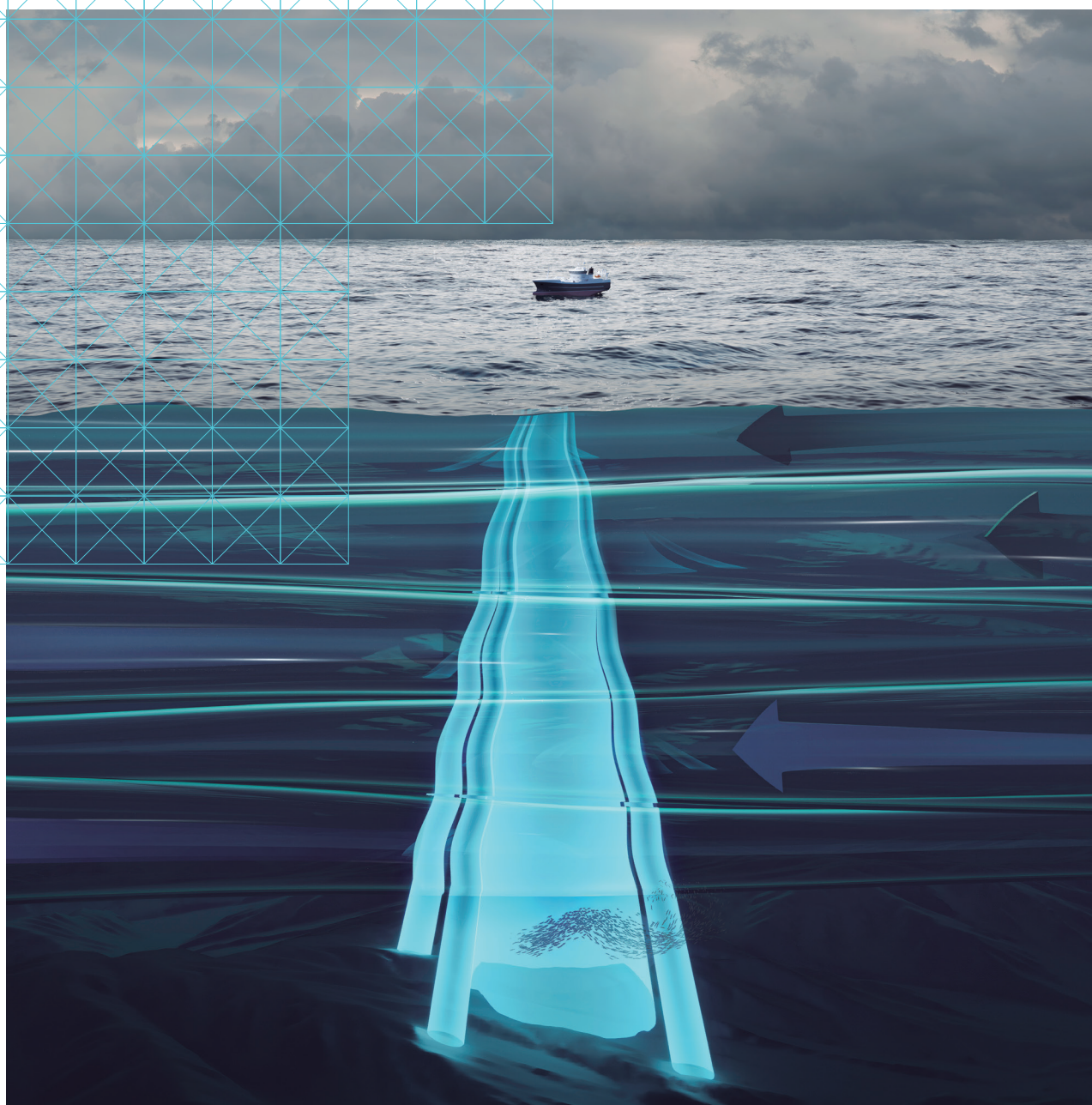




KONGSBERG

SIMRAD CP60

Technology for sustainable fisheries



SIMRAD CP60

Simrad CP60 – Current profiler

Five layers of perfection

The CP60 is a cost-effective system, especially if you have already an ES80 onboard. You can then use the same computer and monitor already installed with the ES80. It can then be integrated into the ES80 with its own “tab” and pop-up window.

