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ICELAND



USA



SPAIN



NORWAY



FRANCE



SOUTH AFRICA

A dark, monochromatic photograph of a ship's deck. Several crew members wearing helmets and safety gear are visible. Large fishing nets are spread out on the wooden deck. The scene is dimly lit, with some light reflecting off the water in the background.

2021

Marport Product Portfolio

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Global Offices & Partners



Legacy Sensors/Options

- **Catch Sensors (NFS)** 
- **Rip Sensors (RS)** 
- **Depth Sensors (TD)** 
- **Spread/Door Sensors (SS)** 
- **Temperature Sensors (TD)** 
- **Water Speed Sensors (TSS)** 
- **Grid Sensor (GRD)** 

• Options

- Pitch&Roll
- 360 Roll Option
- Depth
- Temperature
- Battery life*

*Requires latest generation of batterie "XLR"

Marport Netfill Sensor

MARPORT
NFS
SENSOR

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TD
SENSOR

- **Compatible with “other” cabinets**
- **Optional:**
 - 360° Pitch&Roll
 - Depth
 - Temp
 - Echo sounder (Upgrade to Catch Explorer)
 - Battery status
- **All hardware preinstalled**
- **Up to 4 functions in SINGLE sensor**
- ***Up to 4 weeks operation on single charge****



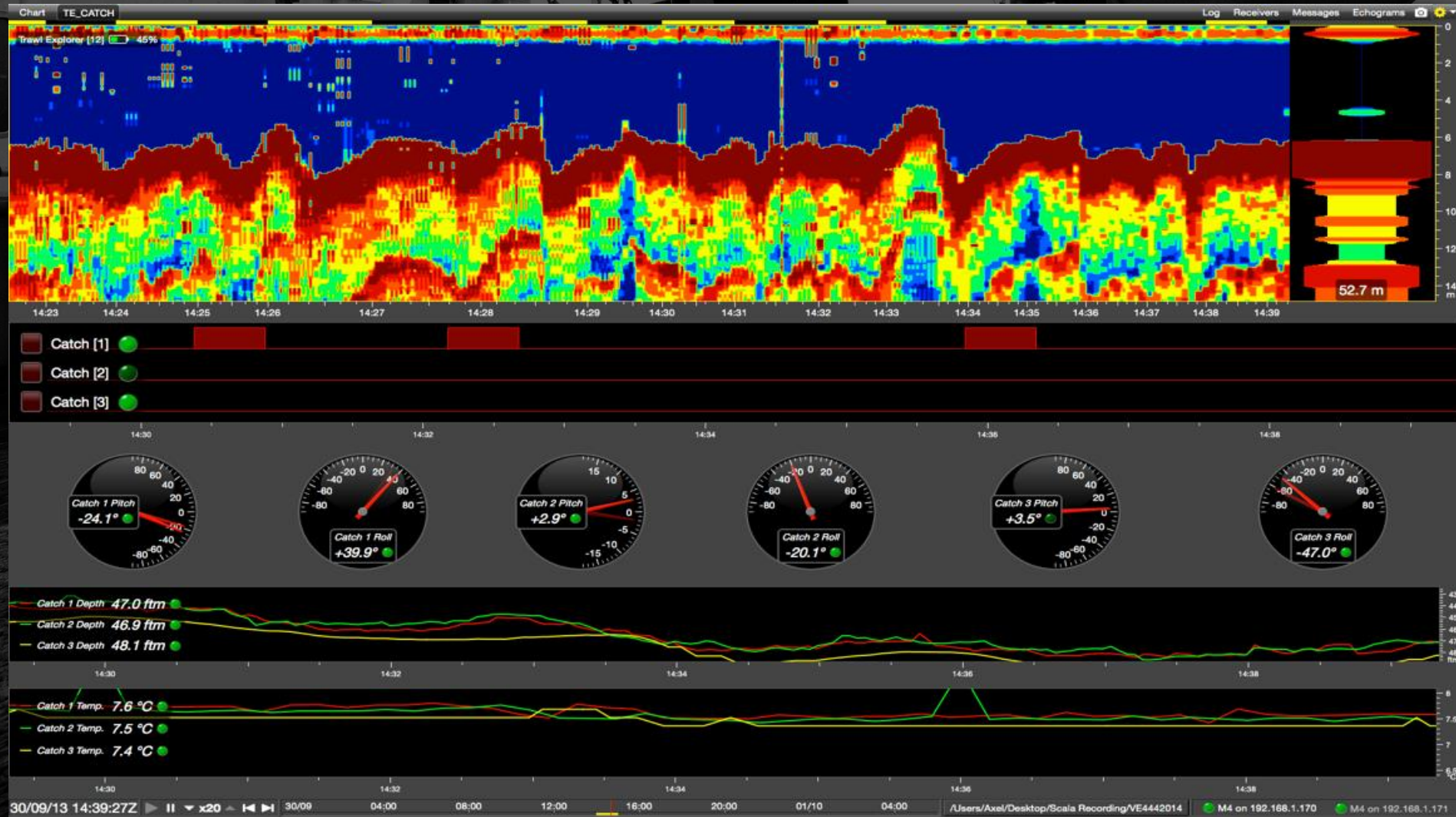
Hybrid/Compatibility option available*

*Depending on the number of functions and uplink power settings

NFS: Scala View

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NFS
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Marport Rip Sensor

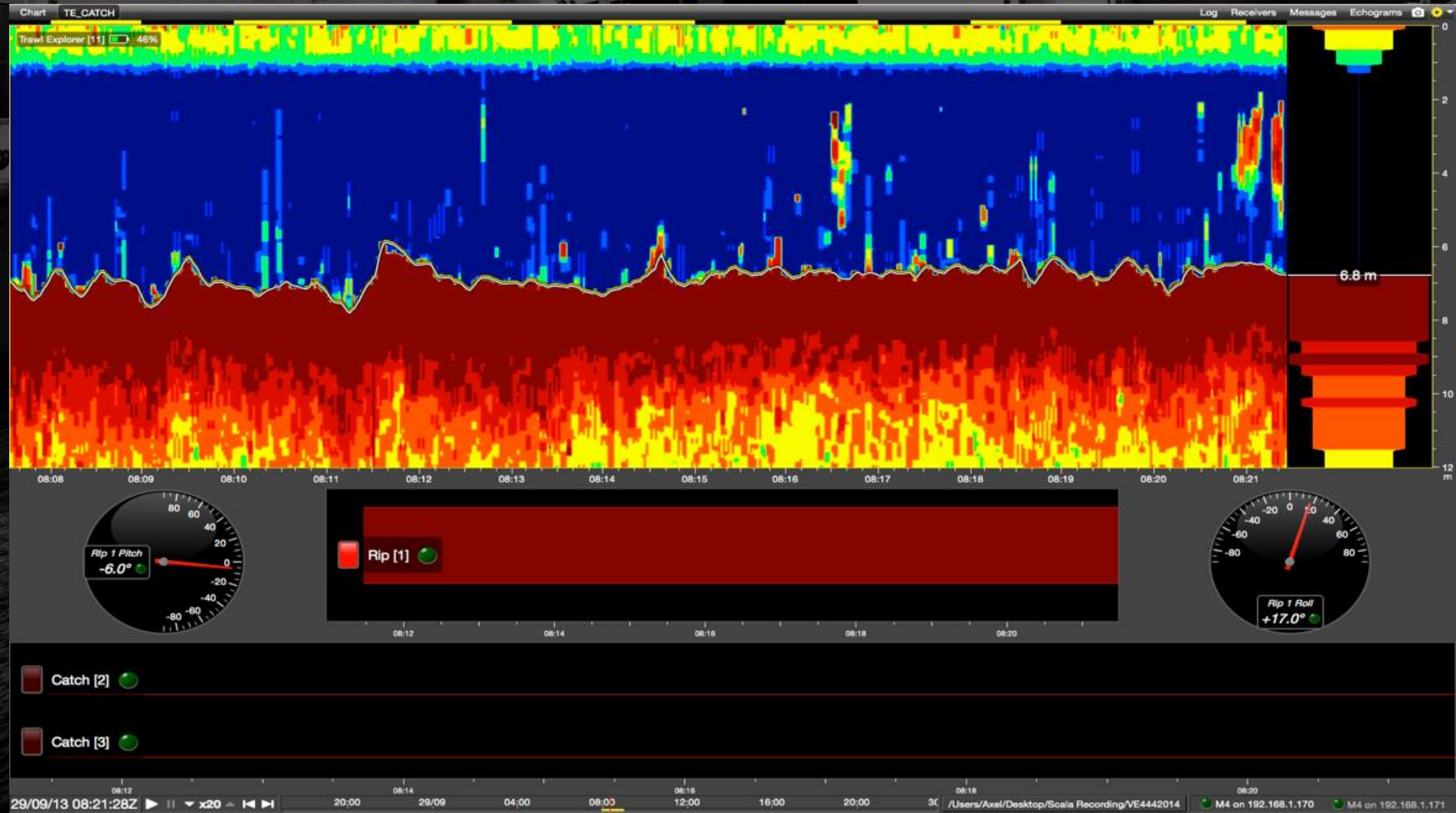
- Indicates if the tunnel or belly is ripped
- Optional:
 - 360° Pitch&Roll
 - Depth
 - Temp
 - Echosounder (CE)
- *Up to 4 weeks operation on single charge**



RS: Scala Veiw

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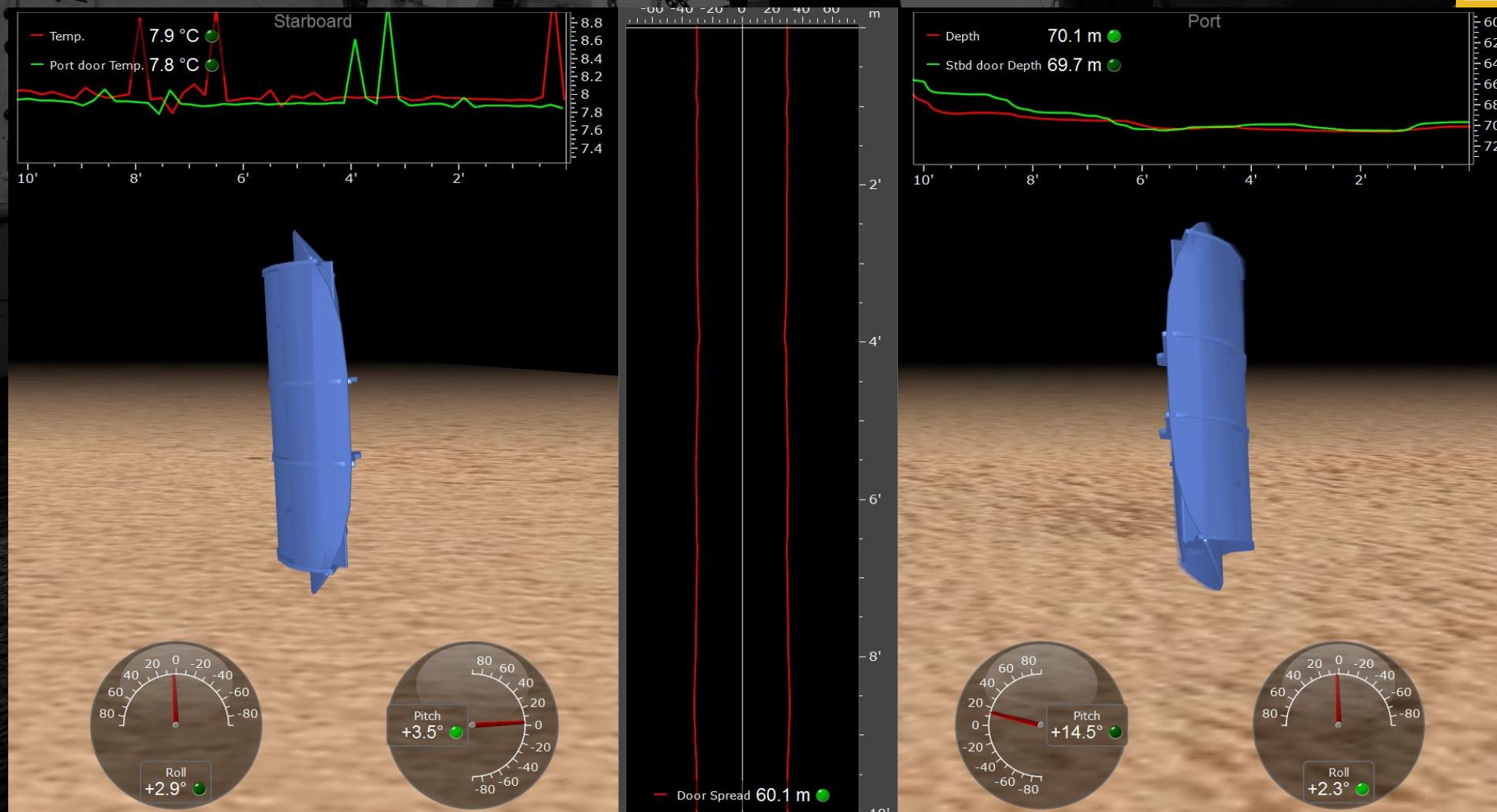
Marport Spread Sensor

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SS
SENSOR

- **Compatible with other cabinets**
- **Upgradeable using only software**
 - Pitch&Roll
 - Depth
 - Temp
- **All hardware already installed**
- **Up to 4 functions in SINGLE sensor**
- ***Up to 2 weeks without charging with maximum number of options***



SS: Scala Veiw



SS: Scala Veiw

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SS
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Marport Door Sounders



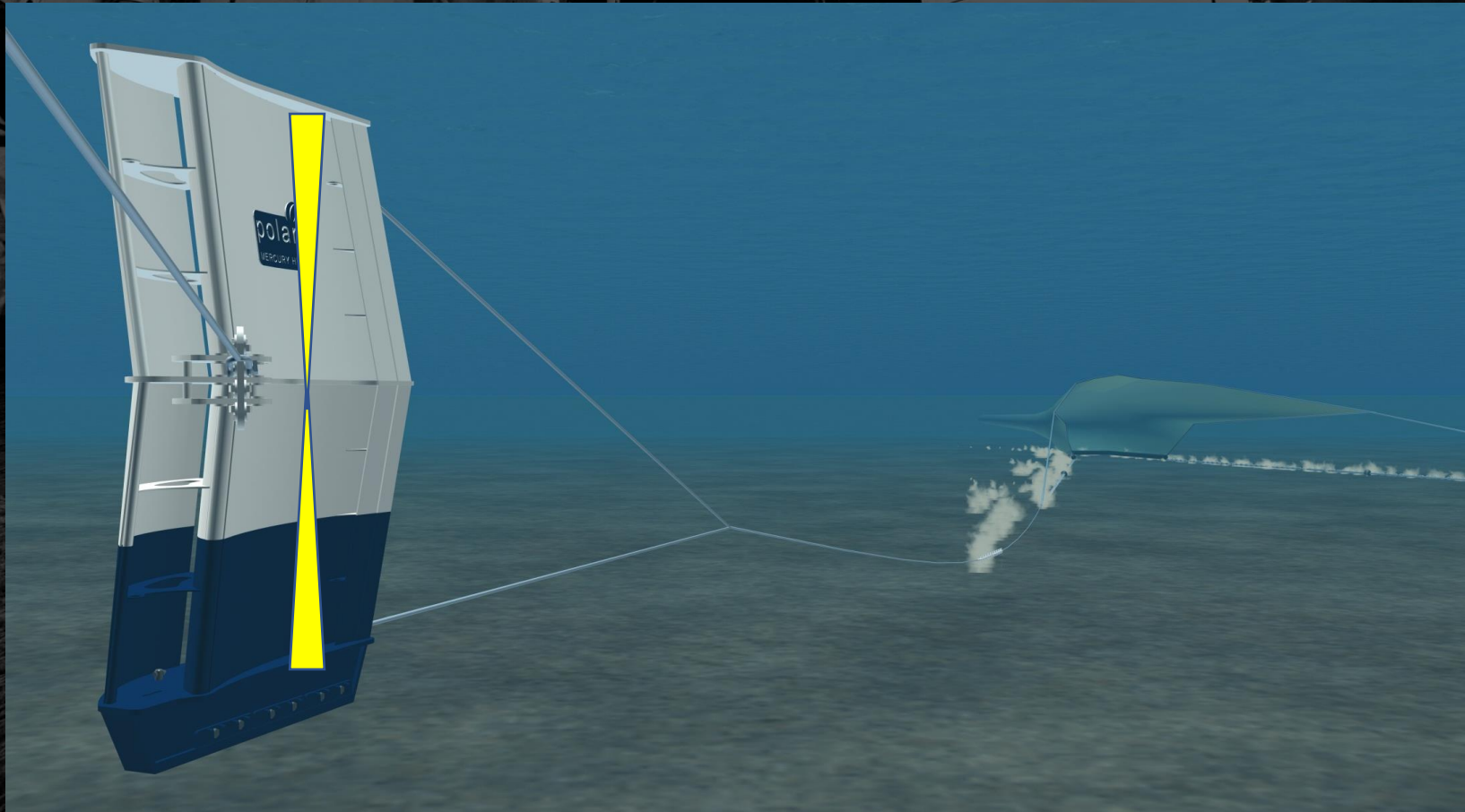
- Dual axis echo sounders for Doors
- Show the bottom under doors
 - Allows for bottom trawling using pelagic doors or semi-pelagic
- Upgradable using software to a full functioning TE (Trawl Explorer)
- Battery life 120h (DS-155-W)
- Battery life 60h (DS-075-W)



DS:

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SENSOR

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Marport Trawl Explorer

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TE
EXPLORER

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- **Different sizes depending the needs of the customers**
 - TE-075-W
 - TE-155-W
 - TE-155-SC
- **Updates 1/second**
 - Includes:
 - Pitch & Roll
 - Depth
 - Temp
- **Up to 64h operation**



Comptability option available*

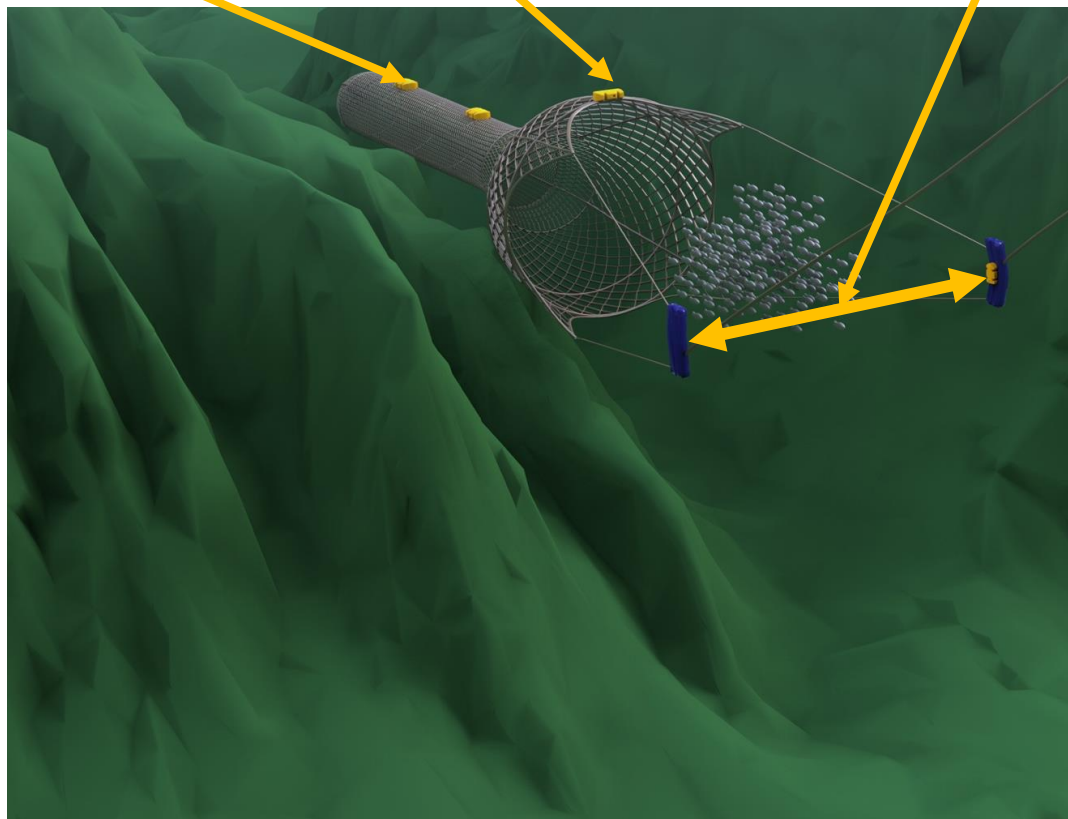
*Depending on the number of functions and uplink power settings

Pelagic Trawl

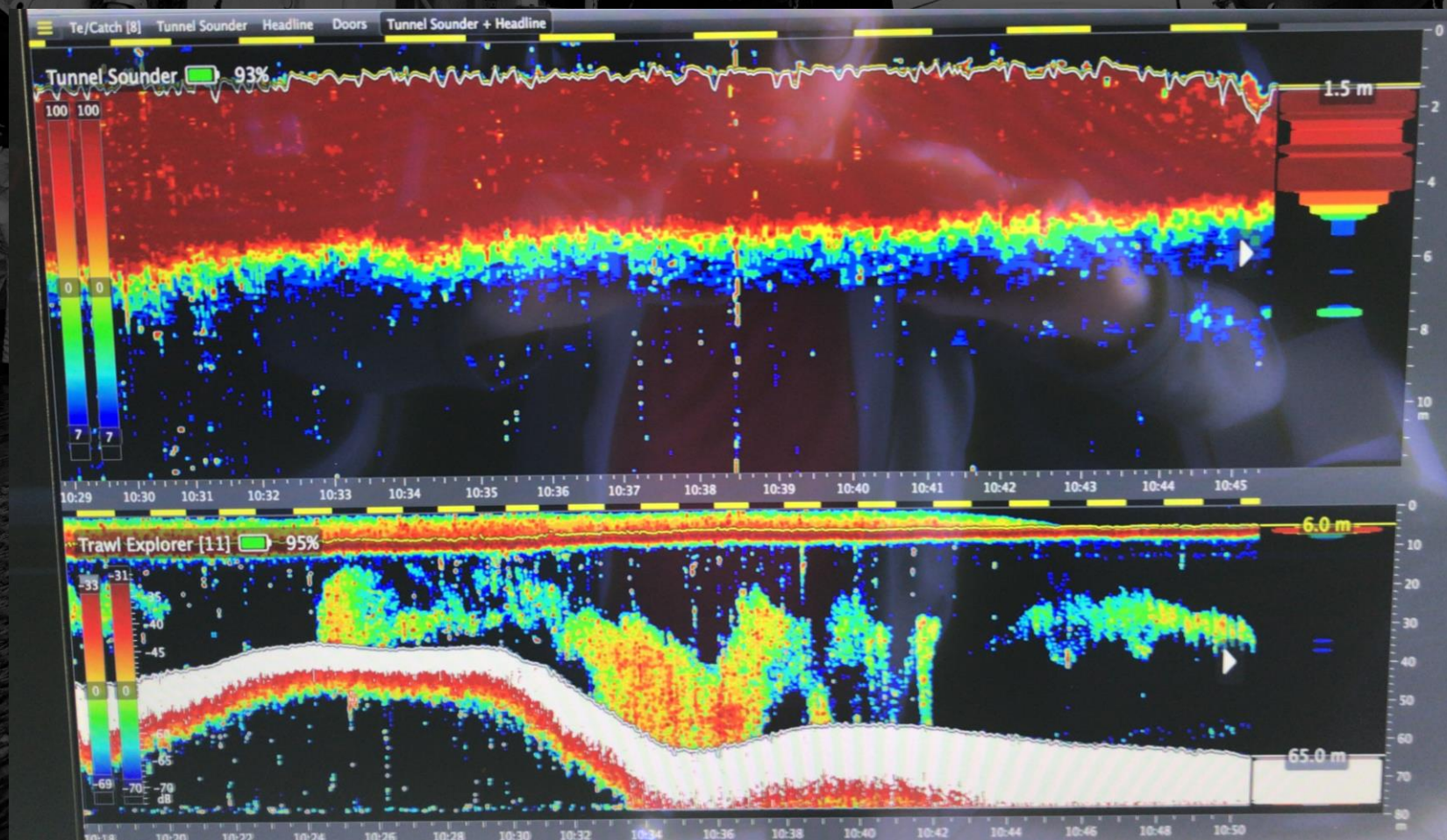
Catch
Sensor(s)

Trawl/Speed
Explorer

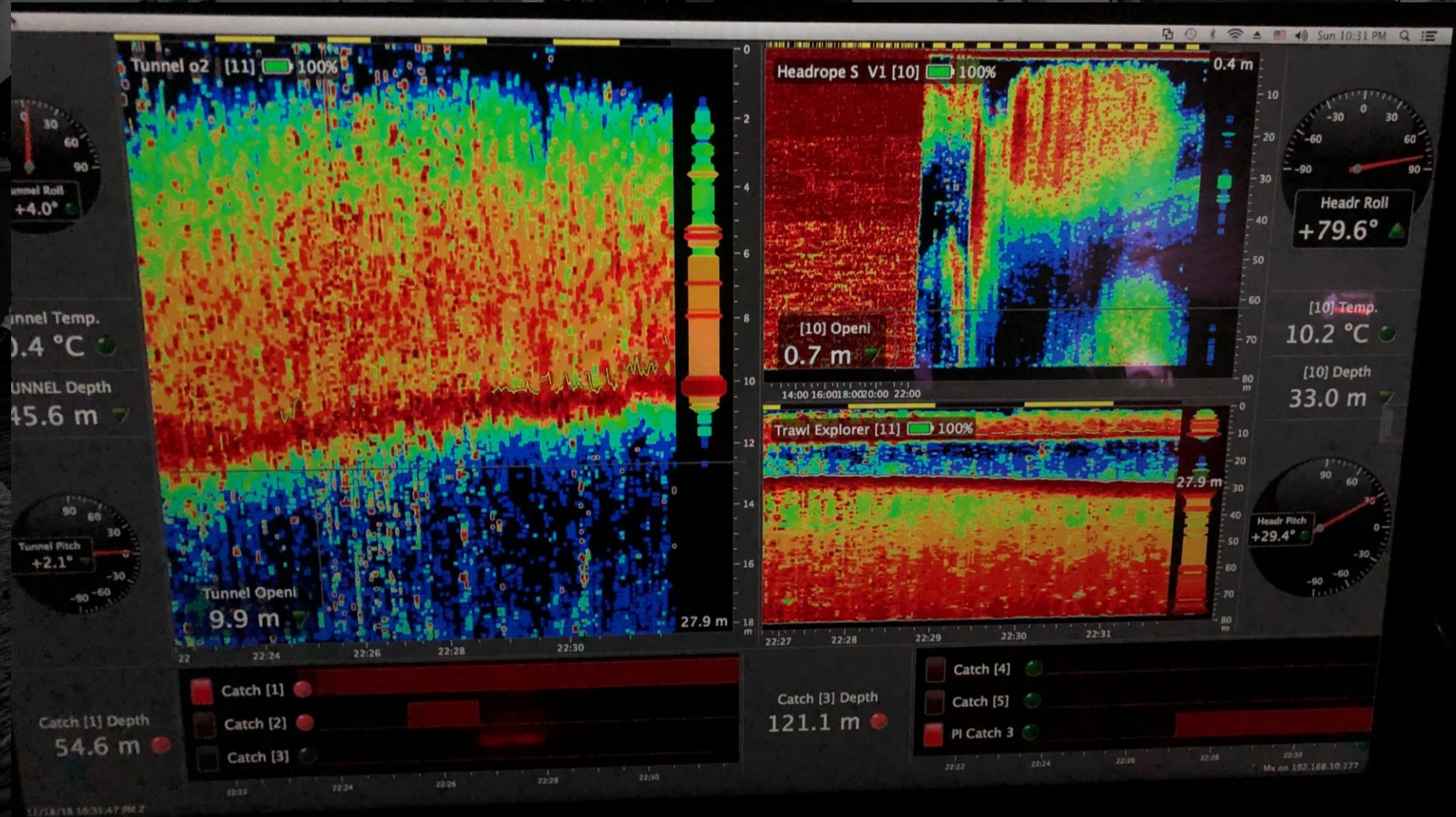
Spread
Sensor



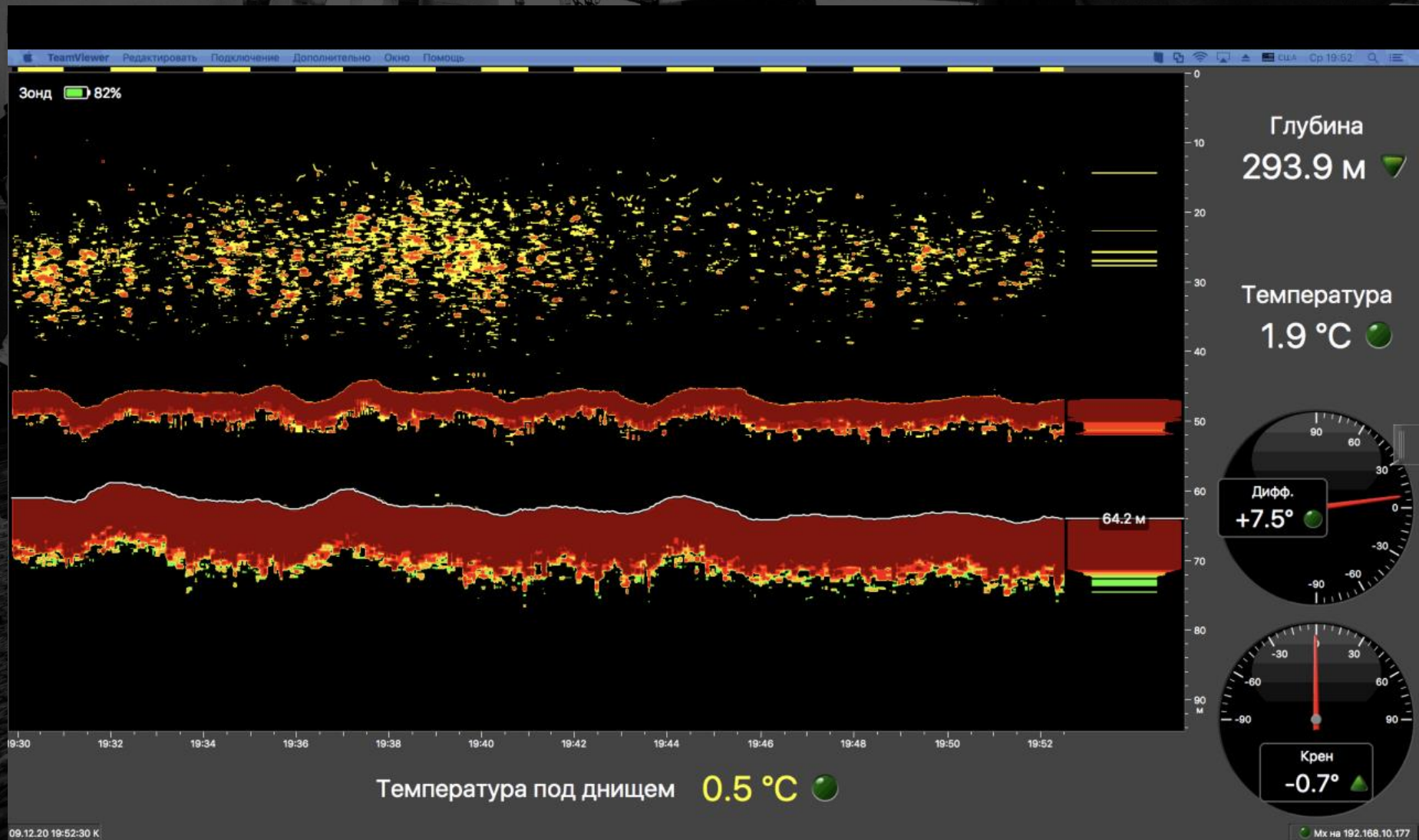
TE: TUNNEL 500T MACKREL (Serene 2017)



TE: Tunnel/Headline Blue Whiting (Research 2018)



TE: Headline Pelagic Trawl (Zaliv Zabiya 2020)



Marport Speed Explorer



- A Trawl Eye and Trawl Speed/Symmetry sensor combined
- Trawl speed information every second
 - 20 times faster update rate
- Includes
 - Depth
 - Temperature
 - Pitch&Roll
 - Battery Status



*Depending on the number of functions and uplink power settings

Bottom Trawl

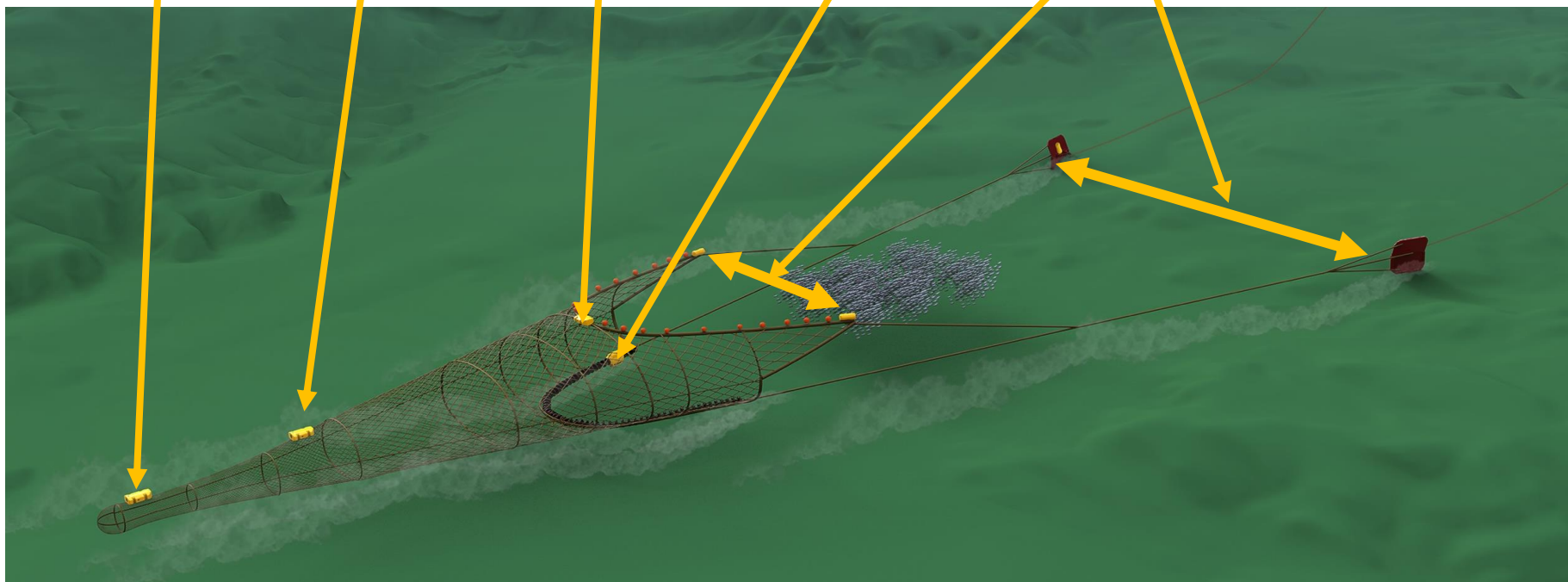
Catch/Rip
Sensor(s)

