



CHRISTENSEN SHIPYARDS, LLC.



CUSTOM 164' (50M) SERIES

MCA-LY3 COMPLIANT



OVERVIEW

Christensen Custom 164' (50m) Series

Length Overall:	164' 0"	50.0M
Length at Waterline:	143'6"	43.7M
Beam:	30'0"	9.2M
Draft (Full):	8' 0"	2.4M
Draft (Light):	7' 6"	2.3M
Type:	Motor Yacht	
ITC Tonnage:	Less than 500 Gross Tons	
US Tonnage:	Less than 300 Gross Tons	
Builder:	Christensen Shipyards, LLC.	
Naval Architecture:	Christensen Shipyards, LLC.	
Exterior Styling:	Christensen Shipyards, LLC.	
Interior Design:	N/A	
Construction:	Hull & Superstructure: Vacuum Infused FRP foam-cored sandwich composite	
Classification:	ABS & MCA-LY3 Certified Unlimited Cruising	

Main Engines:	(2) MTU 12V 4000 Continuous Duty Rated 1875 BHP @ 1800 RPM
Reduction Gears:	(2) ZF Model 5055A, 8° down-angle, 2.96:1 ratio
Propulsion Shafting:	Seatorque oil-bath shafting system & thrust bearing
Electrical:	(2) 118 KW, 208V - 3PH - 60Hz. (1) 99 KW, 208V - 3PH - 60Hz.
Speed:	Maximum: 16 knots Cruising: 14 knot
Tankage:	Fuel - 16,500 US Gallons (62,460 liters) Water - 3,600 US Gallons (13,600)
Range:	Over 4,000 nautical miles
Accomodations:	Sleeps up to 12 in the owner's party in 6 state rooms Crew accommodations for up to 10 in 5 cabins
Location:	Vancouver, Washington - USA
Price:	Available upon request



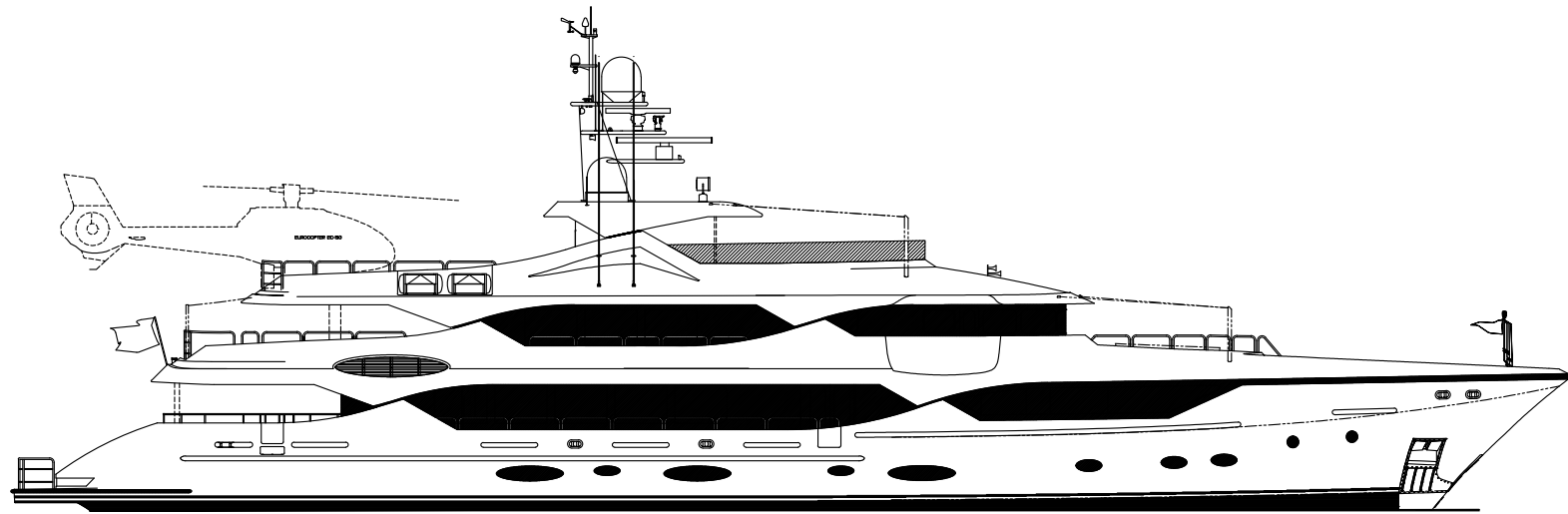


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AFT BRIDGE DECK

SISTER SHIP - M/Y LADY JOY



CONSTRUCTION

Construction

Hull:	Vacuum infused FRP foam-cored sandwich composite
Superstructure:	Vacuum infused FRP foam-cored sandwich composite

