

Data Signals

S_DEPTH_RAW	The raw depth used by the depth subclass. This is set either by a received depth message or by a pressure message that has been run through our pressure to depth algorithm.
S_DEPTH_TIME	The time received by a signal that will be used to calculate depth. This is set by either a received depth or pressure message.
S_DEPTH_OK	Set on reception of a depth type.
S_PRESSURE_OK	Set on reception of a pressure type. Note if S_DEPTH_OK is set to true openINS will not allow pressure messages to be received, preventing this signal from going true. In this condition an error message will be output.
S_PRESS_BIAS	Calculated pressure bias associated. This value is calculated when openINS is commanded to perform a depth calibration.
S_DEPTH_DEPTH_WBIAS	Depth after pressure or depth bias is removed. This value derives from either a pressure message or a depth message.

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