






















	1	2	3	4	5	6	7	8
A	IO	US	REVISION HISTORY		CUI//SP-EXPT			
	INDEX	DATE	DESIGNER	DESCRIPTION	NOTES: Symbols Legend : ITER_D_3ZSVRS - ITER Symbol Legend Specification for Fluid Diagrams : PFDs and P&IDs ( <a href="https://user.iter.org/?uid=3ZSVRS">https://user.iter.org/?uid=3ZSVRS</a> )			
	1.0	1.0	18/05/2017	L. KONKEL	ISSUED FOR INFORMATION			
	2.0	2.0	22/08/2024	A. ARNOLD	REVISED FOR PDR			
	2.1	28/02/2025	S.JADHAV	Update of In-Vess and Ex-Vess layout for PDR design.				
B						Key:	Key to codes:	
						Automatic Recirculation Valve	ATC = Actuator for VC Regulating Valve	
						Bellows W/ Double Containment	ATG = Actuator for VG General On/Off Valve	
						Control Valve	CMO = Motion Controller	
C						Diaphragm Actuator	DI = Diaphragm (apart for measurement)	
						Electrical Heater	Flow restrictor/Nozzle	
						Electrical Isolation Break	DIA = Diagnostic Assembly	
						Flange / Double Containment	EFT = Electrical feed through	
D						RF Tuning Stub	EIB = Electrical isolation break for fluid	
						Liquid Pump	EP = Electro-pneumatic converter	
						Mirror	FE = Fluid feed through	
						Piezo Motor	GM = Motor (General)	
E						Needle Valve	GS = Starter	
						Pneumatic Actuator (Normally Closed W/ Arrow Pointing Down)	HT = Electrical heater	
						Relief Valve	HX = Heat Exchanger	
						Shutter	JH = Flanged Connection	
F						Solenoid Actuator	JO = Expansion joint or bellows	
						2 Way Valve	LEA = Lens assembly	
						3 Way Valve	MFS = (Measurement) Flow Switch	
						Filter Wheel	MI = Current Transducer, Electrical	
							MFE = (Measurement) Flow Element	
							MFT = (Measurement) Flow Transmitter	
							MP = (Measurement) Pressure Transmitter	
							MPE = (Measurement) Pressure Element	
							MPH = Pressure Switch (High Value)	
							MPS = Pressure Switch (Intermediate Valve)	
							MPT = (Measurement) Pressure Transmitter	
							MT = (Measurement) Temperature transmitter	
							MTD = (Measurement) Differential Temperature	
							MTE = (Measurement) Temperature Element, Typically thermocouple or RTD	
							MZE = (Measurement) Position Element	
							MZH = (Measurement) Position open limit switch	
							MZL = (Measurement) Position closed limit switch	
							PL = Pump, liquid	
							PSU = Power supply	
							SCI = Quadrant Detection Signal Processor	
							SHU = Shutter	
							SVS = Service Vacuum System	
							TA = Tank, Vessel, or Gas Cylinder	
							TMF = Fixed transmission Line mirror	
							TMM = Movable transmission line mirror	
							VC = Valve, control	
							VG = Valve, general	
							VR = Discharging & Pressure Regulators	
							WA = Window assembly	
							WMM = Mirror Element	
							WS = Penetration	
							Interface limit:  System scope  Other scope (supply)	
					DESIGN AGENCY:	CREATED BY:	TECHNICAL REFERENCE:	APPROVER
					USDA	A.ARNOLD	M. SMITH	R. BATHIA
						DIAGRAM TITLE:	DATE:	
						WIDE ANGLE VIEWING SYSTEM (VIS-IR) (PID)	28/02/2025	
						UPPER PORT #14 (WAVS)		
						ITER_55GAD0_PID_001.vsd		
						PBS TITLE:		
						Vis/IR Up#D		
					DOCUMENT TYPE:	SAFETY CLASS:	QUALITY CLASS:	DATE OF ISSUE:
					PID	SIC-1	QC1	28/02/2025
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					In work	A3		
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					55GAD0	PHUE63	80435c37	2.1
								Sheet N°:
								1/5

