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# Operator parameters

#IOP datagram version: 0

This is the description of the Operators parameters settings in the K-Controller.  
The free text in *runtime\_txt*, lists the current parameter settings.  
The text will reflect the settings in the runtime menus.

## Example of text in #IOP:

### Sector Coverage

Max Angle (deg): Port 75.000  
Max Angle (deg): Starboard 75.000  
Max Coverage (m): Port 500.000  
Max Coverage (m): Starboard 500.000  
Angular Coverage Mode: AUTO  
Sector Mode: NORMAL  
Beam Spacing: HD EQUIDISTANCE  
RX in use: RX\_1 ONLY

### Depth Settings

Forced Depth (m): 0.000  
Min. Depth (m): 1.000  
Max. Depth (m): 150.000  
Ping Mode: 300kHz  
Pulse Mode: AUTO  
FM disable: OFF  
Detector Mode: NORMAL

### Transmit Control

Pitch stabilization: ON  
Along Direction (deg): 0.000  
Yaw Stabilisation Mode: OFF  
Yaw Stabilisation Heading: 0.000  
Yaw Stabilisation Heading Filter: MEDIUM  
Max. Ping Freq. (Hz): 50.000  
External Trigger: OFF  
3D Scanning Enable: OFF

### Sound Speed at Transducer

Sound Speed Manual (m/s): 1500.000  
Temperature Manual (C): 0.000  
Sound Speed Source: PROFILE

### Absorption Coefficient

200.0 kHz 70.000  
250.0 kHz 85.000  
300.0 kHz 90.000

350.0 kHz 100.000  
400.0 kHz 110.000

#### Filtering

Spike Filter Strength: MEDIUM  
Range Gate: NORMAL  
Phase ramp: NORMAL  
Penetration Filter Strength: OFF  
Special TVG: OFF  
Slope: ON  
Aeration: OFF  
Sector Tracking: OFF  
Interference: OFF  
Special amp detection: OFF

#### Backscatter Adjustment

Normal Incidence corr. (deg): 10.000  
Use Lambert's law: OFF

TX Power Level: Max.

#### Special Mode

Sonar: OFF

#### Scope Display

Beam no. (Display): 0  
Swath no.: 0