The University of Miami / Marine Operations department is the caretaker of the UNOLS Academic Research Fleet Knudsen EchoSim.

- There is no charge for the use of the Knudsen Echo Simulator (D229-04485)
- Please see the EchoSim Calendar on the Univ. of Miami Marine Tech page showing the availability.
- Email mtgtech@rsmas.miami.edu to make a request to use the simulator, please provide estimated start and end dates.
- The requesting institute/university pays for the shipping TO and FROM the University of Miami   or TO the next requested location
- Once a timetable is established, shipping is arranged
- FedEx shipping is preferred, please provide the following (we will create shipping label & send)
    - FedEx Account number (and internal reference # if needed for your institute/university)
    - Point of contact
    - Address
    - Phone number
    - Type of delivery (next day, express saver, ground, etc…)
    - If other carrier is preferred, please create a shipping label and email label to mtgtech@rsmas.miami.edu so we can print it out and ship simulator.
- Key facts when creating a shipping label
    - MUST BE SHIPPED in the cardboard box WITH the foam end caps
    - Dimensions: 18" x 12" 12"
    - Weight: 19 lbs.
    - Insurance: $5,000
- Inventory of items for EchoSim (shipping box and foam end caps for yellow, Pelican case)
  Please verify upon receiving and before shipping out, use Packing list as checklist. See page 2 for pictures.
    - EchoSIM (D229-04485)
    - User Manual, Packing List and Certificate of Conformance (inside manila envelope)
    - USB cable
    - Software Setup Drive (thumb drive – D249-04365 V2.01)
    - AC Power cable (D219-03236)
    - EchoSIM to EchoSounder cable with 2 yellow end caps (D219-04634)
    - Adaptor cable (D219-05736)
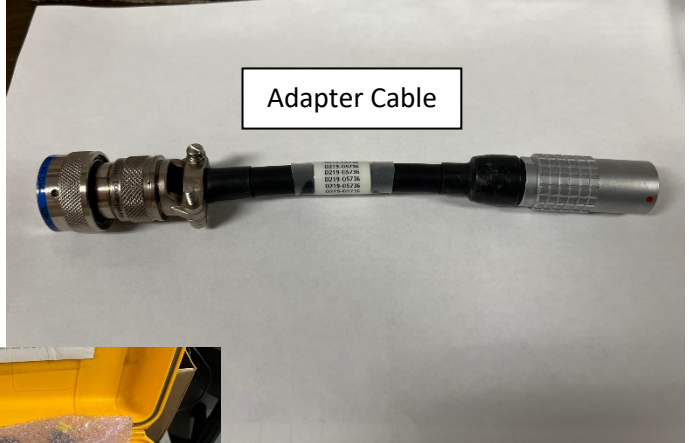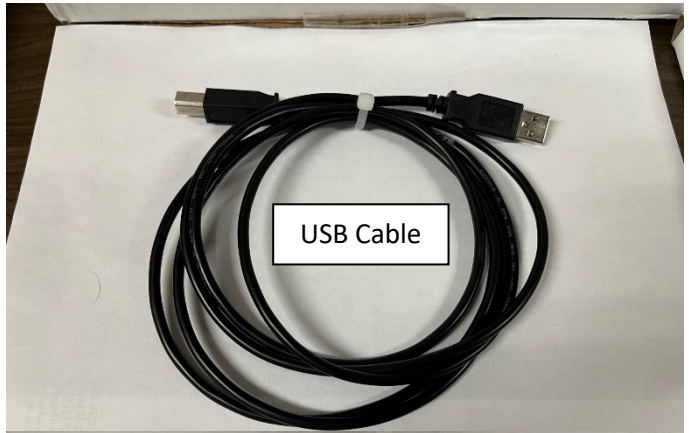 Please make sure all cables are covered in bubble wrap prior to return shipping.
- Once work is completed, please email mtgtech@rsmas.miami.edu to check where to ship the simulator.
- If shipping back to the University of Miami, please ship to the following address and POC.

  University of Miami / RSMAS
  Marine Operations
  4600 Rickenbacker Cswy
  Miami, FL 33149

  Don Cucchiara
  305 421-4376

University of Miami / Marine Operations – Requesting use of Knudsen EchoSim
For troubleshooting issues, please contact Knudsen directly for quickest results

NAME	EMAIL	PHONE
Nolan Pretty	nolan@knudseneng.com	613 267 1165 ext 116
Dave Colter (Software)	dave@knudseneng.com	613 267 1165 ext 100
General Support	support@knudseneng.com	613 267 1165

USB Cable

Software Setup Drive
Thumb drive

AC Power Cable

EchoSIM to
EchoSounder Cable

Adapter Cable

KNUDSEN

10 Industrial Road, Perth Ontario Canada K7H3P2
http://knudseneng.com
info@knudseneng.com
VOICE: (613) 267-1165
FAX: (613) 267-7085
ISO 9001:2015 REGISTERED

CERTIFICATE OF CONFORMANCE

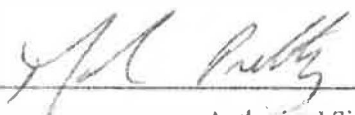|	
Unit Serial Number:	K2K-07-0634
Unit Part Number:	D229-04485
Unit Description:	EchoSIM
Quantity:	1
Test Date:	March 24, 2022

This equipment has been tested in accordance with the standards, specifications, and procedures of the manufacturer.

_____   25 - 03. 2022
Authorized Signature   Date

HARDWARE ENGINEERING MANAGER
Title

KNUDSEN

ISO 9001:2015 REGISTERED

Unit Repair Work Order #: C96114-RO-K2K070634-220316
Company Name: University of Miami/RSMAS
Agent Name: Direct
Purchase Order Number:

Date Shipped:

Part #	Description	Qty Received	Qty Shipped	Box
Packing List				
D229-04485-Rev2	EchoSim K2K-07-0634			I
	Customer Supplied USB Communication Cable, A-B, Black			I
D249-04365 V2.01	Software Setup Drive S/N: K218-0010-SIM			I
D219-03236	AC Power Cable			I
D219-04634	EchoSim to EchoSounder Cable			I
D219-05736	Adapter Cable, 3 Pin, MIL Straight to LEMO			I
				I
	EchoSim Documentation- User Manual			I
D101-03961-Rev3.4	Certificate of Conformance			I

T. Whan   22-03-29
_____   _____
Production Verification   Date

Harold Young   March 29, 2022
_____   _____
Shipping Verification   Date