Dimensions

Length Overall (LOA):	164' 0"	(50 meters)
Length at Waterline (LWL):	143' 6"	(43.7 meters)
Beam (molded):	29' 0"	(8.8 meters)
Draft (full load):	8' 0"	(2.4 meters)
Draft (light load):	7' 6"	(2.3 meters)
ITC Tonnage:	Less than 500 Gross Tons	
US Tonnage:	Less than 300 Gross Tons	
Displacements (full load):	895,000 lbs	(405,965 kg)

Capacities

Fuel:	16,500 US Gallons (62,460 liters)
Fresh Water:	3,600 US Gallons (13,627 liters)
Lube Oil:	300 US Gallons (1,136 liters)
Waste Oil:	300 US Gallons (1,136 liters)

Speed

Maximum:	16 knots
Cruising:	14 knots
Range:	Over 4000 Nautical Miles



SKY LOUNGE

SISTER SHIP - M/Y REMEMBER WHEN

MACHINERY

Engines, Generators, Other Machinery



Engine Room - Sister ship M/Y Odessa

Main Propulsion

- Main Engines: (2) MTU 12V 4000 Series, 1875 HP @ 1800 RPM Continuous Duty Rating with pre-lube & coolant pre-heat systems
- Main Gears: (2) ZF Model 5055A, 8° down-angle, 2.96:1 ratio with trailing pumps, trolling valves and PTO's for stern thruster hydraulic pumps
- Propulsion Shafting System: (2) Seatorque M3-450 complete BOSS enclosed oil-bath shafting systems with thrust bearing housing assembly and universal slip-joint driveline assembly.
- Propellers: (2) VEEM - 5 Blades, NiBrAl, CNC machining

Generators & Electrical System

- Output: 208 Volts, 3 phase, 60Hz
- Generators: (2) 118 KW @ .8 power factor
(1) 99 KW @ .8 power factor
- Main Switchboard: Hyak Electroworks - Integrated shore power conditioning & conversion system with full auto-parallelng control system.
Converts any input voltage & frequency from shore power
- DC Electrical System: (2) 24 VDC Battery Banks with battery chargers

HVAC System

System: Dometic chilled water HVAC system, 3 x 15-ton chiller with 45-KW electric heater & Gateway network interface

Air Purifier System: Dometic “Breathe-Easy” air purifying systems shall be provided through-out the interior living spaces

Auxiliary Machines

- Zero-Speed® Stabilizer System: Quantum QC-1500XT-SB, with two (2) custom stainless steel, high-lift, 3.4-4.4 m2 retractable/extending fins
- Bow Thruster: ABT TRAC-24” dual-prop tunnel thruster with104-KW AC electric motor
- Stern Thruster: ABT TRAC-20” dual-prop tunnel thruster, 100-HP, with main gear driven hydraulic power pumps
- Steering System: (2) Jastram electro-hydraulic power packs with emergency manual help pump

Fuel Oil Centrifuge: Alfa-Laval, model MAB-103, 237-GPH capacity

Fuel Filtration: (2) MTU Primary & Secondary filtration systems
(3) Racor model 804MA30 filters for gensets
(1) Fuel Filter/Water Separator, Henek Fluid System 30-GPM flow rate

Toilet Systems: Toto “Neorest” 550 in Owner’s Baths
Planus “Arctic Plus” toilets in all other areas

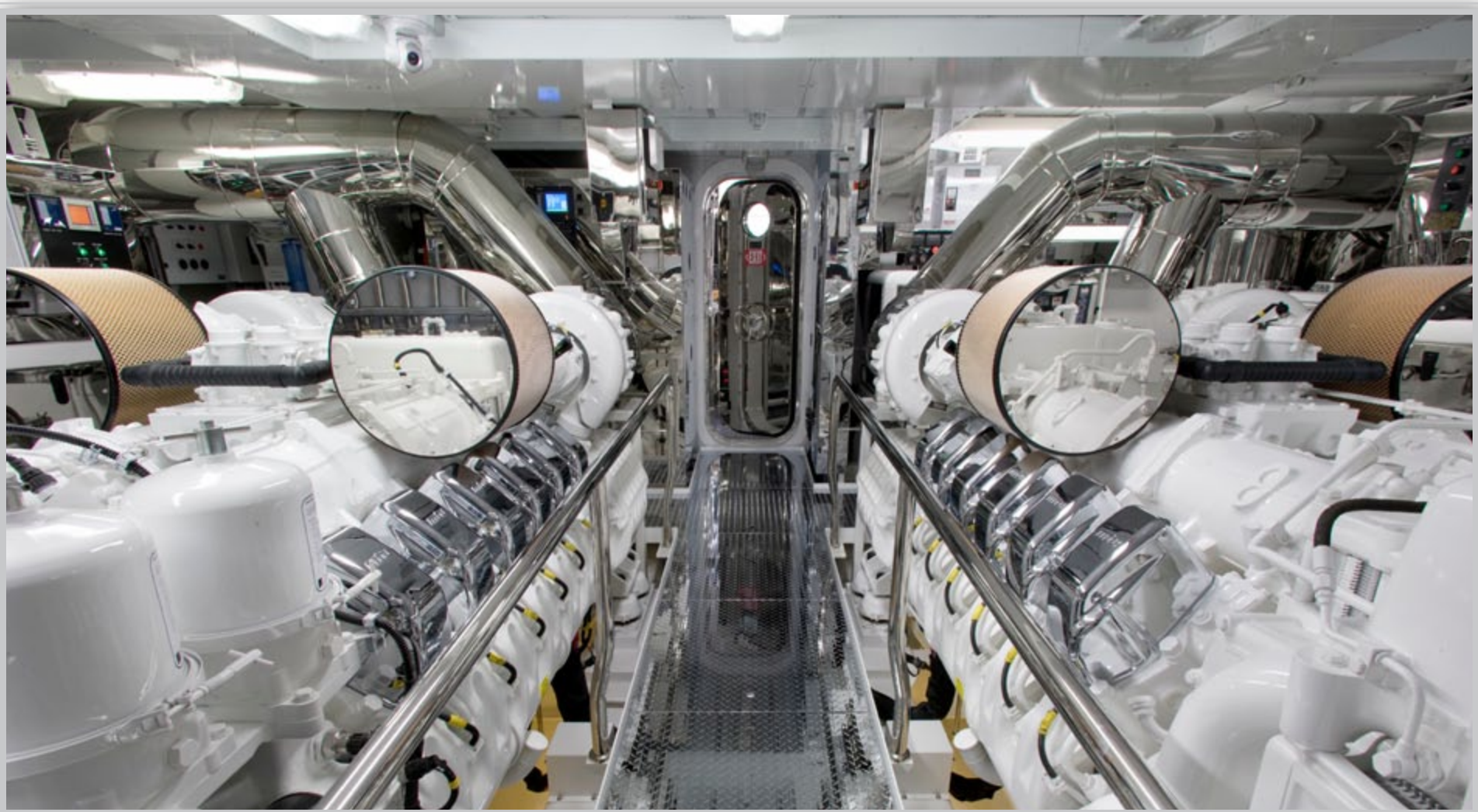
Sewage Treatment System: Tecnicomar, model “ECOMar 24”, IMO MEPC-159(55) Certified – treating both “black” & “gray” water systems.

Watermakers: (2) FCI dual-pass systems, producing 20 PPM purified water @ 2400 GPD, per unit.

Shore Water & Filtrations: (2) FCI – 2400 GPD, per unit - Fresh Water RO system, with silver-iron and UV sterilizer.

Oily (Bilge) Water Separator: Recovered Energy Inc., model BOSS2TY-107, USCG Certified, ABS Type-Approved & IMO MEPC-07(49) compliant

Hydraulic Systems: To be furnished by each equipment manufacturer



ENGINE ROOM

SISTER SHIP - M/Y ODESSA

ELECTRONICS

Communication, Navigation, Monitoring & Entertainment

Communication System

Satcom:	KVH Trackphone F77 worldwide Inmarsat
VSAT:	SeaTel 4006 KU-Band Maritime 48" dome
Telephone System:	Panasonic with 24 extension ports for wired & wireless extensions with intercom & paging capability
Cellular Phone:	(2) Telular SX5E GSM Cellular Phone
VHF:	(3) Icom M602 VHF radios
Loud Hailer:	(1) Raymanrine Ray 430 loud hailer with extra horn
GMDSS/AIS:	(1) Furuno FM8800 VHF 25-watt DSC-VHF Radio Telephone
GMDSS	(1) Furuno FS1570 150-watt SSB Radio (1) Standard-C Furuno FELCOM15 (2) VHF Handheld Radios – ACR model 2726A (2) Furuno PP510 Printer (1) Furuno NX700A Navtec Receiver
Network Access:	Great Circle System NAS 3000 automatically searches all network sources for the most cost effective route for internet traffic
Wireless Network:	Cisco 802.11g wireless network covering all decks

Entertainment System

System installed by: Christensen Shipyards
Audio/Video Equipment Summary: (2) SeaTel Sat TV antennas; Functional control of the entire A/V system is through Crestron touch panels located in every room. Each room has autonomous control of the DVD movie library and the CD music library, as well as U.S., Caribbean, and European satellite television. All Crestron and receiver equipment is located in a central A/V room and networked throughout the yacht.

