Koehler et al.																	
2013-07-09	Tu	ELI2013-007N Koehler et al.											ELP2012-022AF Verbiest																		
2013-07-10	We	ELP2012-022AF Verbiest								*0	ELI2013-000 ILT Operations																				
2013-07-11	Th	ELI2013-000 ILT Operations																													
2013-07-12	Fr	ELI2013-000 ILT Operations																													
2013-07-13	Sa	ELI2013-000 ILT Operations																													
2013-07-14	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						6						12						Sunset					

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-003A Noutsos, Verbiest,

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

2013-07-01 through 2013-07-14

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		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-07-01	Mo	ELI2013-000 ILT Operations										*0															
2013-07-02	Tu																										
2013-07-03	We																										
2013-07-04	Th									*0	ELI2013-000 ILT Operations																
2013-07-05	Fr											ELI2013-000 ILT Operations															
2013-07-06	Sa											ELI2013-000 ILT Operations															
2013-07-07	Su											ELI2013-000 ILT Operations															
2013-07-08	Mo	ELI2013-000 ILT Operations										*0	ELI2013-007N Koehler et al.														
2013-07-09	Tu	ELI2013-007N Koehler et al.																									
2013-07-10	We									*0	ELI2013-000 ILT Operations																
2013-07-11	Th											ELI2013-000 ILT Operations															
2013-07-12	Fr											ELI2013-000 ILT Operations															
2013-07-13	Sa											ELI2013-000 ILT Operations															
2013-07-14	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										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 2013-07-01 through 2013-07-14

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Date		CEST																								Code Markers
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
2013-07-01	Mo	ELI2013-000 ILT Operations											*0	ELP2012-022AD Verbiest											*1	
2013-07-02	Tu	ELP2013-003A Noutsos, Verbiest, Osowski, Horneffer, Kuniyoshi, Anderson, Koehler, Wucknitz														ELP2012-022AE Verbiest										
2013-07-03	We	ELP2012-022AE Verbiest																								
2013-07-04	Th	ELP2012-022AE Verbiest								*0	ELI2013-000 ILT Operations															
2013-07-05	Fr	ELI2013-000 ILT Operations																								
2013-07-06	Sa	ELI2013-000 ILT Operations																								
2013-07-07	Su	ELI2013-000 ILT Operations																								
2013-07-08	Mo	ELI2013-000 ILT Operations											*0	ELI2013-007N Koehler et al.												
2013-07-09	Tu	ELI2013-007N Koehler et al.											ELP2012-022AF Verbiest													
2013-07-10	We	ELP2012-022AF Verbiest								*0	ELI2013-000 ILT Operations															
2013-07-11	Th	ELI2013-000 ILT Operations																								
2013-07-12	Fr	ELI2013-000 ILT Operations																								
2013-07-13	Sa	ELI2013-000 ILT Operations																								
2013-07-14	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											6	Sunset											

Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-003A Noutsos, Verbiest,

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 2013-07-01 through 2013-07-14

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Date		CEST																								Code Markers						
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0					
2013-07-01	Mo	ELI2013-000 ILT Operations										*0																				
2013-07-02	Tu																															
2013-07-03	We																															
2013-07-04	Th									*0	ELI2013-000 ILT Operations																					
2013-07-05	Fr											ELI2013-000 ILT Operations																				
2013-07-06	Sa											ELI2013-000 ILT Operations																				
2013-07-07	Su											ELI2013-000 ILT Operations																				
2013-07-08	Mo	ELI2013-000 ILT Operations										*0	ELI2013-007N Koehler et al.																			
2013-07-09	Tu	ELI2013-007N Koehler et al.																														
2013-07-10	We									*0	ELI2013-000 ILT Operations																					
2013-07-11	Th											ELI2013-000 ILT Operations																				
2013-07-12	Fr											ELI2013-000 ILT Operations																				
2013-07-13	Sa											ELI2013-000 ILT Operations																				
2013-07-14	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										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

