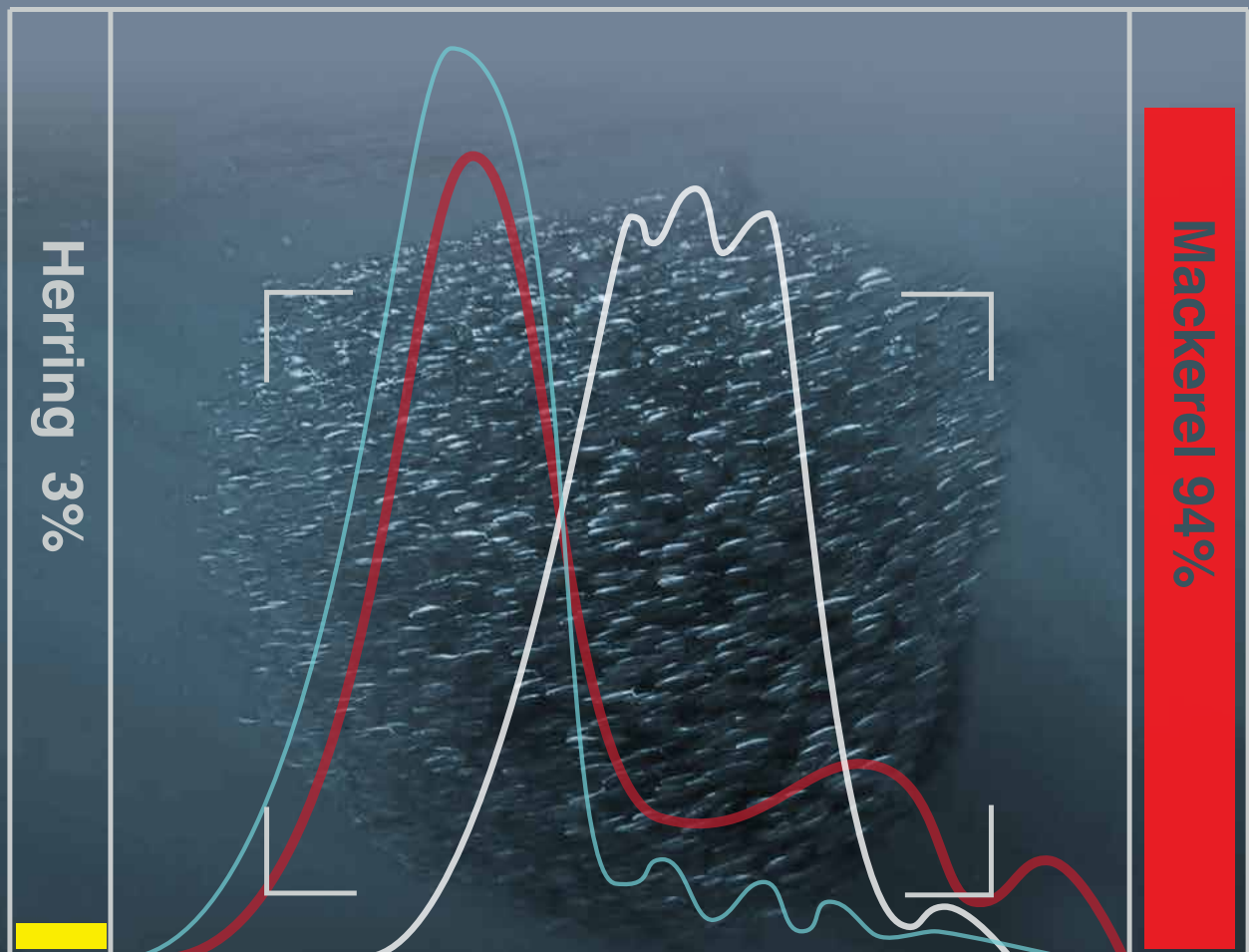


FURUNO

FSS-1BB Echosounder



Broadband CHIRP Echosounder

that can distinguish between

Fish species



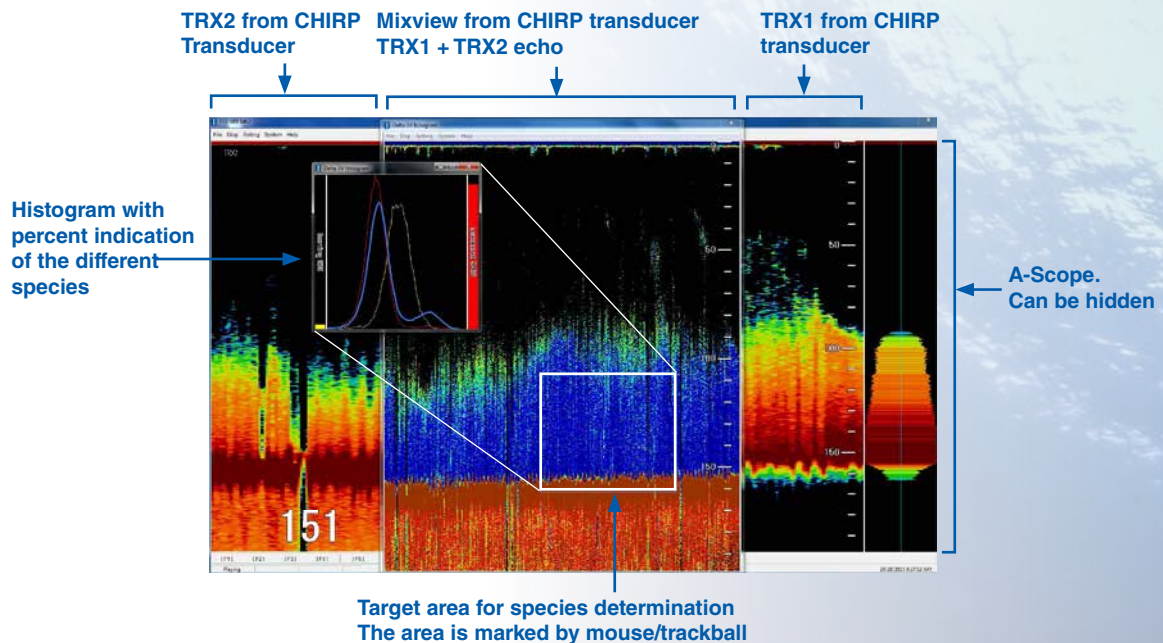
- Advanced 1kW CHIRP echosounder
- Broadband frequency provides a very high resolution
- Echo presentation in high and low frequency
- Frequency combination presentation, with indication of species*
- Reference curves with percent indication of each species
- Functionality for saving species reference data
- Simple operations with mouse or trackball
- Can be connected to existing monitors on board



*) Presently, herring and mackerel can be determined

Picture presentation and Operation

