

## Timeline of Installation and Commissioning at the IRAM 30m telescope

Week	Dates	Main Task	Details	Lead	People at the 30m Staff
11	10.3.-16.3.	<b>Dismounting</b>		Santiago	Dave, Gregorio, Paco, Salvador, Juan
	10.3	1# ABCD dismounting			"
	11.3	2# Old IF cable dism.			"
	11.3	3# Cold load dism.			"
	11.3	4# Power racks and accessories dism.			"
	12.3	5# New IF cables install.			"
	12.3	6# Drill holes for He lines			"
	13.3	Painting of receiver cabin	13./14.3.		3 external people
	15.3	Reserve			Dave, Gregorio, Paco, Salvador, Juan, Jean-Yves, Santiago
	16.3		Helicopter/JL:16.3.	Javier	
12	16.3.-24.3.	<b>Installation</b>		Santiago	Jean-Yves, Bruno, Dave, Gregorio
	16.3	1# External Optics install	Includes N2 cold load + grid		"
	17.3	2# He compressor install	On top of receiver cabin		"
	17.3	3# Positioning new beams for EMIR support			Gregorio
	17.3	3# External Optics pre-align	With laser only		Jean-Yves, Bruno, Dave, Gregorio
	18.3	4# EMIR support install			"
	18.3	5# EMIR frame install			"
	18.3	6# Cryostat install			"
	18.3	7# EMIR optical pre-align	With laser only		"
	18.3	8# Fixation to the floor			"
	18.3	9# Make vacuum in cryostat			Jean-Yves, Bruno, Dave
	19.3	10# Electronics boxes install			"
	19.3	11# Make SM cables	For conexión to IF switch		"
	19.3	12# Start cryo cooling			"
	20.3	13# 1ST test of electronics			"
	20.3	14# Test of control Software			Sebastien, Walter, Albrecht
	21.3	15# Final optical alignment	From Emir to Subreflector		Jean-Yves, Bruno, Dave, Gregorio
	21.3	16# Test junctions/mixers	36 hours after cool down start		"
	22.3	17# Test of control Software	All bands		"
	22.3	18# Test of control Software			Sebastien, Walter, Albrecht
	23.3	22# Radio beam alignment			Jean-Yves, Anne-Laure(23.-31.), Dave
	23.3	23# Check calibration	Mechanical and electrical		All (HW/SW)
	23.3	24# Check band switching	Mechanical and electrical		All (HW/SW)
13	24.3.-31.3.	<b>#3: First Light &amp; Hardware Testing</b>		Santiago	All (HW/SW)
	24.3	1# Check automatic tunings			"
	24.3	2# Test FSW (HW/SW)		Walter	"
	25.3	3# Test on sources	Software / Astronomy	Walter	Sebastien, Walter, Albrecht
	25.3	4# Training	Operator Training	Manolo	All
	26.3	Reserve	Commissioning could start here		
14	31.3.-7.4.	<a href="#">#4: Commissioning</a>		Carsten	Dirk Muders, Clemens Hans + TBC
			Software / Astronomy		
			Operator Training	Manolo	
15	7.4.-14.4.				
16	14.4.-21.4.	<a href="#">#5: Commissioning</a>		Carsten	Clemens, Albert Helmut + TBC
			Software / Astronomy		
17	21.4.-28.4.	TBA			