

#### **AD FACILITY**



### Technical Coordination Meeting

YETS works follow up



# ANTIMATTER FACTORY





## AD ring - general



#### Planning is at AD/ELENA planning

https://oss-coordination.web.cern.ch/gantt/latest?facilities=AD/ELENA&scale=week&worktypeproject=

					No	ov '2	1		D	ec '2:	1			Jan '	22			Feb	'22	
ask Name	Duratic 🕶	Start •	Finish 🔻	Groups 🔻	F 45	46	47	48	49	50	51   5	52	1	2	3	4	5	6	7	8
△ YETS 21-22	92 days?	Mon 15.11.21	Tue 05.04.22		-22	\frac{1}{2}mm		10000	annan	,,,,,,,,,	,,,,,,,,,,,	ndana		mann	mmm	,,,,,,,,,,,	anna i			
₄ AD ring	74 days	Mon 15.11.21	Thu 10.03.22		ing	Ġmm.		Jami	man	annan		annia	manin	annai	,,,,,,,,,,		aman		,,,,,,,,	manda
Consignation - Lock-out	0.5 days	Mon 15.11.21	Mon 15.11.21	TE-EPC	· · · ·	Co	nsign	tion	- Loc	k-out										
Cabling BTV	2 days	Wed 19.01.22	Thu 20.01.22	EN-EL											<b>(</b>	ablin	g BT	V		
Cabling septa SMI/SME	1 day	Fri 21.01.22	Fri 21.01.22	EN-EL											I	Cablir	g se	pta S	MI/S	ME
Cabling interlock doors/vac	2 days	Mon 24.01.22	Tue 25.01.22	EN-EL												Cal	oling	inter	lock	doors
Decabling racks bdg 370	1 day	Wed 26.01.22	Wed 26.01.22	EN-EL												Į D∈	cab	ing ra	icks t	odg 37
Magnet covers installation	2 wks	Mon 22.11.21	Fri 03.12.21	TE-MSC				888	Magr	net co	vers i	nstal	latio	n					i	
Tests on cryo vac in sect 2B and 4	1 wk	Mon 17.01.22	Fri 21.01.22	TE-VSC												Tests	on c	ryo v	ac in	sect 2
CO2 Finement cavity upgrade	3 wks	Mon 24.01.22	Fri 11.02.22	SY-RF														- (	CO2 F	ineme
C10 maintenance	4 wks	Mon 07.02.22	Fri 04.03.22	SY-RF								T								