Catch
Explorer

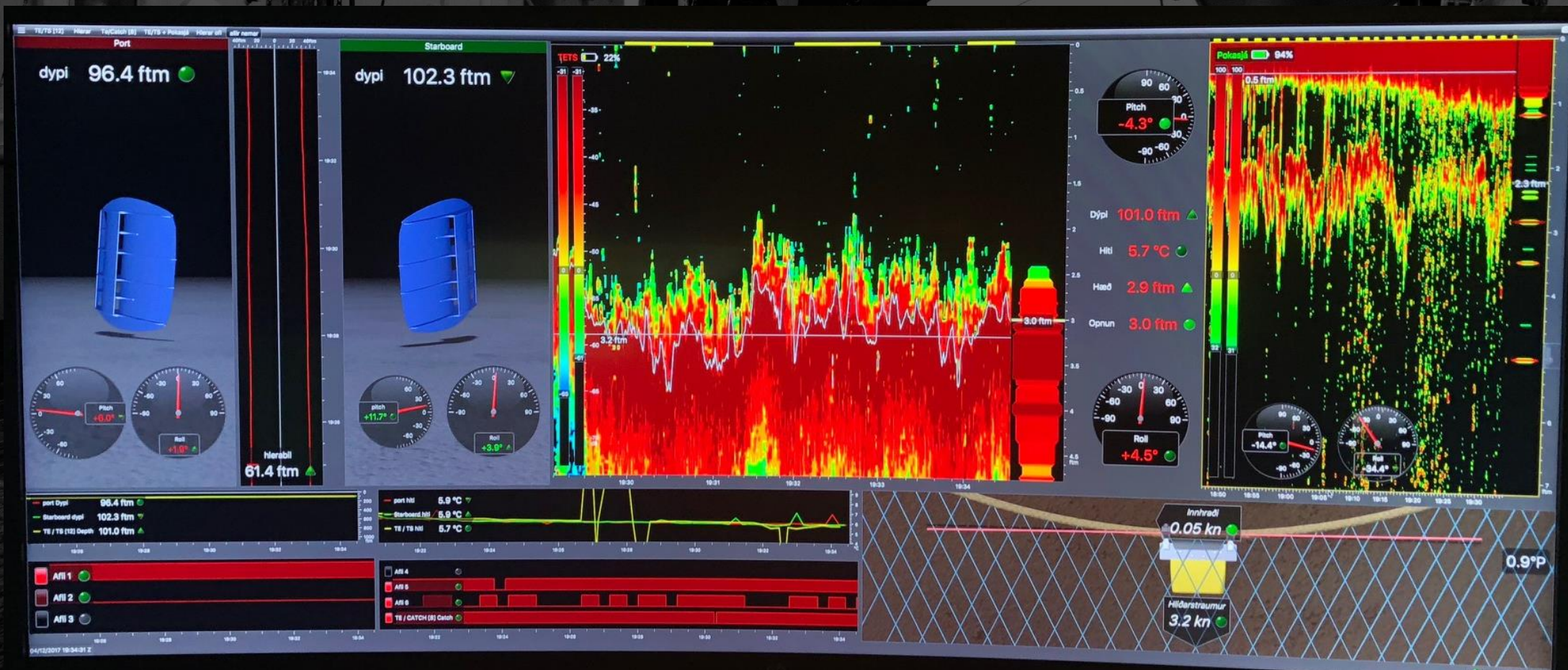
Trawl/Speed
Explorer

Bottom
Explorer

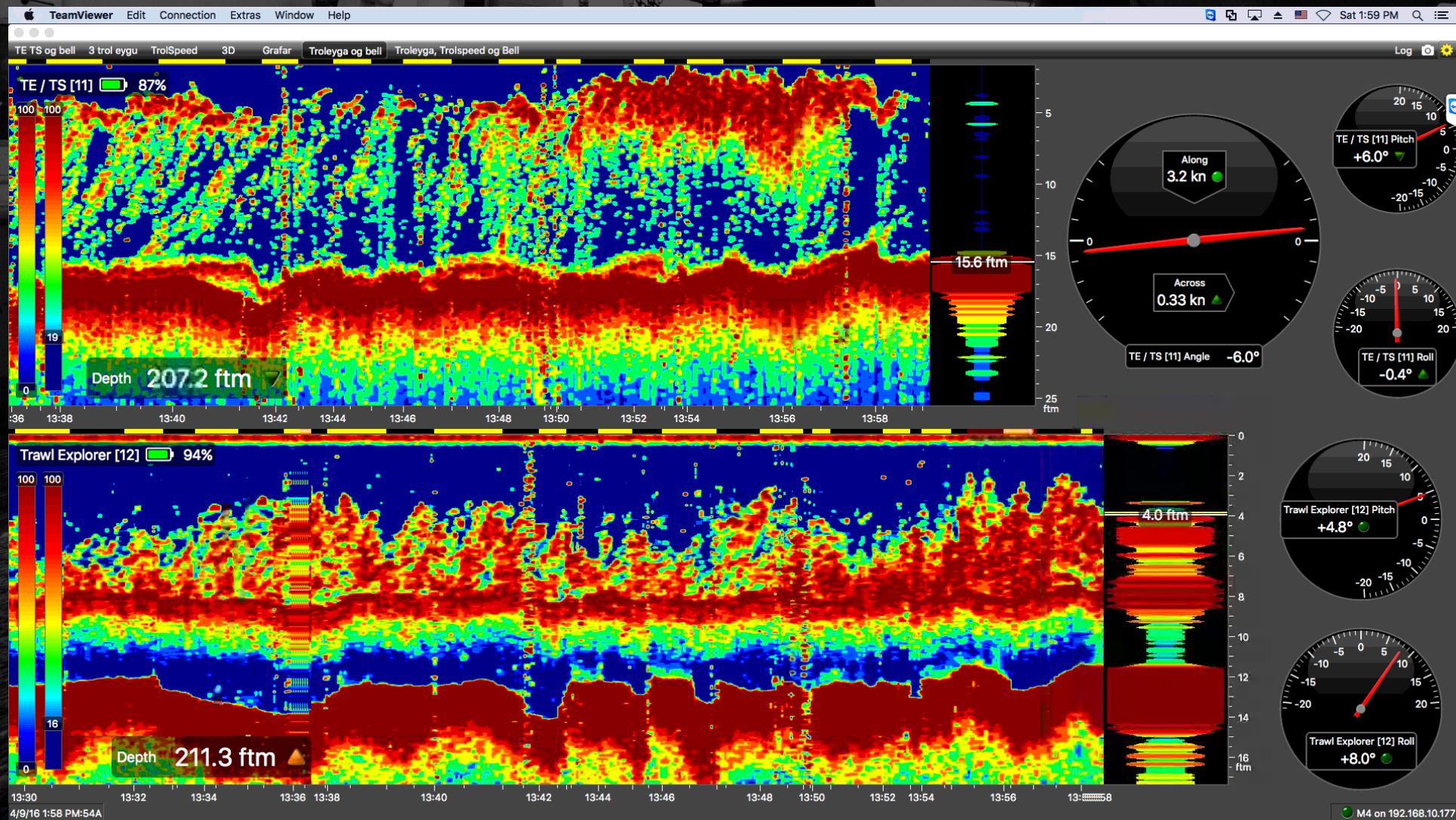
Spread
Sensors



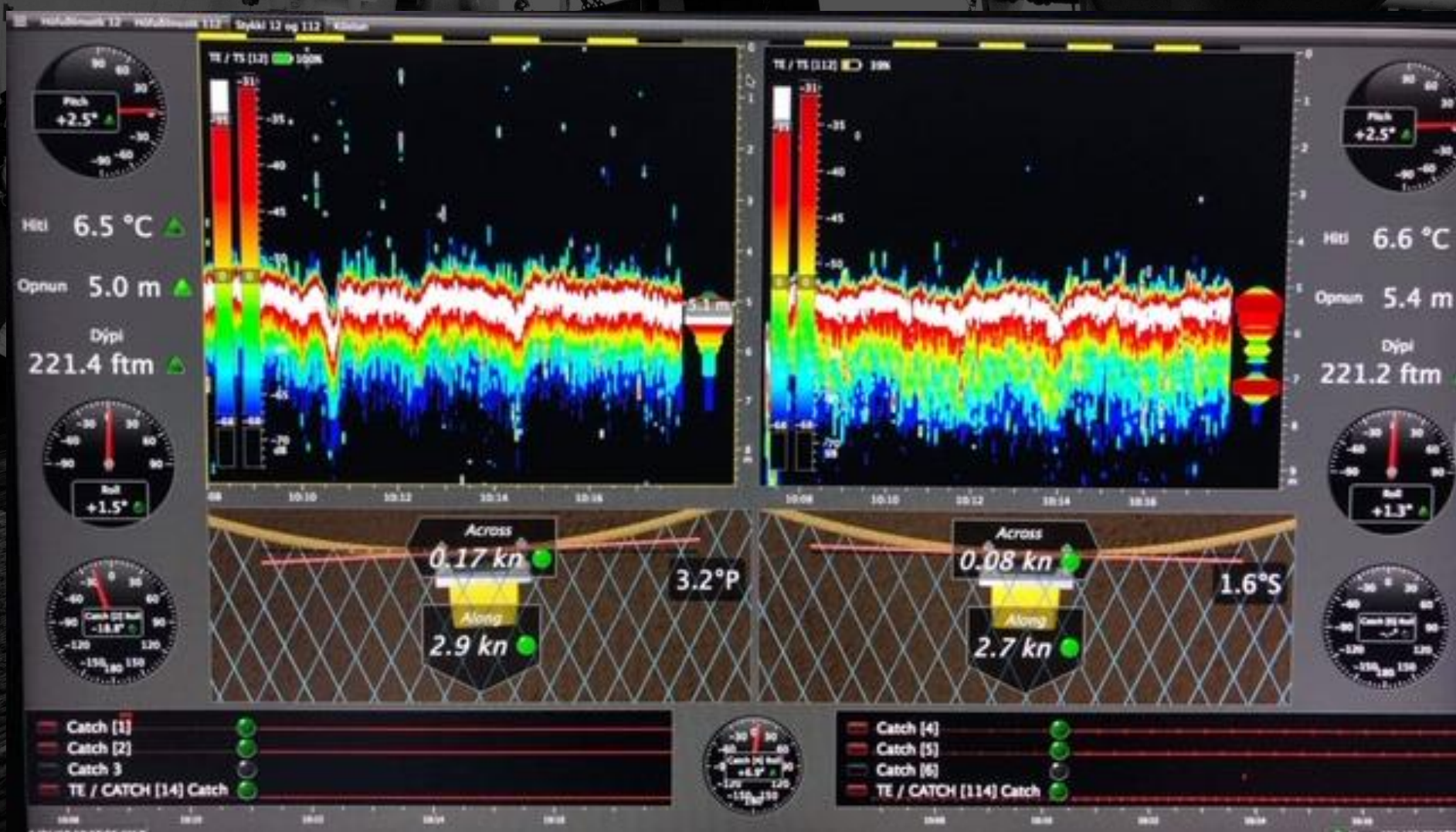
SPE: HEADLINE



SPE: (Gullaks FO)



SPE: Headline (Breki VE 2018)



Marport Trawl Speed Sensor

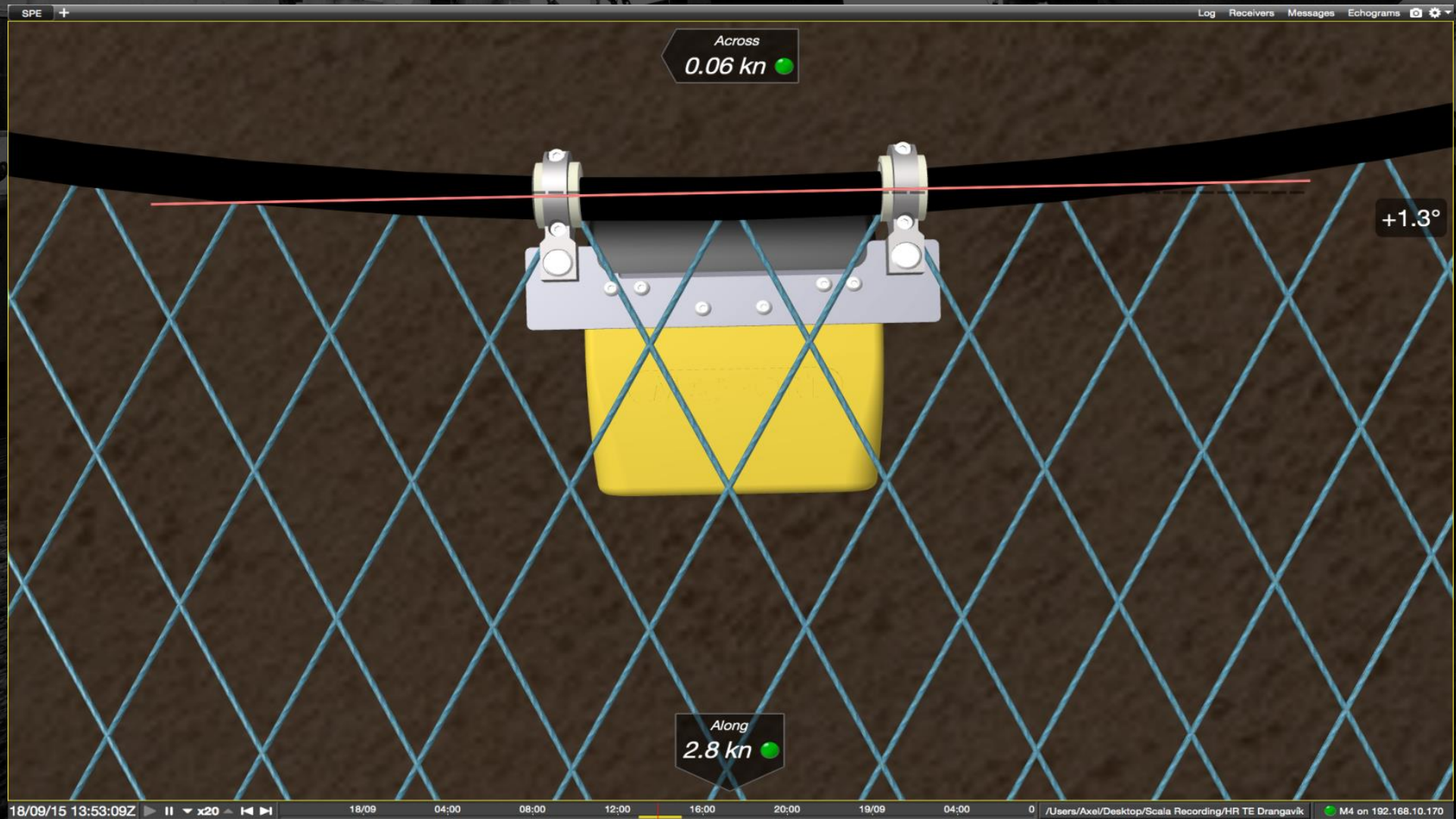


- Measures along and across speed in the Trawl
- Optimize gear efficiency by minimizing cross currents
- Pitch&Roll Included
- Battery status



*Depending on the number of functions and uplink power settings

TSS: HEADLINE

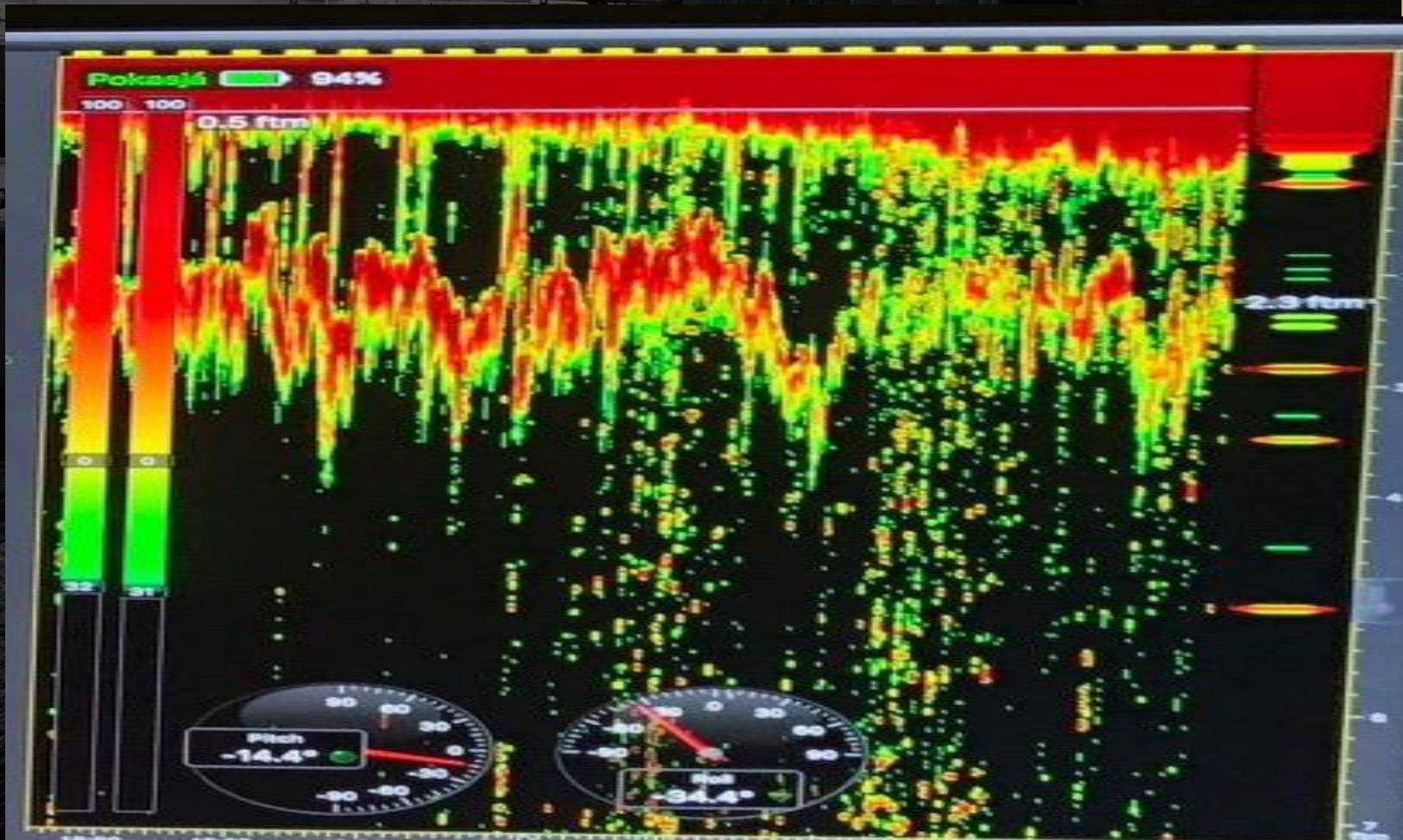


The Marport Catch Explorer CE-100/CE-150

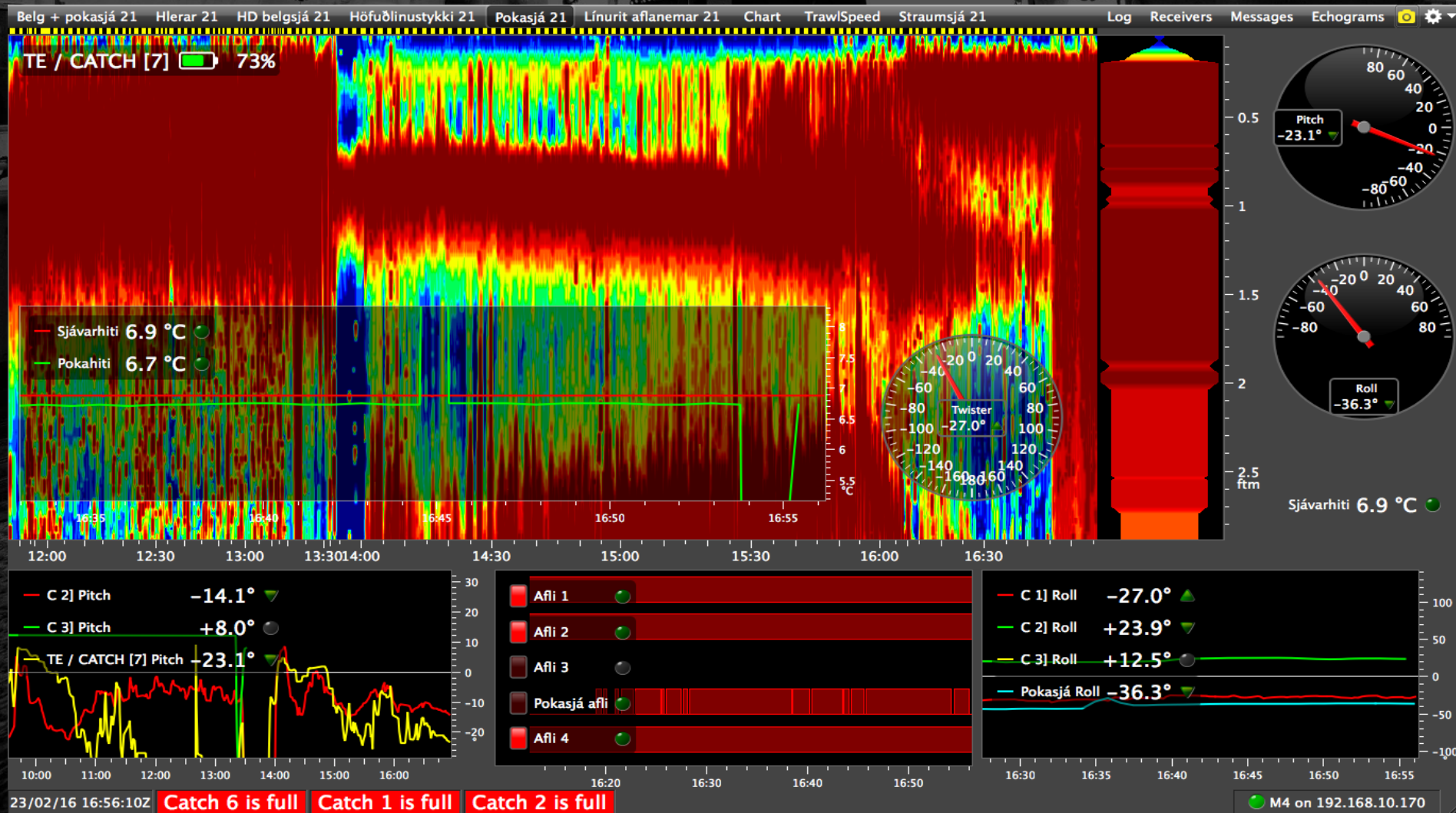
- An echo sounder built into the catch sensor size sensor
- **Optional:**
 - Pitch&Roll
 - Depth
 - Temp
 - Battery Status
- Fish entering the cod end
- Sorting grid status
- Built-in legacy mechanical trigger



