

Version: 1  
 Datum: 8. Sep. 2015  
 Zeiterfassung

## Beobachtungsplan A MPIfR 100-m-RT 8. Sep. 2015 bis 21. Sep. 2015

DATUM		---- MESZ ----																								Frontend	Back-end				
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			24			
DI	8.9.	26-15							W	P500	>----- Test P500 ----->																	P90, P500	B,A		
MI	9.9.	SFK	91-14 *				62-14				W	P500	>----- Test P500 ----->																	P500, S13	A,B
DO	10.9.	SFK	91-14 *				62-14				W											•	>----- Test K-Band * ----->				>----- Pointing ----->		P500, S13, S14	A,B	
FR	11.9.	Pointing			62-14				P500	>----- Test P500 ----->				PFK: P500 -> P210-7		SFK	18-15				P210-7		>----- 20-13 ----->		SFK, P500, P210-7	A,B,C					
SA	12.9.	20-13											SFK	RAKS08 = 19-15	Kalibration		RAKS08 = 19-15	>----- Pointing ----->							P210-7, SFK	C,E,A					
SO	13.9.	Pointing ->		P210-7		26-14				58-15				20-13							SFK, P210-7	A,C									
MO	14.9.	20-13		SFK	RAKS08 = 19-15	Kalibration		RAKS08 = 19-15	W											•	S28	63-15 *				P210-7, SFK	C,E,A				
DI	15.9.	63-15							P180	>----- eVLBI = 01-15 ----->																	S28, PM1	A,E			
MI	16.9.	eVLBI = 01-15											S14	> Test dBBC3 >		>----- Kalibration / NMZ ----->							PM1, SFK	E,A,B							
DO	17.9.	Kalibration / NMZ							W	P210-7	Ausbau Multiplexer Apex							56-15							SFK, P210-7	A,B,C					
FR	18.9.	20-13							56-15																	P210-7	C				
SA	19.9.	56-15		60-15 (21cm)				60-15 (11cm)																	P210-7	C					
SO	20.9.	60-15 (21cm)				S110		60-15 (11cm)																	P210-7, S110	C					
MO	21.9.	60-15 (11cm)				W	PM2	Test 3mm							P22	>----- Pointing ----->							S110, PM2	C,A							
UT		22	23	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
LST		22:25					05:27					15:28					21:29														

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**Projekte:**

26-15: Menten, Wyrowski, Winkel et al.  
 91-14: Feher, Harju, Toth, et al. (Kraus)  
 62-14: Li, Li, Zuo et al. (Kraus)  
 18-15: Eatough, Kramer, Torne et al.  
 26-14: Freire, Kramer, Verbiest et al.  
 20-13: Kramer, Berezina, Torne et al.  
 58-15: Verbiest, Janssen, Sobey et al.

63-15: Fuhrmann, Zajacek, Eckart et al.  
 56-15: Liu, Bassa, Janssen et al.  
 60-15: Graikou, Caballero, Champion et al.  
 Test P500: Keller, Kraus  
 Test K-Band: Kraus  
 Test 3mm: Bach, Kraus  
 Pointing: Bach

**VLBI-Projekte:**

RAKS08 = 19-15: Kovalev et al. (RadioAstron)  
 eVLB = 01-15: JIVE  
 Test dBBC3: Bach et al.

For any publications based on observations with the Effelsberg 100-m telescope please use the following acknowledgement: *\*Based on observations with the 100-m telescope of the MPIfR (Max-Planck-Institut für Radioastronomie) at Effelsberg.*

A = Digitales Backend  
 B = FFT-Spektrometer  
 C = Pulsar Backend  
 E = VLBI Rekorder

RX = Empfängerwechsel  
 FX = Fokuswechsel  
 W = Wartung

Telefon Operateure: 02257 / 301 155

\* = Projekt mit 1. Priorität  
 • = spätestester Zeitpunkt der Entscheidung durch Beobachter\*