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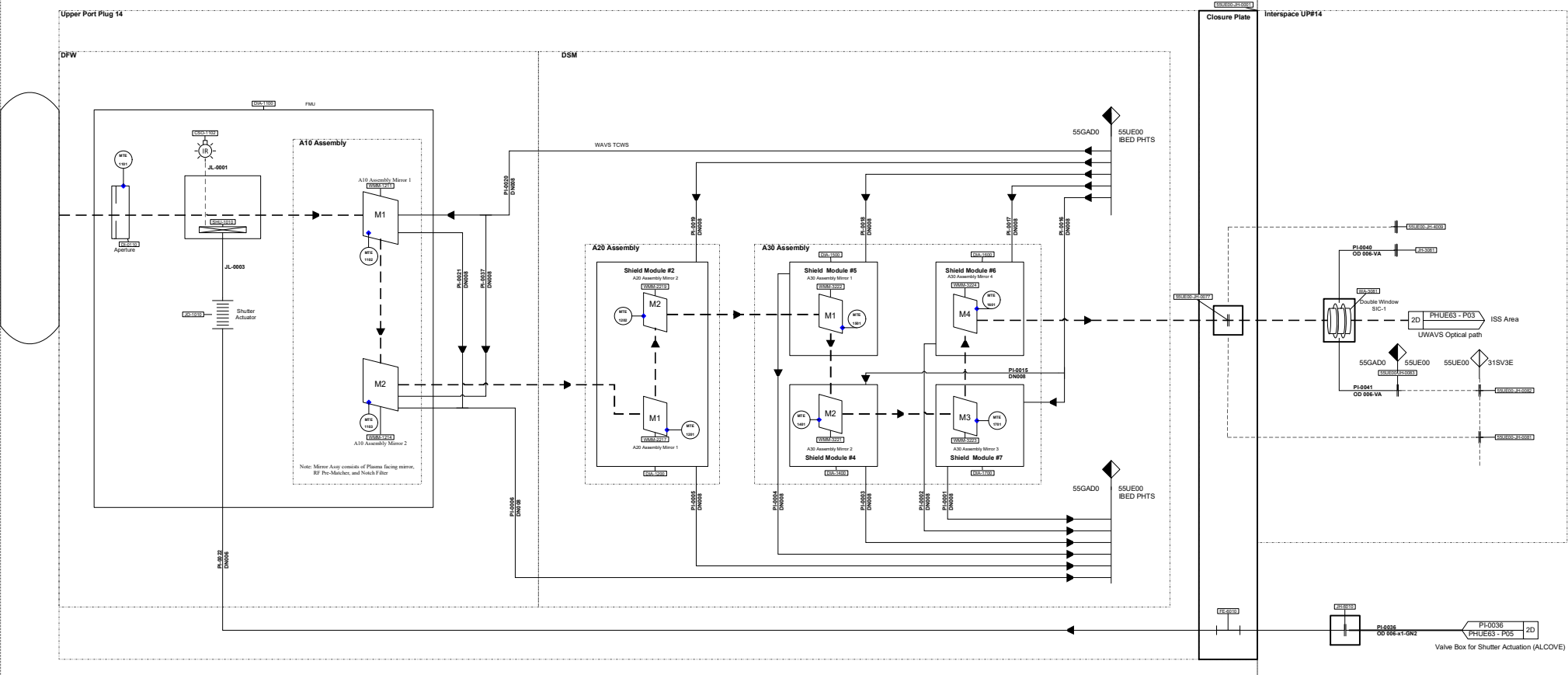
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**CST-S67-UPR-14**  
zone covering inside Upr Port 14