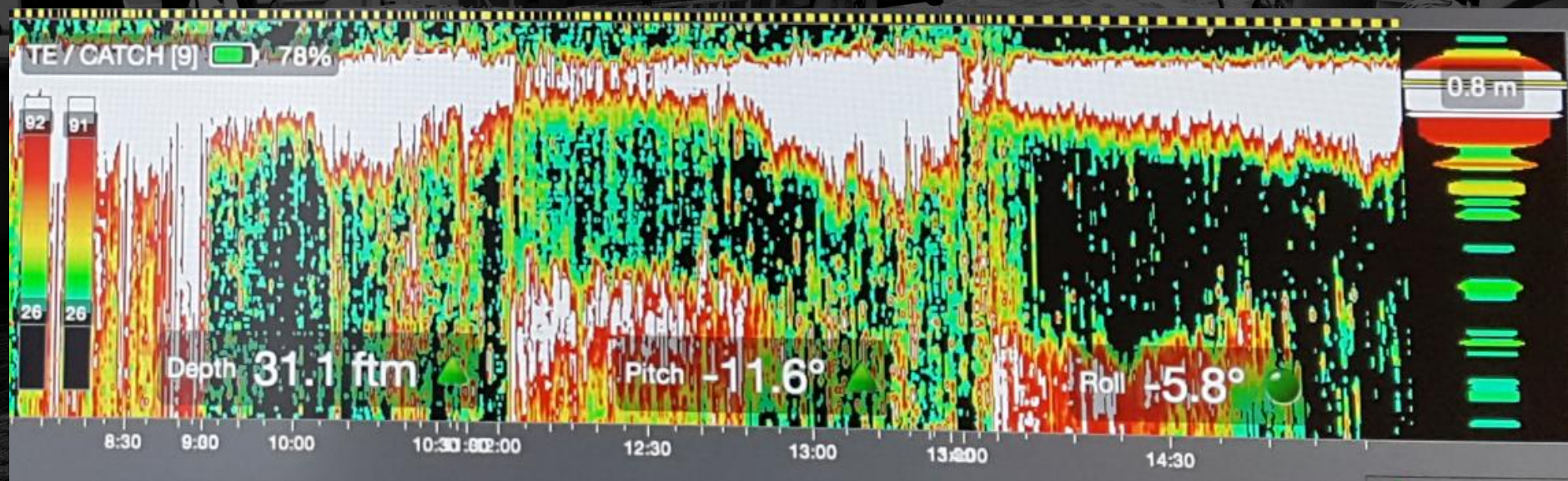
CE: On the Cod End



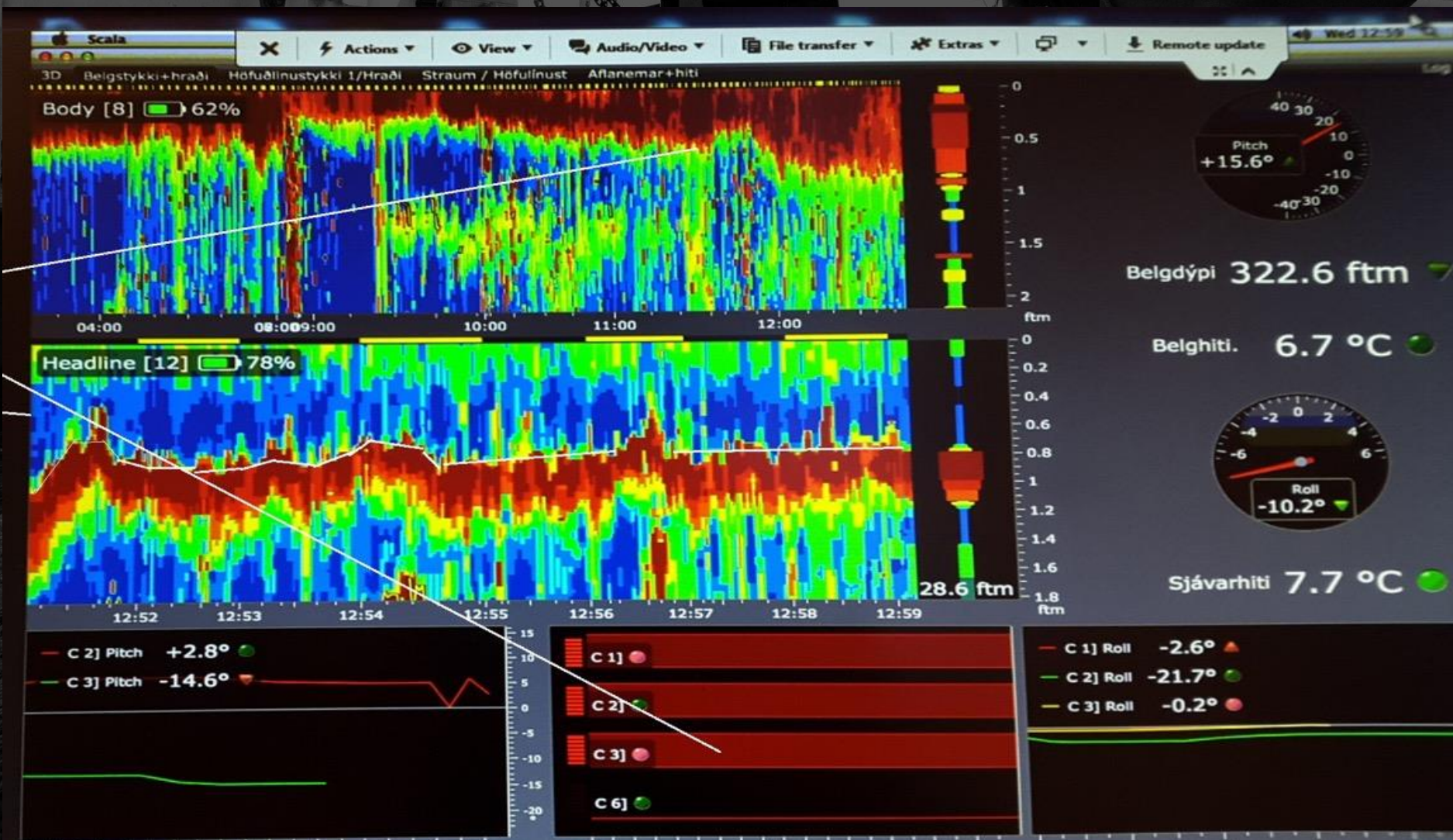
CE: On the Cod End



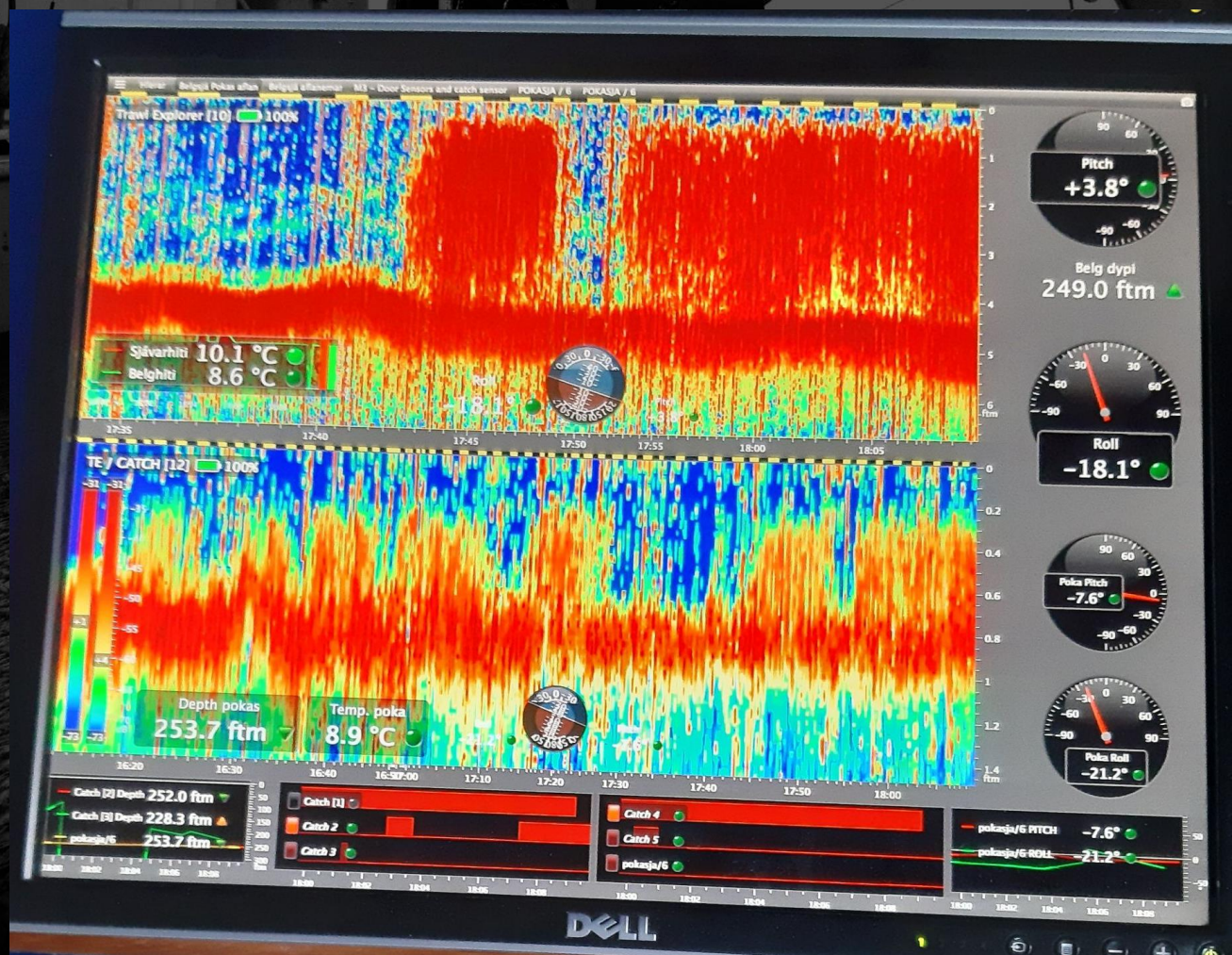
CE: On the Cod End



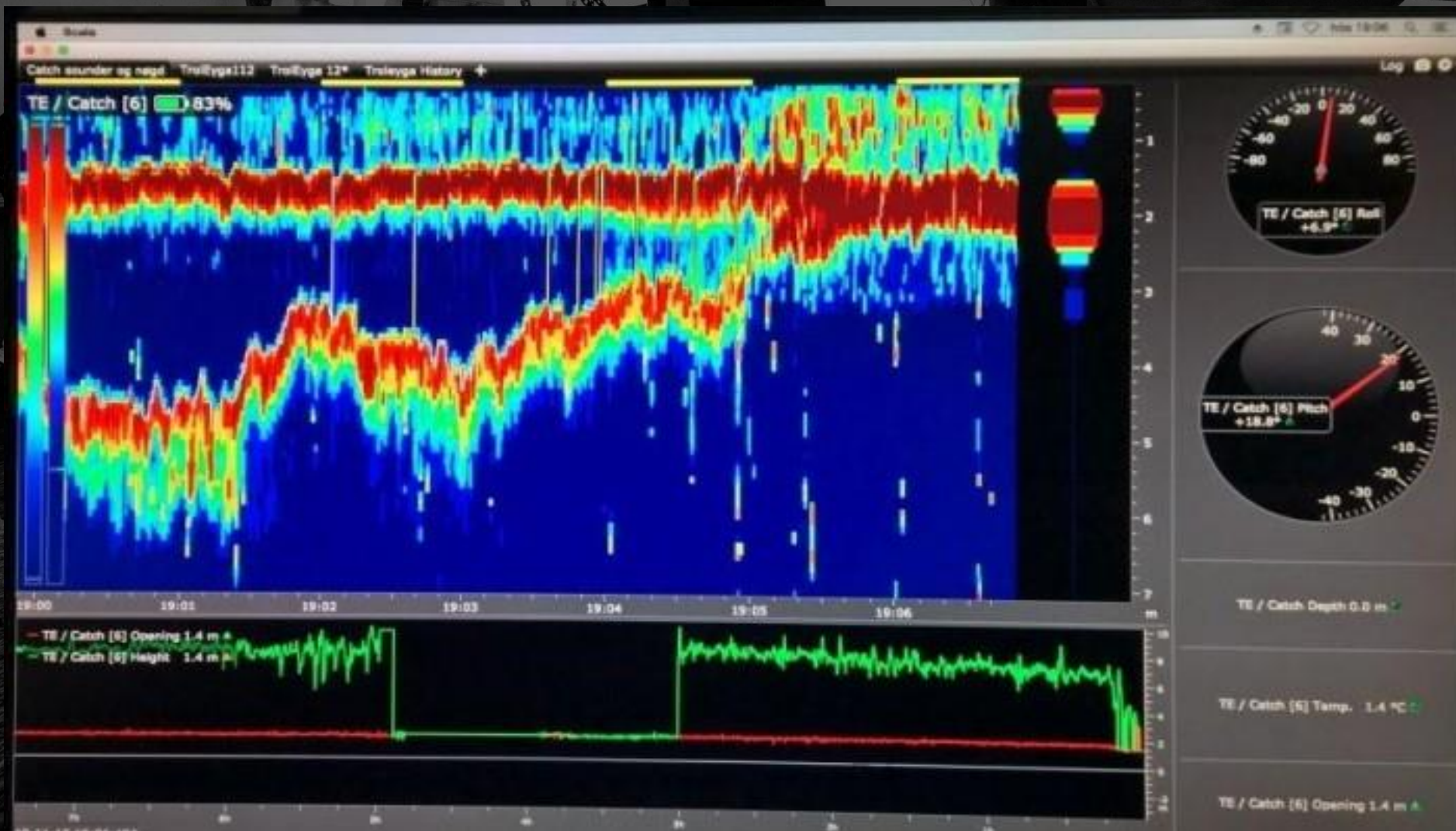
CE: In the Cod End



CE: Cod-End Pelagic Trawl Blue Whiting (Huginn VE 20)



CE: Behind the sorting Grid (Shrimp Trawl)



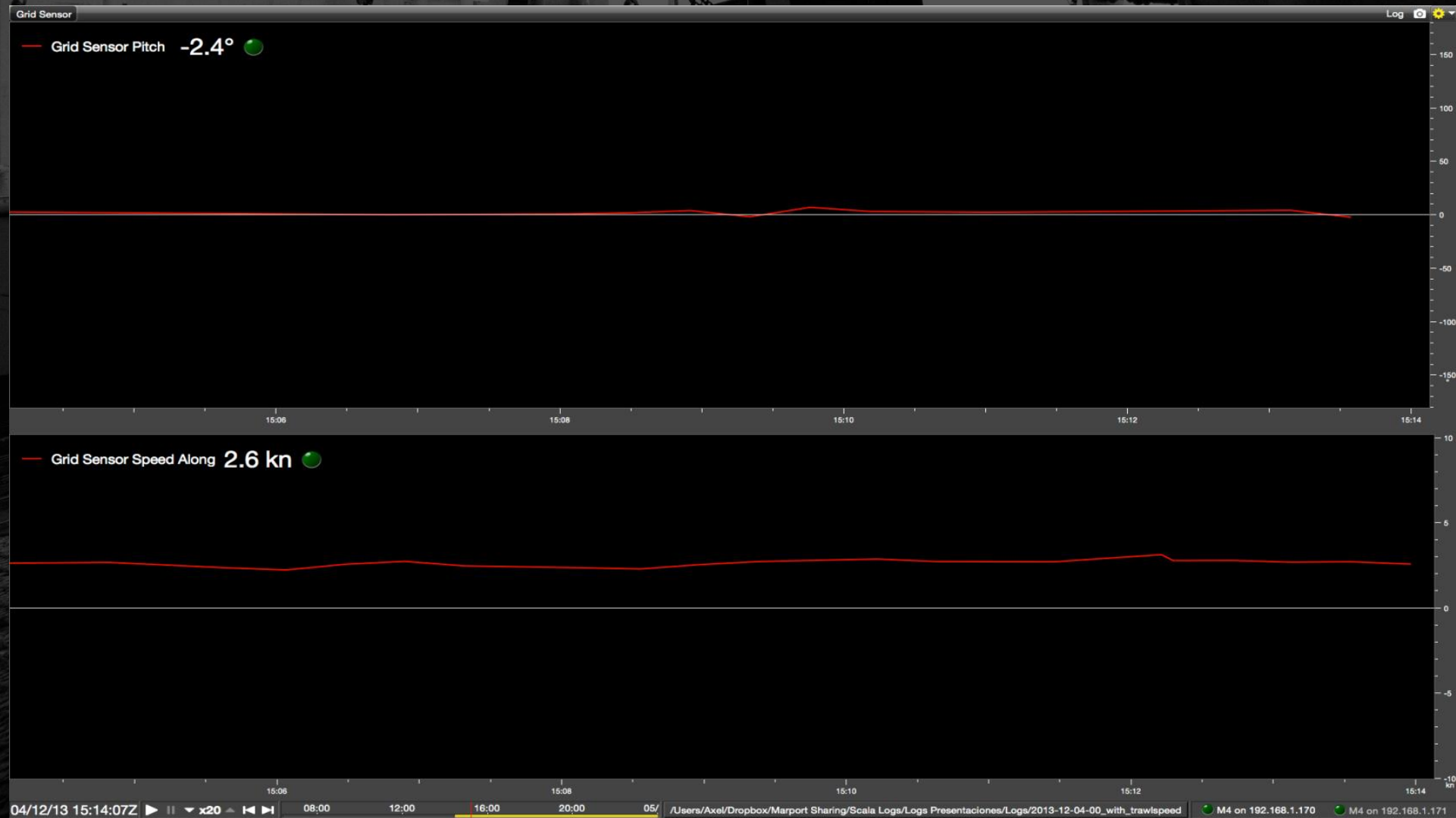
Marport Legacy Grid Sensor

- Measures flow into the sorting grid
- Indicates if the grid aligned or not
- Pitch&Roll included
- Battery Status
- Battery life up to 160h



GRD: Scala View

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GRD
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The Marport Catch Explorer CE-100/CE-150

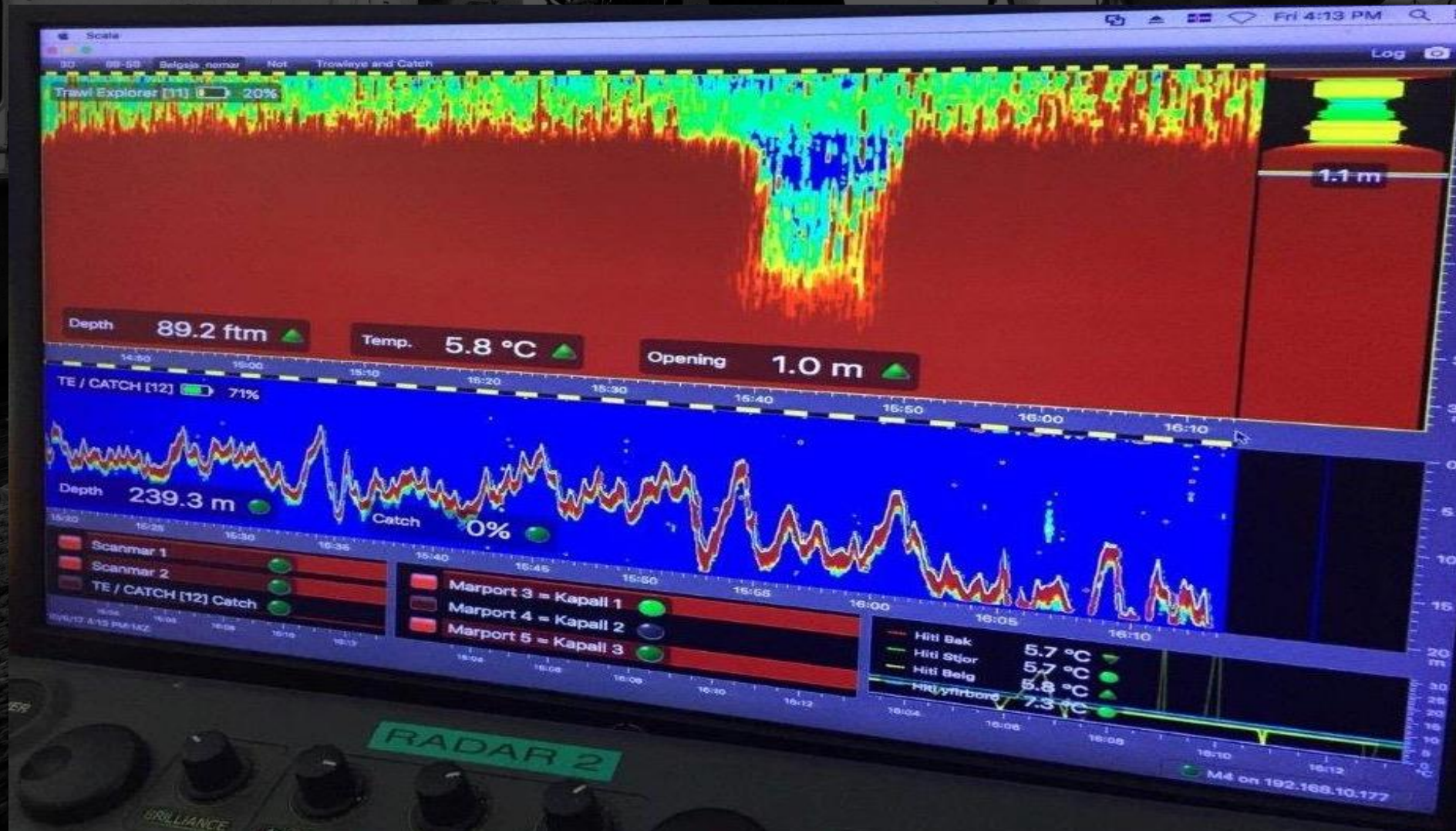
- An echo sounder built into the catch sensor size sensor
- **Optional:**
 - Pitch&Roll
 - Depth
 - Temp
 - Battery Status
- Fish entering the cod end
- Sorting grid status
- Built-in legacy mechanical trigger



