




PROJECT:

## EastMed Pipeline Project

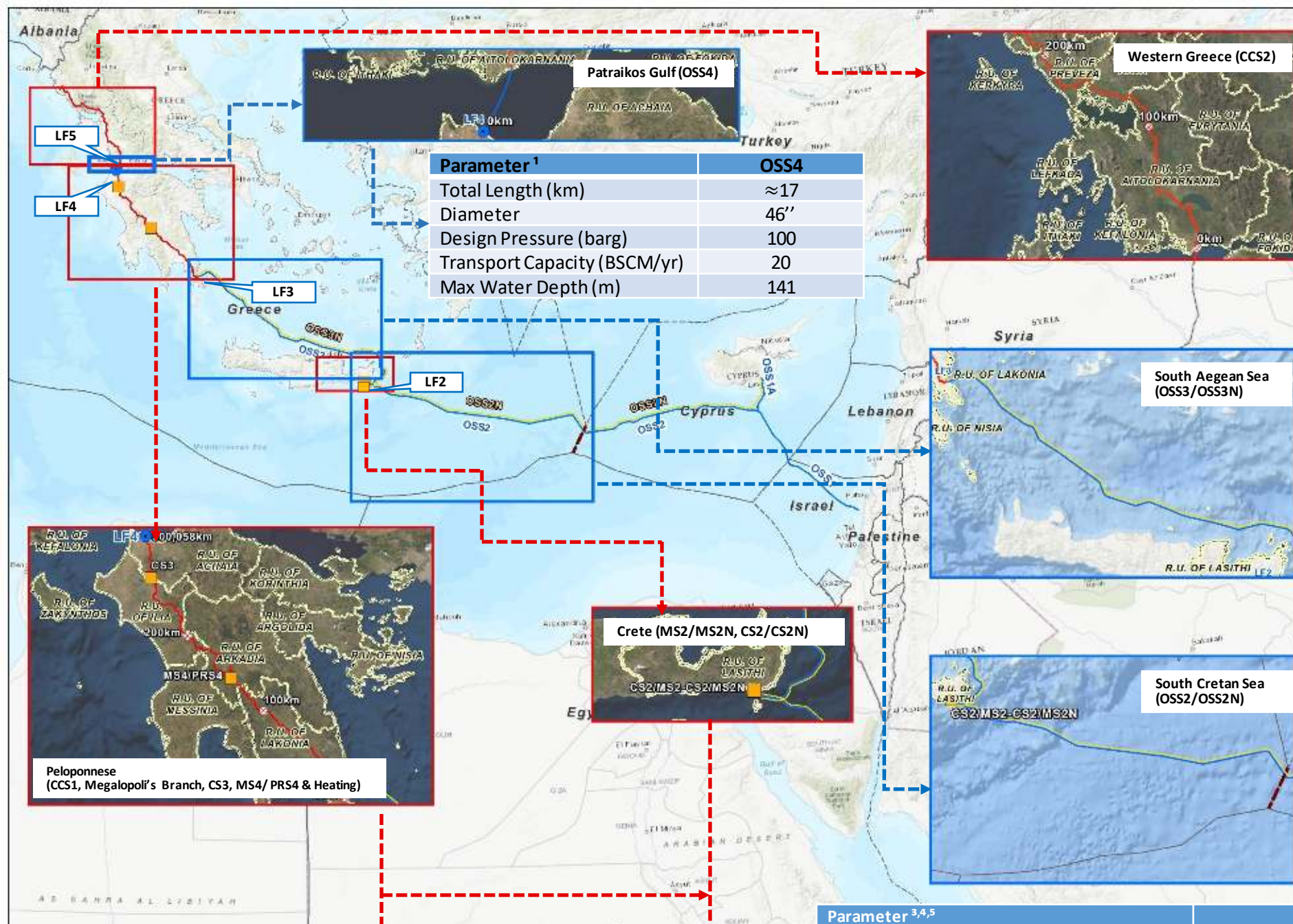


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Document Subtitle:	Annex 6A- Infographic
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	<b>EASTMED PIPELINE PROJECT</b>	 
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00	ASPROFOS	ERM	IGI POSEIDON	03/06/2022	For submission to Authorities