The sounder utilizes compressed pulse/broadband sounding, and displays both high and low-frequency echoes, as well as a unique mixview that uses colors to present the distribution of species. The operator can with a quick glance at the screen, easily get an overview and can, furthermore, choose to mark an area with mouse/trackball for further analysis.



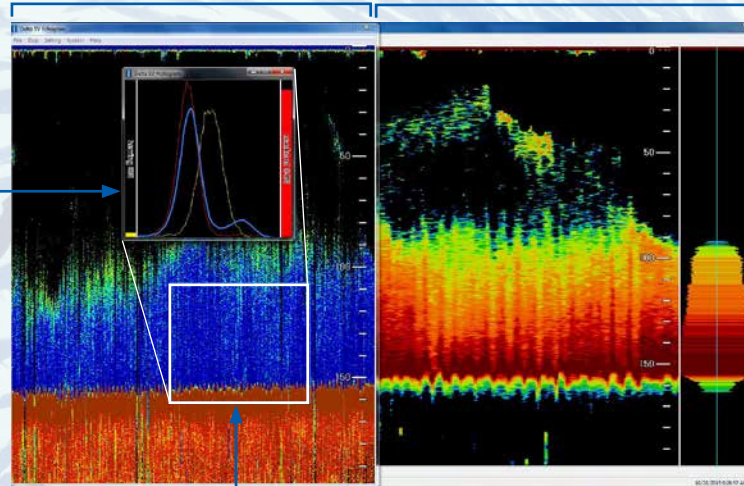
Mackerel near the bottom

Mackerel near the bottom can be hard to identify - FSS-1BB makes this very simple utilizing color presentations. The operator can with the mouse or trackball mark an area and get a detailed analysis of the area, which will be presented in a pop-up window, where the distribution is visualized in graphs.

Mixview from CHIRP transducer TRX1 + TRX2 echo
The blue color indicates that the school comprises mackerel

TRX1 from the CHIRP transducer

Target area
comprises 94%
mackerel!

