

Ny opmålingsmetode - Screening 10. marts 2020 Suså vandløbslaug



Steen Rasmussen

Nuværende opmålingsmetode





Ny opmålingsmetode/screening



Billede af jolle

Sejlspor



Software visning højdekurver

The screenshot displays the C-MAP Genesis software interface. The main window is divided into two primary sections:

- Left Panel (Map View):** Shows an aerial satellite view of a river channel. Overlaid on the map are bathymetric contour lines in shades of cyan and blue, indicating depth. A red line traces the path of the sonar track along the river. The word "Gudenå" is labeled at several points along the river. A "Road" inset map is visible in the top left corner. At the bottom of the map, coordinates are displayed: Lat: 0056.3694370, Lon: 0009.6458530. Scale bars for 100 feet and 25 meters are also present.
- Right Panel (Sonar Data View):** Displays a sonar data plot titled "Sonar_2019-08-13_..." with a timestamp of "2019-08-13 12:09:23 (UTC)". The plot shows depth on the vertical axis (ranging from 0 ft to -12 ft) and distance on the horizontal axis. The data is represented by a color-coded heatmap where yellow and red indicate strong returns (likely riverbed or vegetation) and blue indicates weak returns. A vertical line marks the current position of the sonar track. Below the plot, there are controls for frequency, with "200 kHz" selected and "455/800 kHz" as an alternative. Navigation arrows are also visible.

The software is running in a web browser window, with the address bar showing "https://www.genisismaps.com/Dashboard/TripReview/Viewer?t=896767&c=236291". The Windows taskbar at the bottom shows various application icons and the system clock indicating 14:23 on 02-02-2020.

Software visning vegetation

The screenshot displays a web browser window with the following elements:

- Browser Tabs:** "Re: Måling i Gudenå - steen.rasmussen" and "C-MAP Genesis - Trip Viewer - Gudenå".
- Address Bar:** <https://www.genesismaps.com/Dashboard/TripReview/Viewer?t=896767&c=236291>
- Main Content Area:**
 - Left Panel:** Aerial map of a river area labeled "Gudenå". A red track line follows the river. Bathymetric contours are overlaid, with depth values of 1 and 2. A "Road" inset map is visible in the top left.
 - Right Panel:** Sonar data titled "Sonar_2019-08-13_2019-08-13 12:09:23 (UTC)". It shows a color-coded depth profile with labels at 0 ft, -2.4, -4.8, -7.2, -9.6, and -12. Frequency options for 200 kHz and 455/800 kHz are shown at the bottom.
- Bottom Panel:** Windows taskbar with icons for File Explorer, Chrome, Firefox, and other applications. System tray shows "DA", a help icon, and the time "14:24" on "02-02-2020".

