LONG SHUTDOWN WORK TIMELINE

	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22
REACTOR			The work on the replacement	and seismic reinforcement of	the fresh air intake lasted mo	ore than a year and was compl	eted in December 2022		
SAFETY AND MAINTENANCE	Reactor shutdown			Removal of H1–H2 beam tube. Maintenance of safety valves	Cutting of H1-H2 beam tube		Installation of new H1-H2 beam tube. Reinforcement of protective housing of reactor circuits	Replacement of reactor core chimney	
ENDURANCE									
H1-H2 works	Dismantling of H1-H2 guides in pile and in casemate			Dismantling of H1–H2 guides reactor wall pass-though	Installation	on of new seismically resistant conta	nment wall penetrations for H1–H2 guides		
			Dismantling of Pink Housing	reactor wall pass-inough		ı			
H24 works									
	Civil engineering prepara	Civil engineering work: removal of old instruments and structures and preparation of new foundations and future flooring			of dual guide H241/242 in caser engineering work for various in	al guide H241/242 in casemate H2 in guide hall ILL7, gineering work for various instruments in guide hall Assembly of H241/242 guide support structures, installation and alignment of guides (upstream outside casemate H2)			
H15 works									
	Dismantling of casemat and associate		Laying of foundations for future guide H15	Laying of flooring for instruments D11+, SAM and SHARP+	Installation of central wall of cold guide casemate				
	12								
Other projects									
								Civil engineering work and start of installation of tomography stations NeXT/MOTO	

LONG SHUTDOWN WORK TIMELINE continued

>> continued	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23
REACTOR		The work on the replac	ement and seismic reinforcemen	t of the fresh air intake lasted	more than a year and was co	ompleted in December 2022			
SAFETY AND	CRU: Qualification of emergency core reflood system	Reinforcement of gaseous effluent outlet pipe	Fire protection – many improvements throughout the year	Complete renewal of H1–H2 pool lining	Completion of H1-H2 beam tube sealing	Installation of "Carter Pink" housing	Preliminary clean-up of ILL's old detritiation facility. Preparation of	Modifications to instrumentation and control	Installation of H1–H2 safety valve
MAINTENANCE	core remood system	embem obilet pipe	improvements introughout the year	111–112 poor lilling	beam tobe sealing	Curier Fills Housing	anchor points for replacement of	throughout the shutdown	111-112 Salety valve
						We will be a second	trolley on polar crane on Level D		
		10					36		
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ENDURANCE		The second				South St. March No.	Maria Space Committee Comm		
H1-H2 works		Preparation of new H1-H2 guides		Preparation of in-pile guides	Transfer of	Installation of guides in reactor pool		Installation of guides in casemate on Level C	
					"Carter Pink" housing				
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H24 works	Installation of XtremeD	Alignment of world's first borated		Construction of biological				Completion of	View of new instruments
	monochromator shielding	aluminium guide enabling significant space savings (no		shielding of experimental areas and installation				installation of D10+	of double guide H24
		need for housing around it)		of H24 instruments					
		00							
H15 works		Creation of concrete blocks		Installation of walls of new	Installation of roof of nev	w cold guide casemate	Installation of HDPE shieldi	ng in cold guide casemate	Transporting of main
THE WORKS		to support future guide H15 in cold guide casemate		cold guide casemate			(reduction of instrument background) beam shutter of primary		
							New cold guide casemate and preparation of future secondary H15 guide sections (Jan 23) guide casemate		
		METER							
Othermusicate		/				7.70	***		
Other projects		Transfer of D11 detector	In the Indian Constitutes	lestelleten eft i		AA:(CIIADD: "			
		tube to its new site	Installation of PANTHER background choppers	Installation of instrument casemate for NeXT		Moving of SHARP+ time of flight chamber			
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