

## DET NORSKE VERITAS

## PRODUCT CERTIFICATE

| Manufacturer:  | SKIPPER Electronics AS   |
|--|--|
| Manufacturer's order No.:  | 76157  |
| Purchaser:   | Furuno Norge AS 6008 Ålesund   |
| Purchaser's order No.:   |  |
| The product is intended for  |  |
| Yard:  | (TBD)  |
| Yard No.:  |  |
| Name of vessel:  | <u> </u>   |
| DNV Id. No.:   | P261.1C  |
| THIS IS TO CERTIFY:  |  |
| that the product:  | Bottom Penetration for Echo Sounder, Sonar or Log  |
| Type designation:<br>Intended purpose:   | SB-60-F1_X, DB-60-SA, SB-100-SB, DB100-SB,<br>ETNSJB/ETNSLB-100mm<br>The gate valve may be used in conjunction with installation of<br>speed log or echo sounder   |
|  | 11131  |
| Serial No(s):  |  |
|  | levant requirements of:  |
| Serial No(s):  | levant requirements of:<br>Maval MSLC Naval Offshore   |
| Serial No(s):<br>Has been built and tested in accordance with the rele<br>DNV Rules for Classification: Ships<br>Other standards   | HSLC Naval Offshore  |
| Serial No(s):<br>Has been built and tested in accordance with the rele<br>DNV Rules for Classification: Ships<br>Other standards<br>Remarks (if more than one line, use page 2):   | HSLC INaval Offshore   |
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Technical data:

Remarks:

The valve housing has been subjected to a hydrostatic pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.

Marking and certificate numbers for the different parts:

Drawings with dates of approval and/or type approval certificate number:  $\ensuremath{\text{DNV}}$  S-6000