

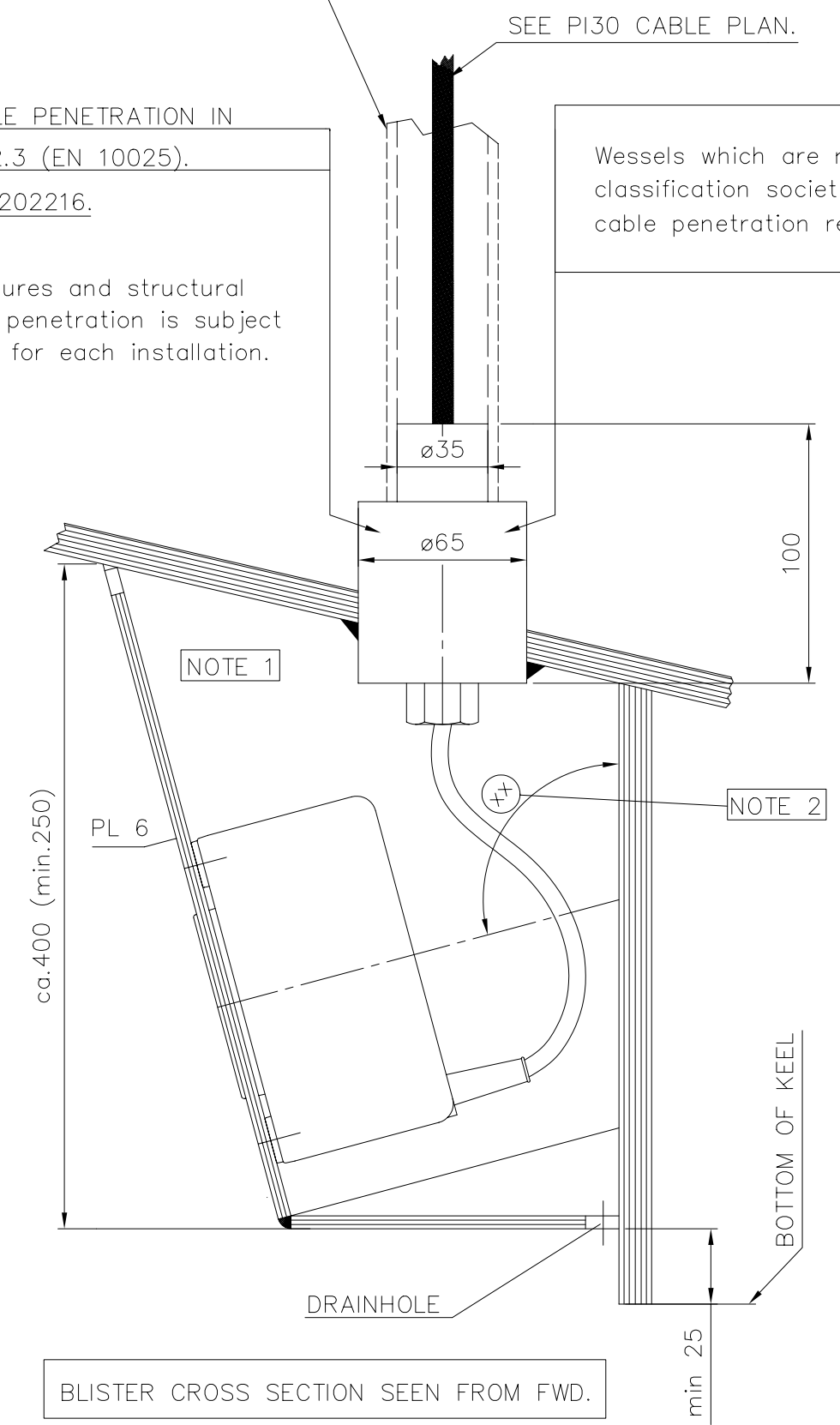
PLEASE REFER TO THE PI30 HYDROPHONE INSTALLATION MANUAL.

THE HYDROPHONE CABLE (6.5mm in diam. supplied in 25m length) IS TO BE PROTECTED WITH STEEL CONDUIT TO ABOVE WATERLINE.

DNV APPROVED CABLE PENETRATION IN CARBON STEEL: St52.3 (EN 10025).
Simrad reg.no. 599-202216.

Welding to hull structures and structural support of the cable penetration is subject to individual approval for each installation.

SEE PI30 CABLE PLAN.
Wessels which are not subject to classification societies can use the Simrad cable penetration reg. no. 599-202182 in plastic (PA6.6).



BLISTER CROSS SECTION SEEN FROM FWD.

