

Software items

Every software program that is provided as a part of the EK80 delivery must be registered. Part number and software version must be registered. When software media (USB flash drive, CD, DVD etc) is provided, the part number of the media and the EK80 software version provided on the media must be registered.

Software	Part number	Software version
Simrad EK80	389847	2.01 /

Software media	Part number	Software version
Simrad EK80	395037	—

The software version on the software media shall be the same as the version installed on the Processor Unit.
End user documentation is included on the same software media.

Hardware items

Topics

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Display

Each display provided with the EK80 delivery must be uniquely identified. Make(s), model(s), part number(s) and serial number(s) must be registered. Any unit that is not provided by Kongsberg Maritime AS does not need to be registered.

Fill in the make, model and serial number for each unit that is provided with the EK80 delivery. If applicable, add the order number.

Display (Make and model) ¹	Part number ²	Serial number	Revision

¹The unit contains neither circuit boards nor modules that need to be identified separately.

²This is the part number on the unit label.

Processor Unit

The Processor Unit provided with the EK80 delivery must be uniquely identified. Make, model, part number and serial number must be registered.

Processor Unit ¹	Part number ²	Serial number	Revision
EK80 Processor Unit (with EK80 software)	395230 C	ELXZ06428	Z.0.1

¹The unit contains neither circuit boards nor modules that need to be identified separately.
²This is the part number on the unit label.

Transceiver Unit

Each transceiver provided with the delivery must be uniquely identified. Type, part number and serial number must be registered.

The following transceivers are supported:

- Wide Band Transceiver (WBT)
- WBT Mini
- WBT Tube
- EC150-3C

Transceiver (Type) ¹	Part number ²	Serial number
WBT	392720 C	990650
WBT		990647
WBT		990651
WBT		990649
WBT		990641

¹These units do not contain any circuit boards or modules that must be identified separately.
²This is the part number on the unit label.

Transducers

Each transducer provided with the EK80 delivery must be uniquely identified. For each transducer, you must identify which transceiver it is connected to.

Transceiver (Serial number)	Transducers		
	Model	Part number ¹	Serial number
990650	ES200-7C		783
990647	ES120-7C		2088
990651	ES70-7C		626
990649	ES38-7		368
990641	ES18		2221

¹This is the part number on the unit.

Ethernet switch

The Ethernet switch provided with the EK80 delivery must be uniquely identified. Make, model, part number and serial number must be registered. If applicable, add the order number.

Ethernet switch (Make and model) ¹	Part number ²	Serial number
Black Box LGB408A	352527	

¹The unit contains neither circuit boards nor modules that need to be identified separately. If the Black Box LGB408A Ethernet switch is not used with this delivery, fill in information about the replacement type in the empty row.

²This is the part number on the unit label.

EC150-3C Power Supply Unit

The Power Supply Unit provided with the EK80 delivery must be uniquely identified. Make, model, part number and serial number must be registered.

EC150-3C Power Supply Unit ¹	Part number ²	Serial number	Revision
EC150-3C Power Supply Unit	439614		
¹ The unit contains neither circuit boards nor modules that need to be identified separately.			
² This is the part number on the unit label.			

Software licenses

The **Software License** page in the **Installation** dialog box allows you to record the software licenses that have been installed for the system. The software license codes for each individual transceiver must be registered.

Transceiver Unit (Serial number) Hardware ID	Software license code
990641	4B00C76DCBB737881D3B78F10C0168A017
990647	187F0DB26F7CA8E7AB78F10C0168A017
990649	E5BC1268AF651188123B7BF10C0168A017
990650	845AAE494E84799E883878F10C0168A017
990651	0A9A026103E6A466673B7BF10C0168A017

Transceiver hardware and software versions

The **Transceiver Installation** page in the EK80 user interface contains all relevant information related to the hardware and software versions in the transceiver. This information must be registered for future reference.

Fill in the software and firmware versions for each transceiver.				
Serial number	TX Firmware version	RX Firmware version	Software version	FPGA Version
990647	5	7	2.54	
990650				
990651				
990649				
990641				

Visual inspections

The EK80 can be provided in several different hardware configurations. In this Harbour Acceptance Test, you only need to do the tests that apply to the specific configuration provided.

Topics

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[Visual inspection of the display, page 18](#)

[Visual inspection of the Processor Unit, page 20](#)

[Visual inspection of the Wide Band Transceiver \(WBT\), page 22](#)

[Visual inspection of the WBT Cabinet, page 24](#)

[Visual inspection of the EC150-3C Power Supply Unit, page 26](#)

Inspecting logistic items

All relevant logistic items that are included with the EK80 delivery shall be inspected. This includes end-user manuals, software and software media. If spare parts are included in the delivery, these shall also be inspected. Once the EK80 has been installed, and it is ready for Harbour Acceptance Test, the items must all be on board the vessel.

Prerequisites

The list of logistic items to be delivered (order confirmation or contract) must be available. All the relevant items must be available for inspection. Neither tools nor instruments are required.

Context

The verification of the operating system license is only applicable if the Processor Unit is provided by Simrad as a part of the EK80 delivery.

Procedure

- 1 Verify that the EK80 end-user manuals have been provided.
End-user documentation is provided on digital formats. All documentation related to operation and installation can be downloaded from our website.
- 2 Verify that the applicable EK80 software media (USB flash disk, CD, DVD etc) have been provided.
- 3 Verify that the operating system software license stickers is placed on the Processor Unit.
- 4 Verify that the spare parts provided matches the order confirmation for the EK80 delivery.
- 5 Verify that the relevant software license codes are provided in a *.txt file on the Processor Unit desktop.

Result

Requirements	Results
All logistical items are available on board the vessel.	OK
Date and signature:	 7/10/2024

Related topics

[Customer acceptance form, page 49](#)

Visual inspection of the display

A visual inspection of the EK80 display is required to verify that the unit has not been physically damaged during the installation.

Prerequisites

The EK80 is installed as specified in the EK80 *Installation manual*. The EK80 is turned off. You need the following equipment:

- Multimeter