Echo sounder ESN100 / ESN200 <u>REMOTE Access</u> (rev April 2022)

This document is to be used as a guideline when a remote access made by SKIPPER Service is required.

This method requires a Windows computer/laptop and an ethernet cable connected directly to a free ethernet port of the system being accessed – this is the recommended connection.

ESN100 free LAN connector is found on back of Display unit.

ESN200 free LAN connector is found on JB70E2-SA Electronic unit.

Some software is required to support a remote access. Please download and install the below software:

- 1. Install Skipper Service software "SetupProjectServiceSoftware.msi" (LINK to WEB)
- 2. Install Remote Desktop Client AnyDesk (LINK to WEB)
- ESN100:Download the latest SW version SW-M007 and, under "equivalent software for windows" download "ESN100 latest windows software with Drivers.zip" to your Desktop (LINK to WEB)
- ESN200: Download the latest SW for ESN200 (.zip file including SW-M008 and SW-M010). On the same web side under "equivalent software for windows" download "ESN200 latest windows software with Drivers.zip" to your Desktop (<u>LINK to WEB</u>)
- 5. Install SSH/Telnet Client software Putty (LINK to WEB)

Two connections from your computer are required. We recommend using your WiFi adapter as a connection to internet (WiFi Network, 4G Dongle or through your mobil/cell – phone) and your ethernet adapter as a direct connection to the system being accessed.

Preconfigure your computer ethernet adapter to be on same sub net as the system being accessed, (default is 172.16.1.xxx) e.g. 172.16.1.50 (static) following below configuration:

How to set a static IP address in Windows

- Click Start Menu > Control Panel > Network and Sharing Center or Network and Internet > Network and Sharing Center.
- 2) Click Change adapter settings.
- 3) Right-click on Local Area Connection.
- 4) Click Properties.
- 5) Select Internet Protocol Version 4 (TCP/IPv4).
- 6) Click Properties.
- 7) Select Use the following IP address.



😰 Netw	vork Connections			-	
$\leftarrow \rightarrow$	🕤 🛧 😰 > Control Panel > Netv	vork and Internet > Network Connections		✓ ひ Search Network Conr	nectio
Organi	ze Disable this network device	Diagnose this connection Rename this connection View	status of this connection Chang	e settings of this connection	- 1
~	Bluetooth Network Connection Not connected Bluetooth Device (Personal Area	Cisco AnyConnect Secure Mobility Client Connection Disabled	o SB GbE Family Controller	Ethernet 2 Network cable unplugged TAP-Windows Adapter V9	
	Wi-Fi skipper.no Killer Wireless-n/a/ac 1535 Wirele	Ethernet Properties × Networking Sharing	Internet Protocol Version 4 (TCP/	IPv4) Properties >	×
		Connect using:	You can get IP settings assigned this capability. Otherwise, you ne for the appropriate IP settings.	automatically if your network supports ed to ask your network administrator	
		Configure This connection uses the following items:	Obtain an IP address autom	atically ::	
		✓ Client for Microsoft Networks ✓ Pile and Printer Sharing for Microsoft Networks	IP address:	172 . 16 . 1 . 50	
		Gos Packet Scheduler Gos Packet Sc	Subnet mask:	255.255.255.0	
		Internet Protocol Velsion 4 (ICP/IPV4) Alexandret Multiplexor Protocol	Default gateway:		
		Microsoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6)	Obtain DNS server address	automatically	
		<	Use the following DNS serve	r addresses:	
		Install Uninstall Properties	Preferred DNS server:		
		Description	Alternate DNS server:	90 90 90 C	
		Transmission Control Protocol/Internet Protocol. The default			

When ready please share your Access Code for remote access, depending on your configuration it may be required for you to accept an incoming remote access request by SKIPPER Service.

AnyDesk 🖵 New Connection	Ð						-		×
Enter Remote Desk ID or Alias		\rightarrow \ni	1 				3	*	\equiv
This Desk Your Desk can be accessed with this demo-09@ad → Invitation email	address.		Install AnyDesk Install AnyDesk on this computer	Set pa unatte This ena desk, no	assword for anded access ables you to access your o matter where you are.	What's new ir AnyDesk 6.0? Check out the m new features in t	1 ost inte his relea <u>Learn r</u>	resting ase. nore →	
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When session is finished you may disconnect ethernet cable and reset your computer ethernet adapter settings to obtain and IP address automatically.