**11-12-C14**  
Port Cell C14



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SHEET TITLE

Port Plug and Closure Plate

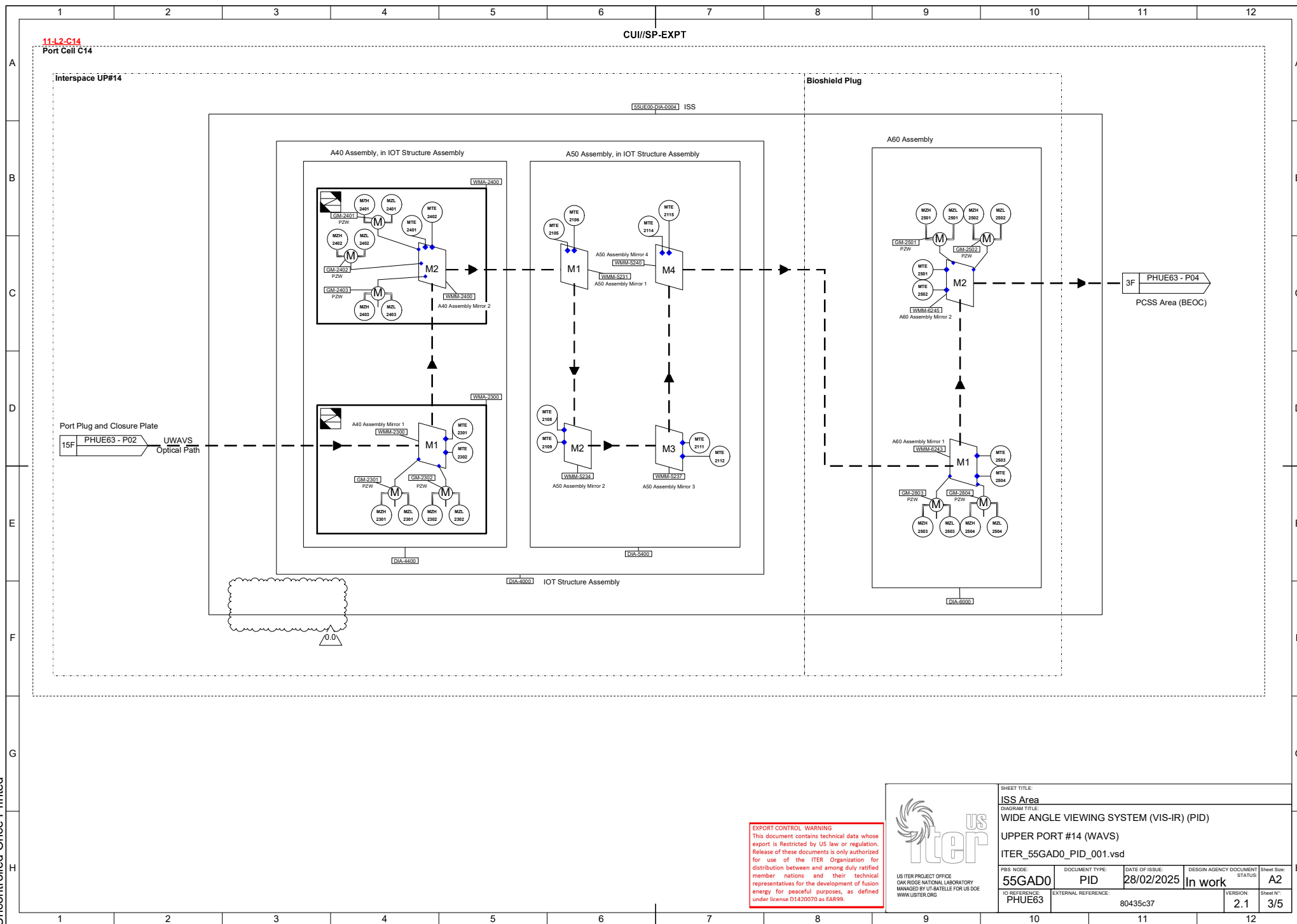
PROJECT TITLE

WIDE ANGLE VIEWING SYSTEM (VIS-IR) (PID)


UPPER PORT #14 (WAVS)

ITER\_55GAD0\_PID\_001.vsd

PID CODE	55GAD0	DOCUMENT TYPE	PID	DATE OF ISSUE	28/02/2025	DESIGN AGENCY DOCUMENT	In work	STATUS	As Is
REVISION	PHUE63	ITER REFERENCE	80435c37	REVISION	2.1	DATE	2/5		



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		PBS NODE: <b>55GAD0</b> PHUE63	DOCUMENT TYPE: <b>PID</b> DATE OF ISSUE: <b>28/02/2025</b> In work EXTERNAL REFERENCE: 80435c37
		DESIGN AGENCY DOCUMENT STATUS: <b>A2</b>	VERSION: <b>2.1</b> Sheet N°: <b>3/5</b>