2013-07-01 through 2013-07-14

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2013-07-01	Mo	ELI2013-000 ILT Operations										*0															
2013-07-02	Tu																										
2013-07-03	We																										
2013-07-04	Th									*0	ELI2013-000 ILT Operations																
2013-07-05	Fr									ELI2013-000 ILT Operations																	
2013-07-06	Sa									ELI2013-000 ILT Operations																	
2013-07-07	Su									ELI2013-000 ILT Operations																	
2013-07-08	Mo	ELI2013-000 ILT Operations										*0															
2013-07-09	Tu																										
2013-07-10	We									*0	ELI2013-000 ILT Operations																
2013-07-11	Th									ELI2013-000 ILT Operations																	
2013-07-12	Fr									ELI2013-000 ILT Operations																	
2013-07-13	Sa									ELI2013-000 ILT Operations																	
2013-07-14	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										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

2013-07-01 through 2013-07-14

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Date		CEST																								Code Markers	
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2013-07-01	Mo	ELI2013-000 ILT Operations										*0															
2013-07-02	Tu																										
2013-07-03	We																										
2013-07-04	Th									*0	ELI2013-000 ILT Operations																
2013-07-05	Fr											ELI2013-000 ILT Operations															
2013-07-06	Sa											ELI2013-000 ILT Operations															
2013-07-07	Su											ELI2013-000 ILT Operations															
2013-07-08	Mo	ELI2013-000 ILT Operations										*0															
2013-07-09	Tu																										
2013-07-10	We									*0	ELI2013-000 ILT Operations																
2013-07-11	Th											ELI2013-000 ILT Operations															
2013-07-12	Fr											ELI2013-000 ILT Operations															
2013-07-13	Sa											ELI2013-000 ILT Operations															
2013-07-14	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										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

2013-07-01 through 2013-07-14

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	
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2013-07-02	Tu											ELG2013-000U Koehler et al.														
2013-07-03	We											ELG2013-000U Koehler et al.														
2013-07-04	Th											ELG2013-000U Koehler et al.														
2013-07-05	Fr											ELG2013-000U Koehler et al.														
2013-07-06	Sa											ELG2013-000U Koehler et al.														
2013-07-07	Su											ELG2013-000U Koehler et al.														
2013-07-08	Mo	ELG2013-000U Koehler et al.										*0	ELI2013-007N Koehler et al.													
2013-07-09	Tu	ELI2013-007N Koehler et al.										ELG2013-000U Koehler et al.														
2013-07-10	We											ELG2013-000U Koehler et al.														
2013-07-11	Th											ELG2013-000U Koehler et al.														
2013-07-12	Fr											ELG2013-000U Koehler et al.														
2013-07-13	Sa											ELG2013-000U Koehler et al.														
2013-07-14	Su											ELG2013-000U Koehler et al.														
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										6	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 IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-07-01 through 2013-07-14

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2013-07-01	Mo	ELG2013-000U Koehler et al.										*0	ELP2012-022AD Verbiest										*1				
2013-07-02	Tu	ELP2013-003A Noutsos, Verbiest, Osowski, Horneffer, Kuniyoshi, Anderson, Koehler, Wucknitz														ELP2012-022AE Verbiest											
2013-07-03	We															ELP2012-022AE Verbiest											
2013-07-04	Th	ELP2012-022AE Verbiest																ELP2012-022AE Verbiest									
2013-07-05	Fr	ELP2012-022AE Verbiest																ELG2013-000U Koehler et al.									
2013-07-06	Sa									ELG2013-000U Koehler et al.																	
2013-07-07	Su									ELG2013-000U Koehler et al.																	
2013-07-08	Mo	ELG2013-000U Koehler et al.										*0	ELI2013-007N Koehler et al.														
2013-07-09	Tu	ELI2013-007N Koehler et al.																				ELP2012-022AF Verbiest					
2013-07-10	We	ELP2012-022AF Verbiest																ELP2012-022AF Verbiest									
2013-07-11	Th	ELP2012-022AF Verbiest																ELG2013-000U Koehler et al.									
2013-07-12	Fr									ELG2013-000U Koehler et al.																	
2013-07-13	Sa									ELG2013-000U Koehler et al.																	
2013-07-14	Su									ELG2013-000U Koehler et al.																	
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										6		12										Sunset	