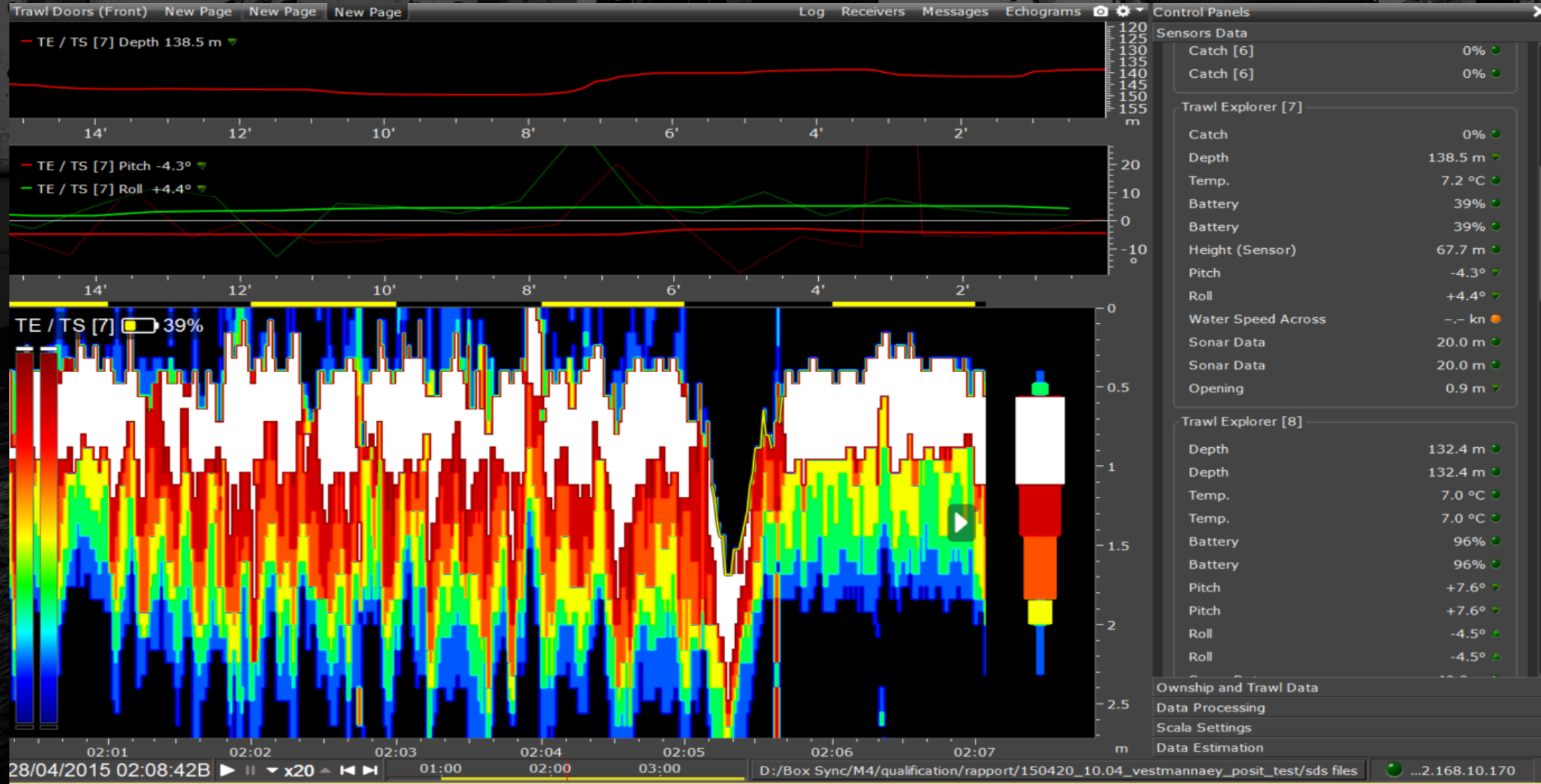
CE: Footrope on Pelagic Trawl (Herring close to bottom)

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BE: Footrope on Bottom Trawl (Fishline)



The Marport Catch Explorer CE-100/CE-150

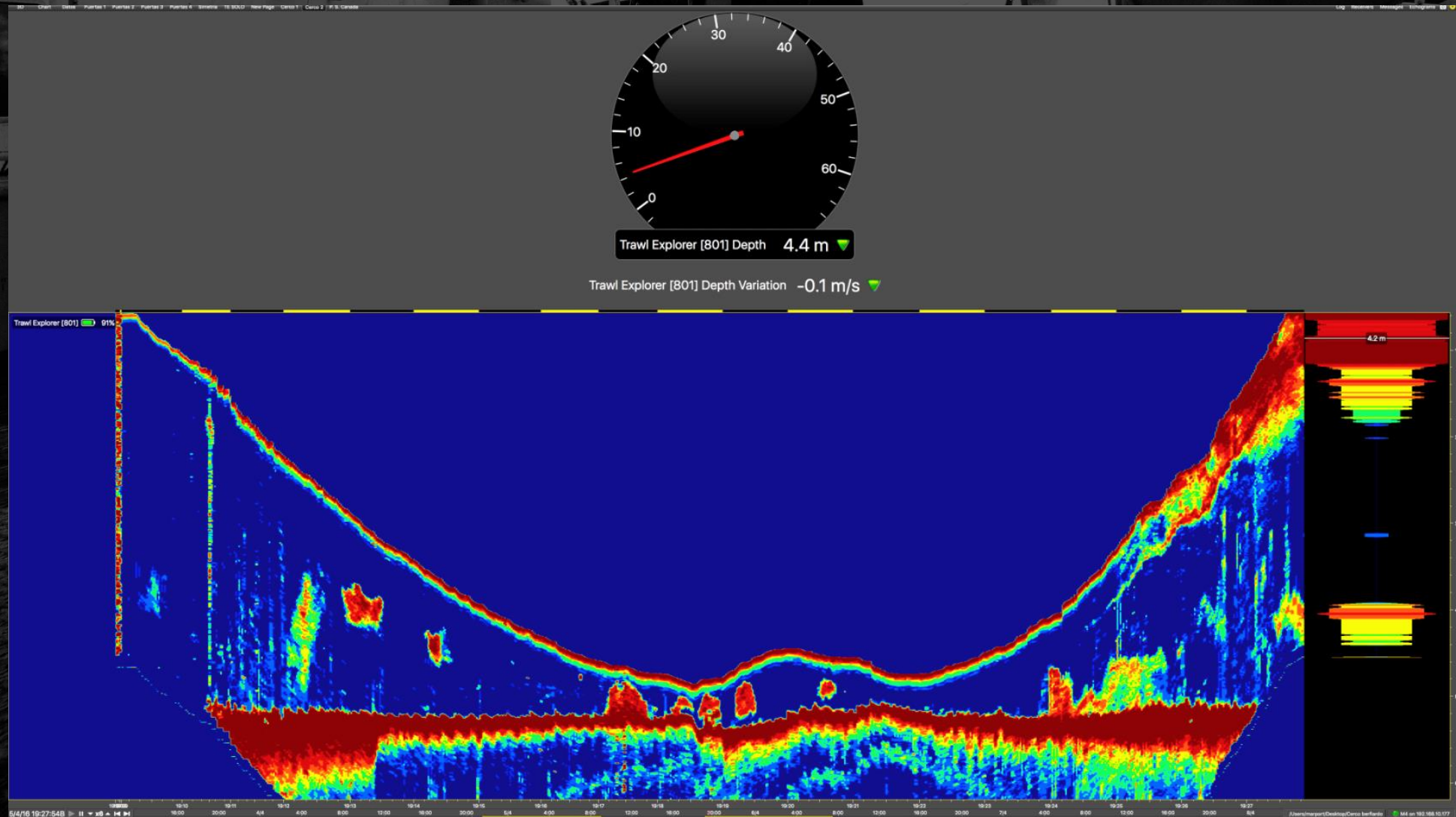
MARPORT
SE
EXPLORER

- **Omnidirectional uplink ensures full contact from the start**
- **Full echogram and depth information**
- **Available as a numerical altimeter**
 - (SE-050-W / SE-100-W)



SE: Seine shooting in Adrian Ocean

MARPORT
SE
EXPLORER

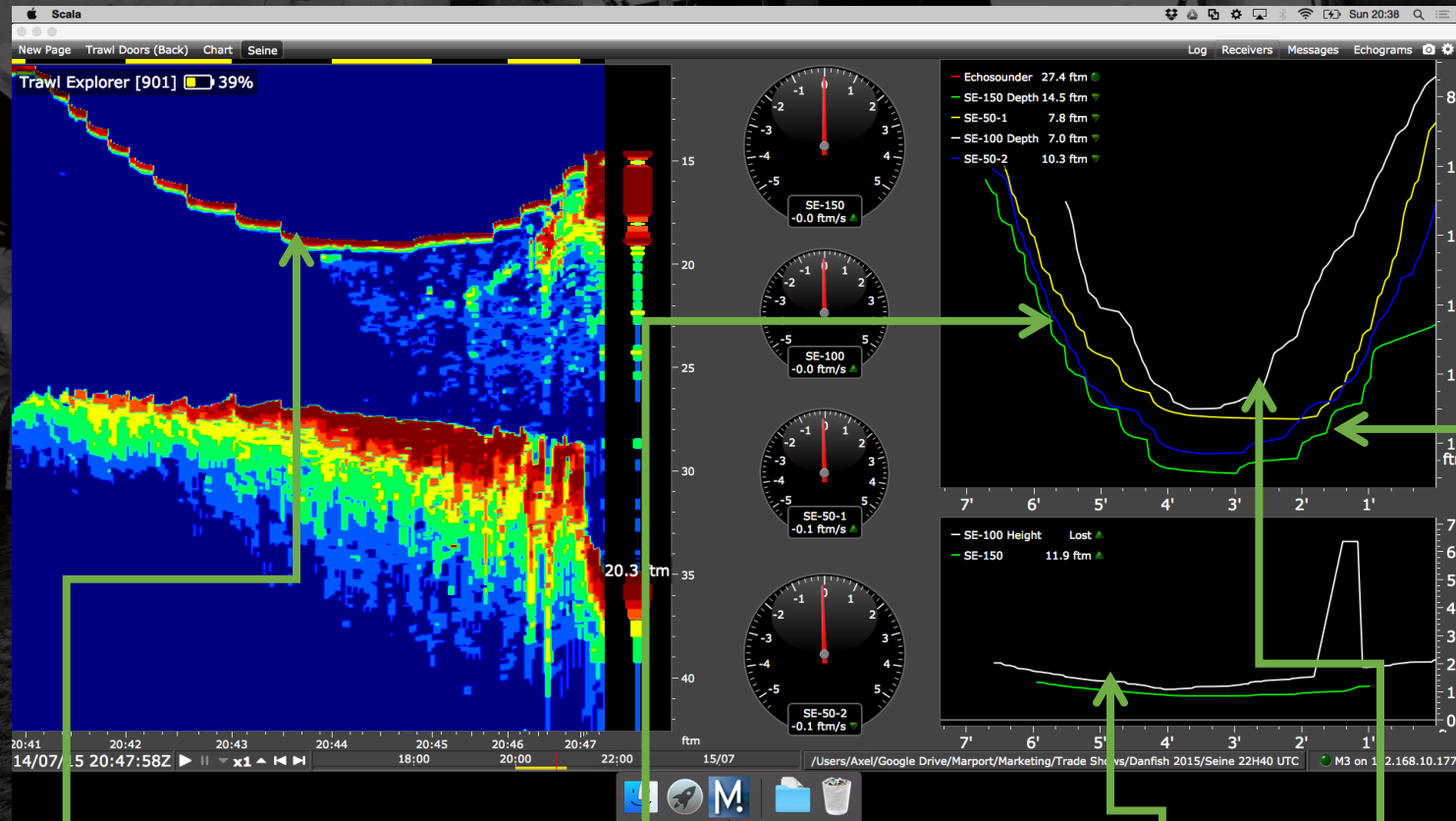


SE: Product line in action

SE: Product in Action

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SE
EXPLORER

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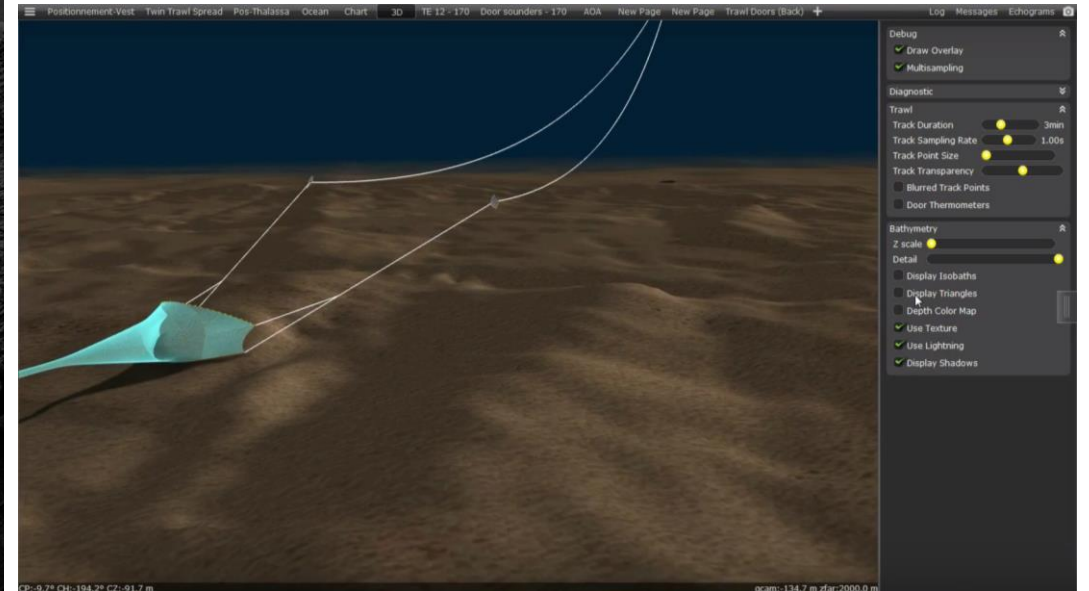
SE50 Depth
Only

SE150 – Full
Echo and
Depth

SE100 – Depth
and Height

Marport Positioning System

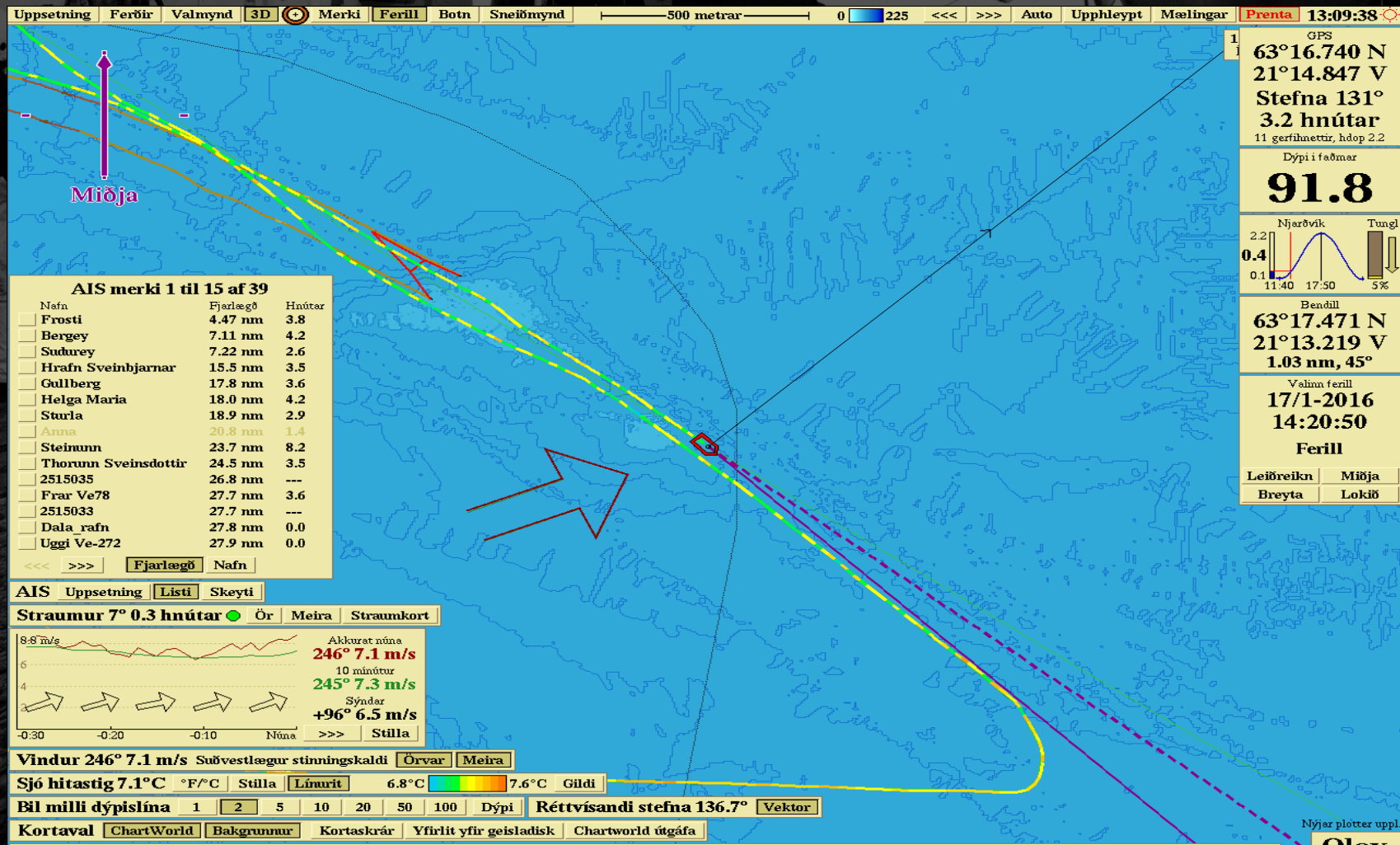
- **Requires Wire Length from wick control**
 - Distance from ship assumed as wire length (Y)
 - Depth from sensor sensor (X)
 - Bearing Angle (°) (BPO-0-00)
- **Compatible with Major Chart Plotters**
 - Olex
 - MaxSea Time Zero
 - MaxSea 12
 - SeaPix
 - Simrad SN90
- **Compatible systems including but not limited to**
 - Scantrol®
 - Rolls Royce®
 - Rapp Marine (ex. Rapp Hydema) ®
 - Naust Marine®
 - Marilec®
 - Karmoy®
- **Requires two Wide band Hydrophones with at least 60 cm separation**
 - 2x NC-1-05 + 2x NC-2-02
 - 2x NC-1-06
 - 2x NC-1-08



PSY: Position displayed on Olex® (Chart Plotter)

