



Bundesrepublik Deutschland

Federal Republic of Germany

Bundesamt für Seeschifffahrt und Hydrographie

Federal Maritime and Hydrographic Agency



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

Bundesamt für Seeschifffahrt und Hydrographie, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz“ of 9. September 1998 (BGBl. I, p. 2860) modified last 27. February 2004 (BGBl. I, p. 307), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2002/75/EC.

Applicant

C.N.S. SYSTEMS AB

Address

**St. Larsgatan 32b
58224 Linköping
Sweden**

Manufacturer

C.N.S. SYSTEMS AB

Address

as above

Annex A.1 Item
(No & item designation)

A.1 4.32 Automatic Identification System (AIS)

Product Name

VDL 6000 AIS Class A System

Trade Name(s)

-

Specified Standard(s)

IMO MSC.74(69) Annex 3	IEC 61993-2 (2001)
ITU-R M.1371-1 (Class A)	IEC 61162-1 (2000), -2 (1998)
IALA Technical Clarifications of Rec. ITU-R M.1371-1 (Edition 1.3)	IEC 60945 (2002)
ITU-R M.825-3	IEC 61108-1 (1996)
ITU-R M.1084-3	

This certificate remains valid unless cancelled, expired or revoked.

Date of issue: 26.05.2004

Issued by: Bundesamt für Seeschifffahrt und Hydrographie
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735

Expiry date: 25.05.2009

Certificate No.: **BSH-734.2/0054-1/2004**

This certificate consists of 2 pages.



on behalf

Preuss



Components necessary for operation:

component	part-no.	remark
VDL 6000 Transponder unit	6000-10-xx	Software V. SW-6000-10-1.x
VDL 6000 MKD	6020-10-xx	Software V. SW-6020-10-1.x
VDL 6000 Connection unit	6040-20-xx	
VHF Antenna (AC Marine)	CX4	or equivalent
GPS Antenna (AeroAntenna)	AT575-68W	or equivalent

The internal GPS sensor of the VDL 6000 is used as a backup sensor for position reporting.

Optional components:

optional components	part-no.	remark
-		

Documentation:

VDL 6000 Installation and Maintenance CNSS-03-2113
 VDL 6000 User's Guide CNSS-03-2114

Limitations on the acceptance or use of the product: -

Places of production: -

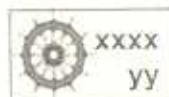
Notes:

The manufacturer shall inform Bundesamt für Seeschifffahrt und Hydrographie, as the notified body, of any modifications to the type-tested product(s) that may affect compliance with the requirements or conditions laid down for use of the product(s).

In case the specified regulations or standards are amended during the validity of this certificate, the product(s) must be re-certified before being placed on board vessels to which such amended regulations or standards apply.

The Mark of Conformity (wheelmark) may only be affixed to the type approved equipment, and a Manufacturer's Declaration of Conformity may only be issued, if the product quality system fully complies with the Marine Equipment Directive and is certified by a notified body against ANNEX B module D, E, or F of the Directive.

Example for the Application of the "Mark of Conformity":



xxxx number of the Notified Body responsible for quality surveillance module
 yy Last two digits of the year in which the mark is affixed.

Notice on legal remedies available:

Objection to this document may be filed within one month after notification. The objection must be filed in writing to, or put on record at, Federal Maritime and Hydrographic Agency, Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany