



## F/V Arctic Prowler Principal Characteristics

### Owner: Alaska Longline Company

The F/V Arctic Prowler is an Ocean going Factory Longliner, capable of processing and storing catch aboard. The vessel is to be Load Lined and classed by Det Norske Veritas (DNV). Vessel will be US Flagged. The design shall comply with all applicable U.S. Coast Guard and Class Society stability requirements.

The intended area of operation will have a range of operational temperature conditions as follows: Sea Water Range 35 degrees F to 85 degrees F  
Ambient Air Range -20 degrees F to 85 degrees F

<b>Length Molded</b>	136'-0" excluding guards	
<b>Beam, Molded</b>	40'-0" excluding guards	
<b>Hull Depth</b>	16'-6" above rabbet line	max, approx
<b>Design Load Draft</b>	15'-0" above baseline	approx
<b>Lightship</b>	661.35 long tons	approx
<b>Cruising Speed</b>	12 knots	
<b>Diesel Fuel capacity</b>	63,496 gallons approx	@ 95% volume
<b>Freezer Hold capacity</b>	14,655 cubic feet net volume	735,000 lbs.
<b>Potable Water storage</b>	11,200 gallons approx	@ 100% volume
<b>Lube Oil Storage (Upper)</b>	950 gallons approx	@ 95% volume
<b>Lube Oil Storage (Lower)</b>	200 gallons approx	@ 95% volume
<b>Hydraulic Oil – Storage</b>	1,000 gallons approx.	@ 95% volume
<b>Dirty Oil capacity</b>	1,500 gallons approx	@ 95% volume
<b>Sewage Holding Tank</b>	500 gallons approx	@ 100% volume
<b>Engines (2)</b>	MTU 8V4000 M53R	Continuous Rating: 1,000 BHP @ 1600 RPM, Tier 2
<b>Generators</b>	(3) MTU, Series 60	333 kW @ 1800 RPM, 60HZ, 480 VAC, Tier 2
<b>Emergency Generator</b>	(1) Northern Lights	36 kW @ 1800 RPM, air cooled
<b>Accommodations</b>	22 berths in 8 staterooms	
<b>Gross registered tonnage</b>	under 200	US Registered Tonnage
<b>Gross Tonnage</b>	under 1000	International Tonnage