Normal Experiment Code Markers

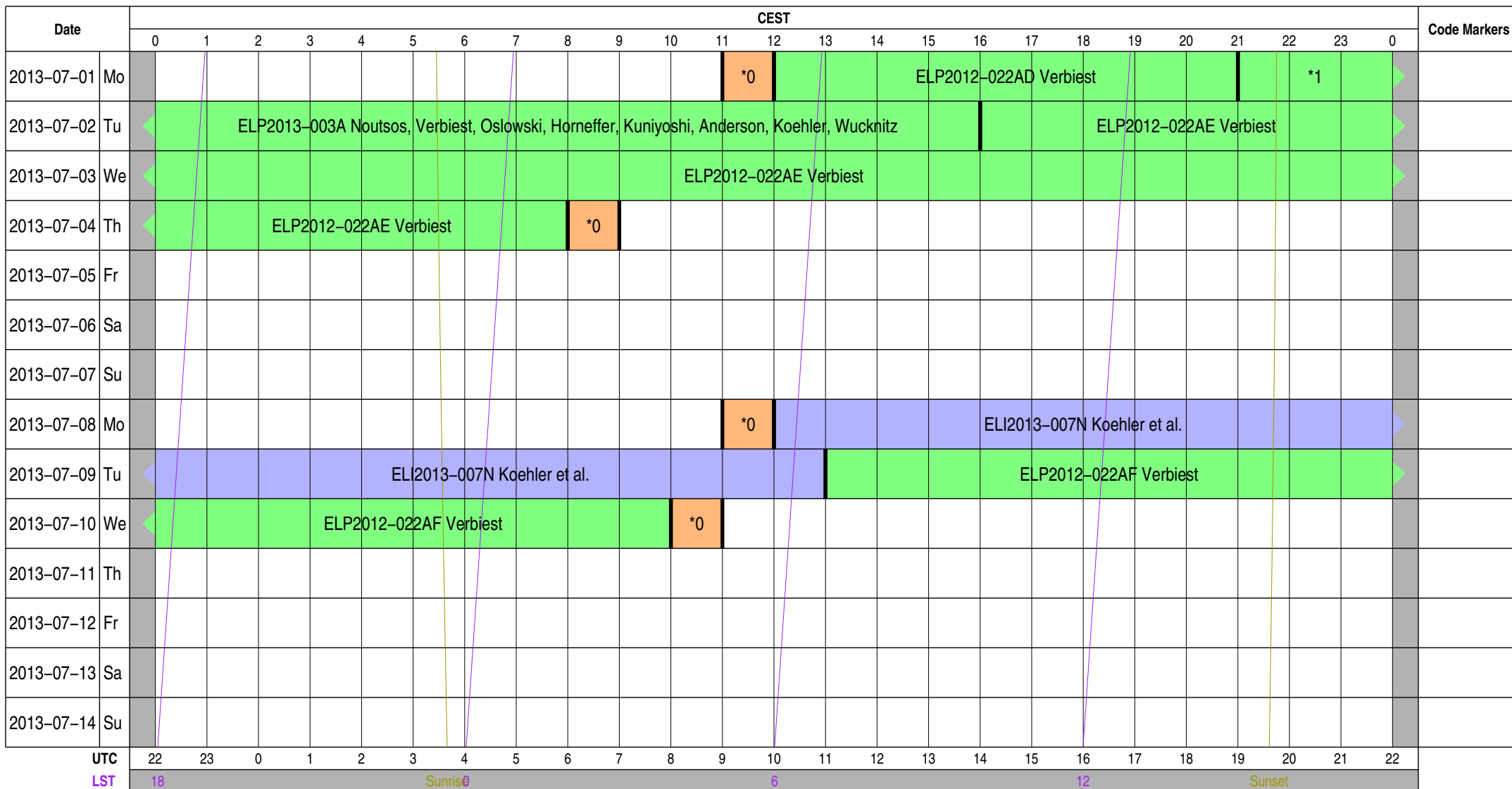
- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-003A Noutsos, Verbiest,

