PROCESS DATA	TOTAL DUTY		kWatt	3 049 (2)			
				HOT SIDE / SHELL SIDE		COLD SIDE / TUBES SIDE	
	FLUID			Sweet Gas		Sea Water	
	Presence of			4ppm H_2S, 1% CO_2, free water		Salinity: 38 to 42 parts per thousand	
	TOTAL RATE		kg/h	485 037		507 438	
				IN	OUT	IN	OUT
	VAPOR (HC)		kg/h	449 889	449 889	-	-
	VAPOR (H2O)		kg/h	1 288	852	-	-
	NON CONDENSABLE (CO2 + H2S + N2)		kg/h	33 860	33 860	-	-
	LIQUID		kg/h	-	436	507 438	507 438
	TEMPERATURE	OPERATING	°C	53.3	44.9	35.0	40.7 (5)
		DESIGN (11)	°C	85	85	85	85
	PRESSURE	OPERATING	bar abs	67.7	66.8	1.9	1.4
		DESIGN	bar abs	79.5 + FV	79.5 + FV	19 + FV	19 + FV
	ALLOWABLE PRESSURE DROP		bar	0.5 (6)		0.5 (6)	
	MIN VELOCITY		m/s	n/a		n/a	
	FOULING FACTOR		°C.m²/W	0.00018		0.0006	
LIQUID				IN	OUT	IN	OUT
	DENSITY (P,T)		kg/m³	n/a	988.5	1025	1023
	VISCOSITY (P,T)		cP	n/a	0.59	0.72	0.53
	SPECIFIC HEAT		kJ/kg°C	n/a	4.161	3.977	3.982
	THERMAL CONDUCTIVITY		W/m.°C	n/a	0.647	0.625	0.629
	ENTHALPY		kJ/kg	n/a	193.84		
VAPOR	MOLECULAR WEIGHT			19.35	19.35	n/a	n/a
	DENSITY (P,T)		kg/m³	53.70	55.052	n/a	n/a
	VISCOSITY (P,T)		cP	0.0131	0.0129	n/a	n/a
	SPECIFIC HEAT		kJ/kg°C	2.553	2.565	n/a	n/a
	THERMAL CONDUCTIVITY		W/m.°C	0.043	0.042	n/a	n/a
	ENTHALPY		kJ/kg	145.17	122.47	n/a	n/a
CONSTRUCTION	TYPE OF UNIT			Shell & Tubes			
	CODE			ASME VIII - TEMA R			
	SHELL			TUBES (5) (6)		CHANNEL	
	NUMBER	1		MATERIAL	Titanium	MATERIAL	CS + epoxy or
	MATERIAL	SS 316L					cladded sandvick
	CORROSION ALLOWANCE	0 mm		TUBESHEET			
				MATERIAL	SS 316L cladded titanium or sandvick		
	INSULATION	HOT / HOT		NOZZLES SIZE			
	STRESS RELIEVE	YES (CS only)		COLD SIDE		HOT SIDE	
				IN	OUT	IN	OUT
				10" (4)	10" (4)	18" (4)	18" (4)