

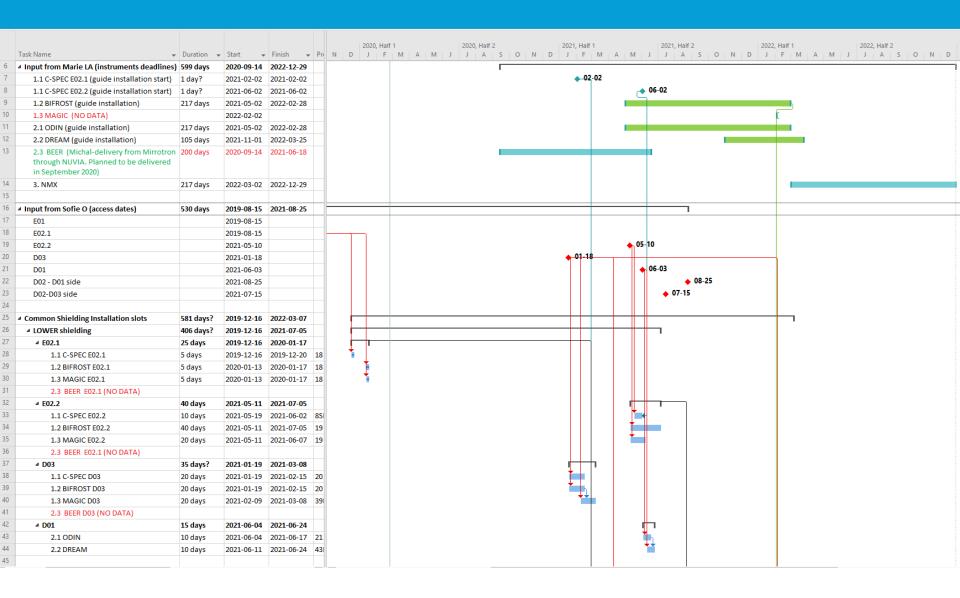
Common Guide Shielding

Zvonko Lazic – Project Manager

Senad Kudumovic – Mechanical Design Engineer

SCHEDULE





SCHEDULE



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	Task Name	Duration •	Start +	Finish 🔻	Pro	2020, Half N D J F		2020, H M J J		N D	2021, Half 1 J F I		2021, Half 2 A M J J A S O N	2022, Half 1 D J F	2022, Half 2 M A M J J A S O N D
46	△ UPPER shielding	264 days	2021-03-03	2022-03-07											
47	△ E02.1	264 days	2021-03-03	2022-03-07	271						T			1	
48	1.1 C-SPEC E02.1	15 days	2021-03-03	2021-03-23	7						1				
49	1.2 BIFROST E02.1	15 days	2022-02-15	2022-03-07	9F:									→ 00000	
50	1.3 MAGIC E02.1 (NO DATA)														
51	2.3 BEER E02.1 (NO DATA)														
52	△ E02.2	138 days	2021-08-26	2022-03-07	321								T		
53	1.1 C-SPEC E02.2	15 days	2021-08-26	2021-09-15											
54	1.2 BIFROST E02.2	15 days	2022-02-15	2022-03-07	9									*1000	
55	1.3 MAGIC E02.2 (NO DATA)														
56	2.3 BEER E02.1 (NO DATA)														
57	△ D03	234 days	2021-04-14	2022-03-07											
58	1.1 C-SPEC D03	20 days	2021-04-14	2021-05-11	20							*			
59	1.2 BIFROST D03	20 days	2022-02-08	2022-03-07	20									*	
60	1.3 MAGIC D03 (NO DATA)														
61	2.3 BEER D03 (NO DATA)														
62		1 day?	2021-03-30	2021-03-30											
63	<new task=""></new>														
64	4	1 day?	2021-03-30	2021-03-30								1			
65		1 day?	2021-03-30	2021-03-30											
66															
67	Mechanical Design	448,57 days	2019-02-01	2020-10-21	H					1					
92															
150	Procurement	199 days	2019-04-15	2020-01-16	ı										
160															
162															
163	Manufacturing	345 days	2019-12-26	2021-04-21									7		
164	Contract innitiation	5 days	2019-12-26	2020-01-01	15!	I									
165	▲ E02.1 lower blocks (Instruments 1.1-1.3)	110 days	2020-01-02	2020-06-03				\neg							
166	Manuf. Design	30 days	2020-01-02	2020-02-12	164	*									
167	Manufacturing	60 days	2020-02-13	2020-05-06	160	*									
168	Delivery	20 days	2020-05-07	2020-06-03	16		1								
169	△ D03 lower blocks (Instruments 1.1-1.3)	110 days	2020-02-13	2020-07-15		肿									
170	Manuf. Design	30 days	2020-02-13	2020-03-25	160	*									
171	Manufacturing	60 days	2020-03-26	2020-06-17	170										
172	Delivery	20 days	2020-06-18	2020-07-15	17:			*							
173	△ D01 lower blocks (Instruments 1.1-1.3)	110 days	2020-03-26	2020-08-26			+		\neg						
174	Manuf. Design	30 days	2020-03-26	2020-05-06	170		*								
175	Manufacturing	60 days	2020-05-07	2020-07-29	174										
176	Delivery	20 days	2020-07-30	2020-08-26	17:										
177	▲ Remainder of instruments 1.1-1.3	160 days	2020-05-07	2020-12-16			г								
170	Manual Dustin	co decre	2020 05 07	2020 07 20	47		*								