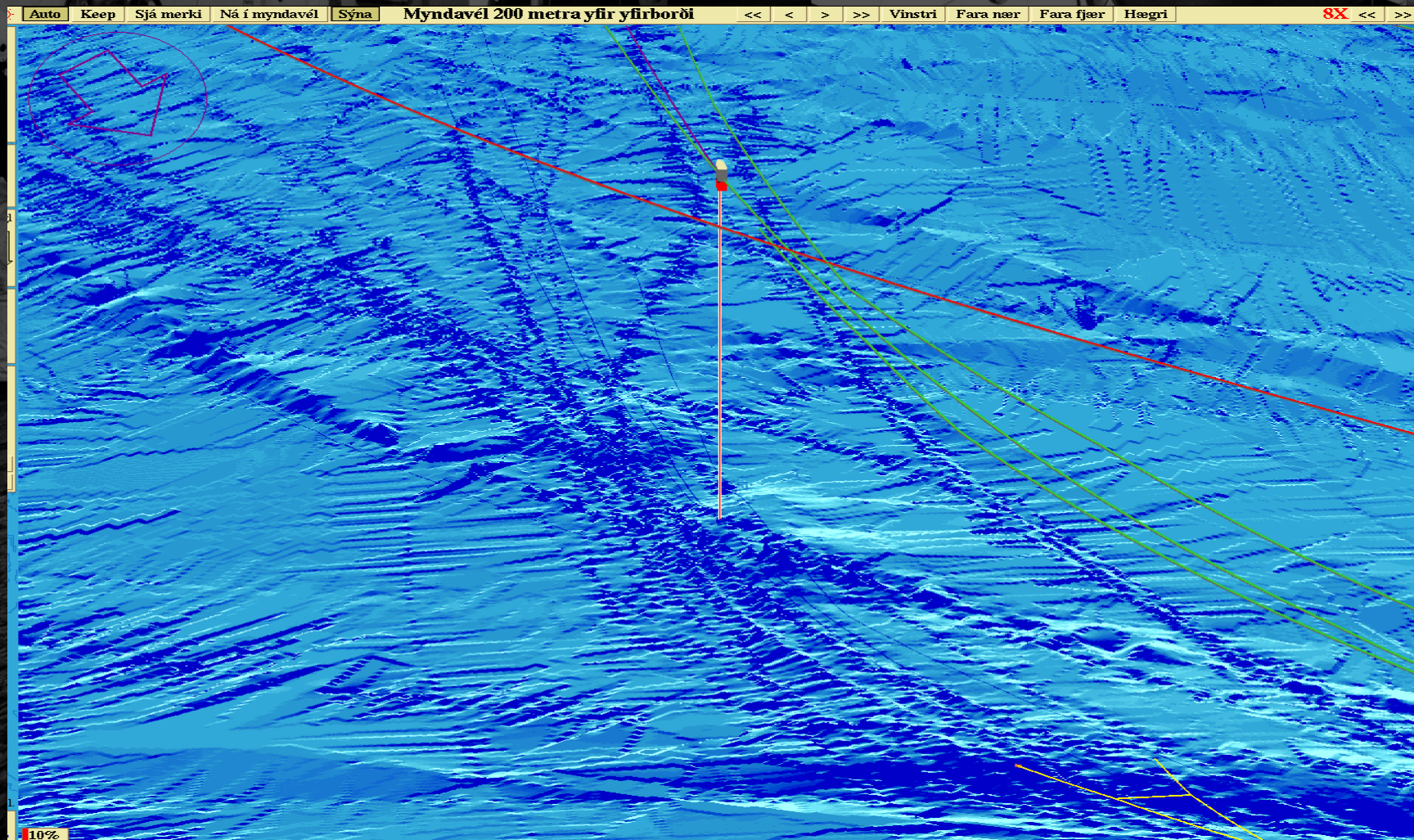
MARPORT
PSY
SYSTEM

MARPORT



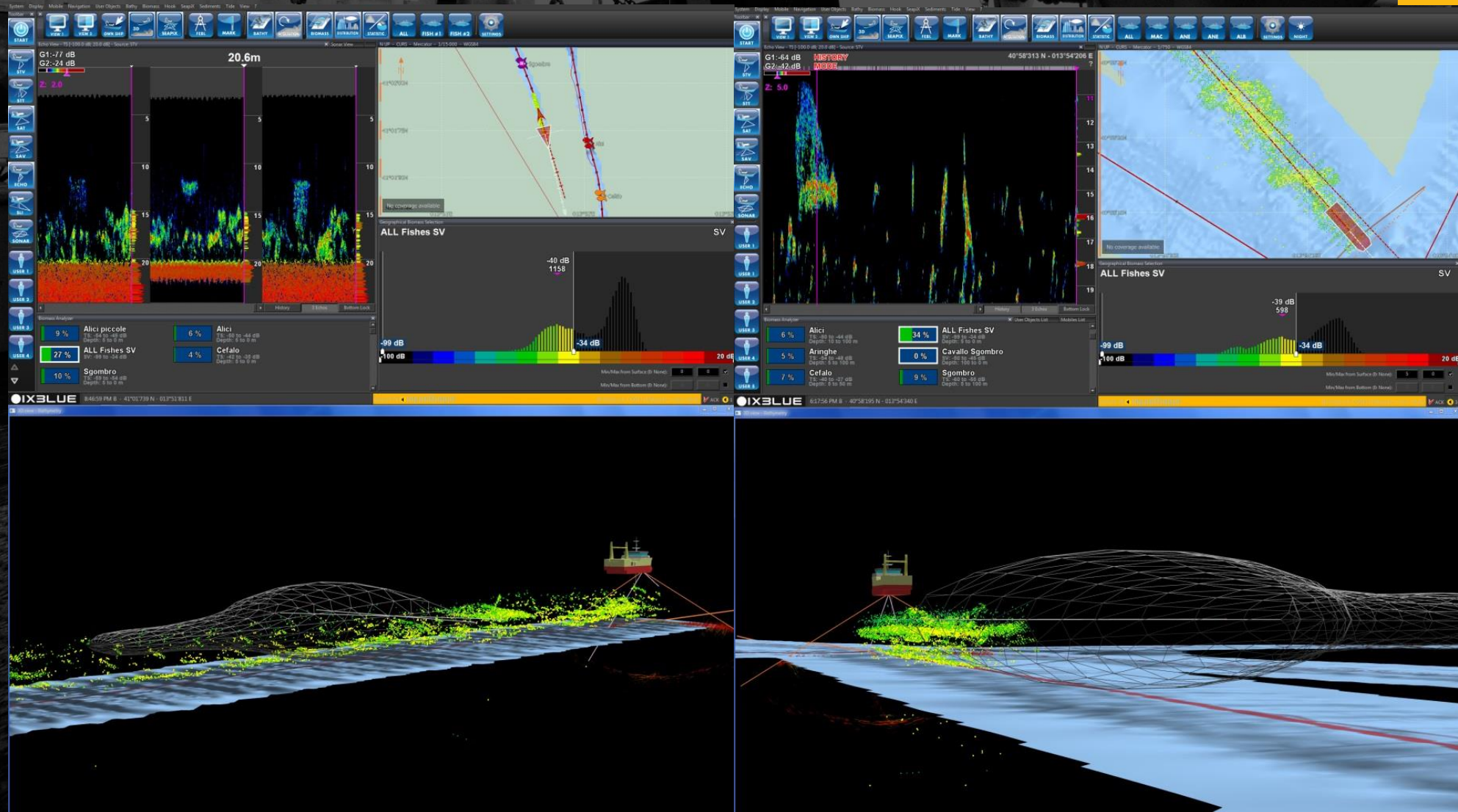
PSY: Position displayed on Olex® (Bathy)

MARPORT
PSY
SYSTEM



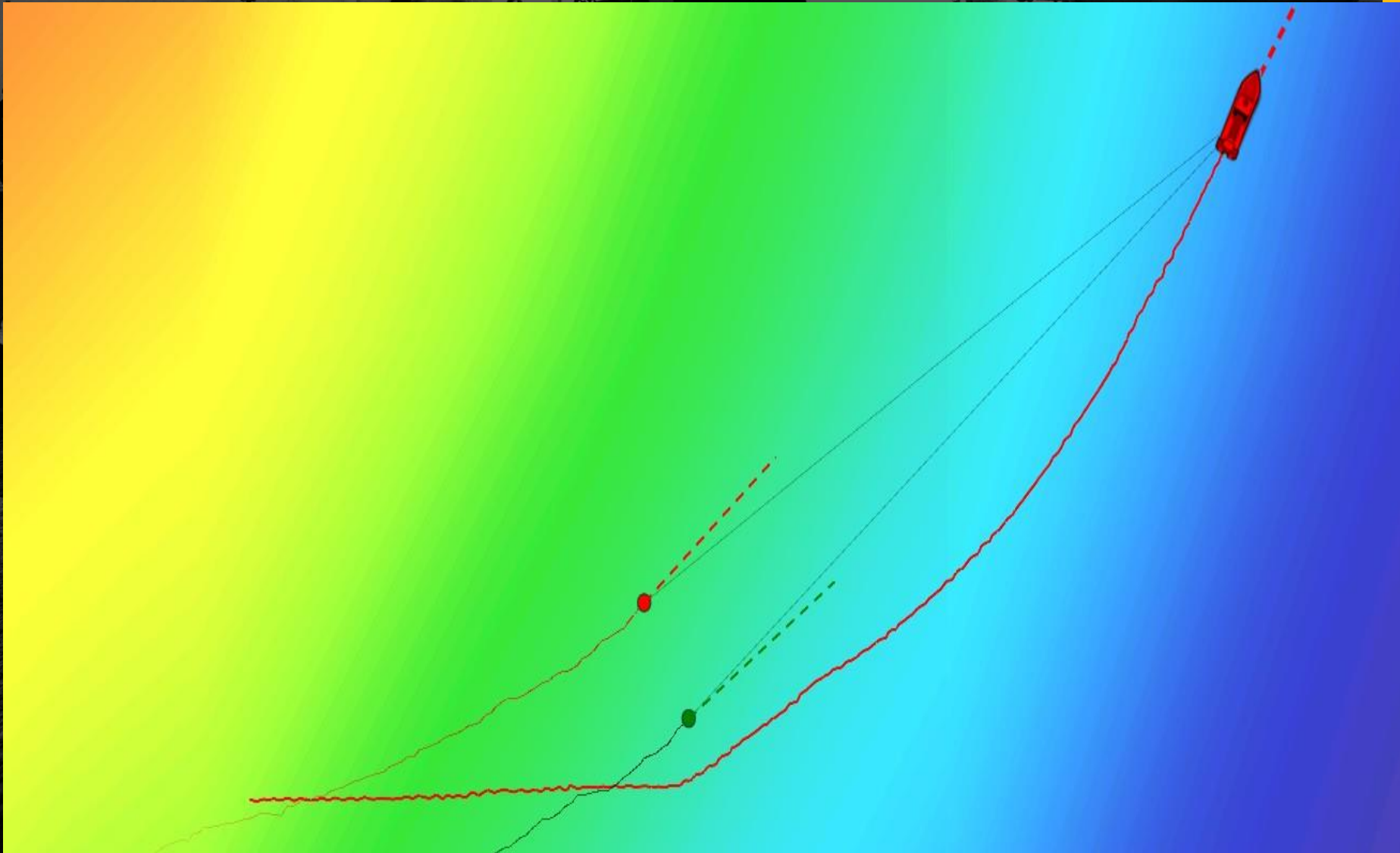
PSY: Position displayed on SeaPix

MARPORT
PSY
SYSTEM

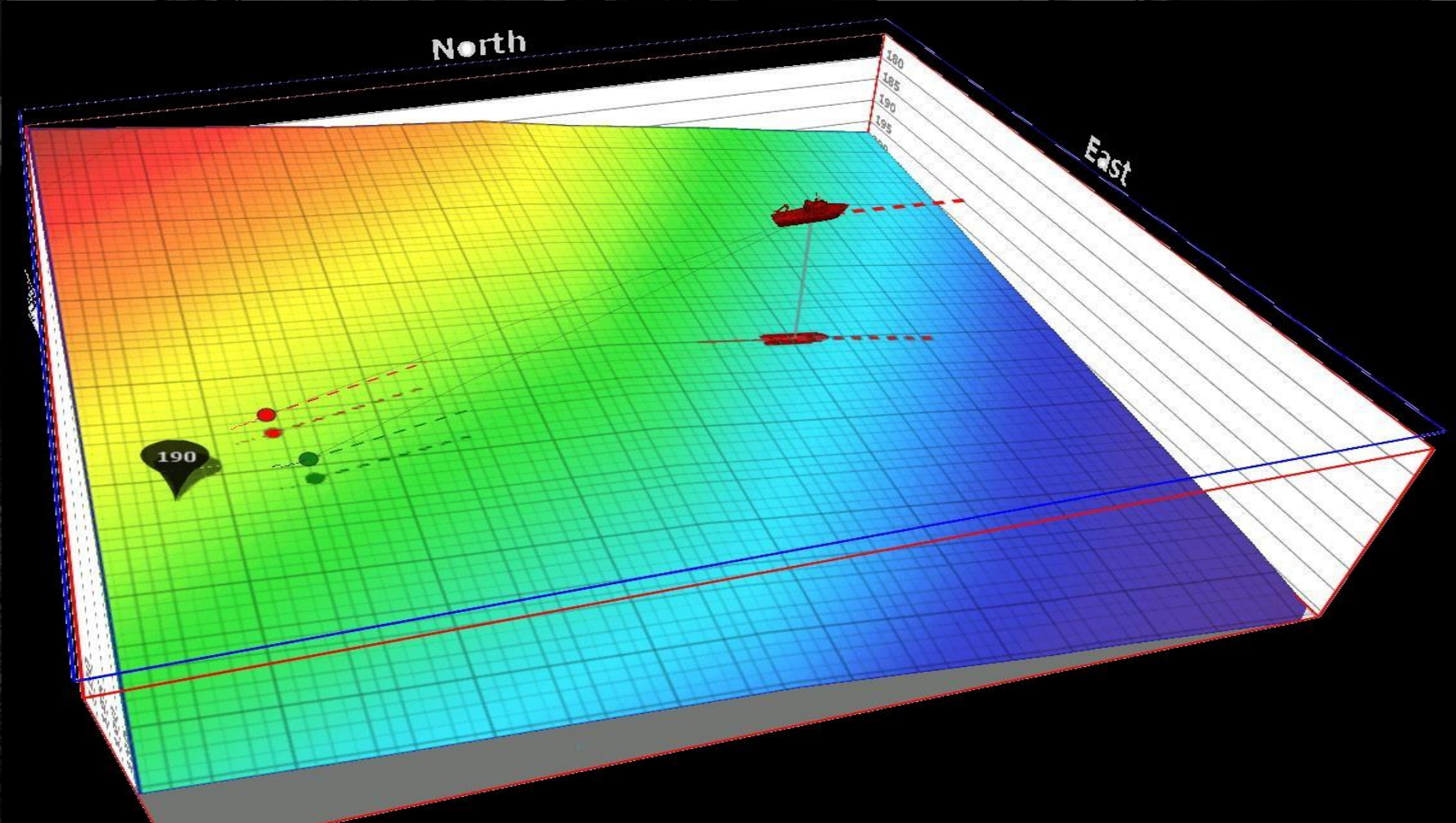


PSY: Position displayed on MaxSea® (Chart Plotter)

MARPORT
PSY
SYSTEM



PSY: Position displayed on MaxSea® (Bathy)



MARPORT | PRO

MARPORT

MARPORT
DE
PRO

MARPORT
DE
PRO

MARPORT
TRI
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MARPORT
TRI
PRO

MARPORT
TN
PRO

MARPORT
TN
PRO

MARPORT
PSY
SYSTEM

MARPORT
SE
EXPLORER

MARPORT
HDTE
EXPLORER

MARPORT
SPE
EXPLORER

MARPORT
CE
EXPLORER

MARPORT
TE
EXPLORER

MARPORT
DE
EXPLORER

MARPORT
MINI SS
SENSOR

MARPORT
TSS
SENSOR

MARPORT
GRD
SENSOR

MARPORT
DS
SOUNDER

MARPORT
SS
SENSOR

MARPORT
TD
SENSOR

MARPORT
M6
SYSTEM

MARPORT
M5
SYSTEM

MARPORT
M4
SYSTEM

MARPORT
M3
SYSTEM

MARPORT
RS
SENSOR

MARPORT
NFS
SENSOR

MARPORT
BE
EXPLORER

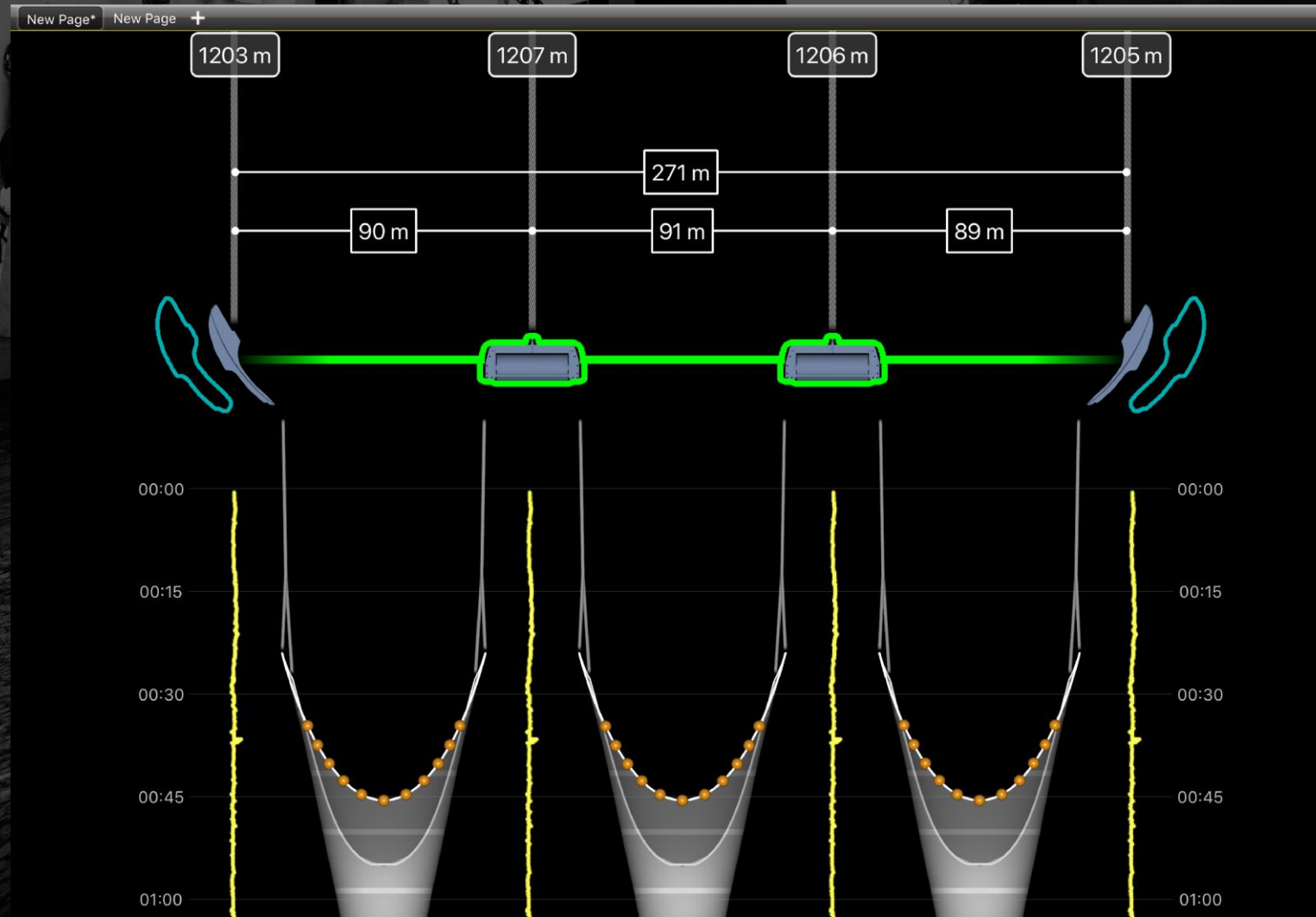
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Marport Multi-rawl