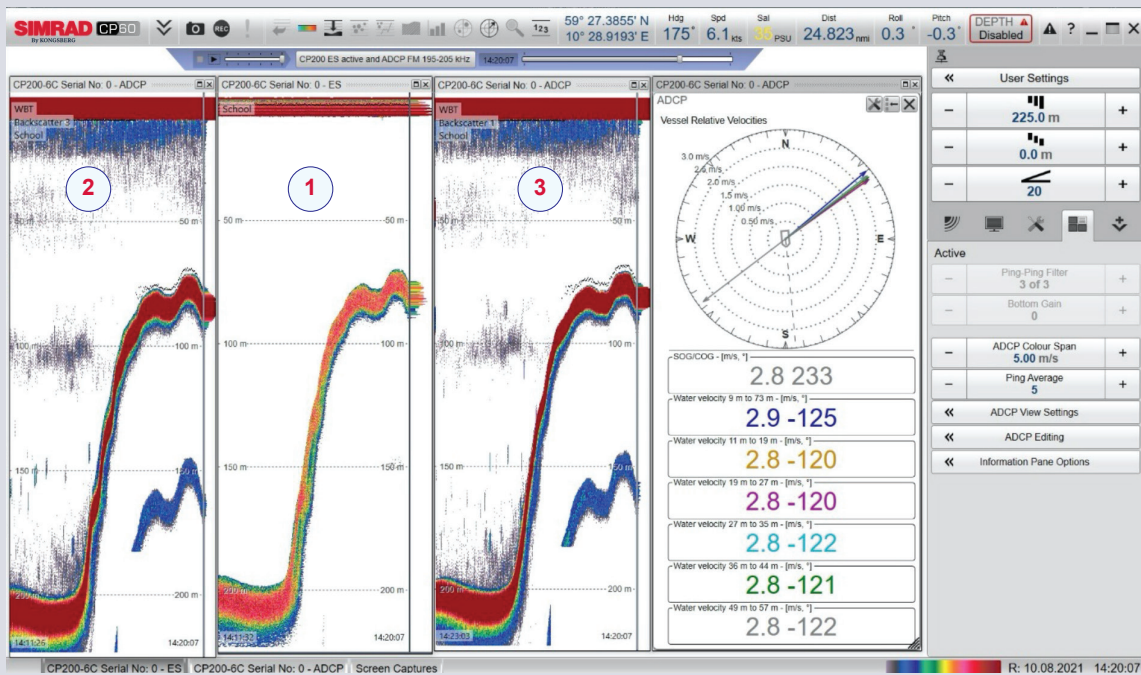
When purchased as a stand-alone system, a computer and a monitor are needed in addition to the transceiver and transducer.

The CP60 can measure up to 5 layers of current individually set by the user. The transducer is 200 kHz which gives a range that is deep enough for most purse seines. The measurements provided are the speed of the current and NSW direction. A backscatter display for each channel is also present.

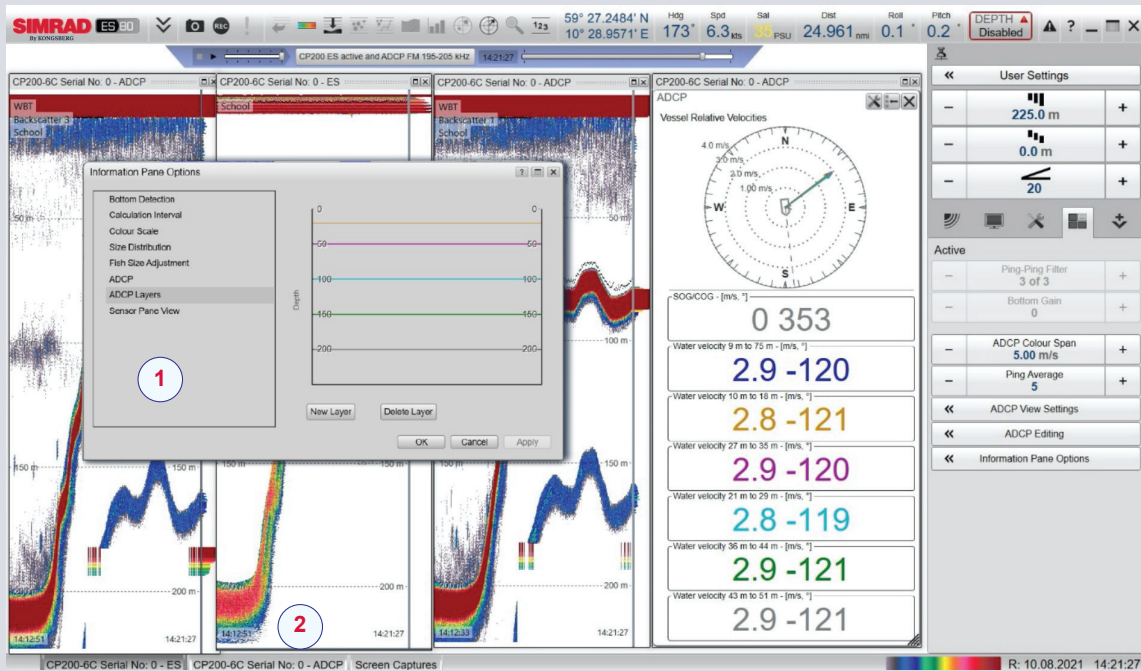
The current data can be exported to other equipment and it is especially designed for exporting to a Simrad sonar, but having a standard NMEA current telegram, other products can also be interfaced.

