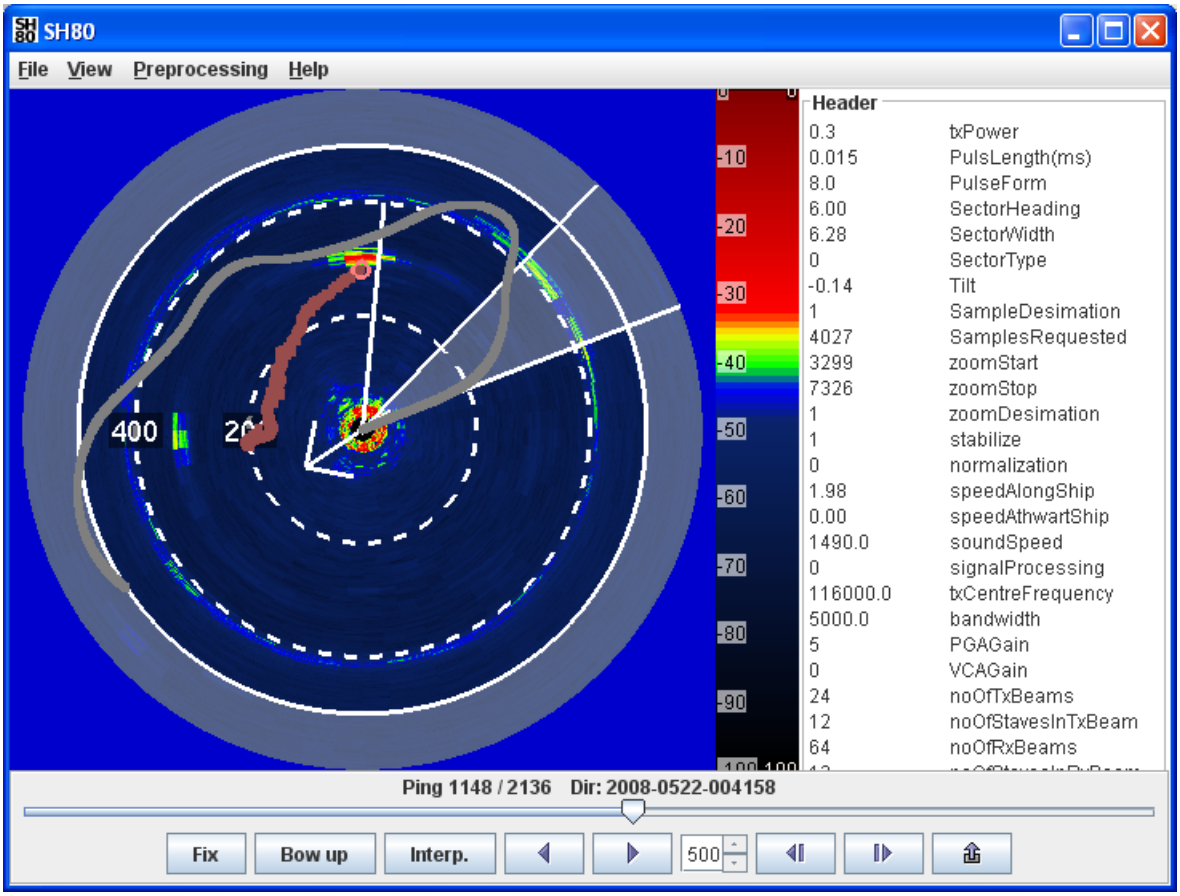


PROFOS-Korona

User Guide

Version 2.5.0

January 22, 2019

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PROFOS

The PROFOS plugin to the Korona realtime processing system.

Modules

Beam mode filter
Pencil converter

Beam mode filter module

This module filters omni or vertical pings for data with RAW1 datagrams.

This module can for example be used to keep vertical pings and remove omni pings.

Parameters

- **`Active`**: If the module is not active then all datagrams pass unaltered through it.
- **`Type to keep`**: Which pings to keep, VERTICAL or OMNI.



Pencil converter module

This module converts beams in RAW2 datagrams to "ordinary" echosounder data.

Parameters

- **`Active`**: If the module is not active then all datagrams pass unaltered through it.
- **`Angles`**: If selected then angles are computed.
- **`AngleSensitivityAlongship`**: Used if AngleSensitivityAlongship in the PCO0 datagram is 0.
- **`AngleSensitivityAthwartship`**: Used if AngleSensitivityAthwartship in the PCO0 datagram is 0.
- **`Pencil`**: Converts pencil/inspection beams.
- **`Horizontal`**: Converts horizontal beams.
- **`Vertical`**: Converts vertical beams.