

Items supplied by CERN and procurement plan

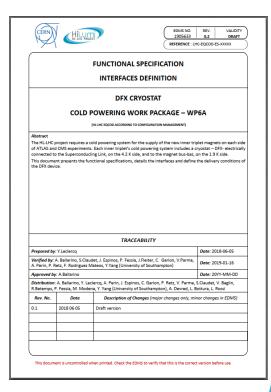
Y.Leclercq on behalf of the DF development team WP6a 31 Jan. 2019

Conceptual design review of the DFX

Items supplied by CERN

Defined in DFX functional specification EDMS 1905633 §4

- Insulation vacuum:
 - Elastomer seals (specific to the integrated dose)
 - Pumps, valves and pressure transducers
- Cryogenics:
 - Wired instrumentation and electrical feedthroughs
 - Electrical heaters
 - Safety relief pressure devices
- Survey:
 - External survey targets for installation.
- Circuit protection:
 - V-taps feedthroughs.
- Test in SM18:
 - Supporting structure and installation tooling.





Procurement plan

Proc. proto

Design

Proc.

Insulation vacuum:

Circuit protection hardware

SM18 test supports & tooling

ŀ	Elastomer seals (spec Hardware (installed @			egrated	d dose))	No No	Yes Yes	String test String test	2021 2021
Cryogenics instrumentation, hardware						Yes	Yes	Assy proto	Q3 2019	
Ci	rcuit protection: V-taps f	eedthr	oughs				Yes	Yes	Assy proto	Q3 2019
Test in SM18: Supporting structure and installation tooling.						Yes	No	SM18 test	Q1 2020	
10										
			20	019			202	20	2021	
		Q1	20 Q2	019 Q3	Q4	Q1	20 2	20 Q3 Q4	2021	
	Conceptual design approved	_			Q4	Q1	Q2	Q3 Q4	-	
	Conceptual design approved Detailed design approved	_			Q4	Q1	Q2 DFX	Q3 Q4 series mar	nufacturing p	
		_			Q4	Q1	Q2 DFX	Q3 Q4 series mar	-	

Proc. series

Prototype Series

1st use

1st need