## AD KFI repair



																/	
					No	v '21			De	ec '2	21			Jan	'22		
Duratic ₩	Start ▼	Finish 🔻	Groups 🔻	F	45	46	47	48	49	50	51	52	1	2	3	4	5
74 days	Mon 15.11.21	Thu 10.03.22			1A	mana			,,,,,,,,,,,,	man	iaman	,,,,,,,	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	,,,,,,,,,	ianaa	nama	<del>olama</del>
1 day	Mon 15.11.21	Mon 15.11.21	TE-VSC			- Sec	tor 1	A ve	nting								
19.5 days	Mon 15.11.21	Fri 10.12.21			oair				1111110			Ì			1		
1 day	Mon 15.11.21	Tue 16.11.21	BE-GM			. KF	mea	sure	ment			Î					
1 wk	Mon 15.11.21	Mon 22.11.21	SY-ABT				KFI	nve	stigati	ons	į.						
1 wk	Mon 29.11.21	Fri 03.12.21	TE-VSC						Pump	do	wn Kl	l re	gion				
5 days	Mon 06.12.21	Fri 10.12.21	SY-ABT;TE-VS														
74 days	Mon 15.11.21	Thu 10.03.22						Juni		uma		anna	,,,,,,,,,		iman	aanaan	dandan
44 days	Mon 22.11.21	Thu 03.02.22			QD	501				,,,,,,,			imm		imm		2000
0.5 days	Mon 22.11.21	Mon 22.11.21	TE-VSC				Ver	t lin	e 7000	)		Î					
0.5 days	Mon 22.11.21	Mon 22.11.21	TE-VSC				Rer	nov	e bean	n pi	pe se	ctio	n		1		
1 day	Mon 22.11.21	Tue 23.11.21	EN-HE	Ī			• Shi	eldı	ng ope	nin	g						
2 days	Tue 23.11.21	Wed 24.11.21	EN-HE				Ex	ctrac	tion to	olir	ng ins	tall			-		
1 day	Thu 25.11.21	Thu 25.11.21	EN-HE				. E	xtra	ct QDS	01			1	<u></u>	<u></u>	-	
7 wks	Fri 26.11.21	Thu 27.01.22	TE-MSC				188	100000	00000000000	11110	1000000	100000	(0):(0):	10	1883388	eisse	Refurb
1 day	Fri 28.01.22	Fri 28.01.22	EN-HE									1		E	<u>.</u>	1	Re-ins
1 day	Mon 31.01.22	Mon 31.01.22	BE-GM												<u> </u>		QDS
2 days	Tue 01.02.22	Wed 02.02.22	EN-HE					1						1	Pa		Q[
1 day	Thu 03.02.22	Thu 03.02.22	TE-VSC											1	th	1	∥ Pt
	74 days 1 day 19.5 days 1 day 1 wk 1 wk 5 days 74 days 0.5 days 0.5 days 1 day 2 days 1 day 7 wks 1 day 1 day 2 days	74 days         Mon 15.11.21           1 day         Mon 15.11.21           19.5 days         Mon 15.11.21           1 day         Mon 15.11.21           1 wk         Mon 15.11.21           1 wk         Mon 29.11.21           5 days         Mon 06.12.21           74 days         Mon 15.11.21           44 days         Mon 22.11.21           0.5 days         Mon 22.11.21           1 day         Mon 22.11.21           2 days         Tue 23.11.21           1 day         Thu 25.11.21           1 day         Fri 26.11.21           1 day         Fri 28.01.22           1 day         Mon 31.01.22           2 days         Tue 01.02.22	74 days         Mon 15.11.21         Thu 10.03.22           1 day         Mon 15.11.21         Mon 15.11.21           19.5 days         Mon 15.11.21         Fri 10.12.21           1 day         Mon 15.11.21         Tue 16.11.21           1 wk         Mon 15.11.21         Mon 22.11.21           5 days         Mon 06.12.21         Fri 10.12.21           74 days         Mon 15.11.21         Thu 10.03.22           44 days         Mon 22.11.21         Thu 03.02.22           0.5 days         Mon 22.11.21         Mon 22.11.21           1 day         Mon 22.11.21         Mon 22.11.21           2 days         Tue 23.11.21         Wed 24.11.21           1 day         Thu 25.11.21         Thu 25.11.21           7 wks         Fri 26.11.21         Thu 27.01.22           1 day         Fri 28.01.22         Fri 28.01.22           1 day         Mon 31.01.22         Mon 31.01.22           2 days         Tue 01.02.22         Wed 02.02.22	74 days         Mon 15.11.21         Thu 10.03.22           1 day         Mon 15.11.21         Mon 15.11.21         TE-VSC           19.5 days         Mon 15.11.21         Fri 10.12.21         BE-GM           1 wk         Mon 15.11.21         Mon 22.11.21 SY-ABT         Tue 16.11.21 SY-ABT           1 wk         Mon 29.11.21         Fri 03.12.21         TE-VSC           5 days         Mon 06.12.21         Fri 10.12.21         SY-ABT;TE-VS           74 days         Mon 15.11.21         Thu 10.03.22           44 days         Mon 22.11.21         Thu 03.02.22           0.5 days         Mon 22.11.21         Mon 22.11.21 TE-VSC           0.5 days         Mon 22.11.21         Mon 22.11.21 TE-VSC           1 day         Mon 22.11.21         Tue 23.11.21 EN-HE           2 days         Tue 23.11.21         EN-HE           1 day         Thu 25.11.21         Thu 27.01.22         TE-MSC           1 day         Fri 28.01.22         Fri 28.01.22         EN-HE           1 day         Mon 31.01.22         Mon 31.01.22         BE-GM           2 days         Tue 01.02.22         Wed 02.02.22         EN-HE	74 days         Mon 15.11.21         Thu 10.03.22           1 day         Mon 15.11.21         Mon 15.11.21 TE-VSC           19.5 days         Mon 15.11.21         Fri 10.12.21           1 day         Mon 15.11.21         Tue 16.11.21 BE-GM           1 wk         Mon 15.11.21         Mon 22.11.21 SY-ABT           1 wk         Mon 29.11.21         Fri 03.12.21         TE-VSC           5 days         Mon 06.12.21         Fri 10.12.21         SY-ABT;TE-VS           74 days         Mon 15.11.21         Thu 10.03.22           44 days         Mon 22.11.21         Thu 03.02.22           0.5 days         Mon 22.11.21         Mon 22.11.21 TE-VSC           0.5 days         Mon 22.11.21         Mon 22.11.21 TE-VSC           1 day         Mon 22.11.21         Tue 23.11.21 EN-HE           2 days         Tue 23.11.21         Wed 24.11.21 EN-HE           1 day         Thu 25.11.21         Thu 27.01.22 TE-MSC           1 day         Fri 28.01.22         Fri 28.01.22 EN-HE           1 day         Mon 31.01.22         Mon 31.01.22 BE-GM           2 days         Tue 01.02.22         Wed 02.02.22 EN-HE	Duratic →         Start         →         Finish         →         Groups         →         F         45           74 days         Mon 15.11.21         Thu 10.03.22         1A         1A </td <td>74 days</td> <td>Duratic → Start         → Finish         → Groups         → F 45 46 47           74 days         Mon 15.11.21         Thu 10.03.22         IA √           1 day         Mon 15.11.21         Mon 15.11.21 TE-VSC         → Sector 1           19.5 days         Mon 15.11.21 Fri 10.12.21         Dair         → KFI           1 wk         Mon 15.11.21 Mon 22.11.21 SY-ABT         → KFI           1 wk         Mon 29.11.21 Fri 03.12.21 TE-VSC         → KFI           5 days         Mon 06.12.21 Fri 10.12.21 SY-ABT; TE-VS         → KFI           74 days         Mon 15.11.21 Thu 10.03.22         QDS01 √√√√           44 days         Mon 22.11.21 Thu 03.02.22         QDS01 √√√           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Ver           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Re           1 day         Mon 22.11.21 Tue 23.11.21 EN-HE         → Sh           2 days         Tue 23.11.21 Thu 25.11.21 EN-HE         → Sh           1 day         Thu 25.11.21 Thu 27.01.22 TE-MSC         → Sh           1 day         Fri 28.01.22 Fri 28.01.22 EN-HE         → HE           1 day         Mon 31.01.22 Mon 31.01.22 BE-GM         Wed 02.02.22 EN-HE</td> <td>Duratic → Start → Finish → Groups → F 45 46 47 48           74 days Mon 15.11.21 Thu 10.03.22         1A</td> <td>  Duratic   Start   Finish   Groups   F   45   46   47   48   49     74 days   Mon 15.11.21   Thu 10.03.22   Inday   Mon 15.11.21   Mon 15.11.21   TE-VSC   Sector 1A venting     19.5 days   Mon 15.11.21   Tue 16.11.21   BE-GM   KFI measurement     1 day   Mon 15.11.21   Mon 22.11.21   SY-ABT   KFI investigati     1 wk   Mon 29.11.21   Fri 03.12.21   TE-VSC   Pump     5 days   Mon 06.12.21   Fri 10.12.21   SY-ABT; TE-VS   KFI investigati     74 days   Mon 15.11.21   Thu 10.03.22   QDS01   QDS01     44 days   Mon 22.11.21   Thu 03.02.22   QDS01   QDS01     0.5 days   Mon 22.11.21   Mon 22.11.21   TE-VSC   Remove beam     1 day   Mon 22.11.21   Tue 23.11.21   TE-VSC   Remove beam     2 days   Tue 23.11.21   Tue 23.11.21   EN-HE   