

You are here: [MIP API](#) > [Commands](#) > [Filter \(0x0D\)](#) > Aiding Measurement Control (0x0D,0x50)

Aiding Measurement Control (0x0D,0x50)

| | | | | |
|------------------------|---|--|-------|--------------------------------------|
| Description | Enables / disables the specified aiding measurement source. | | | |
| Notes | | | | |
| Parameter Name | Data Type | Description | | |
| Field Length | u8 | 6 | | |
| Descriptor | u8 | 0x50 | | |
| Function Selector | u8 | This command supports the following MIP function selectors: Write Read Save Load Default [WRS LD] | | |
| Aiding Source [WRS LD] | u16 enum | Aiding measurement source | | |
| | | Name | Value | Description |
| | | GNSS_POS_VEL | 0 | GNSS Position and Velocity |
| | | GNSS_HEADING | 1 | GNSS Heading (dual antenna) |
| | | ALTIMETER | 2 | Pressure altimeter (built-in sensor) |
| | | SPEED | 3 | Speed sensor / Odometer |
| | | MAGNETOMETER | 4 | Magnetometer (built-in sensor) |
| | | EXTERNAL_HEADING | 5 | External heading input |
| | | EXTERNAL_ALTIMETER | 6 | External pressure altimeter input |
| | | EXTERNAL_MAGNETOMETER | 7 | External magnetomer input |
| | | BODY_FRAME_VEL | 8 | External body frame velocity input |
| | | ALL | 65535 | Save/load/reset all options |
| Enable [W] | bool | Controls the aiding source | | |
| Ack/Nack Reply | See standard MIP ack/nack reply format. | | | |
| Response Data | Data Type | Description | | |
| Response Length | u8 | 5 | | |
| Response Descriptor | u8 | 0xD0 | | |

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|---------------|----------------------|-----------------------------|-------|--------------------------------------|
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| | | GNSS_HEADING | 1 | GNSS Heading (dual antenna) |
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| | | BODY_FRAME_VEL | 8 | External body frame velocity input |
| ALL | 65535 | Save/load/reset all options | | |
| Enable | bool | Controls the aiding source | | |