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 Iofarx Computer MPIfR Effelsberg LOFAR Station 2013-07-01 through 2013-07-14



Normal Experiment Code Markers

- 0 ELM2013-012 Kuniyoshi, Horneff
- 1 ELP2013-003A Noutsos, Verbiest,

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 2013-07-01 through 2013-07-14

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Date		CEST																								Code Markers		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0	
2013-07-01	Mo	ELG2013-000U Koehler et al.										*0	ELG2013-000U Koehler et al.													1,2,2		
2013-07-02	Tu											ELG2013-000U Koehler et al.													2			
2013-07-03	We											ELG2013-000U Koehler et al.													2			
2013-07-04	Th											ELG2013-000U Koehler et al.													1,2			
2013-07-05	Fr											ELG2013-000U Koehler et al.													1,2			
2013-07-06	Sa											ELG2013-000U Koehler et al.													1,2			
2013-07-07	Su											ELG2013-000U Koehler et al.													1,2			
2013-07-08	Mo	ELG2013-000U Koehler et al.										*0	ELI2013-007N Koehler et al.													1,2,2		
2013-07-09	Tu	ELI2013-007N Koehler et al.										ELG2013-000U Koehler et al.													2			
2013-07-10	We											ELG2013-000U Koehler et al.													1,2			
2013-07-11	Th											ELG2013-000U Koehler et al.													1,2			
2013-07-12	Fr											ELG2013-000U Koehler et al.													1,2			
2013-07-13	Sa											ELG2013-000U Koehler et al.													1,2			
2013-07-14	Su											ELG2013-000U Koehler et al.													1,2			
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						6													12	Sunset					

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

- 1 ELE2013-000B Horneffer
- 2 ELE2013-000C 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 Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-07-01 through 2013-07-14

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
2013-07-01	Mo	ELI2013-000 ILT Operations										*0	ELE2013-000C Horneffer													1	
2013-07-02	Tu	ELE2013-000C Horneffer																									
2013-07-03	We	ELE2013-000C Horneffer																									
2013-07-04	Th	ELE2013-000C Horneffer								*0	ELI2013-000 ILT Operations																1
2013-07-05	Fr	ELI2013-000 ILT Operations																								1	
2013-07-06	Sa	ELI2013-000 ILT Operations																								1	
2013-07-07	Su	ELI2013-000 ILT Operations																								1	
2013-07-08	Mo	ELI2013-000 ILT Operations										*0	ELE2013-000C Horneffer													1	
2013-07-09	Tu	ELE2013-000C Horneffer																									
2013-07-10	We	ELE2013-000C Horneffer								*0	ELI2013-000 ILT Operations																1
2013-07-11	Th	ELI2013-000 ILT Operations																								1	
2013-07-12	Fr	ELI2013-000 ILT Operations																								1	
2013-07-13	Sa	ELI2013-000 ILT Operations																								1	
2013-07-14	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										6		12										Sunset	