Shielding ope     2 days   Tue 23.11.21   Thu 25.11.21   EN-HE   Extraction to     1 day   Fri 28.01.22   Fri 28.01.22   EN-HE   Extract QDS     2 days   Tue 01.02.22   Wed 02.02.22   EN-HE   Under the start of the st</td> <td>Duratic → Start         → Finish         → Groups         → F 45 46 47 48 49 50           74 days         Mon 15.11.21 Thu 10.03.22         1A         → Sector 1A venting           19.5 days         Mon 15.11.21 Fri 10.12.21         pair         → Mon 15.11.21 Thu 10.12.21           1 day         Mon 15.11.21 Mon 22.11.21 SY-ABT         → KFI investigations           1 wk         Mon 29.11.21 Fri 03.12.21 TE-VSC         → Pump doe           5 days         Mon 06.12.21 Fri 10.12.21 SY-ABT; TE-VS         → RFI venting           74 days         Mon 15.11.21 Thu 10.03.22         1A           44 days         Mon 22.11.21 Thu 03.02.22         QDS01 venting           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Vent line 7000           0.5 days         Mon 22.11.21 Tue 23.11.21 TE-VSC         → Vent line 7000           0.5 days         Mon 22.11.21 Thu 03.02.22         → Vent line 7000           0.5 days         Mon 22.11.21 Thu 05.01.21 TE-VSC         → Remove beam pi           1 day         Mon 22.11.21 Thu 25.11.21 EN-HE         → Shielding openin           2 days         Tue 23.11.21 Thu 27.01.22 TE-MSC         → Extraction toolin           1 day         Fri 28.01.22 Fri 28.01.22 EN-HE         → Extraction toolin           1 day         Mon 31.01.22 Mon 31.01.22 BE-GM         → Mon 31</td> <td>  Duratic   Start   Finish   Groups   F   45   46   47   48   49   50   51    </td> <td>  Duratic   Start   Finish   Groups   F   45   46   47   48   49   50   51   52    </td> <td>Duratic ▼ Start         ▼ Finish         ▼ Groups         ▼ F 45 46 47 48 49 50 51 52 1           74 days         Mon 15.11.21 Thu 10.03.22         1A</td> <td>Duratic</td> <td>Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 45 46 47 48 49 50 51 52 1 2 3           74 days Mon 15.11.21 Thu 10.03.22         1A (manufactural properties)           1 day Mon 15.11.21 Fri 10.12.21         pair (manufactural properties)           19.5 days Mon 15.11.21 Tue 16.11.21 BE-GM         • KFI measurement           1 wk Mon 15.11.21 Fri 03.12.21 Te-VSC         • KFI measurement           1 wk Mon 29.11.21 Fri 03.12.21 Te-VSC         • Went line 7000           5 days Mon 06.12.21 Fri 10.12.21 SY-ABT; Te-VS         • Vent line 7000           0.5 days Mon 22.11.21 Mon 22.11.21 Te-VSC         • Vent line 7000           0.5 days Mon 22.11.21 Tue 23.11.21 EN-HE         • Shielding opening           1 day Mon 22.11.21 Thu 25.11.21 Thu 25.11.21 EN-HE         • Extraction tooling install           1 day Fri 28.01.22 Fri 28.01.22 EN-HE         • Extract QDS01           1 day Mon 31.01.22 Wed 02.02.22 EN-HE         • Extract QDS01</td> <td>  Duratic   Start   Finish   Groups   Factor   F</td>	74 days	Duratic → Start         → Finish         → Groups         → F 45 46 47           74 days         Mon 15.11.21         Thu 10.03.22         IA √           1 day         Mon 15.11.21         Mon 15.11.21 TE-VSC         → Sector 1           19.5 days         Mon 15.11.21 Fri 10.12.21         Dair         → KFI           1 wk         Mon 15.11.21 Mon 22.11.21 SY-ABT         → KFI           1 wk         Mon 29.11.21 Fri 03.12.21 TE-VSC         → KFI           5 days         Mon 06.12.21 Fri 10.12.21 SY-ABT; TE-VS         → KFI           74 days         Mon 15.11.21 Thu 10.03.22         QDS01 √√√√           44 days         Mon 22.11.21 Thu 03.02.22         QDS01 √√√           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Ver           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Re           1 day         Mon 22.11.21 Tue 23.11.21 EN-HE         → Sh           2 days         Tue 23.11.21 Thu 25.11.21 EN-HE         → Sh           1 day         Thu 25.11.21 Thu 27.01.22 TE-MSC         → Sh           1 day         Fri 28.01.22 Fri 28.01.22 EN-HE         → HE           1 day         Mon 31.01.22 Mon 31.01.22 BE-GM         Wed 02.02.22 EN-HE	Duratic → Start → Finish → Groups → F 45 46 47 48           74 days Mon 15.11.21 Thu 10.03.22         1A	Duratic   Start   Finish   Groups   F   45   46   47   48   49     74 days   Mon 15.11.21   Thu 10.03.22   Inday   Mon 15.11.21   Mon 15.11.21   TE-VSC   Sector 1A venting     19.5 days   Mon 15.11.21   Tue 16.11.21   BE-GM   KFI measurement     1 day   Mon 15.11.21   Mon 22.11.21   SY-ABT   KFI investigati     1 wk   Mon 29.11.21   Fri 03.12.21   TE-VSC   Pump     5 days   Mon 06.12.21   Fri 10.12.21   SY-ABT; TE-VS   KFI investigati     74 days   Mon 15.11.21   Thu 10.03.22   QDS01   QDS01     44 days   Mon 22.11.21   Thu 03.02.22   QDS01   QDS01     0.5 days   Mon 22.11.21   Mon 22.11.21   TE-VSC   Remove beam     1 day   Mon 22.11.21   Tue 23.11.21   TE-VSC   Remove beam     2 days   Tue 23.11.21   Tue 23.11.21   EN-HE   Shielding ope     2 days   Tue 23.11.21   Thu 25.11.21   EN-HE   Extraction to     1 day   Fri 28.01.22   Fri 28.01.22   EN-HE   Extract QDS     2 days   Tue 01.02.22   Wed 02.02.22   EN-HE   Under the start of the st	Duratic → Start         → Finish         → Groups         → F 45 46 47 48 49 50           74 days         Mon 15.11.21 Thu 10.03.22         1A         → Sector 1A venting           19.5 days         Mon 15.11.21 Fri 10.12.21         pair         → Mon 15.11.21 Thu 10.12.21           1 day         Mon 15.11.21 Mon 22.11.21 SY-ABT         → KFI investigations           1 wk         Mon 29.11.21 Fri 03.12.21 TE-VSC         → Pump doe           5 days         Mon 06.12.21 Fri 10.12.21 SY-ABT; TE-VS         → RFI venting           74 days         Mon 15.11.21 Thu 10.03.22         1A           44 days         Mon 22.11.21 Thu 03.02.22         QDS01 venting           0.5 days         Mon 22.11.21 Mon 22.11.21 TE-VSC         → Vent line 7000           0.5 days         Mon 22.11.21 Tue 23.11.21 TE-VSC         → Vent line 7000           0.5 days         Mon 22.11.21 Thu 03.02.22         → Vent line 7000           0.5 days         Mon 22.11.21 Thu 05.01.21 TE-VSC         → Remove beam pi           1 day         Mon 22.11.21 Thu 25.11.21 EN-HE         → Shielding openin           2 days         Tue 23.11.21 Thu 27.01.22 TE-MSC         → Extraction toolin           1 day         Fri 28.01.22 Fri 28.01.22 EN-HE         → Extraction toolin           1 day         Mon 31.01.22 Mon 31.01.22 BE-GM         → Mon 31	Duratic   Start   Finish   Groups   F   45   46   47   48   49   50   51	Duratic   Start   Finish   Groups   F   45   46   47   48   49   50   51   52	Duratic ▼ Start         ▼ Finish         ▼ Groups         ▼ F 45 46 47 48 49 50 51 52 1           74 days         Mon 15.11.21 Thu 10.03.22         1A	Duratic	Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 45 46 47 48 49 50 51 52 1 2 3           74 days Mon 15.11.21 Thu 10.03.22         1A (manufactural properties)           1 day Mon 15.11.21 Fri 10.12.21         pair (manufactural properties)           19.5 days Mon 15.11.21 Tue 16.11.21 BE-GM         • KFI measurement           1 wk Mon 15.11.21 Fri 03.12.21 Te-VSC         • KFI measurement           1 wk Mon 29.11.21 Fri 03.12.21 Te-VSC         • Went line 7000           5 days Mon 06.12.21 Fri 10.12.21 SY-ABT; Te-VS         • Vent line 7000           0.5 days Mon 22.11.21 Mon 22.11.21 Te-VSC         • Vent line 7000           0.5 days Mon 22.11.21 Tue 23.11.21 EN-HE         • Shielding opening           1 day Mon 22.11.21 Thu 25.11.21 Thu 25.11.21 EN-HE         • Extraction tooling install           1 day Fri 28.01.22 Fri 28.01.22 EN-HE         • Extract QDS01           1 day Mon 31.01.22 Wed 02.02.22 EN-HE         • Extract QDS01	Duratic   Start   Finish   Groups   Factor   F