Common Guide Shielding Update



The production of the Common Shielding Project has been recently awarded to a Spanish company (PACADAR)

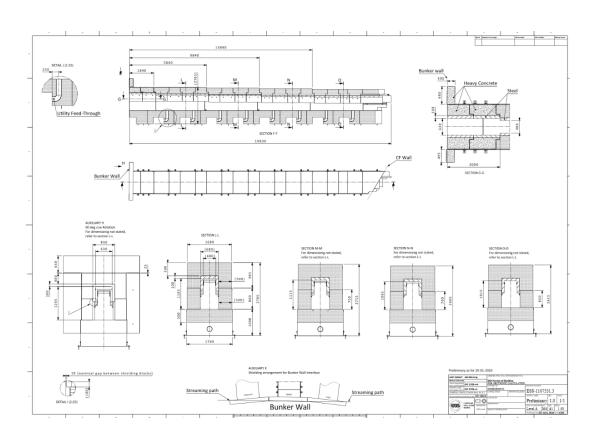


Informations about guide shielding

https://confluence.esss.lu.se/display/SPD/Instrument+shielding



- ESS numbers
- Drawings for neutronic validation
- Pictures

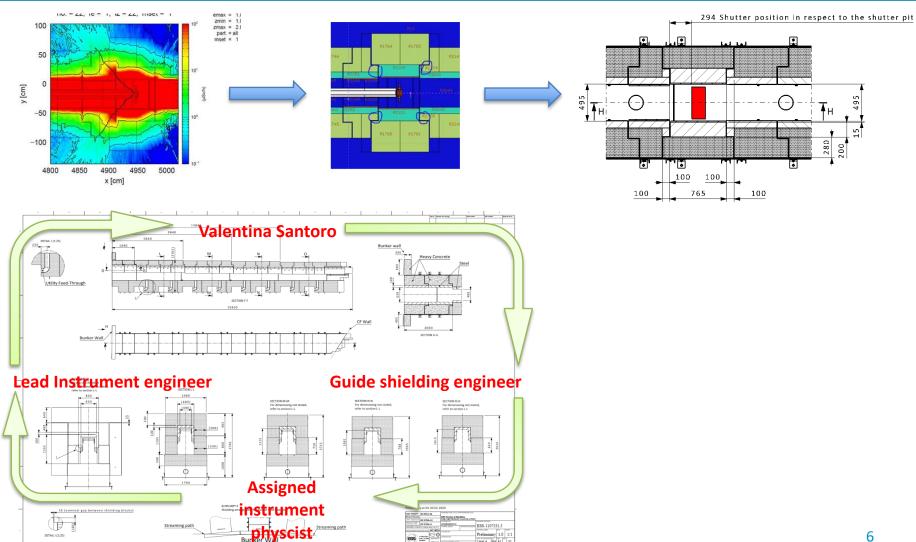






How it works?





