

RV Dana



Specifications

Name	DANA
Accommodation	38 single cabins (crew occupancies 12-18 cabins)
Call signal	OXHB
Shipyard	Dannebrog, Århus
Built	1980-1981
Length, o.a.	78,43 m
Length, waterline	68,93 m
Moulded beam	14,70 m
Draft	5,70 m (max 6,50 m)
Gross tonnage	2483 t
Net tonnage	669 t
Speed, maximum	15,5 kn.
Speed, crusing	12,5 kn.
Operating range	14.000 nautical miles
Fuel oil capacity	557 m3
Freshwater capacity	93 m3
	In addition, freshwater generator for producing freshwater from seawater
Ballast water capacity	450 m3
Main engines	Two B&W Alpha Diesel Type 16V23LU. 2 x 2.320 hp @ 800 rpm
Auxiliary engines	Three Cummings, 12 cyl. 3 x 737 kW @ 1.500 rpm 3 x 380 V, 50 Hz (cps)
Power supply	3 x 220/380 V, 50 Hz (cps)
	Stabilized power supply 10 kW. UPS (+/-2 V) for instruments og IT equipment
Fore og aft thrusters	2 x 425 hp
Classifications	Norwegian Veritas +1.A.1, Ice 1A Deep Sea Fishing Stern Trawler

Research

Class	Global
Used days per year	150
Spare days per year	50
Region	Global
Oceanography*	5000 m
Geology/Geophysics*	4000 m
Fish	2800 m
ADCP	75 kHz, 800 m and 600 kHz, 100 m
Dynamic position	no
Core	no
ROV*	300 m
Piston corer < 25 m*	yes
Giant piston corer > 25 m	no
Gravity corer	yes
2D seismics*	yes
3D seismics	no
Ocean bottom seismometer	no
Video grabs	no
Manned subs	no
Towed vehicles	Side scan sonar, echo sounders, plankton counter, video camera, undulating systems
AUV	no
Laboratory containers	1
Fiber optic cable (m)*	4000 m
Multibeam echosounder	No
Others	Highest ICB class

* Danish equipment pool

Cranes and winches

For

Special crane for towed body

Amidships

1 CTD winch; 1800 m wire cable, 8.2 mm diameter, 7 conductors
 1 hose winch; 100 m hose with integrated power conductors
 1 oceanographic winch; 2,500 m wire, 400 kg
 3 hydraulic booms, extending up to 5 m from the hull

Aft

1 winch for small gear; 800 m wire cable, 8.2 mm diameter, 7 conductors
 1 winch for small gear 800 m wire, 16 mm diameter
 4 auxiliary winches
 2 telescopic handling cranes; max load 3,000 kg up to 12 m extension from the hull a shore—offshore lifting capacity reduced.

Fishing gears

2 30 t trawl winches
 2 25 t net drums
 2 sets of trawl wires—2500 m 20 mm wire & 2800 m 26 mm wire
 A large array of trawl types and trawl-doors for pelagic and bottom fisheries

Electronic systems

Communication

GMDSS (Global Maritime Distress and Safety System)

Inmarsat B and C satellite equipment (global telex, fax, e-mail and sat-telephone)

Online satellite in North Atlantic, North Sea and Baltic Sea with 192 kbit/s data and telephone

Survey systems

Scanmar scanbas trawl monitoring system

Ship Information System

Electronic Fish Registration System

Acoustics

Simrad EK60, 18 kHz, 38kHz and 120 kHz

Acoustic Fish, 38 kHz

Laboratories

2 chemical labs

1 14C lab

1 wet fish lab

1 dry fish lab

Last updated