## AD Magnet BHW49



						1																	
						No	lov '2	1			De	ec '21	1	+		Jan	'22			Fel	22' 0		
•	Duratic ▼	Start 🔻	Finish 🔻	Groups 🔻	F	45	1 46	5 4	17 4	18 4	19	50	51	52	1	2	3	4	5	6	7	8	9
₄ BHW49	74 days	Mon 15.11.21	Thu 10.03.22			49	0////	<u> </u>		umim.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ummi	nunii	,,,,,,,,		<u></u>		umum	4111111	,,,,,,,,,	ummin	unnun	<i>,,,,,,,</i>
Shielding opening for BHW49	2 days	Mon 15.11.21	Tue 16.11.21	EN-HE			<u> </u>	Shie	lding	ope	ning	for	BHW	49									
Cut vac chamber BHW48	1 day	Wed 17.11.21	Wed 17.11.21	EN-MME			•	Cut	vac	cham	ber	BHV	V48										
Extract BHW49	0.5 days	Thu 18.11.21	Thu 18.11.21	EN-HE			I	Ext	ract	BHW	49												
Shielding close partially	2 days	Thu 18.11.21	Mon 22.11.21	EN-HE				•	Shiel	ding	clos	e pai	rtially	'									
BHW49 refurbish	9 wks	Thu 18.11.21	Thu 03.02.22	TE-MSC			L	01010		0100000	100000	000000			00000	in man		**********	В	HW4	9 retu	urbis	h
Open shielding BHW49	2 days	Thu 03.02.22	Mon 07.02.22	EN-HE								/	5				Γ	7		Ор	en shi	ieldir	g B
Re-install BHW49	1 day	Mon 07.02.22	Tue 08.02.22	EN-HE						D	ela	aye	d					C		Į Re	-insta	II BH	W4
BHW49 Alignment	1 day	Tue 08.02.22	Wed 09.02.22	BE-GM														THE STATE OF THE S		BI	HW49	) Alig	nme
Weld vac chamber BHW49	2 days	Wed 09.02.22	Fri 11.02.22	EN-MME														cal	. 1	<b>I</b>	Weld:	vac c	han
Sector 1A closure and leak detection	2 days	Fri 11.02.22	Tue 15.02.22	TE-VSC														L'ALL	<u> </u>		Sec	tor 1	A cl
Close shielding BHW49	2 days	Fri 11.02.22	Tue 15.02.22	EN-HE														7		7	Clo	se sh	ield
Bake out install sect 1A	1 wk	Tue 15.02.22	Tue 22.02.22	TE-VSC															7			Bai	e o
Bake out sect 1A	2.5 wks	Tue 22.02.22	Thu 10.03.22	TE-VSC																			