Normal Experiment Code Markers

0 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

1 ELE2013-000B Horneffer

Color Meanings

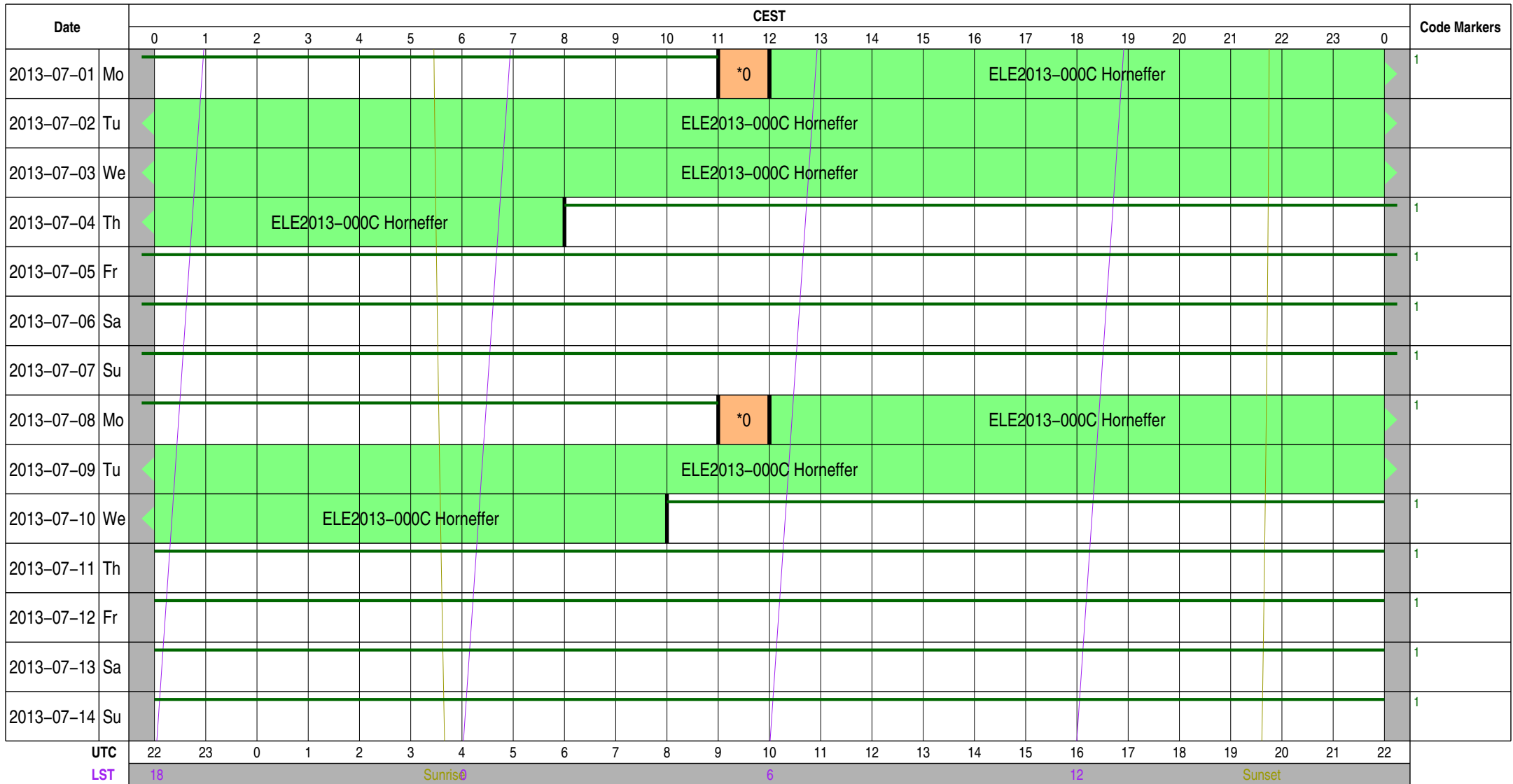
Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)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

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-07-01 through 2013-07-14

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

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

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-07-01 through 2013-07-14

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	
2013-07-01	Mo	ELD2013-002 Kuniyoshi																								
2013-07-02	Tu	ELD2013-002 Kuniyoshi																								
2013-07-03	We	ELD2013-002 Kuniyoshi																								
2013-07-04	Th	ELD2013-002 Kuniyoshi																								
2013-07-05	Fr	ELD2013-002 Kuniyoshi																								
2013-07-06	Sa	ELD2013-002 Kuniyoshi																								
2013-07-07	Su	ELD2013-002 Kuniyoshi																								
2013-07-08	Mo	ELD2013-002 Kuniyoshi																								
2013-07-09	Tu	ELD2013-002 Kuniyoshi																								
2013-07-10	We	ELD2013-002 Kuniyoshi																								
2013-07-11	Th	ELD2013-002 Kuniyoshi																								
2013-07-12	Fr	ELD2013-002 Kuniyoshi																								
2013-07-13	Sa	ELD2013-002 Kuniyoshi																								
2013-07-14	Su	ELD2013-002 Kuniyoshi																								

