

## Specification

### 1. Display

High-resolution, 24-inch CRT  
1800(H) x 1200(V) pixels

### 2. Presentation Modes

Combination of 270 degree-circle and vertical scan/  
echo sounder/ historical presentation

### 3. Orientation

Head-up, North-up and True Motion

### 4. Frequency

30 kHz

### 5. Range Scales

0 - 250 m, 0 - 500 m, 0 - 1000 m, 0 - 2000 m, 0 - 4000 m, 0-8000m

### 6. Pulse Length

1 to 100 ms (depending on range scales)

### 7. Tilt (electronically)

-5° to 60° (downward)

### 8. Audio

270 degrees  
Audio Output: 5 W, Frequency: 1 kHz

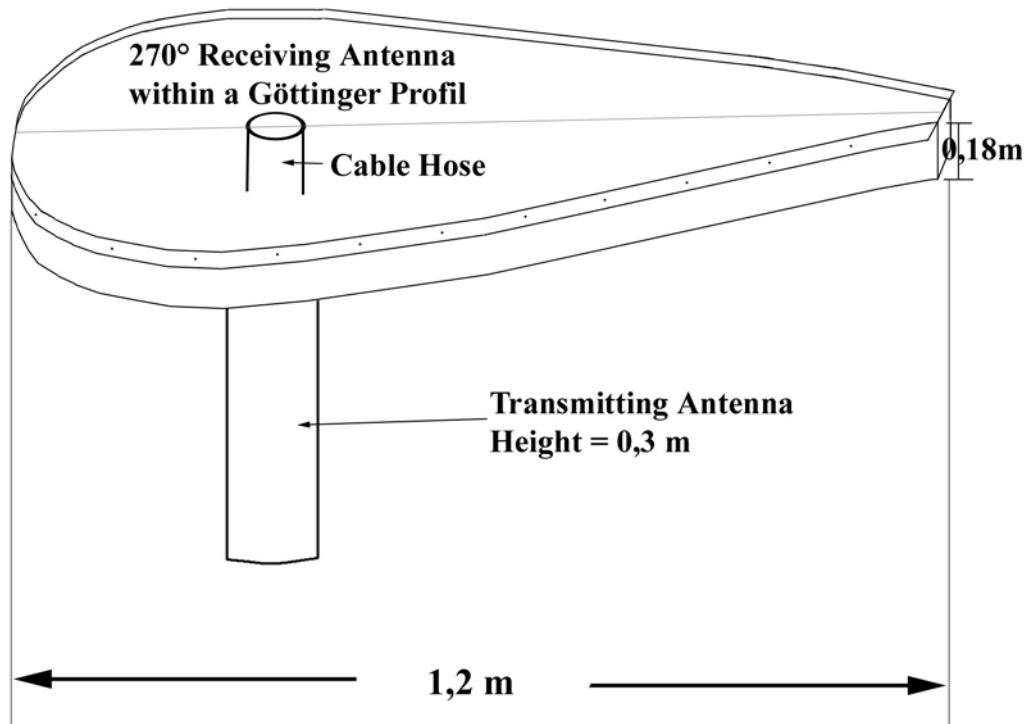
### 9. Transducer array

High performance multi-element PZT-4 ceramics

Number of sound beams	24 PFB*
Horizontal beamwidth	4°
Number of sound beams vertical	12 PFB*
Vertical beamwidth	8°
Acoustic source level	<220 dB (re 1μPa,1m) adjustable

\* Preformed Beams

The antenna system of the Fishing Sonar FS 2000



The antenna system can be attached to the outside hull  
of the fishing vessel, facing downward.