## Sect 3: AD e-cooler



	_																				
						No	ov '21	47	40		)ec '21	1	2 4	Jar	1'22			Feb	o '22	0	0 14
Name	▼ Duratic ▼	Start ▼	Finish •	Groups	₩ F	45	46	4/	48	49	50	51 5	2 1	2	3	4	5	б	1	8	9 10
4 AD Sect 3	44.5 days	Mon 13.12.21	Fri 25.02.22					ΑĮ	Sec	t 3										Z7	
Vent sector 3	1 day	Mon 13.12.21	Mon 13.12.21	TE-VSC							∥ Ver	nt sect	or 3							i	
New gun install	1 wk	Tue 14.12.21	Mon 20.12.21	SY-BI							·····	New	gun ir	stall							
Pump down / leak test sector 3	2 days	Tue 21.12.21	Wed 05.01.22	TE-VSC					В		5		1	Pump	dow	n / le	ak te	st se	ctor 3		
Bake-out install sect 3	2 days	Mon 14.02.22	Tue 15.02.22	TE-VSC					lab		tx7								Bak	e-ou	t instal
Bake out sector 3	1.5 wks	Wed 16.02.22	Fri 25.02.22	TE-VSC				_	gu		.		Ĭ.	İ						B	ke ou



#### **ELENA** works



						Nov	/ '21				De	c '21				Jan	'22		
Name 🔻	Duratic 🕶	Start ▼	Finish 🔻	Groups 🔻	F	45	46	47	4	8 4	9 5	50	51   5	52	1	2	3	4	5
△ ELENA works	79 days	Mon 15.11.21	Thu 17.03.22		r	(S	<u> </u>	innum	anda	anian	anima	main		andri					iiiii
Measurement of lines	2 wks	Mon 15.11.21	Fri 26.11.21	BE-GM		į		-	Me	easur	reme	ent	f line	s					
Update of ISEG cards	3 days	Mon 22.11.21	Wed 24.11.21	SY-EPC				<b>=</b> '	Upd	ate o	of ISI	G c	ards						
lon source maintenance	6 wks	Mon 29.11.21	Fri 21.01.22	BE-ABP				<u>.</u>										lon s	sou
Tests on the source spare HV transformer	1 wk	Mon 24.01.22	Fri 20.01.22	TE-EPC	1														To:
WiC apdate (TBC)	1 day	Mon 17.01.22	Mon 17.01.22		+	- 1				+	+	- 1		- 1			₩.	C up	dat
△ LNE51 connect to LNE50	79 days	Mon 15.11.21	Thu 17.03.22		1	0	,,,,,,,,	man	iii i	anian	aaaaa	min		adai.	anna				ina
Vent LNE50 + remove beam pipe + TBS	1 day	Mon 15.11.21	Mon 15.11.21	SY-STI;TE-VS0			• Ve	nt Li	NE5	0 + r	emo	ve b	eam	pipe	+ TI	35			
Swap ZQNA5050	1 day	Thu 18.11.21	Thu 18.11.21				• 5	war	p ZC	QNA5	050	- 1							
Install supports ZDF+ZDS	3 days	Mon 29.11.21	Wed 01.12.21	SY-ABT;TE-VS						Inst	all s	uppi	orts Z0	DF+	ZDS				
SEM 5125 + 5140 install	1 day	Mon 13.12.21	Mon 13.12.21	SY-BI;TE-VSC							- 1	SEŅ	5125	5 † 5	140	insta	ill		
Align LNE51 + ZQNA5050	2 days	Tue 14.12.21	Wed 15.12.21	BE-GM								Aļi	gn LN	E51	+ ZC	NA5	050		
Vac connect + Leak detection	2 days	Thu 16.12.21	Fri 17.12.21	TE-VSC								<b>■</b> V	ac co	nne	ct + l	.eak	dete	ction	1
Install BO equip	1 wk	Mon 14.02.22	Fri 18.02.22	TE-VSC															
LNE51 + LNE50 Bake-out	2 wks	Mon 21.02.22	Fri 04.03.22	TE-VSC	1.														
LNE51 Smoothing	3 days	Mon 07.03.22	Wed 09.03.22	BE-GM	1				Î										
Connect cables	1 day	Thu 10.03.22	Thu 10.03.22	SY-ABT	ļ.,				Î			Ĭ							
Power converters commissioning	0.5 wks	Fri 11.03.22	Tue 15.03.22	TE-EPC								-							
Control / Software commissioning	0.5 wks	Tue 15.03.22	Thu 17.03.22	BE-CO;BE-OP				-				-							