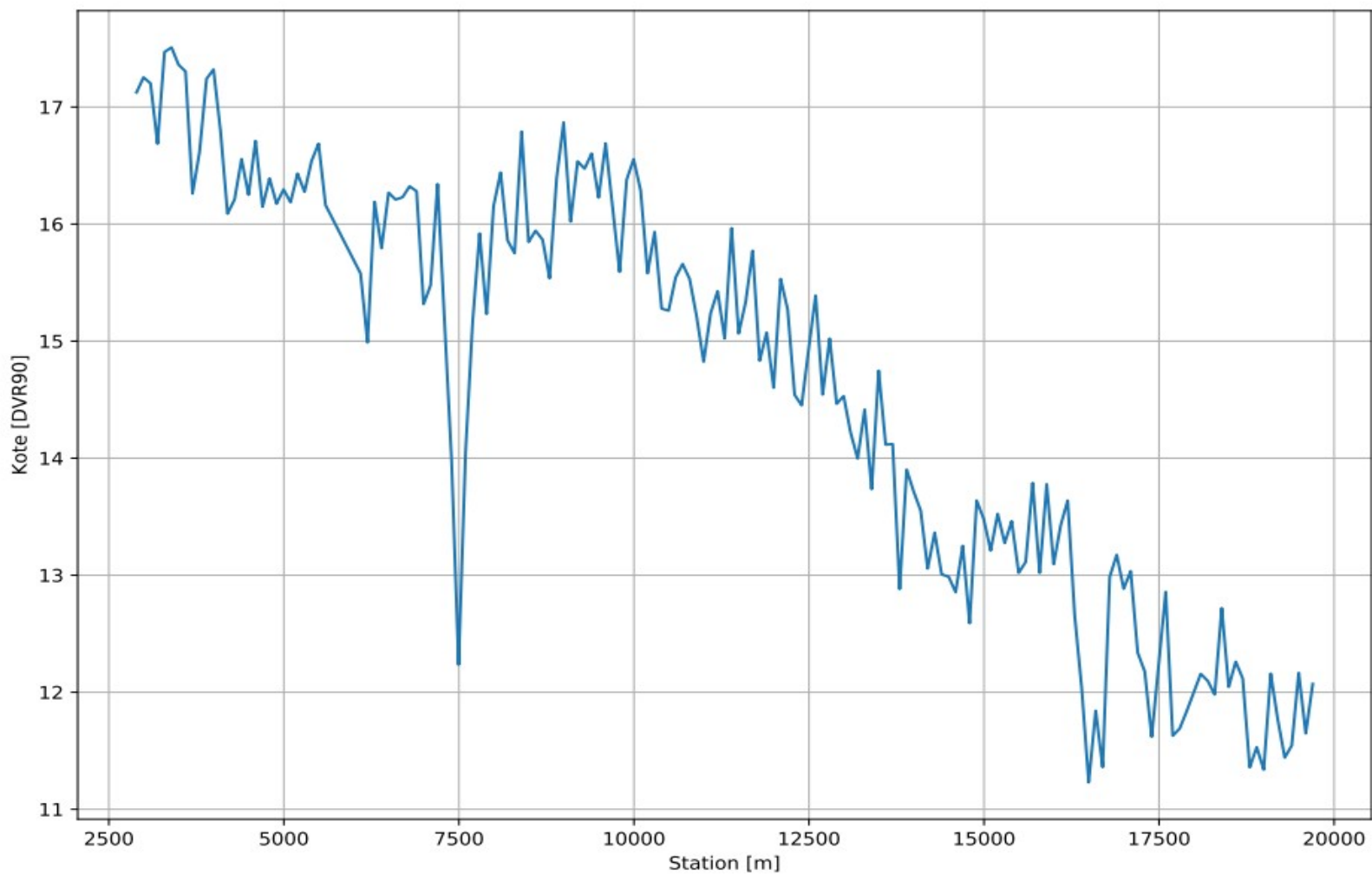
Software visning bundhårdhed

The screenshot displays the C-MAP Genesis Trip Viewer interface. The main window is divided into two primary sections:

