



PITCHER Driver for Sharing Vehicle Positions

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The Pitcher driver is a single driver that, in the past, was used in conjunction with a Catcher driver. In the current implementation, they are combined in the Pitcher driver. It is a quite simple method of sharing positions from one version of HYPACK® to another.

To be a PITCHER:

1. In the HARDWARE program, **add the pitcher driver once**. It is not required for each mobile because it allows you to send up to 10 vehicles at one time.
2. **Uncheck the Position, Heading and Depth options.**
3. **Check the 'Generate Output Messages' option.** (You are a sender.)
4. **In the Setup Dialog:**
 - a. **Choose the vessels** that you want to send.
 - b. **Set the vessel ID** (the unique number used by the catcher to find the data). This is the number that will precede the string of data.

Note: You cannot test the data in the HARDWARE program. You **MUST** be in the SURVEY program because the HARDWARE program does not have a position.

To be a CATCHER :

1. In the HARDWARE program, **add the PITCHER driver to as many mobiles as there are vehicles to be tracked**. Each mobile needs a separate instance of the driver.
2. **Uncheck the 'Generate Output Messages' option.**
3. **Check the Position, Heading and Depth options.**
4. **In the Setup Dialog, choose the ID that you are looking for in the CATCHER ID box.**

Note: You can test the catcher function in the HARDWARE program because you are testing an incoming stream of data.

If you wish to both pitch and catch a position to another vessel, skip step two of each of the above sets of directions.