PRODUCT CERTIFICATE

THIS IS TO CERTIFY THAT:

Product description: **Bottom Penetration for Echo Sounder, Sonar or Log**

Type designation: **PCSV60-65mm ____ , SB-60-SA ____ , DB-60-LA ____**
ETNSJB/ETNSLB-100mm ___ , SB-100-LA __x__ , DB-100-SA ____

Serial No: **09226**   Marking: **NV OSL 09 4526**

Manufactured by: **SKIPPER Electronics AS, Enebakkveien 150, 0612 Oslo, Norway**
(manufacturer and location)

Ordered by (customer): **SAM ELECTRONICS GmbH Friesenweg 4 22763 Hamburg Germany**

Customer reference: **68734**

Intended for: **Stock**

Conforms with the following specification/standard:
(if necessary use Appendix to certificates form no. 40.91a)

DNV Rules for Classification of ship and mobile offshore units

Remarks/test results:
OK

☐ If marked x, see encl.

For Det Norske Veritas AS

OSLO	05.11.2009	
Place	Date	Surveyor

Declaration by manufacturer (when applicable)
The undersigned manufacturer declares that the specified product has been built and tested in conformity with the specification/standard stated above and the conditions referred to in:

Type Approval Certificate No.: **S - 5483**

Quality System Certificate No.: **TI 151,NS-EN ISO 9001:2000**

Manufacturing Survey Arrangement No.: **R - 1948**

This Product Certificate is valid only when endorsed by a DNV Surveyor. The endorsement is a statement that the conditions stipulated in the Manufacturing Survey Arrangement for the product in question have been complied with.

Manufacturer: **Skipper Electronics**

OSLO	05.11.2009	pr. SKIPPER Electronics A/S
Place	Date	Anders Karlstad / Name