HYDROPHONE MOUNTING ON 6 mm STEEL PLATE:
USE M8x35 SOCKET COUNTERSUNK HEAD SCREW

IMPORTANT!
STUD TORQUE: 5Nm.
SECURE THE THREADS WITH LOCTITE 270 OR EQUIVALENT

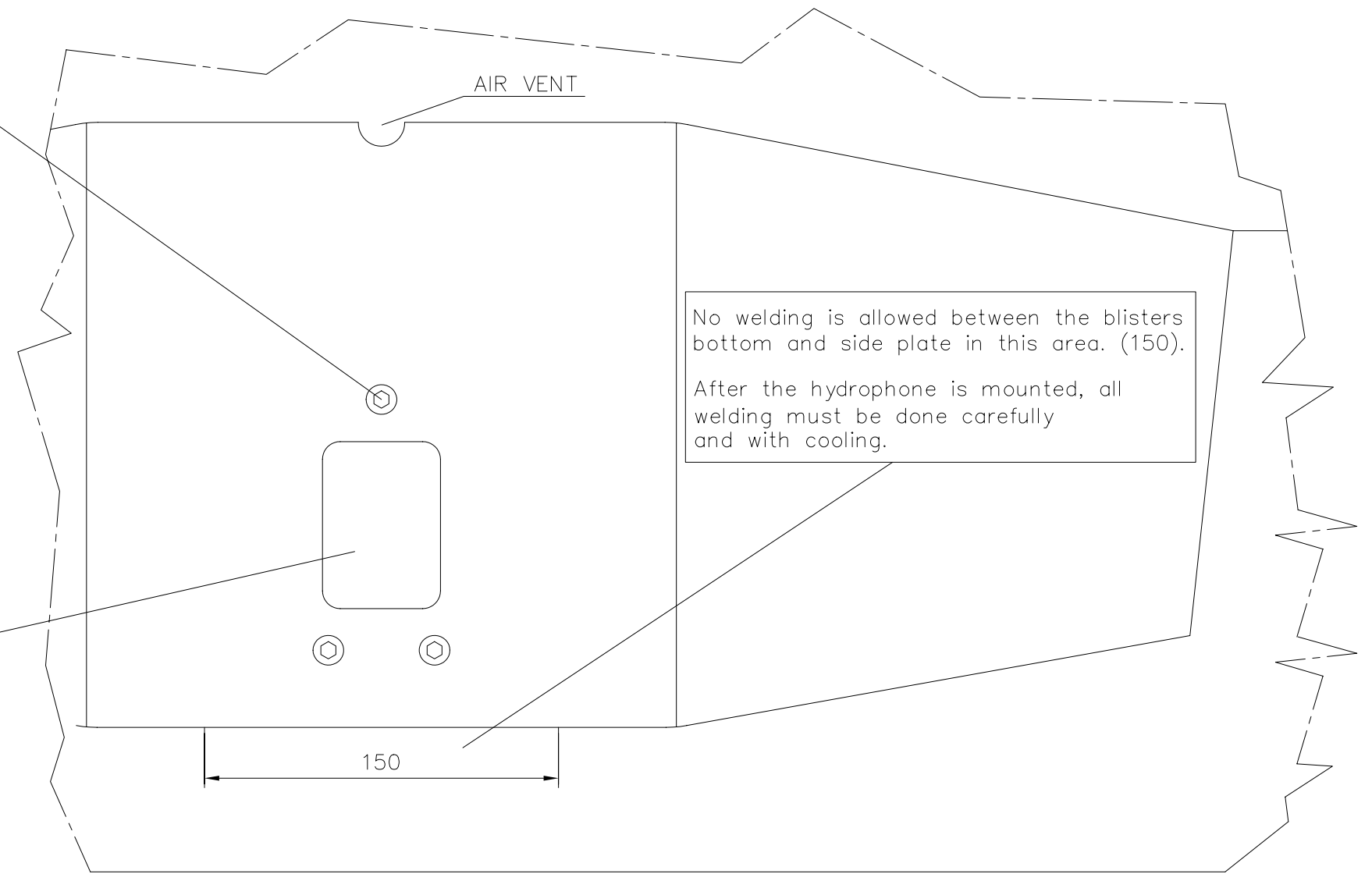
PURSE HYDROPHONE PI30 reg. no. 310-202275.
SEE DRAWING: 830-202893



BLISTER SEEN FROM BELOW (STARBOARD INSTALLATION)

SINGLE HYDROPHONE: 20°
DUAL HYDROPHONE: 40°

SINGLE HYDROPHONE: 70°
DUAL HYDROPHONE: 50°



BLISTER SIDE VIEW SEEN FROM STARBOARD SIDE.

NOTE 1: Install the hydrophone on the same side of the vessel which the Purse Seine is set. These installation instructions and related drawings are for vessels shooting and pursing to STARBOARD.

NB! NOTE 2: The beam angle of the hydrophone is 90° in the horizontal plane and 30° in the vertical plane. The recommended tilt angle ca. of 15°-25° is dependent on the application. Increase the tilt angle of the hydrophone as necessary to compensate for heel after shooting the purse seine.

THE BLISTER BUILT OF STEEL PLATE IS TO BE CONSTRUCTED BY THE YARD.

REV./SIGN.	B	BOW							
DATE	05.06.03								
PROJ. METHOD									
SCALE	1:2.5								
DRAWN	00.01.10	bøj							
CHECKED	00.02.16	IS							
APPROVED	00.02.16	KRA							
UNLESS OTHERWISE STATED, TOLERANCE:			DIM.: ISO 2768-mK			THREAD: 6g/6H			PARTS LIST: N.A.
KEELMOUNTED HYDROPHONE			HULL OF STEEL			PURSE HYDROPHONE			PI30
SHEET 1 OF 1			SH.SIZE: A2			REV.: B			821-203060
FILE NO.: CAD02									



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