

Preliminary Design of a 32.8m Fishing Vessel



Designed for longlining, groundfish and crab fishing, this 32.8m vessel has an endurance of 30 days for 12 persons. It is equipped with a fresh/frozen hold and two RSW holds and a blast freezer. Designed under BV rules for ice covered water, it can navigate 12 months a year.

Principal Particulars

Length overall	32.8m	107.6ft
Length between perpendiculars	30.0m	98.5pi
Breadth	8.6m	28.2pi
Powering	700kW @ 1940rpm	940hp
Propulsion	Fixed pitch propeller	
Generators	2x150kW	2x200hp
Maximum deadweight.....	150tonnes	148lt
Hold, fresh or frozen	125m ³	4400ft ³
Hold, RSW	2*30m ³	2*1050ft ³
Hold, bait.....	25m ³	2*890ft ³
Blast freezer.....	7t per day	
Fuel	65m ³	17200gals
Fresh water (equipped with watermakers)	5m ³	1325gals
Maximum speed (at 150t deadweight)	12 knots	
Cruising speed.....	11 knots	
Endurance at 10knots.....	30 days	
Accommodation	12 persons	