Parameter <sup>1</sup>	OSS4
Total Length (km)	≈17
Diameter	46''
Design Pressure (barg)	100
Transport Capacity (BSCM/yr)	20
Max Water Depth (m)	141

Parameter <sup>6</sup>	CCS2
Total Length (km)	≈ 235
Diameter	48''
Design Pressure (barg)	100
Transport Capacity (BSCM/yr)	20
Max Elevation (m)	865
Min Soil Cover (m)	1

Parameter <sup>1,2</sup>	OSS3	OSS3N
Total Length (km)	≈ 430	
Diameter	28''	
Design Pressure (barg)	231	
Transport Capacity (BSCM/yr)	10.5	
Max Water Depth (m)	-1590	
Maximum distance between lines (m)	100	
Minimum distance between lines (m)	10	

Parameter <sup>1,2</sup>	OSS2	OSS2N
Total Length (km)	≈ 390	
Diameter	26''	
Design Pressure (barg)	363	
Transport Capacity (BSCM/yr)	11	10
Max Water Depth (m)	-3000	
Maximum distance between lines (m)	100	
Minimum distance between lines (m)	10	

Parameter <sup>3,4,5</sup>	CRETE				MEGALOPOLI		ACHAIA
	MS2	MS2 N	CS2	CS2N	MS4	HEATING	CS3
Flow capacity (BSCM/yr)	11	10	11	10	1	20	20
Suction pressure (barg)	77	77	75	75	93	-	57
Operating Pressure (max) (barg)	-	-	-	-	-	73.6	-
Inlet temperature (min) (°C)	1.9	3.4	-	-	0	1.2	-
Discharge (delivery) pressure (barg)	75	75	211.7	196.4	25	-	87.3
Outlet temperature (min) (°C)	1.9	3.4	-	-	3	-	-
Outlet temperature (max) (°C)	-	-	50	50	-	7	50
Total flow (BSCM/yr)	-	-	11	10	-	-	20
No. of Compressors operating	-	-	3	3	-	-	3
No. of spare compressors	-	-	1	1	-	-	1
Min ISO power (MW) per compressor	-	-	25.2	25.2	-	-	17.5
Min Total installed ISO power (MW)	-	-	101	76	-	-	70
Annual Fuel Gas Consumption (MMSm <sup>3</sup> /yr)	-	-	115.5	96	-	21.2	70
Required Total Station Heating Duty (MW)	-	-	-	-	-	25.4	-
Gas Flow per compressor (Sm <sup>3</sup> /hr)	-	-	465.00	422.72	-	-	776,57

Parameter <sup>6</sup>	CCS1 (from LF3 to MS4)	CCS1 (from MS4 to CS3)	CCS1 (from CS3 to LF4)	Megalopoli Branch
Total Length (km)	≈140	≈125	≈ 35	≈10
Diameter	48''	48''	46''	16''
Design Pressure (barg)	100			
Transport Capacity (BSCM/yr)	21	20	20	1
Max Elevation (m)	705	800	708	495
Min Soil Cover (m)	1	1	1	1

Data Sources		Geospatial Data Revision Date	
1. 00225-EV32A-BOD-0053-3	5. P616-380-DB-BDS-01_2	CCS1, Megalopoli	18/5/2021
2. 00225-EV32A-BOD-00302-1	6. P616-000-DB-BDS_01-3	CCS2	22/6/2021
3. E780-00225-EV31A-TDR-00051_2		OSS4	25/6/2021
4. P617-000-DB-BDS-01_3		OSS2, OSS2N, OSS3, OSS3N	26/5/2021