



Nera F55 – Installation Check List

The check list is an aid in securing that all necessary settings have been made following the installation of Nera F55.

References are made to the Nera F55 **Getting Started** manual and the **User Guide** on the enclosed CD. Configuration from PC is done by downloading the vtLite Marine program from the CD, see **Getting Started** > Installing the PC program.

(Check that all grounding conditions are according to the installation appendix in **Getting Started!**)

Antenna Unit

When placing the antenna avoid *obstructions and interference*.

Main Communicaton Unit

Ensure a free space around the MCU of at least 10 cm for adequate cooling, and to allow removal of the unit.

Ref No	Action	Function	No	Comments/settings
1 <input type="checkbox"/>	Switch ON Nera F55. (wait for initialization to finish)			Disregard alarm readouts
2 <input type="checkbox"/>	Start satellite search, if needed. Signal strength: typically 600 (should be at least 550 when idle).	Sat. Search	HS menu	See <i>HANDSET > FUNCTIONS > Satellite search</i>
3 <input type="checkbox"/>	Program the "Net service provider" for an Ocean Region.	Set default	HS menu	See <i>HANDSET FUNCTIONS > Selecting default Net service provider</i>
4 <input type="checkbox"/>	Program Net service providers for all Ocean Regions	Set default using vtLite Marine	1	See <i>CONFIGURATION FROM PC > Set default net provider</i>
5 <input type="checkbox"/>	Change to "Owner Level"	Set access level	2	See <i>CONFIGURATION FROM PC > Access level.</i>
6 <input type="checkbox"/>	Set "Diagnostics" to ON	Set diagnostics	974	See <i>CONFIGURATION FROM PC > Configuration > set diagnostics.</i>
7 <input type="checkbox"/>	The first Nera ISDN Handset will be given MSN20 - terminal ID 01, and MSN30 - terminal ID 91			Automatically selected. Press R-key on HS to verify.
8 <input type="checkbox"/>	Enable "Traffic log"	Log (see Main window)	Log	See <i>OPERATION FROM PC > Traffic log > Traffic log settings.</i>
9 <input type="checkbox"/>	Configure all external TAs with MSN number.	Check with Getting Started manual		See the user instruction for the specific TA



Ref No	Action	Function	No	Comments/settings
10 <input type="checkbox"/>	Configure the Nera F55 MCU with MSN numbers (if beyond the pre-programmed MSN numbers). <i>For defaults, see Getting Started</i>	Device manager (select from Main window)		See <i>CONFIGURATION FROM PC > Routing of incoming calls and/or MSN configuration.</i>
11 <input type="checkbox"/>	Make a 4.8 kbps voice call	Handset		See <i>OPERATION FROM HANDSET > Making a call.</i>
12 <input type="checkbox"/>	Make a fax call	Via TA		See <i>TELEFAX SERVICE</i>
13 <input type="checkbox"/>	Make a data call			See <i>CD > Applications:</i> • <i>Mobile Data Service (RS-232, USB)</i>
14 <input type="checkbox"/>	Check the traffic log performance after above calls	Log (see Main window)	Log	See <i>OPERATION FROM PC > Traffic log > Traffic log readout.</i>
15 <input type="checkbox"/>	Check alarm list	Alarms and messages	941	See <i>CD > Additional manuals > Alarms and Messages</i>
16 <input type="checkbox"/>	Revert to user level			