

# Linac4 action list

	action	person	status	date
<b>SM18 high-power test stand</b>				
<input checked="" type="checkbox"/>	Call David on availability of Linac4 type modulator, help by Jean-Michel, Jose and FSU for cabling can be provided	Frank	modulator of L4 bld will be moved to SM18 until end of May, decided to stop conditioning until modulator is in place	7-May-13
<input checked="" type="checkbox"/>	test stand available until early 2014	Frank		7-May-13
<input type="checkbox"/>	installation of L4 modulator in SM18	Frank/Tomoko		
<b>movable tuners</b>				
<input checked="" type="checkbox"/>	Send silk paper to CECOM	Yves	together with material for coupler pre-series	13-May-13
<input checked="" type="checkbox"/>	give green light for brazing and/or EBW (during testing of prototypes at CERN)	Frank	requested by CECOM on 15.513	16-May-13
<input type="checkbox"/>	test of pre-series on buncher cavities	Jose	1st/2nd week of June	
<input type="checkbox"/>	try prototype on Indian coupler to see if penetration is sufficient for matching in SM18	JM/Rolf		
<b>3 MeV test stand</b>				
<input checked="" type="checkbox"/>	clarify what Philippe needs to test his LLRF beginning of June	Frank	connectivities defined, one day of test for Philippe, preparations are made before, will be in parallel with dismantling of REX amp.	16-May-13
<input checked="" type="checkbox"/>	what is the minimum buncher voltage/can we switch off buncher cavities easily (e.g. by shifting timing to a slot w/o) beam	Frank/Han	can be reduced to ~100 W in the cavity (23 db from 20 kW) ~1/14 of voltage is possible, minimum value will be lowered by Jose/Han, Han contacts Alessandra	
<input type="checkbox"/>	installation of buncher pick-ups	JM/Yves	probably 2nd week of June,	
<input type="checkbox"/>	modification of 3+1 (spare) existing mobile tuners to L4 standards	Yves	needs breaking the vacuum, 3d week of June	
<input type="checkbox"/>	test of chopper interlock	Jose	1./2nd week of June at the latest	
<b>waveguide couplers</b>				
<b>construction in India</b>				
<input checked="" type="checkbox"/>	RGA/vacuum test of Indian coupler	Yves/JM	first test with "thinner" Russian joint showed a leak at 10-9 level, but the coupler itself seemed to be leak tight	2-May-13
<input checked="" type="checkbox"/>	Exchange joint and re-do test	Yves/JM	results ok	16-May-13
<input checked="" type="checkbox"/>	communicate results to Purushottam	Frank		16-May-13
	decided not to do a baking test	all		2-May-13
<input checked="" type="checkbox"/>	send construction proposal with cost to India	Frank	India seems interested and asks for more details	2-May-13
<input checked="" type="checkbox"/>	send modified technical specifications + answers	Frank		7-May-13
<b>construction at CECOM</b>				
<input checked="" type="checkbox"/>	launch contract with CECOM	Suitbert/Frank		
<input checked="" type="checkbox"/>	send raw material for pre-series to CECOM	Yves		13-May-13
<b>jacks</b>				
<input checked="" type="checkbox"/>	bill from Inmepre contains 7 pieces instead of 6, verify	Yves	7 is correct	2-May-13
<input type="checkbox"/>	clarify with Albert Mason if material can be stored in L4 building	Yves	storage space can be used and jacks will be stored there	16-May-13
<input type="checkbox"/>	15 PIMS jacks arrive from Inmepre and will be checked	Yves		
<b>CCDTL</b>				
<b>assembly in SM18</b>				
<input checked="" type="checkbox"/>	make sure that space is available in SMA18	Frank/JM	Vittorio was contacted and freed the area	3-May-13
<input checked="" type="checkbox"/>	delivery of supports to SM18	JM		7-May-13
<input checked="" type="checkbox"/>	delivery of modules to SM18	JM		13-May-13
<input type="checkbox"/>	preparation of assembly area for visit of BINP team on 27th May	JM		
	beam pipe installation and RGA on module 3	JM		
	metrology of supports	JM		
<b>DTL</b>				
<b>construction</b>				
<input checked="" type="checkbox"/>	repair of T1S2, thin walls between tuner port and cooling channel	Yves/Suitbert	tested and ok,	2-May-13
<input checked="" type="checkbox"/>	repair of T3S3, thin walls between tuner port and cooling channel	Yves/Suitbert	tested and ok, transport to CADINOX ongoing	7-May-13
<input type="checkbox"/>	T3S1 Cu plating	Yves		17-May-13
<input checked="" type="checkbox"/>	metrology of tank2 girders in Spain	Yves/Suitbert	repair works at Mancisidor successful	16-May-13
<input type="checkbox"/>	re-cleaning of some PMQ after outgassing test	Yves		
	order of post-couplers will be launched with 2nd company	Suitbert/Yves		
	send material for post-coupler production to company	Yves		
	final machining of covers tank2,3			
<b>PIMS</b>				
<input type="checkbox"/>	practicing vacuum tests procedures in Poland	Rolf/JM		14-May-13
<input type="checkbox"/>	repair of ring M-1-2 after finding Al traces around the port weldings	Rolf	use ring N-1-2 as a replacement so that the first module can be send to CERN in time	
<input type="checkbox"/>	ultrasound test of brazed fixed tuners to verify that one brazing wire is enough	JM		
<b>windows</b>				
<input type="checkbox"/>	arrange a permanent window conditioning test place in Linac4 bld.	Frank	7 windows should be ready for peak power testing in July, before they are tested at 40 kW CW by Eric, foresee X-ray measurement and arrange surveillance of RF leaks,	
<b>SPL/HOM</b>				
<input type="checkbox"/>	construction of pick-ups for measurements on Cu cavity models	JM	construction started	