#### Service disruptions



					Nov '21			Dec '21						Jan	'22			Fe	b '22			M	ar '	
Duratic ▼	Start 🔻	Finish 🔻	Groups 🔻	F 4	14	45	46	47	48	49	50	51	. 52	1	2	3	4	5	6	7	8	9	10	11
51 days	Fri 26.11.21	Fri 18.02.22		r	un-a	vailal	oility	<u> </u>	44444	,,,,,,,,		iiiiiiii	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	,i,,,,,,,					,,,,,,,,,	<u>innu</u>				
3 days	Fri 26.11.21	Tue 30.11.21	EN-CV	ļ					De	min	erali	zed	wate	r una	vailb	le 20	21							:
2 days	Tue 21.12.21	Wed 05.01.22	EN-CV												Demi	neral	ized v	wate	r una	vailb	le Xm	as 2(	021	:
5 days	Mon 14.02.22	Fri 18.02.22	EN-CV																		Dem	nera	lized	wa
37 days	Thu 16.12.21	Fri 18.02.22		ļ	Cry	ogen/	nics	un-a	vaila	bility	<b>1</b> 🗫			,,,,,,,,,						<u>innus</u>				
13 d <mark>a</mark> ys	Thu 16.12.21	Mon 17.01.22	TE-CRG													Cr	yo pla	int X	mas	stop				
1 wk	Mon 14.02.22	Fri 18.02.22	TE-CRG														T	BC	<u>'</u>		Cryo	main	tena	nce
3 days	Fri 26.11.21	Tue 30.11.21		ļ	P	ower	cuts	<b>D</b>	Ż										, :					:
2 days	Fri 26.11.21	Mon 29.11.21	EN-EL						AU	G te	sts 2	021					:		; :					
1 day	Tue 30.11.21	Tue 30.11.21	EN-EL	ļ					Se	cure	d ne	two	rks te	sts 2	021									
6 wks	Fri 17.06.22	Thu 28.07.22	SCE-SAM	ļ																				
8 wks	Tue 19.04.22	Thu 16.06.22	EN-HE	ļ																				•••••
	51 days 3 days 2 days 5 days 37 days 13 days 1 wk 3 days 2 days 1 day 6 wks	51 days         Fri 26.11.21           3 days         Fri 26.11.21           12 days         Tue 21.12.21           5 days         Mon 14.02.22           37 days         Thu 16.12.21           13 days         Thu 16.12.21           1 wk         Mon 14.02.22           3 days         Fri 26.11.21           2 days         Fri 26.11.21           1 day         Tue 30.11.21           6 wks         Fri 17.06.22	51 days         Fri 26.11.21         Fri 18.02.22           3 days         Fri 26.11.21         Tue 30.11.21           12 days         Tue 21.12.21         Wed 05.01.22           5 days         Mon 14.02.22         Fri 18.02.22           37 days         Thu 16.12.21         Fri 18.02.22           13 days         Thu 16.12.21         Mon 17.01.22           1 wk         Mon 14.02.22         Fri 18.02.22           3 days         Fri 26.11.21         Tue 30.11.21           2 days         Fri 26.11.21         Mon 29.11.21           1 day         Tue 30.11.21         Tue 30.11.21           6 wks         Fri 17.06.22         Thu 28.07.22	51 days         Fri 26.11.21         Fri 18.02.22           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV           12 days         Tue 21.12.21         Wed 05.01.22         EN-CV           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Fri 18.02.22         TE-CRG           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           3 days         Fri 26.11.21         Tue 30.11.21         EN-EL           2 days         Fri 26.11.21         Mon 29.11.21         EN-EL           1 day         Tue 30.11.21         Tue 30.11.21         EN-EL           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM	51 days         Fri 26.11.21         Fri 18.02.22         r           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV           I2 days         Tue 21.12.21         Wed 05.01.22         EN-CV           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Fri 18.02.22         EN-CV           1 wk         Mon 14.02.21         Mon 17.01.22         TE-CRG           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           3 days         Fri 26.11.21         Tue 30.11.21         EN-EL           2 days         Fri 26.11.21         Mon 29.11.21         EN-EL           1 day         Tue 30.11.21         Tue 30.11.21         EN-EL           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM	51 days         Fri 26.11.21         Fri 18.02.22         r un-a           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV           12 days         Tue 21.12.21         Wed 05.01.22         EN-CV           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Fri 18.02.22         EC-CRG           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           3 days         Fri 26.11.21         Tue 30.11.21         P           2 days         Fri 26.11.21         Mon 29.11.21 EN-EL         Tue 30.11.21 EN-EL           1 day         Tue 30.11.21         Tue 30.11.21 EN-EL         Thu 28.07.22         SCE-SAM	Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 44 45           51 days         Fri 26.11.21         Fri 18.02.22         r un-availal           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV           12 days         Tue 21.12.21         Wed 05.01.22         EN-CV           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Fri 18.02.22         Cryogen           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           3 days         Fri 26.11.21         Tue 30.11.21         Power           2 days         Fri 26.11.21         Mon 29.11.21 EN-EL         Hon-EL           1 day         Tue 30.11.21         Tue 30.11.21         EN-EL           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM	Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 44 45 46           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Image: EN-CV         I	Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 44 45 46 47           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability         vzzz           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Image:	Duratic →         Start         →         Finish         →         Groups         →         r         44         45         46         47         48           51 days         Fri 26.11.21         Fri 18.02.22         Fri 26.11.21         Tue 30.11.21         EN-CV         De         De           12 days         Tue 21.12.21         Wed 05.01.22         EN-CV         EN-CV         De         De	Duratic ▼ Start ▼ Finish ▼ Groups ▼ F 44 45 46 47 48 49           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability         Demin           3 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Demin           2 days         Tue 21.12.21         Wed 05.01.22         EN-CV         EN-CV           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Mon 17.01.22         TE-CRG           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           3 days         Fri 26.11.21         Tue 30.11.21         Power cuts           2 days         Fri 26.11.21         Mon 29.11.21 EN-EL         AUG tes           1 day         Tue 30.11.21         Tue 30.11.21 EN-EL         Secure	Duratic → Start         Finish → Groups → F         44   45   46   47   48   49   50           51 days         Fri 26.11.21   Tue 30.11.21   EN-CV   EN-CV   EN-CV   EN-CV   Fri 18.02.22   EN-CV   EN-CV	Duratic →         Start         →         Finish         →         Groups         →         F         44         45         46         47         48         49         50         51           51 days         Fri 26.11.21         Fri 18.02.22         EN-CV         Image: Cryogennics un-availability         Demineralized           12 days         Tue 21.12.21         Wed 05.01.22         EN-CV         Image: Cryogennics un-availability         Image: Cryogennics un-availability <td< th=""><th>Duratic → Start         → Finish → Groups → F 44 45 46 47 48 49 50 51 52           51 days         Fri 26.11.21 Fri 18.02.22 Fri 26.11.21 Tue 30.11.21 EN-CV         Demineralized water           12 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Cryogennics un-availability           37 days         Thu 16.12.21 Fri 18.02.22 TE-CRG         Cryogennics un-availability           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         Power cuts           3 days         Fri 26.11.21 Tue 30.11.21 FN-EL         AUG tests 2021           1 day         Tue 30.11.21 Tue 30.11.21 EN-EL         Secured networks tests           6 wks         Fri 17.06.22 Thu 28.07.22 SCE-SAM</th><th>Duratic → Start         → Finish         → Groups         → F 44 45 46 47 48 49 50 51 52 1           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability           3 days         Fri 26.11.21         Tue 30.11.21 EN-CV         Demineralized water una           12 days         Tue 21.12.21         Wed 05.01.22 EN-CV         Demineralized water una           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Mon 17.01.22 TE-CRG         Cryogennics un-availability           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           2 days         Fri 26.11.21         Tue 30.11.21         Power cuts           2 days         Fri 26.11.21         