MARPORT
SS
SENSOR

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Triple Trawl System

Senja NO / Avataq GL / Nataarnaq GL

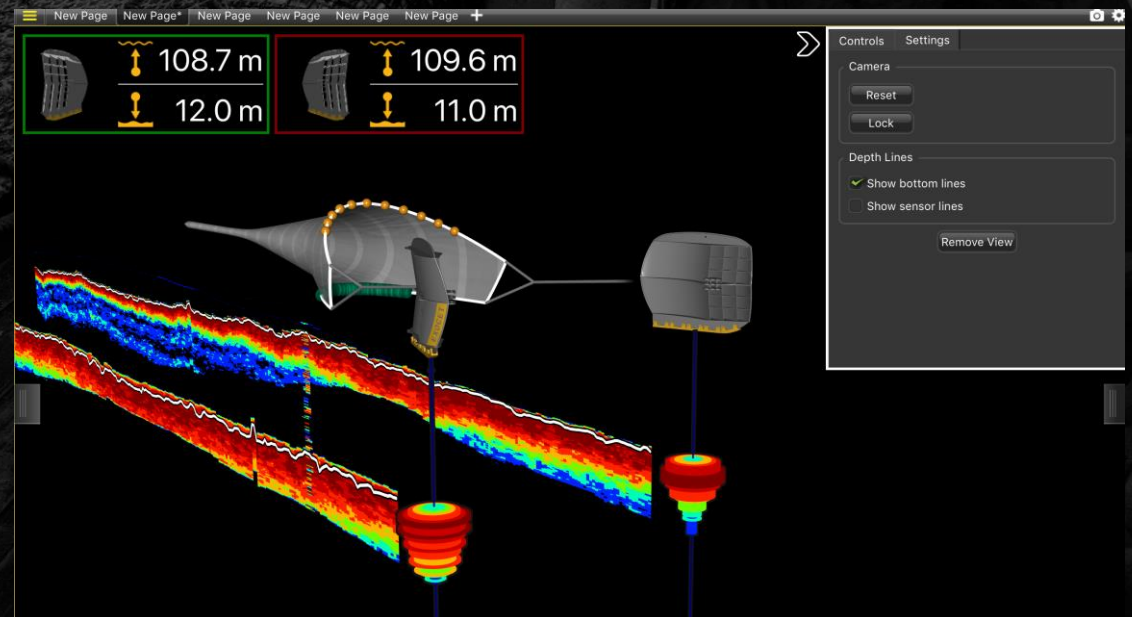
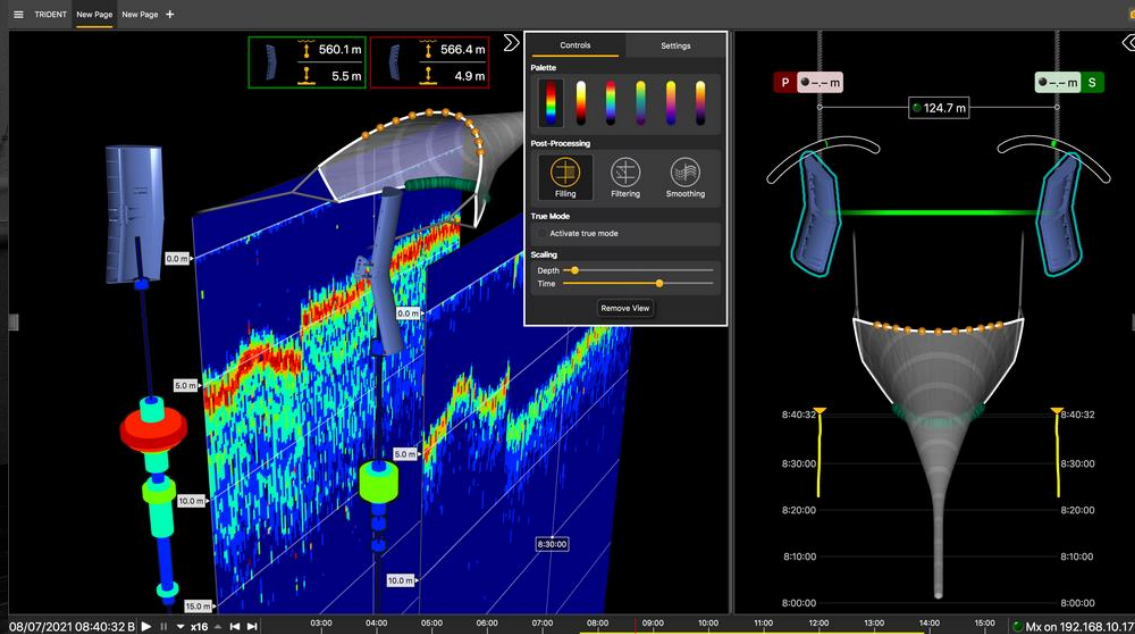
MARPORT
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Door Explorer: Scala View Single Trawl

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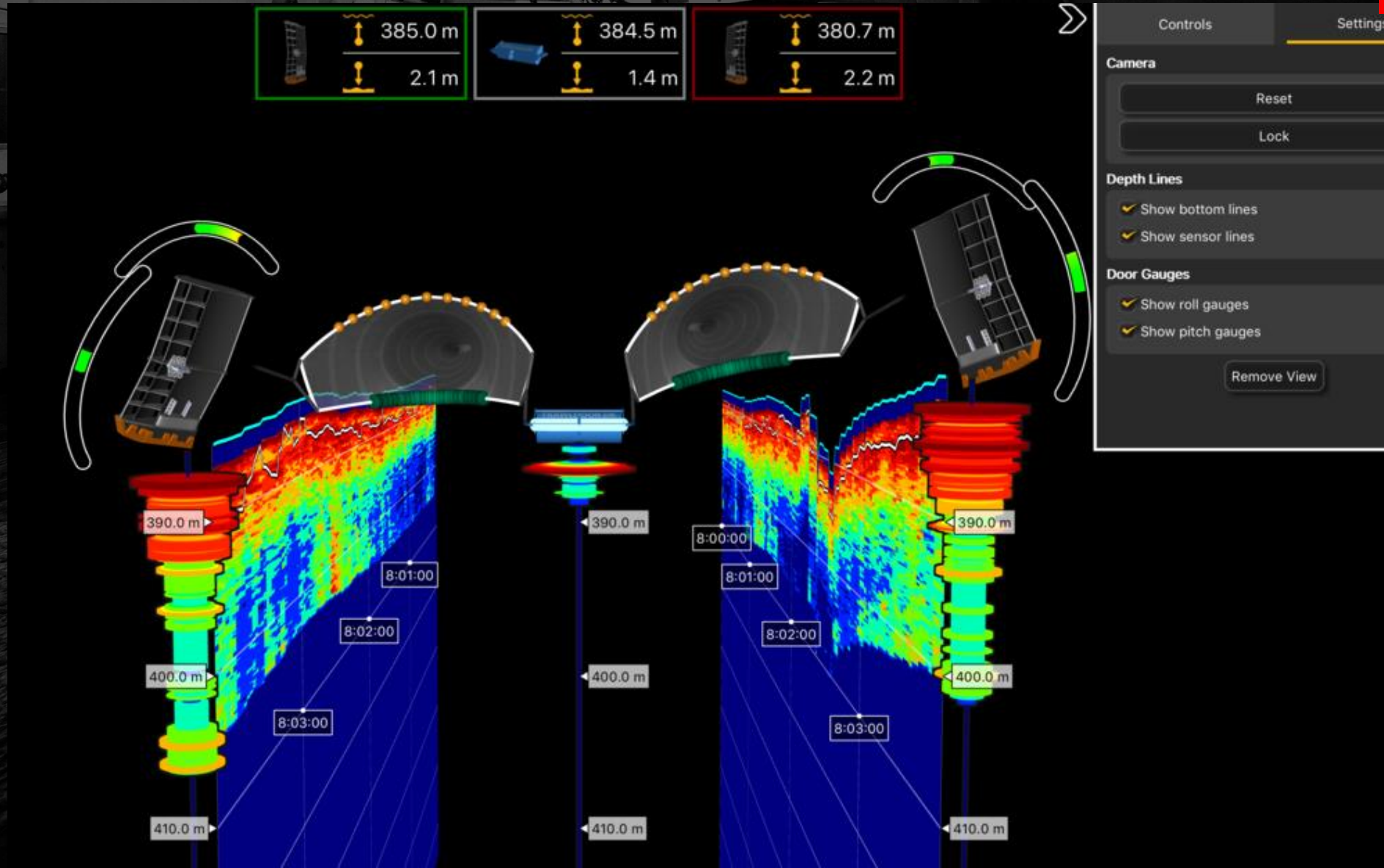
MARPORT



Door Explorer: Scala View Twin Trawl

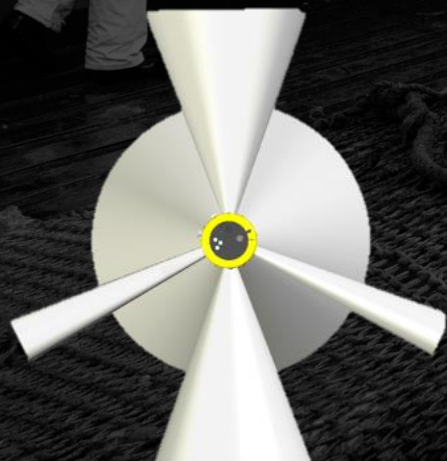
MARPORT
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PRO

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Marport Trident (Proof of Concept)

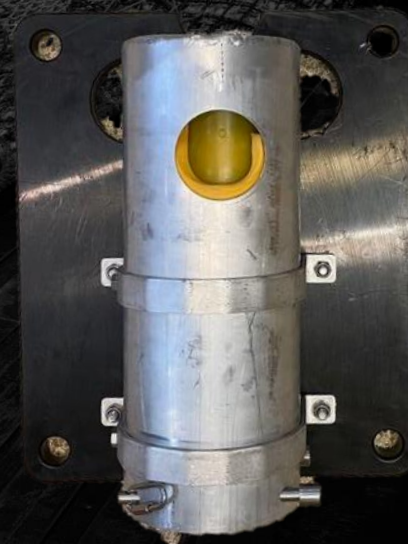
- 4 Beams
 - Up/Down
 - Port/Starboard
- Pitch&Roll, Depth, Temperature, Battery Status
- Up 96h of operation at full update speed
- Echograms updated 0.6-2.5s (depending on range)



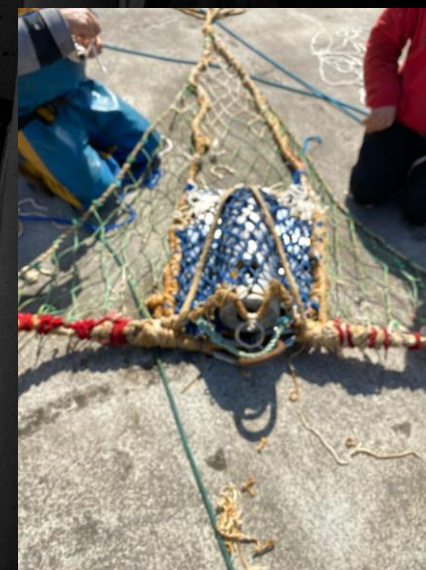
Idea



Prototypes



Application testing



Marport Trident (Final Version)

- No moving parts
- Ergonomic housing
- Good protection
- Easy access
- Weight: 13.5 Kg
- In water: 6.4 Kg



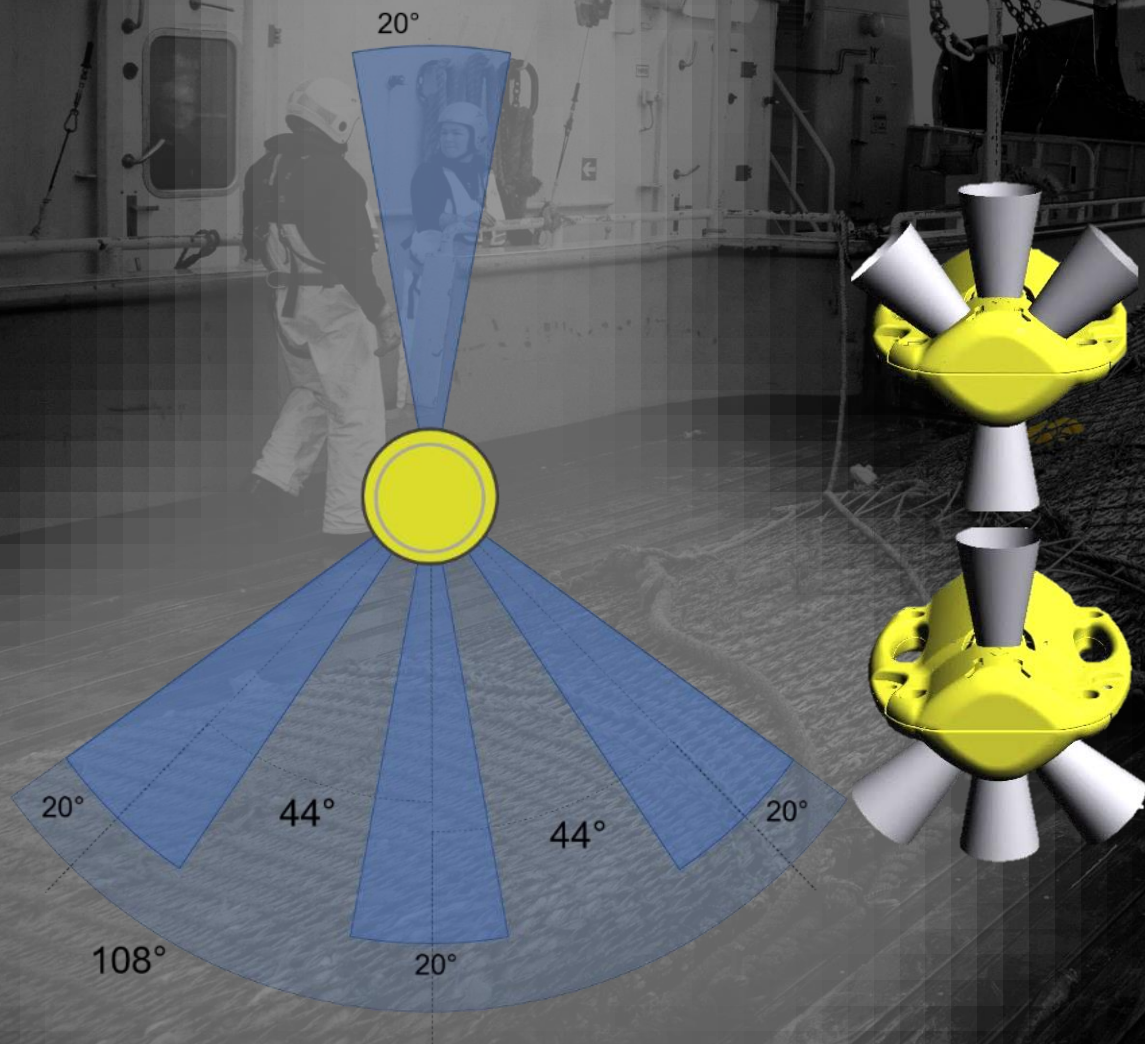
Application testing

Product 1Q 2022

Marport Trident (Details)

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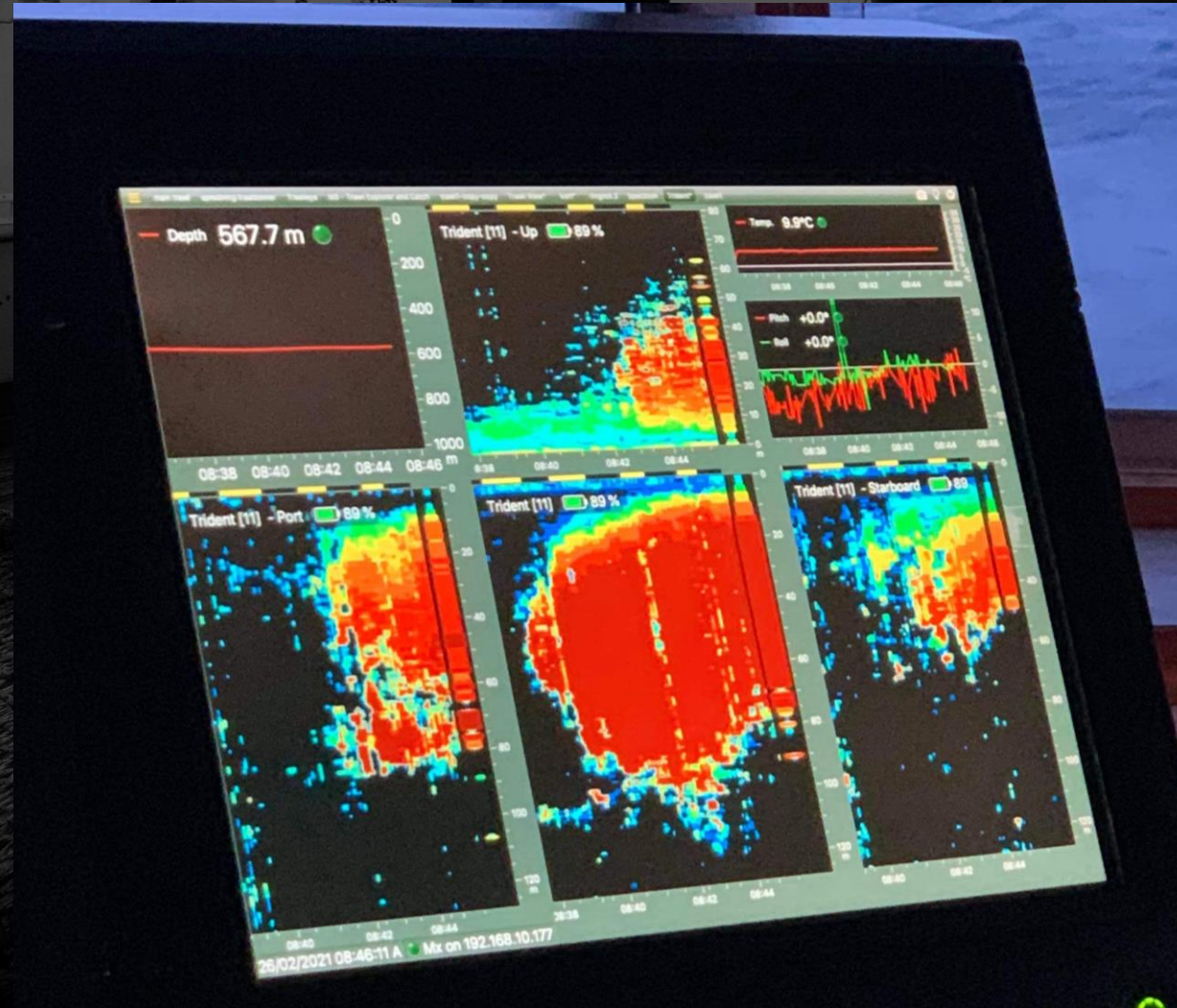
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Trident: Norwegian Sea Blue Whiting (2021)

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TRI
PRO

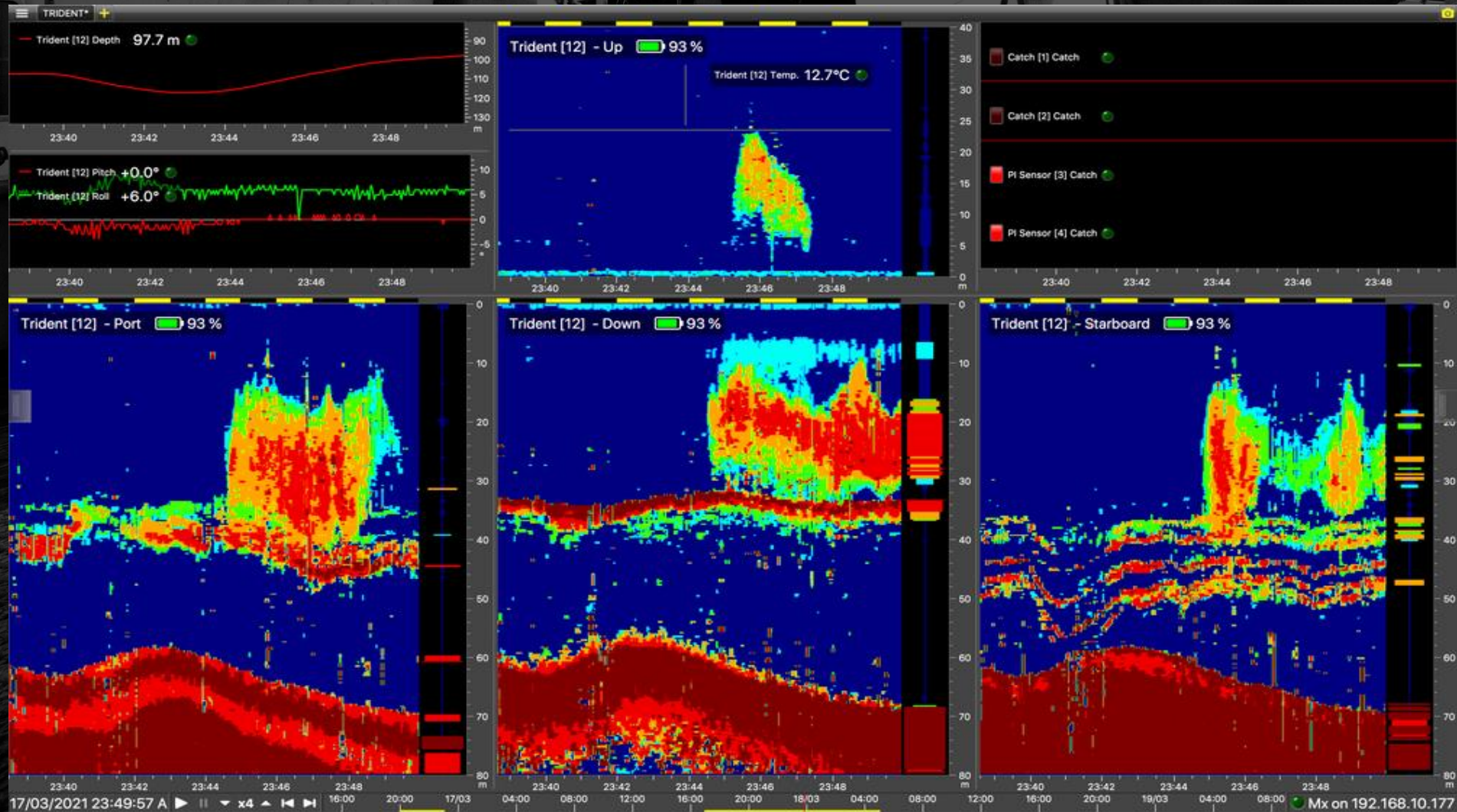
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Trident: Mackerel/ Bluefin Tuna March 2021 (Bay of Biscay)

