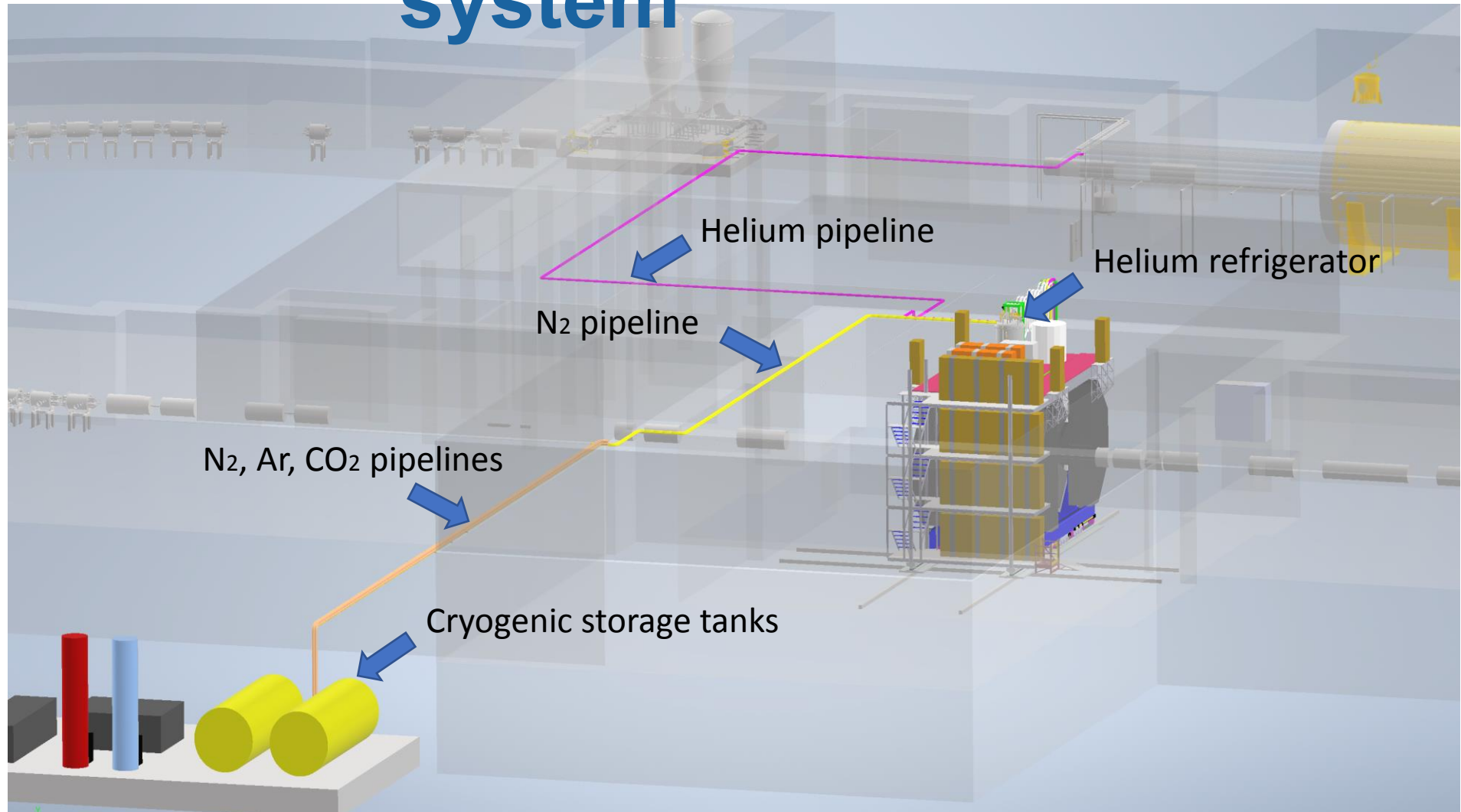
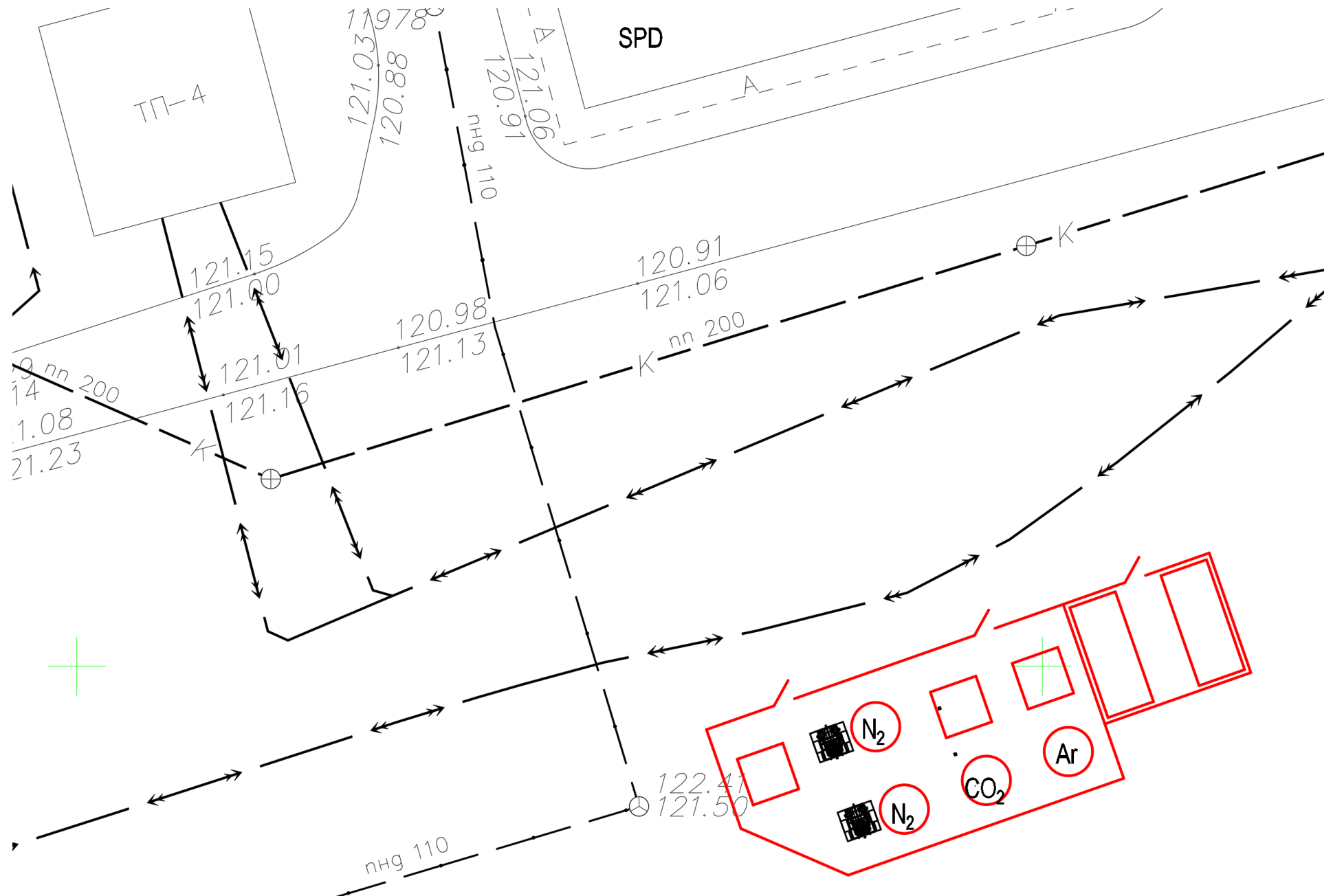


Cryogenic system

Никифоров
Дмитрий

Cryogenic system







Расходы газов для детекторов SPD в течении 1 мес. работы

Детекторы/Газы	N2	Ar	CO2	C4H10
RS	0,4 т	0,9 т	0,4 т	-
ST	-	4,5 т	2,1 т	-
MM	-	0,029 т	-	0,0045 т
Cryo plant	≈ 15 т	-	-	-
Итого	15,4 т	5,429 т	2,5 т	0,0045 т

Steps creation																								
SPD	2022				2023				2024				2025				2026				2027			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Cryogenic plant	Red	Red	Red	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Blue	Blue	Blue			
Helium pipeline					Red	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Blue	Blue						
Nitrogen system					Red	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Blue	Blue						
Vacuum system							Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Blue	Blue				
Pneumatic system							Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Blue	Blue				
Cryogenic system control										Red	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Blue	Blue	Blue	Blue

 Technical task

 Contract execution

 Assembly & Test

 Commissioning

Спасибо за внимание!