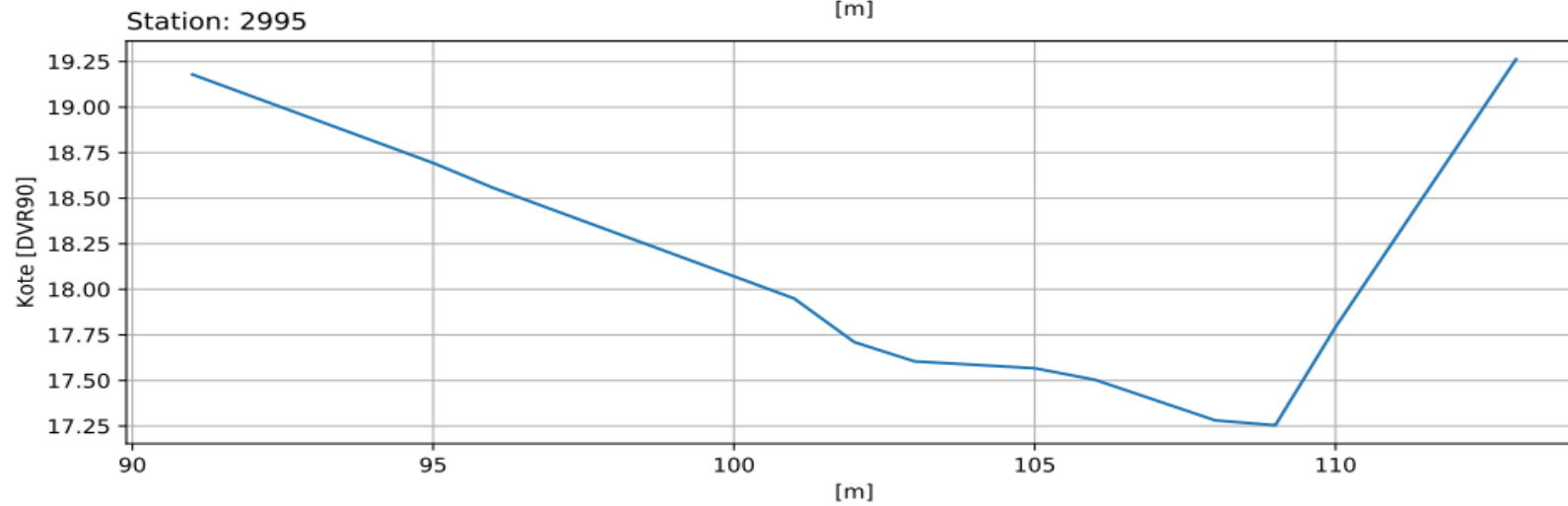
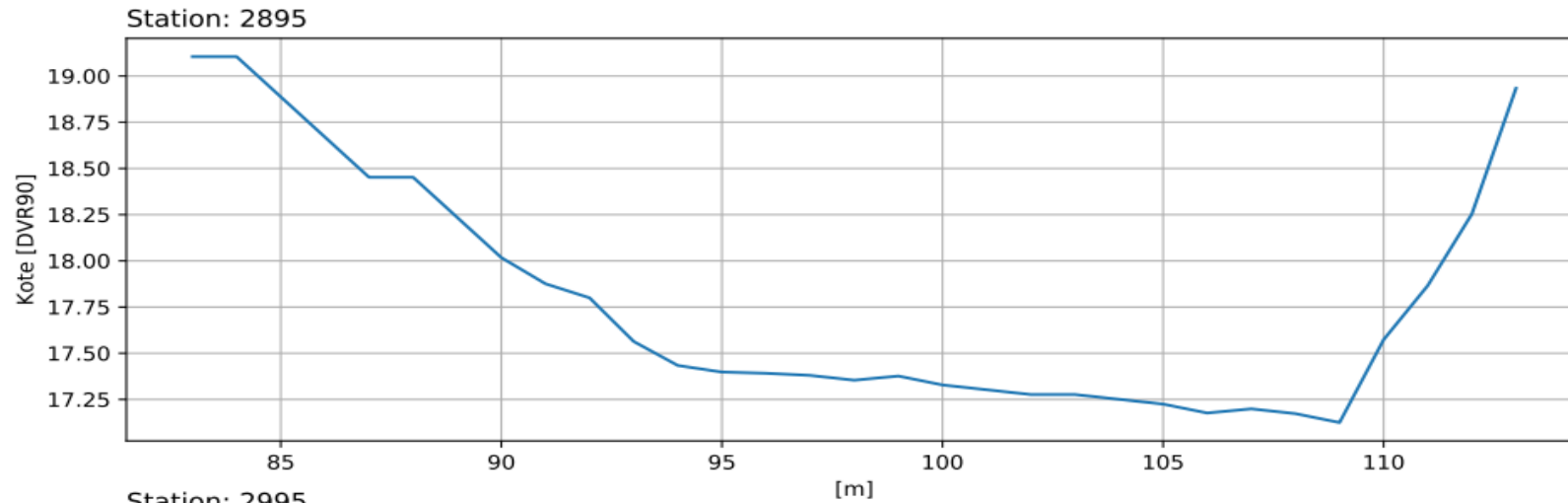
- Left Panel (Map View):** Shows an aerial satellite view of a body of water. A red track line indicates the sonar's path. Bathymetric contours are overlaid on the map, with labels 'Gudena' and '1' visible. A vertical color scale on the right side of the map ranges from 'SOFT' (blue) at the bottom to 'HARD' (red) at the top. A small inset map shows the location relative to a 'Road'. Navigation controls include zoom in (+) and zoom out (-) buttons, and a 'Track | Layers | Clear' menu.
- Right Panel (Sonar Data View):** Displays two vertical sonar data tracks. The top track is labeled 'Sonar_2019-08-13_...' and '2019-08-13 12:09:23 (UTC)'. The vertical axis represents depth in feet, with markers at 0 ft, -2.4, -4.8, -7.2, -9.6, and -12. The horizontal axis represents frequency, with options for 200 kHz and 455/800 kHz. The data is visualized as a color-coded heatmap where yellow and red indicate harder bottom types and blue indicates softer bottom types.

