

## Vessel Information Form – Activity Handout

Complete the Vessel Information form using the following information:

You board the Liberian shrimp trawler Avatar 27 on April 7, 2011. The Registration number is A777-54X39. Its home port is Monrovia. The vessel length is 105 feet and has a 10 m beam and 3 m draft. The 125 GRT, steel vessel was built in 1985 and has a single prop with 3 blades. Pitch and diameter are unknown. The vessel does not have a kort nozzle or bow thruster. There are no IMO, MMSI or Global registry numbers. The IRCS is 5LC-323.

The owner, Nan Smiley, also holds the permit (#Z23-G56, expiring Dec 31 2011). His address is Monrovia, Liberia.

The main engine is a Blaster, model B888, 1000 Kw and 2000 RPM. The generator is an Onan, 10 Kw. The transmission is an Hale, REB1018-012 with an unknown gear ratio. The vessel also has 2 hydraulic H12 Pullmaster winches on the deck for hoisting the nets on board. The max load is 12,000 lbs.

The vessel can hold 1000 gallons of water and 10,000 gallons of fuel. They burn 400 gallons per day.  
Hint: 1 gallon = 0.003785 cubic meter; 1 m<sup>3</sup> = 1000 liters = 264.2 gallons

The vessel uses its GPS, Radar & Sonar continuously. They have a Samyung (SGP-500) GPS with 5m accuracy. The radar is a Furuno 1832 which has a 4 kilowatt transmitter unit. The sonar is a Simrad ES60 single (85 kw).

The vessel has 3 VHF radios & 1 SSB. There is no satellite, fax or email.

The vessel freezes their catch and can process 10 tons/day. The capacity of the main freezer hold is 900 cubic meters.

The vessel disposes of all garbage overboard.

The vessel has no extra trawl sensors.



## Vessel Information

### General Vessel Characteristics

Vessel name		Country Registration No.		Flag	Home port (city, country)				
Previous vessel names			Previous flag		Length overall (LOA; m) _____				
					Draft (m)	Beam (m)			
IMO No.		Int'l radio call sign (IRCS)			Hull material (circle): Wood / Steel / Fiberglass / Other _____				
MMSI No.		Global Registry ID:							
Permit/license No.		Permit expiration (dd-mm-yy):		Tonnage: GT / NT / GRT / NRT					
Owner Name/address			Permit holder name/address			Year built: _____			
						No. propellers: _____		No. blades: _____	
						Propeller pitch: _____		Diameter (m): _____	
						Ducted propeller? Y / N		Bow thruster present? Y / N	
	<b>Manufacturer</b>		<b>Model</b>						
Engine (main)			Kw:	RPM:					
Engine (auxiliary)			Kw:	RPM:					
Generator			Power (Kw)						
Transmission (gear box)			Ratio						
Winches (on deck)			Type: Electric / Hydraulic / Other _____						
	How many?	Max hoisting weight							
Other:									
Other:									
Water capacity (m3):			Fuel capacity: _____ m3 / tonnes		Fuel consumptions (tonnes/day):				

### Electronics

	Present?	Usage	Manufacturer	Model	Additional Information
GPS	Y / N				Accuracy (m)
VMS	Y / N				GPS: Internal / external
Radar	Y / N				KHz:
Sonar	Y / N				KHz:
Sonar	Y / N				KHz:
ADCP (current profiler)	Y / N				KHz:
Radio beacon direction finder	Y / N				
Radio buoys / beacons	Y / N				How many? Frequency:
GPS buoys	Y / N				How many?
SST gauge	Y / N				
XBT (Bathythermograph)	Y / N				
Other:	Y / N				
Other:	Y / N				
Other:	Y / N				
Other:	Y / N				

### Usage Codes

- |   |                            |
|---|----------------------------|
| 1 Used continuously during fishing          | 5 Rarely used              |
| 2 Used often during fishing                 | 6 Used only during transit |
| 3 Used sometimes during fishing             | 7 No longer used           |
| 4 Broken during this trip but used normally | 8 Unknown                  |

<b>Communications</b>	Satellite	Y / N	Phone No:	Provider:		
	Fax	Y / N	Fax No:	Email	Y / N	Email:
	VHF	Y / N	#:	GMDSS	Y / N	
	SSB	Y / N	#:	AIS	Y / N	Class (A/B):
<b>Other Information</b>	Weather fax	Y / N	Other:	Y / N		
	Other:	Y / N	Other:	Y / N		

### Refrigeration

Blast freeze?	Y / N	Capacity (t/day):	Gas:	RSW?	Y / N	Capacity:
Plate freeze?	Y / N	Capacity (t/day):	Gas:	Ice	Y / N	Capacity:
Freezer hold?	Y / N	Capacity (m3):	Gas:	Brine?	Y / N	Capacity:
			Other:	Y / N	Capacity:	

### Waste Mangement (check all that apply & note types of materials for each)

<input type="checkbox"/>	Incinerator:	<input type="checkbox"/>	Dispose on shore:
<input type="checkbox"/>	Burned on board:	<input type="checkbox"/>	Throw overboard:

### Purse Seine

	Present?	Usage	Comments			
Ring stripper?	Y / N					
Speedboats	Y / N		How many?	Engine power (hp):		
Raft	Y / N					
Bird radar	Y / N					
Net mensuration	Y / N		Make / Model			
Diver / dive equipment	Y / N		Used to rescue dolphins?			
High-intensity floodlight	Y / N		Operable? Y / N			
		<b>Manufacturer</b>	<b>Model</b>	<b>Registration</b>	<b>Range (km)</b>	
Spotter aircraft: plane / helicopter / none						

### Trawl

Sensors	Present?	Usage	Manufacturer	Model	Comments
Bottom contact	Y / N				
Catch	Y / N				
Net sensors	Y / N				Wired / wireless
Hydrophone	Y / N				Hull mounted / towed
Other:	Y / N				
Other:	Y / N				
Other:	Y / N				

Comments: