

PACIFIC SURVEY GROUP[®]

RESEARCH & EXPLORATION



OCEAN TITAN

PURPOSE BUILT DP2 MULTI-USE RESEARCH VESSEL
ROV / AUV / SURVEY / CTD / CORING / DIVE

FOR ADDITIONAL INFORMATION CONTACT:

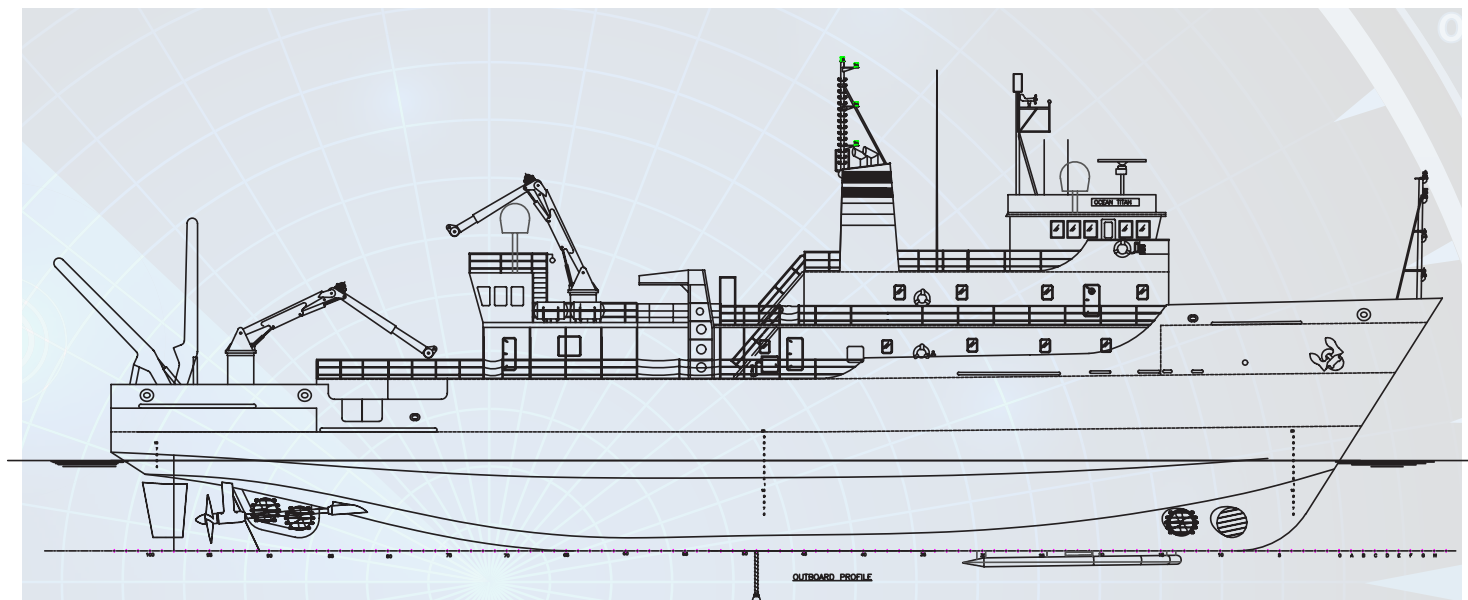
NEAL FORDE

2629 NW 54TH STREET #210

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Main Characteristics

Length Overall	224 ft
Gross Tons	2014
Breadth	43 ft
Depth	20 ft
Maximum Draft	18 ft - bottom of sonar gondola
Weight	1574.9 long tons

Class and Flag

ABS, Ice Class C, DP11. US flag COI
Subchapter I and U, Jones Act

Propulsion

Main	2 x 800 HP VFD / SCR
Bow tunnels	2 x 500 HP VFD / SCR
Stern tunnels	2 x 500 HP VFD / SCR
Generators	4 x CAT 3512 Tier 2

Speed

Max	12 kts
Cruising	10.5 kts
Consumption	2200 gpd full 1200 gpd survey 1200 Dp normal
Cruising Radius	16,800 NM

Deck Equipment

A-Frame	20,000 lbs
Main Deck Crane	17 Ton Knuckle Boom
Aux Deck Crane	12 Ton Kuckle Boom
J-Davit	10,000 Lbs
CTD Winch	Desh-5 10,000m .322 Dus-9 10,000m 9/16
Client Power	1500 kVa to deck
Clear Deck	4,263 ft2

Labs

Dry lab	1,065 ft2
Wet lab	202 ft2
Science store room	324 ft2
Clean Power	In all labs
DGPS / MRU	Seapath
AUV / ROV control	Built in

Anti - Rolling Tanks

One Anti - rolling heeling system

Tanks

Fuel	163,000 gallons
Potable Water	17,000
Water makers	5,000 gallons / day
Ballast	110,000 gallons

Accommodation

POB	48 Total -14 crew -34 science
Staterooms / Heads	27 / 20
Singles	6
Doubles	21
Hospital	1 w/ head
Mess	1 seating for 23
Lounge and Gym	1 & 1
Conference room	1

DP - NAV

DP System	Beier DP2
GMDSS	Full Ocean
Hipap - Internal	Kongsberg 501
Power Management	Fully Automated

Mission Kit

Multibeam	EM 124 full ocean
ROV	UHD3 - 4000m
AUV	Hugin 4500m (up to 2)
Side pole fitted	Customer modifiable
SW / FW supply	All decks / labs w/ uncontaminated SW supply
Additional Survey	EM304 ready EM712 ready SBP300 ready
Geotechnical Optional	Vibracore Piston Core