At the bottom of the window, a status bar shows the coordinates: Lat: 0056.3695880, Lon: 0009.6451240. Below the window is the Windows taskbar with various application icons and a system tray showing the date '02-02-2020' and time '14:26'.

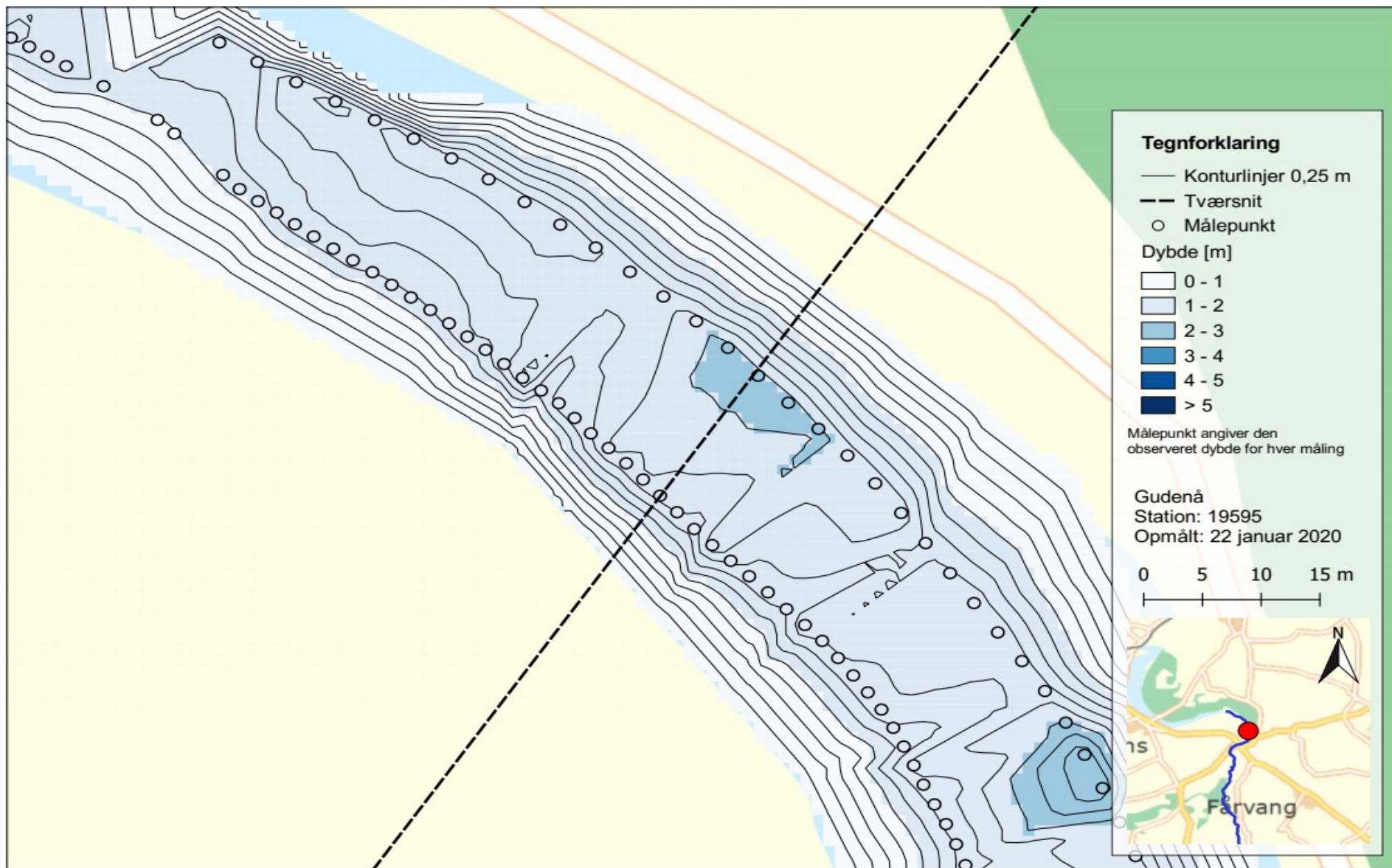
Bearbejdning af længde profiler



Bearbejdning af breddeprofil



Vanddybder med målepunkter



Skærbillede vegetation

ReefMaster - Gudenå 22 01 2020

FILE VIEW EDIT WAYPOINTS LIVE DATA TRACK

Export Track Track Palette Sonar Viewer Correct Depths Show Sidescan

Workspace

- Map Projects
- Sidescan Mosaics
- Tracks


Name	Time
Sonar_2020-01-22_20....	2020-01-22 10:42:01
Sonar_2020-01-22_21....	2020-01-22 11:17:58
Sonar_2020-01-22_22....	2020-01-22 12:37:45
Sonar_2020-01-22_22....	2020-01-22 12:42:26
Sonar_2020-01-22_23....	2020-01-22 13:30:21
Sonar_2020-01-23_00....	2020-01-22 14:22:42

Waypoints

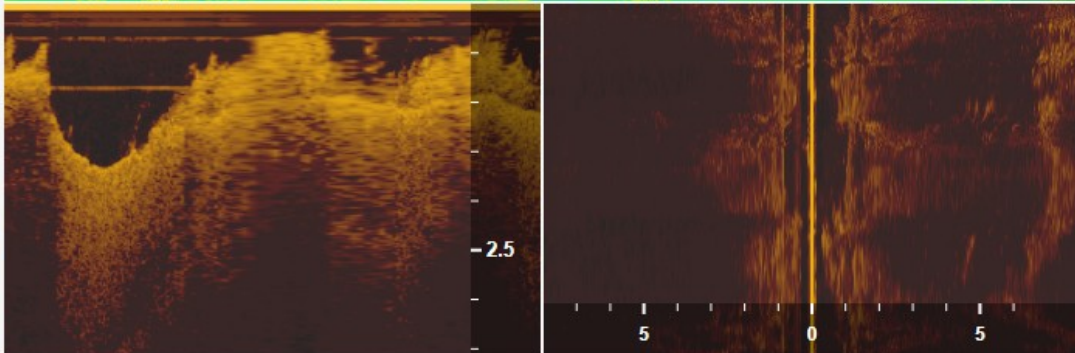
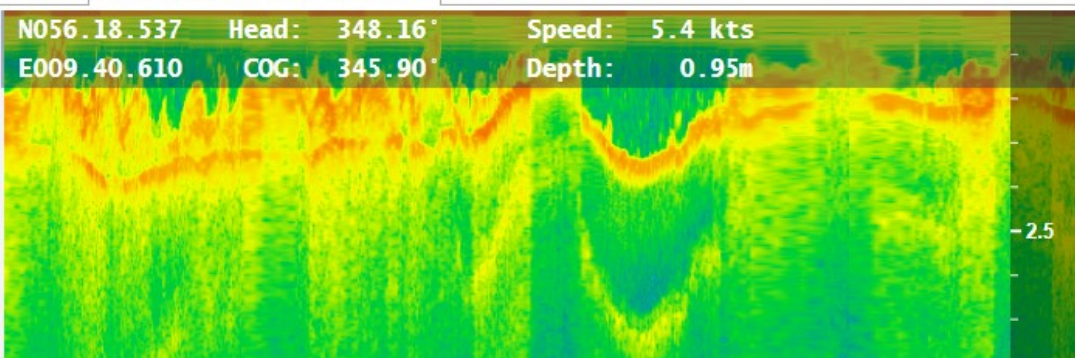
Default Set

Images

Global View Sonar_2020-01-22_22.37.43 x Sonar_2020-01-22_22.42.22 x



N056.18.537 Head: 348.16° Speed: 5.4 kts
E009.40.610 COG: 345.90° Depth: 0.95m



00:09:22 8x

Sonar_2020-01-22_22.42.22 MOUSE: N056.17.631 E009.41.469 3.56m Mouse Tracer: OFF DATA: OFF

14:09 02-02-2020

Software

Reefmaster video

Fremtid

Finde løsninger

- Integration med VASP og Mike11'
- Alternativer opensource findes
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- Udfordringer:
- Oprensning inden for nuværende regulativer
- Klimatilpasning med den nuværende lovgivning
-

Tak for opmærksomheden



Kontakt

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