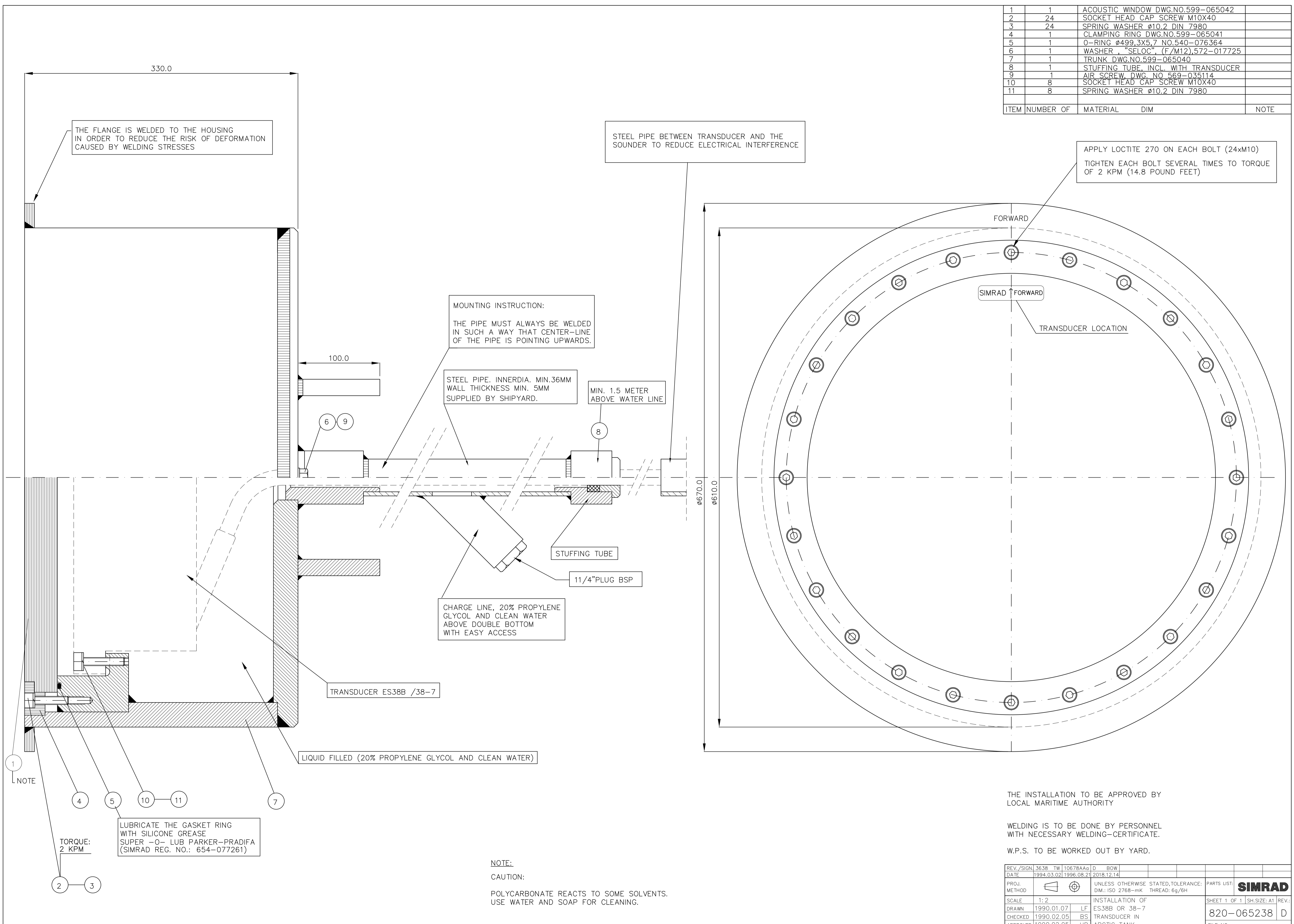


1	1	ACOUSTIC WINDOW DWG.NO.599-065042		
2	24	SOCKET HEAD CAP SCREW M10X40		
3	24	SPRING WASHER $\phi$ 10.2 DIN 7980		
4	1	CLAMPING RING DWG.NO.599-065041		
5	1	O-RING $\phi$ 499,3X5,7 NO.540-076364		
6	1	WASHER, "SELOC", (F/M12),572-017725		
7	1	TRUNK DWG.NO.599-065040		
8	1	STUFFING TUBE, INCL. WITH TRANSDUCER		
9	1	AIR SCREW DWG. NO. 569-035114		
10	8	SOCKET HEAD CAP SCREW M10X40		
11	8	SPRING WASHER $\phi$ 10.2 DIN 7980		
ITEM	NUMBER OF	MATERIAL	DIM	NOTE



APPLY LOCTITE 270 ON EACH BOLT (24xM10)  
TIGHTEN EACH BOLT SEVERAL TIMES TO TORQUE OF 2 KPM (14.8 POUND FEET)

STEEL PIPE BETWEEN TRANSDUCER AND THE SOUNDER TO REDUCE ELECTRICAL INTERFERENCE

THE FLANGE IS WELDED TO THE HOUSING IN ORDER TO REDUCE THE RISK OF DEFORMATION CAUSED BY WELDING STRESSES

MOUNTING INSTRUCTION:  
THE PIPE MUST ALWAYS BE WELDED IN SUCH A WAY THAT CENTER-LINE OF THE PIPE IS POINTING UPWARDS.

STEEL PIPE, INNER DIA. MIN.36MM  
WALL THICKNESS MIN. 5MM  
SUPPLIED BY SHIPYARD.

MIN. 1.5 METER ABOVE WATER LINE

STUFFING TUBE

1 1/4" PLUG BSP

CHARGE LINE, 20% PROPYLENE GLYCOL AND CLEAN WATER ABOVE DOUBLE BOTTOM WITH EASY ACCESS

TRANSDUCER ES38B /38-7

LIQUID FILLED (20% PROPYLENE GLYCOL AND CLEAN WATER)

FORWARD  
SIMRAD FORWARD  
TRANSDUCER LOCATION

NOTE

LUBRICATE THE GASKET RING WITH SILICONE GREASE SUPER -O- LUB PARKER-PRADIFA (SIMRAD REG. NO.: 654-077261)

TORQUE: 2 KPM

NOTE:  
CAUTION:  
POLYCARBONATE REACTS TO SOME SOLVENTS. USE WATER AND SOAP FOR CLEANING.

THE INSTALLATION TO BE APPROVED BY LOCAL MARITIME AUTHORITY

WELDING IS TO BE DONE BY PERSONNEL WITH NECESSARY WELDING-CERTIFICATE.

W.P.S. TO BE WORKED OUT BY YARD.

REV./SIGN	3638 TW 10678AA	D BOW		
DATE	1994.03.02 1996.08.21 2018.12.14			
PROJ. METHOD		UNLESS OTHERWISE STATED, TOLERANCE: DIM.: ISO 2768-mK THREAD: 6g/6H	PARTS LIST:	<b>SIMRAD</b>
SCALE	1:2	INSTALLATION OF	SHEET 1 OF 1	SH. SIZE: A1 REV.:
DRAWN	1990.01.07	LF ES38B OR 38-7	820-065238	D
CHECKED	1990.02.05	BS TRANSDUCER IN		
APPROVED	1990.02.05	HB ARCTIC TANK	FILE NO.:	