Mon 29.11.21 EN-EL         AUG tests 2021           1 day         Tue 30.11.21         EN-EL         Secured networks tests 2           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM</th><th>Duratic → Start         → Finish         → Groups         → F 44 45 46 47 48 49 50 51 52 1 2           51 days         Fri 26.11.21 Fri 18.02.22 Fri 18.0</th><th>Duratic → Start         Finish         → Groups         → F         44         45         46         47         48         49         50         51         52         1         2         3           51 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Demineralized water unavailability         Demineralized water unavailable 20           2 days         Mon 14.02.22         Fri 18.02.22         EN-CV         Demineralized water unavailable 20           37 days         Thu 16.12.21         Fri 18.02.22         EN-CV         Cryogennics un-availability         Demineralized water unavailable 20           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG         Cryogennics un-availability         Cryogennics unavailability         <t< th=""><th>Duratic → Start         Finish → Groups → F         44 45 46 47 48 49 50 51 52 1 2 3 4           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability         Demineralized water unavailble 2021           3 days         Fri 26.11.21         Wed 05.01.22 EN-CV         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22 EN-CV         Demineralized water unavailble 2021           37 days         Thu 16.12.21         Fri 18.02.22 EN-CV         Cryogennics un-availability         Cryo plantics un-availability           1 wk         Mon 14.02.22         Fri 18.02.22 TE-CRG         Cryo plantics un-availability         Cryo plantics un-availability           2 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           1 day         Tue 30.11.21         EN-EL         AUG tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM</th><th>Duratic ▼ Start         ▼ Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5           51 days         Fri 26.11.21 Fri 18.02.22 Fri 18.02.22 EN-CV         Fri 26.11.21 Wed 05.01.22 EN-CV         Demineralized water unavailable 2021           2 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailable 2021         Cryogennics unavailability           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics unavailability         Cryo plant X           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fn 20.11.21 EN-EL         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021           1 day         Tue 30.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021</th><th>Duratic ▼ Start         Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6           51 days         Fri 26.11.21         Fri 18.02.22         Fri 18.02.22         Pun-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21         Wed 05.01.22         EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV         Demineralized water unavailble 2021         Cryogennics unavailability           1 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           2 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           3 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         TBC           3 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           2 days         Fri 26.11.21         Mon 29.11.21         EN-EL         Secured networks tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM         Secured networks tests 2021</th><th>Duratic Start Finish Groups F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7  51 days Fri 26.11.21 Fri 18.02.22</th><th>Duratic ▼         Start         ▼         Finish         ▼         Groups         ▼         F         44         45         46         47         48         49         50         51         52         1         2         3         4         5         6         7         8           51 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Image: Company of the co</th><th>Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9           51 days         Fri 26.11.21 Fri 18.02.22         run-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 20         Demineralized water unavailble Xmas 20           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Cryogennics un-availability         Demineralized water unavailble Xmas 20           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics un-availability         Cryogennics un-availability           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         Cryo plant Xmas stop         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fin EN-EL         AUG tests 2021         TBC         Cryo main           4 days         Fri 26.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021         TBC         TBC</th><th>Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10           51 days         Fri 26.11.21 Fri 18.02.22 Fri 26.11.21 Tue 30.11.21 EN-CV         Fri 26.11.21 Tue 30.11.21 EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           13 days         Thu 16.12.21 Mon 17.01.22 TE-CRG         Cryogennics un-availability         Cryo plant Xmas stop         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 Fe-CRG         Power cuts         AUG tests 2021         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021         Secured networks tests 2021</th></t<></th></td<>	Duratic → Start         → Finish → Groups → F 44 45 46 47 48 49 50 51 52           51 days         Fri 26.11.21 Fri 18.02.22 Fri 26.11.21 Tue 30.11.21 EN-CV         Demineralized water           12 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Cryogennics un-availability           37 days         Thu 16.12.21 Fri 18.02.22 TE-CRG         Cryogennics un-availability           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         Power cuts           3 days         Fri 26.11.21 Tue 30.11.21 FN-EL         AUG tests 2021           1 day         Tue 30.11.21 Tue 30.11.21 EN-EL         Secured networks tests           6 wks         Fri 17.06.22 Thu 28.07.22 SCE-SAM	Duratic → Start         → Finish         → Groups         → F 44 45 46 47 48 49 50 51 52 1           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability           3 days         Fri 26.11.21         Tue 30.11.21 EN-CV         Demineralized water una           12 days         Tue 21.12.21         Wed 05.01.22 EN-CV         Demineralized water una           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV           37 days         Thu 16.12.21         Mon 17.01.22 TE-CRG         Cryogennics un-availability           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG           2 days         Fri 26.11.21         Tue 30.11.21         Power cuts           2 days         Fri 26.11.21         Mon 29.11.21 EN-EL         AUG tests 2021           1 day         Tue 30.11.21         EN-EL         Secured networks tests 2           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM	Duratic → Start         → Finish         → Groups         → F 44 45 46 47 48 49 50 51 52 1 2           51 days         Fri 26.11.21 Fri 18.02.22 Fri 18.0	Duratic → Start         Finish         → Groups         → F         44         45         46         47         48         49         50         51         52         1         2         3           51 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Demineralized water unavailability         Demineralized water unavailable 20           2 days         Mon 14.02.22         Fri 18.02.22         EN-CV         Demineralized water unavailable 20           37 days         Thu 16.12.21         Fri 18.02.22         EN-CV         Cryogennics un-availability         Demineralized water unavailable 20           1 wk         Mon 14.02.22         Fri 18.02.22         TE-CRG         Cryogennics un-availability         Cryogennics unavailability         Cryogennics unavailability <t< th=""><th>Duratic → Start         Finish → Groups → F         44 45 46 47 48 49 50 51 52 1 2 3 4           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability         Demineralized water unavailble 2021           3 days         Fri 26.11.21         Wed 05.01.22 EN-CV         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22 EN-CV         Demineralized water unavailble 2021           37 days         Thu 16.12.21         Fri 18.02.22 EN-CV         Cryogennics un-availability         Cryo plantics un-availability           1 wk         Mon 14.02.22         Fri 18.02.22 TE-CRG         Cryo plantics un-availability         Cryo plantics un-availability           2 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           1 day         Tue 30.11.21         EN-EL         AUG tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM</th><th>Duratic ▼ Start         ▼ Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5           51 days         Fri 26.11.21 Fri 18.02.22 Fri 18.02.22 EN-CV         Fri 26.11.21 Wed 05.01.22 EN-CV         Demineralized water unavailable 2021           2 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailable 2021         Cryogennics unavailability           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics unavailability         Cryo plant X           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fn 20.11.21 EN-EL         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021           1 day         Tue 30.