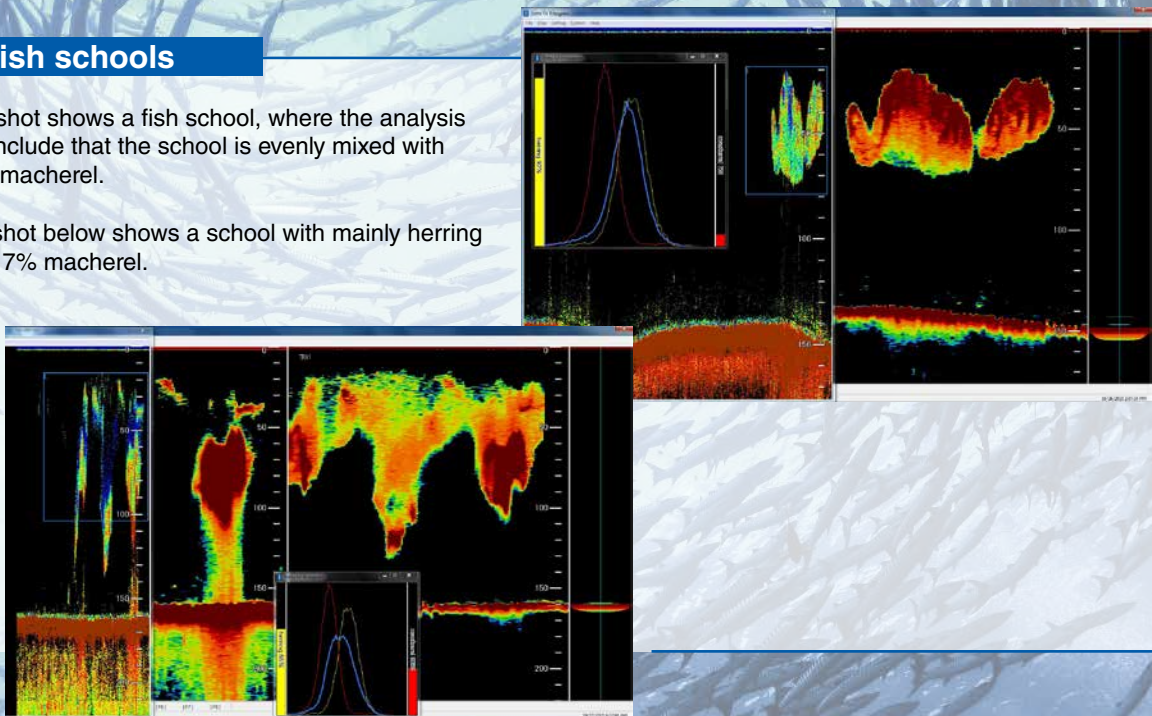


Target area for determination of species

Mixed fish schools

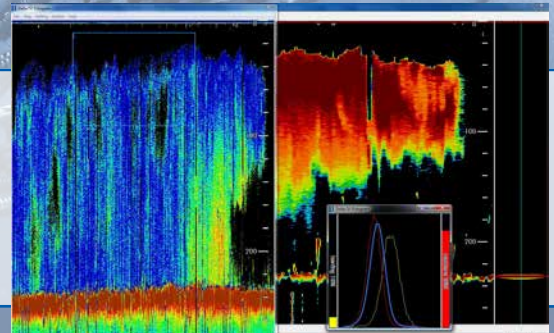
This screenshot shows a fish school, where the analysis tools will conclude that the school is evenly mixed with herring and mackerel.

The screenshot below shows a school with mainly herring and approx. 7% mackerel.



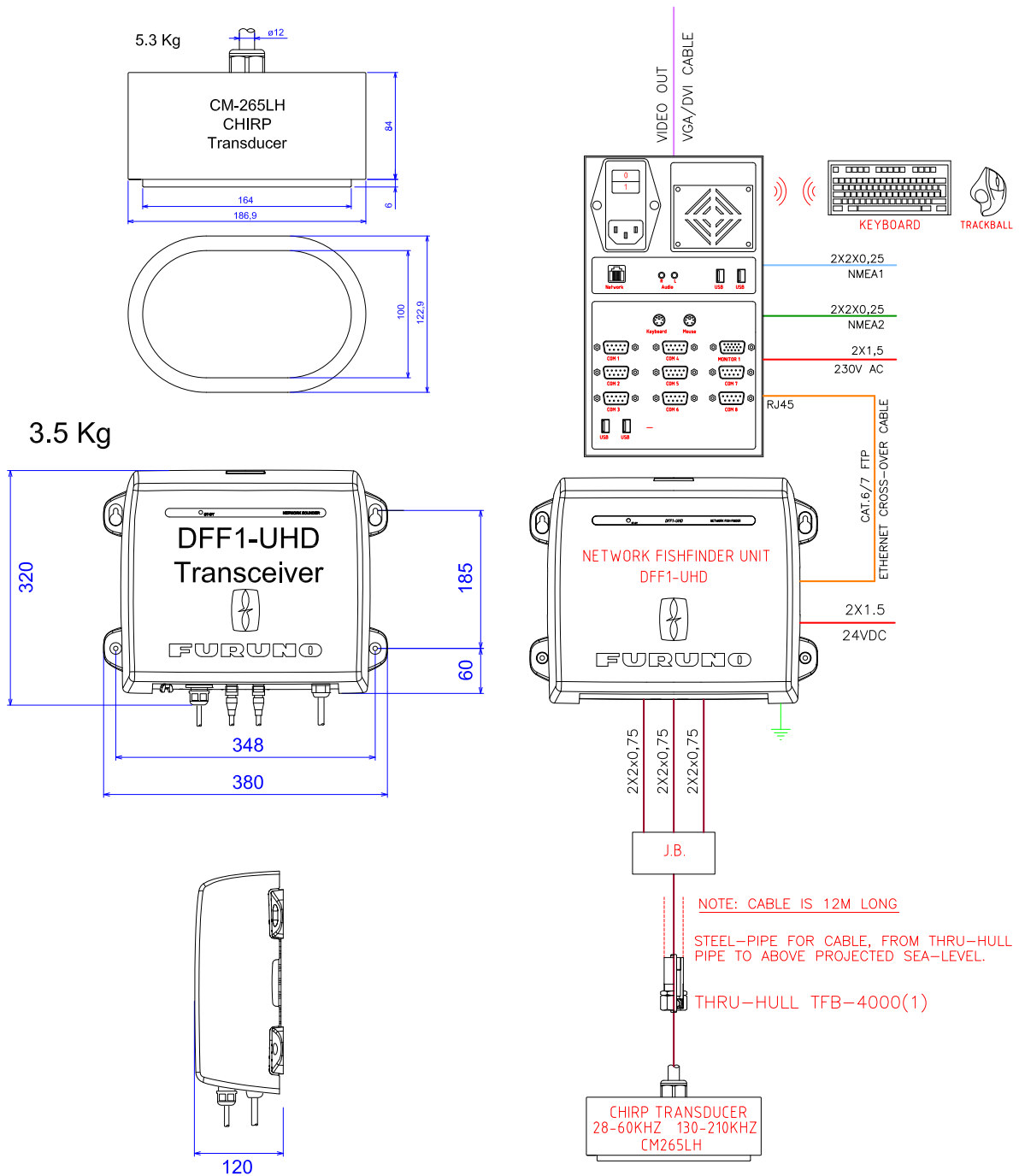
Mackerel school with small fish

This screenshot shows a mackerel school with smaller fish on the backside. The Echogram shows shades in the blue mackerel color. This is quite normal variations that apply as a result of the mackerels movement in the water. This was confirmed when the school was caught and proven to comprise solely of mackerel.



Technical drawings

(Note: Transducer and PC are not included in the standard FSS-1BB package)



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From our offices we employ an extensive sales and distribution network with more than 40 local retailers. FDK has subsidiaries in Sweden, Poland and Russia, and affiliated distributors and service centers in most of Eastern Europe and the North Atlantic.



FURUNO DANMARK A/S

Hammerholmen 44-48, 2650 Hvidovre, Denmark
 Phone: (+45) 36 77 45 00
 E-mail: furuno@furuno.dk

Esbjerg Branch Office

H. E. Bluhmesvej 77, 6700 Esbjerg
 Phone: (+45) 75 13 22 66
 E-mail: esbjerg@furuno.dk

Skagen Branch Office

Værftsvvej 4, 9990 Skagen
 Phone: (+45) 98 44 16 54
 E-mail: skagen@furuno.dk