# Operations & maintenance

	action	person	status	date
<b>shut-down work</b>				
<b>Modulator</b>				
<input type="checkbox"/>	Verifier Condensateurs	Vince	ongoing work to repair damage caused by water leaks onto the HT transmission line in modulator 1	
<input type="checkbox"/>	Maintenance gravity switch	Vince	on-going	
<input checked="" type="checkbox"/>	Controler resistances	Vince		16-May-13
<input checked="" type="checkbox"/>	Verifier huile transformateur	Vince		16-May-13
<input checked="" type="checkbox"/>	Verifier connexions des bobines	Vince		16-May-13
<input checked="" type="checkbox"/>	Tester tous les diodes	Vince		16-May-13
<input checked="" type="checkbox"/>	Verifier IR lampes	Vince		16-May-13
<input checked="" type="checkbox"/>	Nettoyage et controle pieces HT	Vince		16-May-13
<b>Frank James</b>				
<input type="checkbox"/>	Nettoyage et controle alimentations HT 15 kV	Vince	on-going	
<input type="checkbox"/>	Maintenance gravity switches	Vince	on-going	
<b>machine operation</b>				
<input type="checkbox"/>	Linac3 run (until end of May)		beyond tank2 everything is under radiation control (equipment needs to be checked when taken out)	
<input type="checkbox"/>				
<b>REX upgrade</b>				
<input type="checkbox"/>	dismantling of REX amplifier	Han/Vince	first 2 weeks of June	
<input type="checkbox"/>	opening of RFQ	Han/Vince	delayed to 15. June	
<b>A.O.B.</b>				
<input checked="" type="checkbox"/>	responsibility for section car includes to make sure that tyres, oil, etc are checked?	Han/Vince	Vince will take over, We just received a new car and will receive a bill for little repairs. Put transfer sheets in the car.	16-May-13
<input type="checkbox"/>	order of new network analyzer	Han		