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021</th><th>Duratic ▼ Start         Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6           51 days         Fri 26.11.21         Fri 18.02.22         Fri 18.02.22         Pun-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21         Wed 05.01.22         EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV         Demineralized water unavailble 2021         Cryogennics unavailability           1 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           2 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           3 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         TBC           3 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           2 days         Fri 26.11.21         Mon 29.11.21         EN-EL         Secured networks tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM         Secured networks tests 2021</th><th>Duratic Start Finish Groups F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7  51 days Fri 26.11.21 Fri 18.02.22</th><th>Duratic ▼         Start         ▼         Finish         ▼         Groups         ▼         F         44         45         46         47         48         49         50         51         52         1         2         3         4         5         6         7         8           51 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Image: Company of the co</th><th>Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9           51 days         Fri 26.11.21 Fri 18.02.22         run-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 20         Demineralized water unavailble Xmas 20           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Cryogennics un-availability         Demineralized water unavailble Xmas 20           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics un-availability         Cryogennics un-availability           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         Cryo plant Xmas stop         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fin EN-EL         AUG tests 2021         TBC         Cryo main           4 days         Fri 26.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021         TBC         TBC</th><th>Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10           51 days         Fri 26.11.21 Fri 18.02.22 Fri 26.11.21 Tue 30.11.21 EN-CV         Fri 26.11.21 Tue 30.11.21 EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           13 days         Thu 16.12.21 Mon 17.01.22 TE-CRG         Cryogennics un-availability         Cryo plant Xmas stop         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 Fe-CRG         Power cuts         AUG tests 2021         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021         Secured networks tests 2021</th></t<>	Duratic → Start         Finish → Groups → F         44 45 46 47 48 49 50 51 52 1 2 3 4           51 days         Fri 26.11.21         Fri 18.02.22         r un-availability         Demineralized water unavailble 2021           3 days         Fri 26.11.21         Wed 05.01.22 EN-CV         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22 EN-CV         Demineralized water unavailble 2021           37 days         Thu 16.12.21         Fri 18.02.22 EN-CV         Cryogennics un-availability         Cryo plantics un-availability           1 wk         Mon 14.02.22         Fri 18.02.22 TE-CRG         Cryo plantics un-availability         Cryo plantics un-availability           2 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           1 day         Tue 30.11.21         EN-EL         AUG tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM	Duratic ▼ Start         ▼ Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5           51 days         Fri 26.11.21 Fri 18.02.22 Fri 18.02.22 EN-CV         Fri 26.11.21 Wed 05.01.22 EN-CV         Demineralized water unavailable 2021           2 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailable 2021         Cryogennics unavailability           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics unavailability         Cryo plant X           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fn 20.11.21 EN-EL         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021           1 day         Tue 30.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021	Duratic ▼ Start         Finish         ▼ Groups         ▼ F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6           51 days         Fri 26.11.21         Fri 18.02.22         Fri 18.02.22         Pun-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21         Wed 05.01.22         EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           5 days         Mon 14.02.22         Fri 18.02.22         EN-CV         Demineralized water unavailble 2021         Cryogennics unavailability           1 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           2 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         Cryogennics unavailability         Cryogennics unavailability           3 days         Thu 16.12.21         Mon 17.01.22         TE-CRG         TBC           3 days         Fri 26.11.21         Tue 30.11.21         Power cuts         AUG tests 2021           2 days         Fri 26.11.21         Mon 29.11.21         EN-EL         Secured networks tests 2021           6 wks         Fri 17.06.22         Thu 28.07.22         SCE-SAM         Secured networks tests 2021	Duratic Start Finish Groups F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7  51 days Fri 26.11.21 Fri 18.02.22	Duratic ▼         Start         ▼         Finish         ▼         Groups         ▼         F         44         45         46         47         48         49         50         51         52         1         2         3         4         5         6         7         8           51 days         Fri 26.11.21         Tue 30.11.21         EN-CV         Image: Company of the co	Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9           51 days         Fri 26.11.21 Fri 18.02.22         run-availability         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 20         Demineralized water unavailble Xmas 20           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Cryogennics un-availability         Demineralized water unavailble Xmas 20           37 days         Thu 16.12.21 Fri 18.02.22 Fri 18.02.22 TE-CRG         Cryogennics un-availability         Cryogennics un-availability           1 wk         Mon 14.02.22 Fri 18.02.22 TE-CRG         TE-CRG         Cryo plant Xmas stop         TBC           3 days         Fri 26.11.21 Tue 30.11.21 Fin EN-EL         AUG tests 2021         TBC         Cryo main           4 days         Fri 26.11.21 Tue 30.11.21 EN-EL         Secured networks tests 2021         TBC         TBC	Duratic → Start         Finish → Groups → F 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10           51 days         Fri 26.11.21 Fri 18.02.22 Fri 26.11.21 Tue 30.11.21 EN-CV         Fri 26.11.21 Tue 30.11.21 EN-CV         Demineralized water unavailble 2021         Demineralized water unavailble 2021           2 days         Tue 21.12.21 Wed 05.01.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           5 days         Mon 14.02.22 Fri 18.02.22 EN-CV         Demineralized water unavailble Xmas 2021         Demineralized water unavailble Xmas 2021           13 days         Thu 16.12.21 Mon 17.01.22 TE-CRG         Cryogennics un-availability         Cryo plant Xmas stop         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 Fe-CRG         Power cuts         AUG tests 2021         Cryo maintena           3 days         Fri 26.11.21 Tue 30.11.21 EN-EL         AUG tests 2021         Secured networks tests 2021