Monitoring System

System by: Hyak Electroworks
The programmable logic based system, with (6) 12" color touch-screens installed throughout. A SIMnet integration and monitoring network connects the vessel's system to allow remote monitoring, data logging, power management and diagnostic.



Main Salon - Sister ship M/Y Remember When



Sun Deck - Sister ship M/Y Remember When

Navigation System

Vendor:	Johnson Electronics & Machinery, Inc.
Monitors:	(6) Hatteland – 19" monitors with Extron Switching System
Radars:	(1) Furuno FAR2137BB, 30-KW, S-Band (1) Furuno FAR2117BB, 12-KW, X-Band Both with automatic radar plotting aids (ARPA)
Compass Gyro/Satellite:	(1) Anschutz Standard 22
Magnetic Compass:	(1) Delta spherical magnetic compass
Autopilot:	(1) Anschutz Pilotstar D
Sonar/Sounders:	(1) Furuno CH250BB Searchlight Sonar (1) Furuno FCV 1200BB Color Video Sounder (1) B&G Depth Sounder
GPS:	(2) Northstar 6K6 6000i GPS with plotter
Weather Fax:	(1) Standard-C Furuno FELCOM15
Electronic Chart Plotter:	(1) Transas Navi-Sailor 3000 with World Chart Folio
Wind/Speed Log:	(1) B&G HS-SYST-1 HS2000 Cruiser with (4) additional FFD's
Night Vision Camera	(1) FLIR Thermo Voyager



PILOTHOUSE

SISTER SHIP - M/Y CASINO ROYALE



Galley - Sister ship M/Y Marathon



Dining Room - Sister ship M/Y Remember When

GALLEY & LAUNDRY

Main Galley, Crew Galley & Laundry Equipment

Main Galley Equipment

- Cooking Appliances:
- (1) 6-Burner professional Cook top
 - (1) Dual-wide grill panel
 - (1) Extraction hood with independent fixed fire-extinguishing system
 - (2) Convection Ovens
 - (1) Microwave Oven
 - (1) Glo-Ray infrared food warmer
 - (2) Warming drawers
- Refrigerators/Freezers:
- (2) Sub-Zero Refrigerators/Freezers
 - (1) Sub-Zero Wine Cellar – in Pantry
 - (1) Sub-Zero Ice Maker
- Dishwashers
- (2) Miele model G7856
- Trash Compactor
- (2) KitchenAid model KUCS03FTSS

Crew Galley Equipment

- Cooking Equipment:
- (1) Microwave
- Refrigeration/Freezer:
- (1) Walk-In Cooler with (2) Condensing Units
 - (4) Upright Freezers
 - (1) Upright Refrigerator / Freezer
- Dishwasher:
- (1) GE model GSD6900JWW
- Trash Compactor:
- KitchenAid model KUCS30CTWH

Laundry Equipment

- Main Laundry Equipment:
- (3) Commercial Duty Washers
 - (3) Commercial Duty Dryers