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

ELE2013-000	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 C	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELE2013-000 C	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	Data copying for LOFAR MKSP ILT data to Bonn
ELG2013-000	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
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
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
ELI2013-007	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELI2013-007 N	Koehler et al.	jana@mpi-fr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
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)
ELP2012-022	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AD	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AE	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AE	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AF	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AF	Verbiest	verbiest@mpi-fr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2013-003	Noutsos, Verbiest, Osowski, Horneffer, Kuniyoshi,	anoutsos@mpi-fr.de	+49 228 525 324	Element Beam Characterization of DE601: The High Band
ELP2013-003 A	Horneffer	horneff@mpi-fr-bonn.mpg.de	+49 228 525 505	Element Beam Characterization of DE601: The High Band

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

ELD2013-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler
ELD2013-002	Kuniyoshi	mkuniyos@mpifr-bonn.mpg.de	+49 228 525 505	Project Scheduler

Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000											114.00	114.00	
ELE2013-000 C											68.00	68.00	
ELE2013-000 C											46.00	46.00	
ELG2013-000							309.00	172.00		309.00			
ELG2013-000 U							11.00	11.00		11.00			
ELG2013-000 U								75.00					
ELG2013-000 U							167.00			167.00			
ELG2013-000 U								86.00					
ELG2013-000 U							131.00			131.00			
ELI2013-000	218.00	218.00	218.00	218.00	218.00	218.00					218.00		
ELI2013-000	11.00	11.00	11.00	11.00	11.00	11.00					11.00		
ELI2013-000	98.00	98.00	98.00	98.00	98.00	98.00					98.00		
ELI2013-000	109.00	109.00	109.00	109.00	109.00	109.00					109.00		
ELI2013-007	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
ELI2013-007 N	25.00	25.00	25.00	25.00			25.00	25.00	25.00	25.00			
ELM2013-012	4.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	4.00	2.00	4.00	2.00	
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		
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		
ELP2012-022	70.00		70.00					118.00	70.00				
ELP2012-022 AD	9.00		9.00					9.00	9.00				
ELP2012-022 AE	40.00		40.00					40.00	40.00				
ELP2012-022 AE								24.00					
ELP2012-022 AF	21.00		21.00					21.00	21.00				
ELP2012-022 AF								24.00					
ELP2013-003	19.00		19.00					19.00	19.00				
ELP2013-003 A	19.00		19.00					19.00	19.00				

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELE2013-000										554.00	220.00	220.00	
ELE2013-000	B									11.00	11.00	11.00	
ELE2013-000	B									99.00	99.00	99.00	
ELE2013-000	B									110.00	110.00	110.00	
ELE2013-000	C									11.00			
ELE2013-000	C									167.00			
ELE2013-000	C									156.00			

Summary of Time Usage [total=100.00 %] for MPIfR Effelsberg LOFAR Station

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
normal													
Science A (Astrometry)													
Science C (Cosmology)													
Science E (Extragalactic)													
Science G (Galactic)													
Science H (Ionosphere)													
Science N (AGN)													
Science O (Other)													
Science P (Pulsar)													
Science R (Cosmic Rays)													
Science S (Solar System)													
Test Observation													
Maintenance Mode													
ILT Mode													
Effelsberg Mode													
GLOW Mode													
Juelich Mode													
Station Failure													
Unknown Code													
Idle													
piggy-up													
Piggyback Control													
Unknown Code													
Idle													
piggy-down													
Piggyback Without Control													
Unknown Code													
Idle													
warning													
Experiment Warning													
Unknown Code													
Idle													
steal													
Override Possible													
Unknown Code													
Idle													
duty													
100 m Operator													
Anderson													
Kuniyoshi													
Horneffer													
Other													
Unknown													
Unknown Code													
Idle													