In addition to the current measurements, the CP60 also has a built-in single beam echosounder. The beam has an opening angle of 27° making it ideal for fish detection high up in the water column, i.e. before setting the purse seine or in similar scenarios.





The CP60 has one additional internal transducer pointing straight down. This transducer has a 27° opening angle (1). Then it can also use two beams from the current measurement as an echosounder (2 and 3). These beams point 60° to each side, and 15° forward. Both of these beams have a 5° opening angle. A very useful function to see at what side the school is. The current measurements can be seen on the right of the picture in a numeric view and a PPI view with arrows. Furthermore, you will also get SOG (Speed Over Ground) and COG (Course Over Ground).

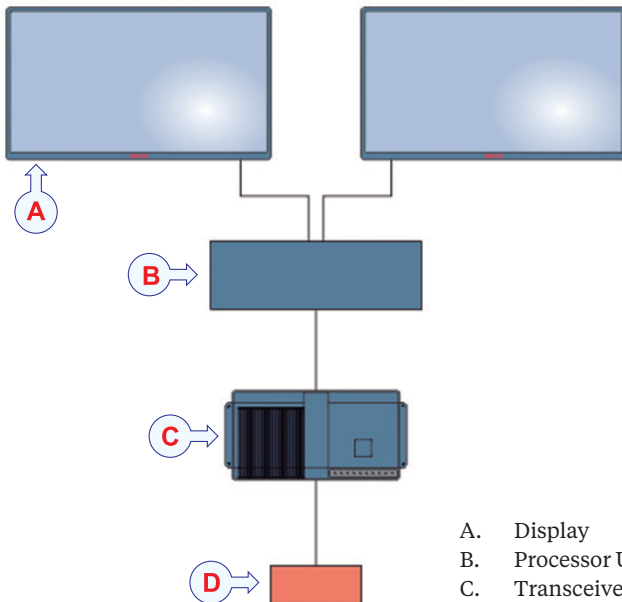


The CP60 can measure current speed and direction in up to 5 layers in the water column. The depth of the layers can be easily set by the user as well as the number of layers (between 1-5) (1). When used together with an ES80 echosounder (as in the picture above), the current profiling will show as a tab where the user normally can select between frequencies/transducers (2).



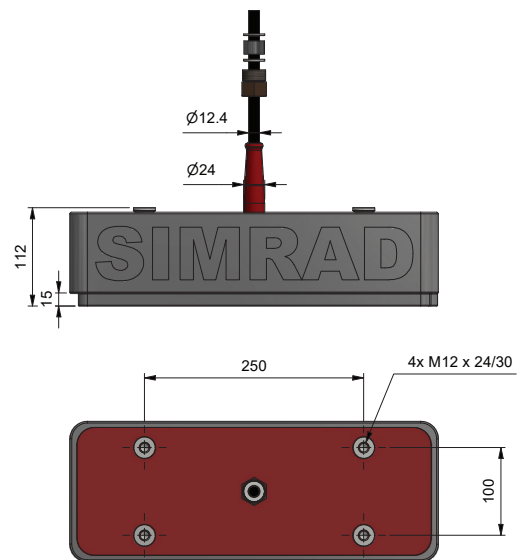
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CP60 TECHNICAL SPECIFICATION		
Display		Simrad 24" or 27" monitor or any PC monitor
Menu Language		English, Spanish, French, Chinese, Bangladesh, Vietnamese, Danish, German, Greek, Icelandic, Italian, Japanese, Korean, Norwegian, Polish, Russian, Swedish, Turkish, Chinese (Traditional), Chinese (Simplified)
Current profiler	Beam angle	5°
	Frequency	200 kHz
	No. of beams	3
	Beam tilt	15°
	Pulse type	CW or FM
	Range	200 m depending on the acoustic environment
	Output	NMEA CUR telegram
	Interfaces	Position, Attitude and Heading
	Internal sensor	Temperature
	Cable length	20 m open ended
Echosounder	Beam angle	27°
	Frequency	200 kHz
	No. of beams	1 single beam
Power supply	VAC	110/230
	VDC	12 V (computer and monitor must also be 24 VDC)



- A. Display
- B. Processor Unit
- C. Transceiver
- D. Transducer

Transducer outline dimensions



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