Ongoing Work

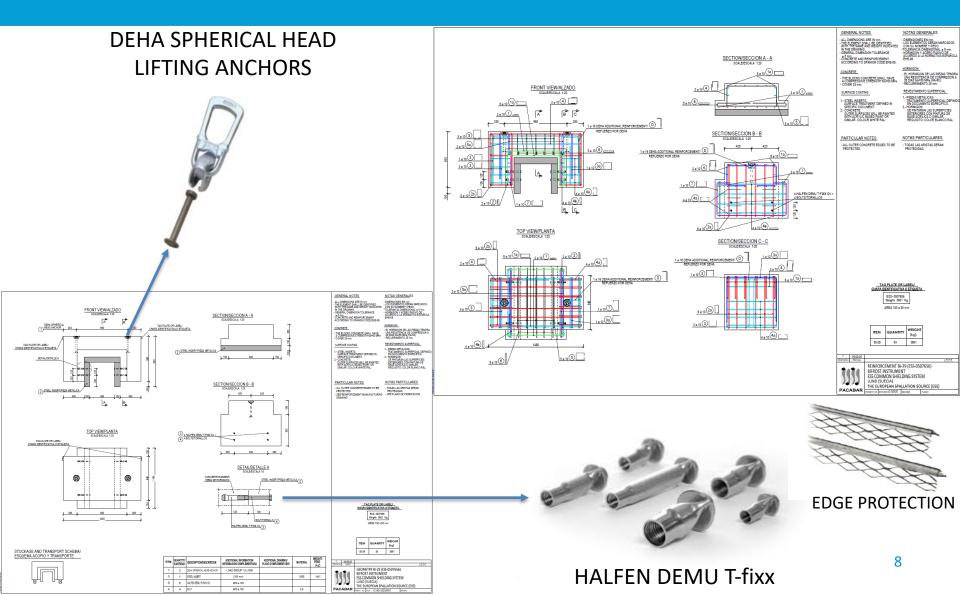


Priority on C-SPEC and BIFROST guide shielding

- First review (TG3) of the common guide shielding system (C-SPEC) will be orginized for Week starting 23rd of March 2020.
 - Release process of the C-SPEC Guide Shielding drawings started this week.
- Second review (TG3) of the common guide shielding system (BIFROST) will be orginized in May 2020.
 - Release process of the BIFROST Guide shielding will start after neutronic validation is concluded.

Meanwhile....



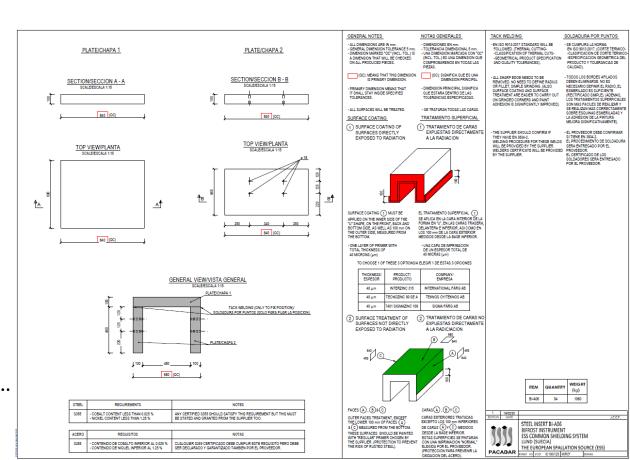


Meanwhile....



Setting up:

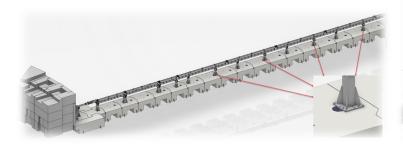
- Steel requirements
 - Ni Content
 - Co Conntent
- Surface treatement (TBY)
 - Pretreatment
 - Paint requirement
 - After treatment
- Welding
 - Welding certificates
 - Welding procedures
 - Welder certificates
- QC marking, edge removal......

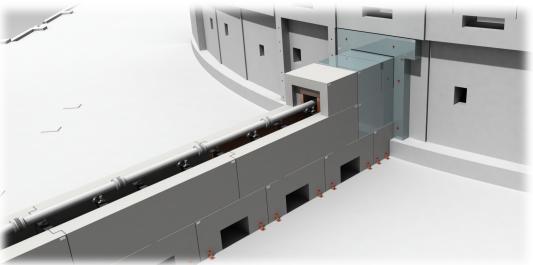


Critical areas

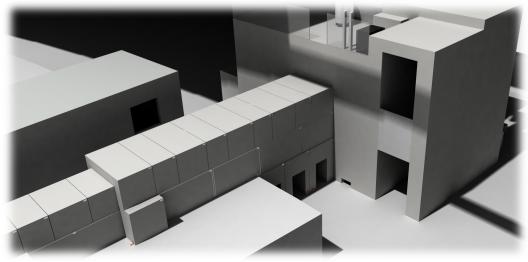


- Bunker Wall
- CF Wall
- Cave



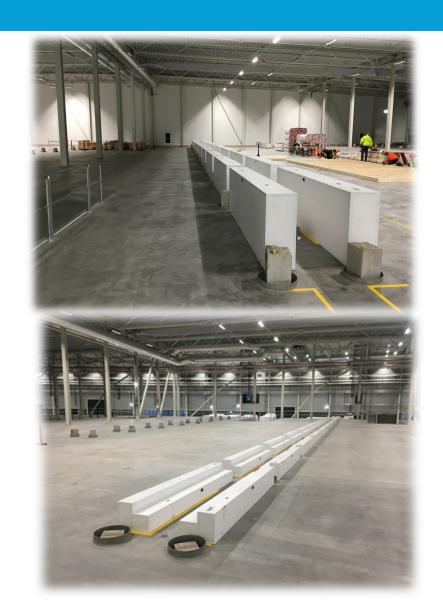






Meanwhile....











Thank you for your attention.

Questions?