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TRI
PRO

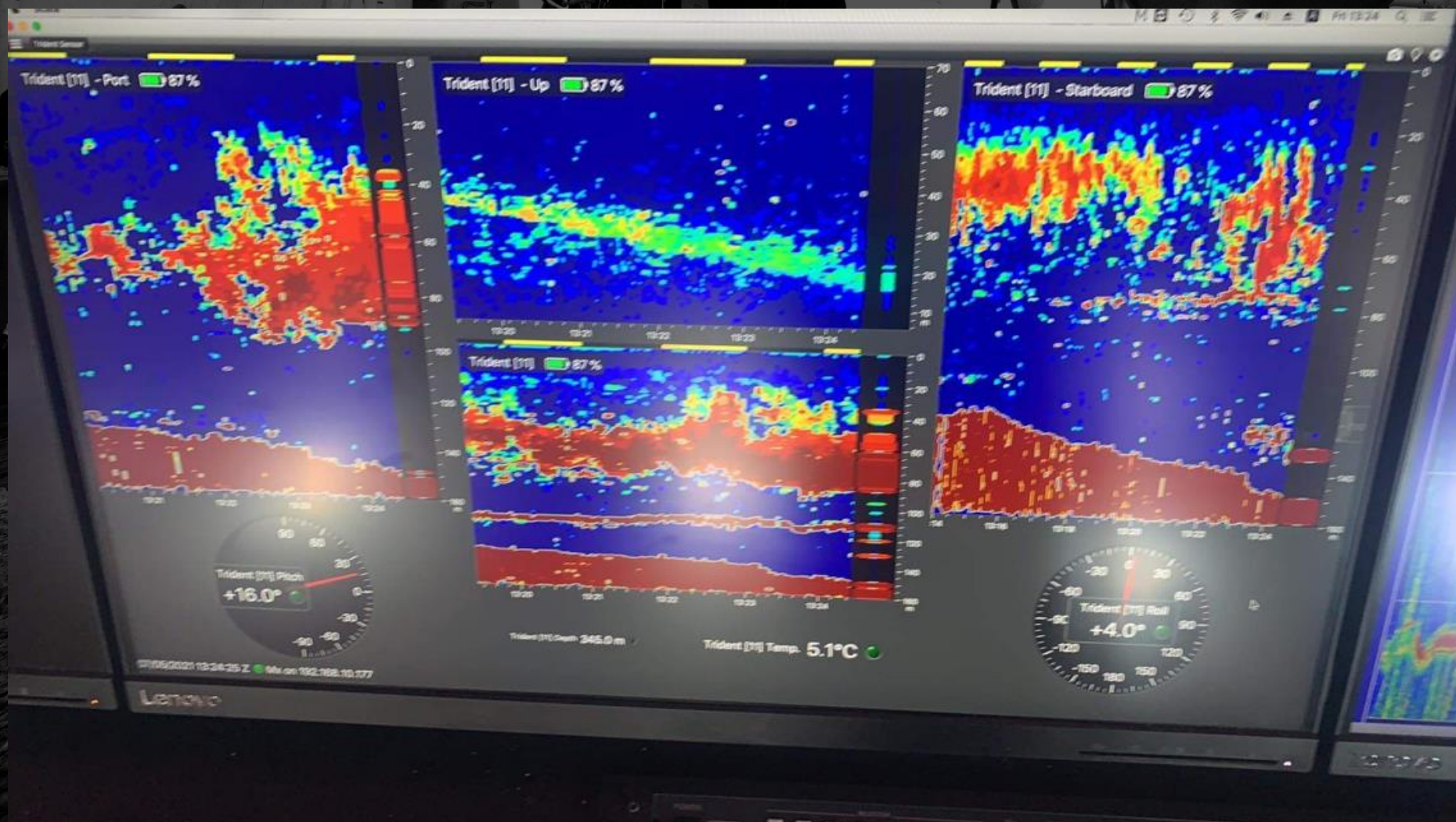
MARPORT



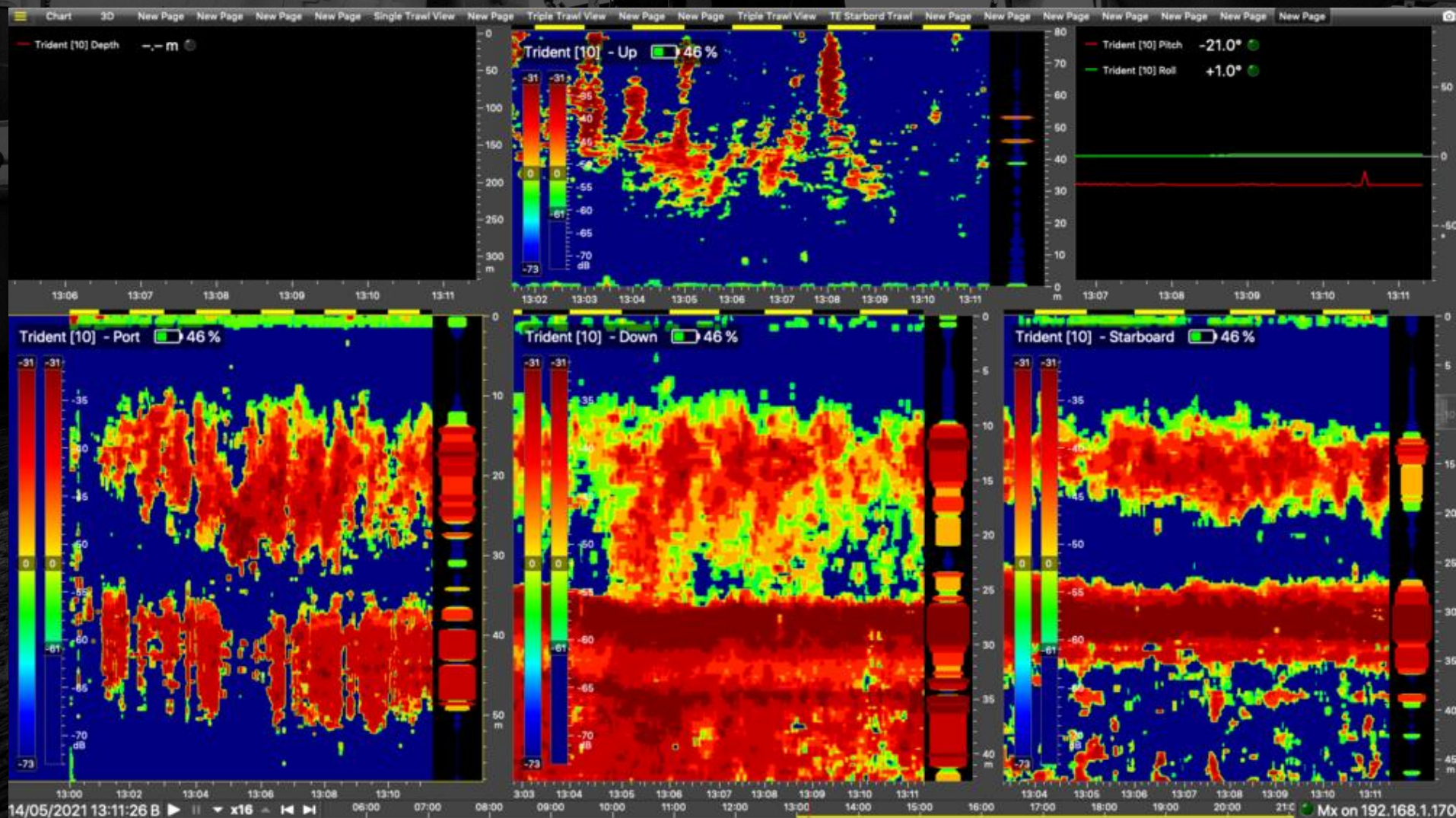
Trident: Blue Whiting May 2021 (Faroise Sea)

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TRI
PRO

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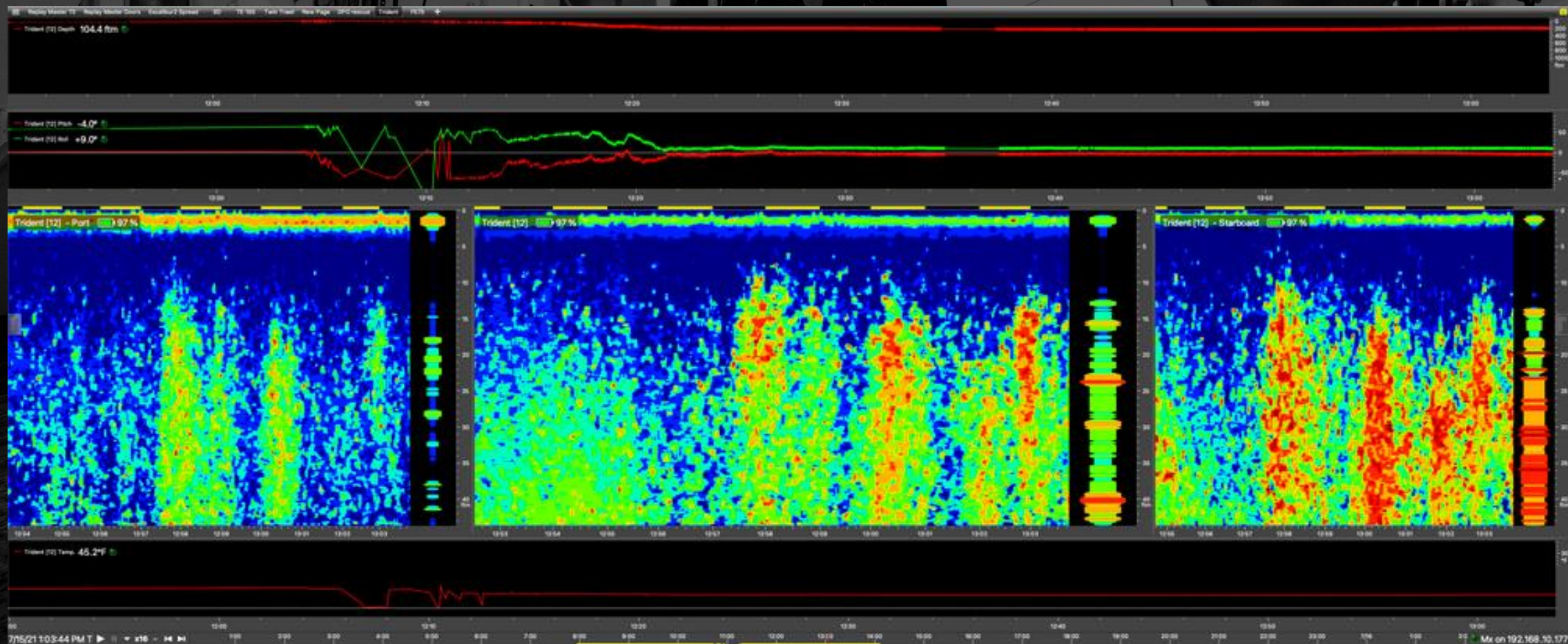
Trident: Redfish May 2021



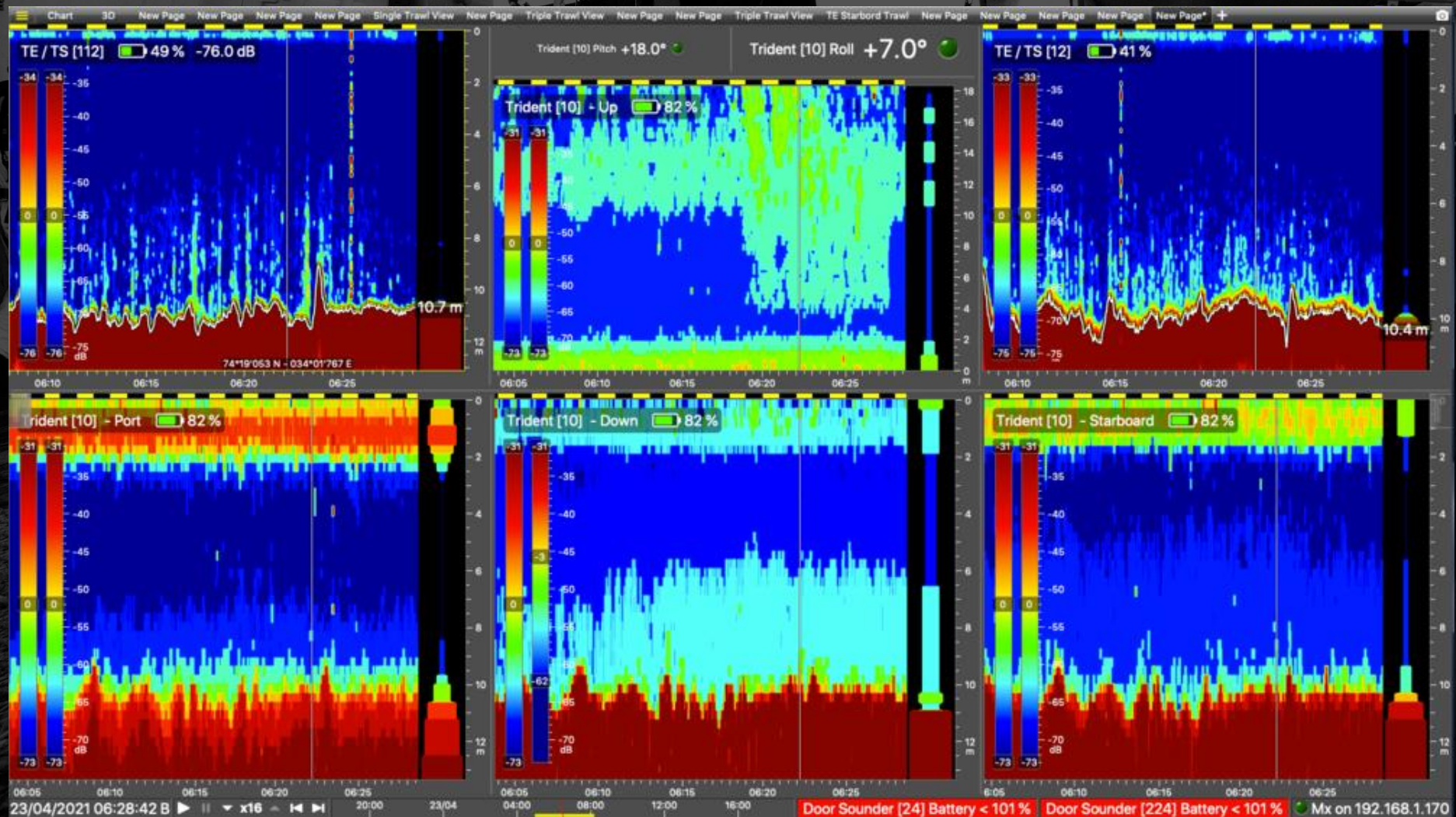
Trident: Hake (USA) Julu 2021

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TRI
PRO

MARPORT



Trident: Shrimp April 2021

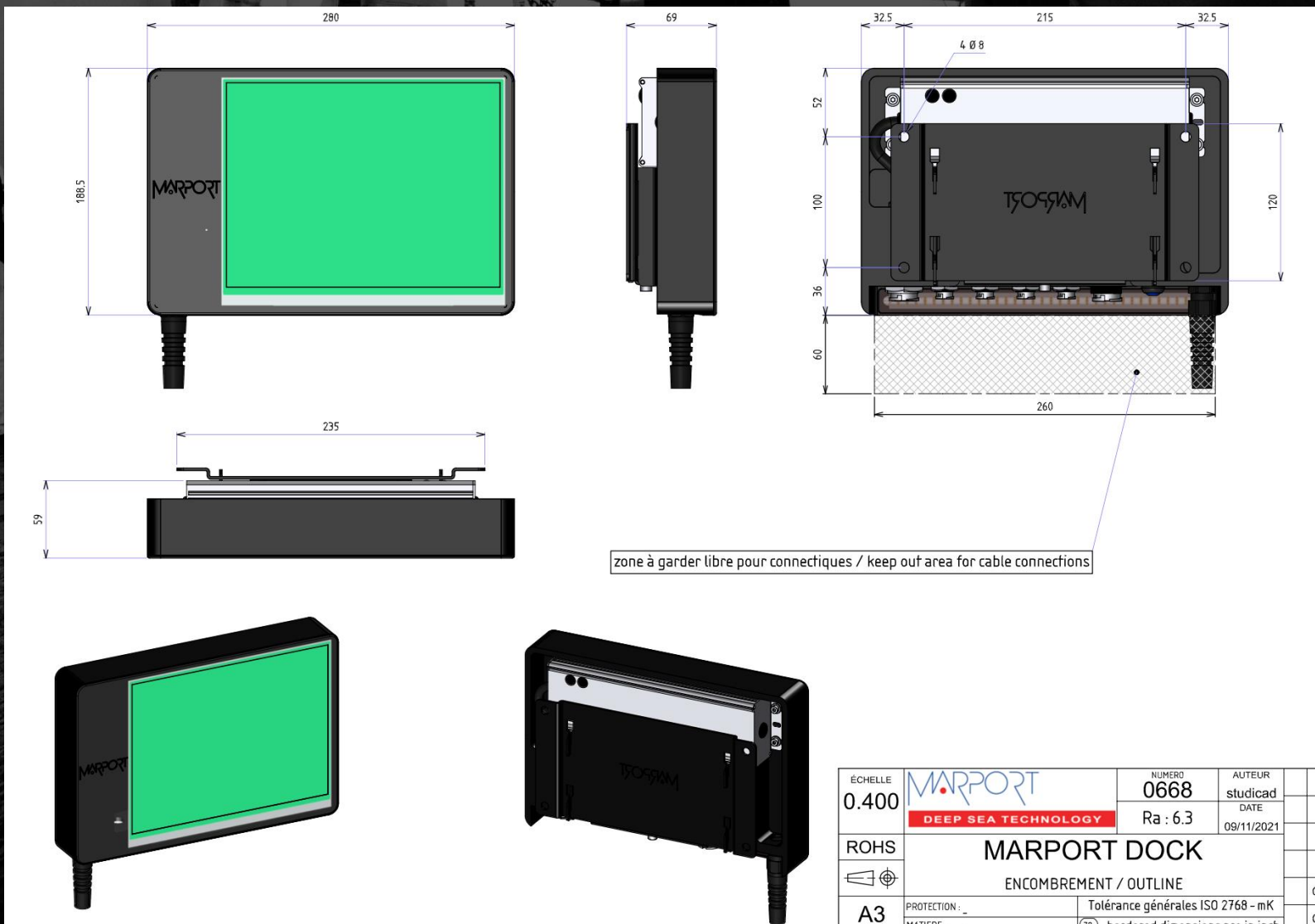


Marport Dock I Pro



- Networked to Bridge computer
- E-paper display for charging & health status
- 4x Fast Charging Ports
- 1x USB for Marport Config Cable
- Compatible with Marport A1 sensors from 2007-2022

Marport Dock I Pro



Marport Dock (Natarnaaq)



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See
in
sea