VEHICLE CONFIGURATION FOR JOIDES RESOLUTION



1. Click on Config in Vehicle window (lower left corner).

2. Select Size.



3. A WinFrog Vehicle Outline Window will appear. Use the values on the "WinFrog Ship Configuration" diagram posted on the bulletin board in the lab (same diagram appears below). You can also load the values from a previously saved ".veh" file (e.g. on WinFrog1 in C:\leg195\.dat\joides.veh or on the Server duke\amst\tech\underway\joides.veh).



Winfrog Ship Configuration

Width of Bow = 0.5m Width of Stern = 21.34m

Origin to Bow = 68.28m Origin to Stern = 74.98m Origin to Bow Curve = 45.52m Origin to Starboard Side = 10.67m Origin to Port Side = 10.67m

Moonpool Width = 5.0m Moonpool Fwd/Aft = 0.0m Moonpool Port/Stbd = 0.0m

Vehicle Outlin	e	? ×
Width Of Bow 0.50m	Entry Ship	ОК
Stern 21.34m	C Outline	Cancel
Bow	68.28m	
Stern	74.99m	Help
Bow Curve	45.52m	
Starbd Side	10.67m	
Port Side	10.67m	
- Moonpool		
🔽 Used Size	5.00m	
Fore/Aft	0.00m	
Port/Stbd	0.00m	
Vessel size fro	m/to file	
Load	Save	

ANTENNA OFFSETS

Before installing Antenna offsets, you will first have to install the GPS Device. That done, click on Position in Vehicle window (lower left corner).



1. Highlight GPS and select Edit.

Configure Vehicle Calculations	? ×
Position ● L/L ▶1318.0096 ● Grid ▶135.06.0134 ● Grid Elev Copy 0.00m □ Update	Kalman Filter
Data Source C Simulated C Real-Time Network C File T relementy C Pipe Track C Ctrld Remote	Velocity Filter
Calculations Heading Streamer	Range Gate ▼ Off 100.00m ▼ ▶
Devices GPS,NMEAGPS1,POSITION GYRO,Lehmkuhi LR40,HEADIN OUTPUT,EPC9802-35,DATA OUTPUT,EPC9802-12.0,DATA	
	Delete
OK Cancel	Help

3. The Configure Position Window will appear. Use the GPS antenna offset values on the "WinFrog Ship Configuration" diagram posted on the bulletin board in the lab (same diagram appears below).



Winfrog Ship Configuration



Configure Po	sition 🔹 👔	<
Calculation Primary C Second	Use for Heading Calculations	
Graphics Off On	C On Accuracy Code	
Offsets Fore/Aft -46.33m	Port/Stbd Height -3.05m 0.00m	
OK	Cancel Help	