DINING ROOM

SISTER SHIP - M/Y ODESSA



TENDERS & DECK EQUIPMENT			
Tenders & Toys, Deck Equipment, Security, Safety			
<i>Tenders & Toys</i>		<i>Security, Fire Fighting & Safety Equipment</i>	
Tender:	(1) Owner's tender - Novurania 22' (1) Crew's tender - Novurania 15' (4) Wave Runners		
Dive Gear:	(1) Brownie dive compressor		
<i>Deck Equipment</i>			
Anchor Windlass System:	(2) Maxwell SY-26 windlasses electric		
Capstans:	(6) Maxwell VC-6000 Electric		
Anchors:	(2) 360KG "Pool N" type, balanced, electro-polished stainless steel anchors		
Anchor Chain:	(2) 550 feet of 22mm grade-2 stud-link		
Boat Crane and Davits:	(1) Nautical Structures 5000 lbs (2,270 kg) capacity – main crane (1) Nautical Structures 3500 lbs (1,588 kg) capacity – bow davit		
Passerelle:	(1) Sanguinetti 20' (6 meter) hydraulic telescoping extension with swivel platform		
Swim Deck Transformer:	(1) Opacmare model 3383/60, 6-steps, with 76" (1.93m) x 108" (2.74m) teak open-grating platform		
		Security Equipment	
		CCTV System:	Networked through the Crestron A/V control system
		Cameras:	(7) Sony Network Color Camera with pan-tilt-zoom
		Monitors:	Cameras can be viewed from any TV or fixed monitor onboard via the Crestron switching system
		Fire Fighting Equipment	
		Fire Detection & Alarm:	Consilium Salvico CS4000, with smoke, heat and flame detectors where necessary
		Fixed Fire Protection System:	Optec International "SoftEx" water mist system in all living spaces
			FM-200 fixed fire extinguishing system in the Engine Room and Generator Room
		Portable fire Extinguishers:	Provided throughout as required by ABS & MCA
		Safety Equipment	
		Life Rafts:	(4) Zodiac 16 person USCG and SOLAS approved
		Life Rings:	(4) SOLAS approved type
		EPIRBs:	ACR 2742 (CAT 1, with GPS)
		Smoke & Flare Signals:	Per MCA requirements

TENDER & TOYS



Master Stateroom - Sister ship M/Y Primadonna



VIP Stateroom - Sister ship M/Y Remember When

ACCOMMODATIONS

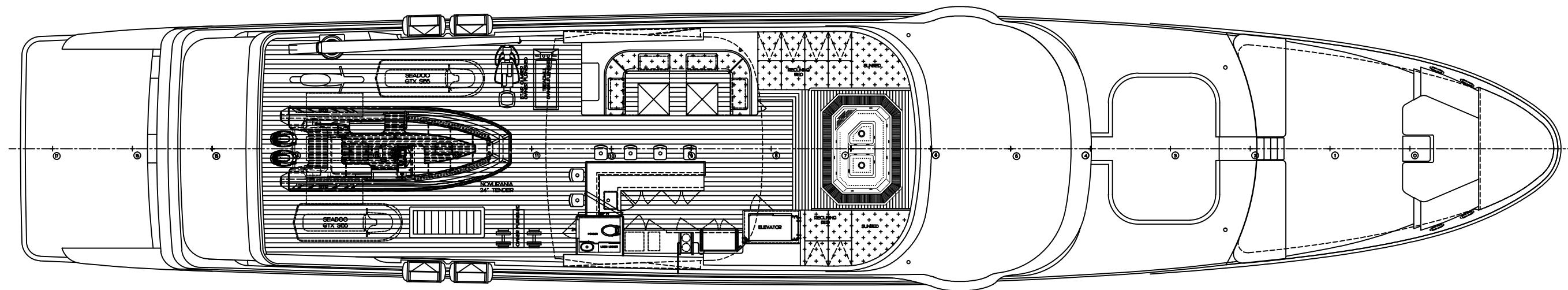
Owner, Guests, Crew

<p>General <i>The vessel has accommodations for twelve guests in (6) staterooms and ten crew in (5) cabins</i></p> <p>Owner <i>The Owner's full width suite is located on the main deck. Owner's office is to starboard upon entering the master suite hallway, which then leads forward into the master suite. This is a huge master comprising two large walk-in closets, vanity and his/her en suite bathrooms. There is a large Jacuzzi tub on the port side. The room is an elegant mix of fabric panels and satin finished wainscot.</i></p> <p>Guests <i>There are (4) large guest cabins located on the lower deck along with a full beam VIP suite. All (5) cabins have en suite bathrooms with spacious marble showers; the VIP also has a large Jacuzzi tub. Additionally, the (2) forward guest cabins have Pullman berths.</i></p> <p>Crew <i>There are (4) upper/lower crew cabins forward of the spacious crew's quarters on the lower deck, plus a large captain's cabin aft of the wheelhouse, all with en suite bathrooms. Crew access to all decks is via a dedicated crew stairway.</i></p>	<p>Comments <i>This brand new, turn-key yacht represents a very unique opportunity to own a helicopter ready vessel in a very short amount of time. The design specification for this yacht was created with one mission in mind: To safely travel the oceans of the world in comfortable elegance.</i></p> <p>ALL CHARACTERISTICS, SPECIFICATIONS, PERFORMANCE DATA AND OTHER REPRESENTATIONS IN THIS BROCHURE ARE BASED ON THE ON-GOING DESIGN AND CONSTRUCTION FOR THIS VESSEL. THE BUILDER RESERVES THE RIGHT TO ALTER, CHANGE OR OMIT ANY FEATURES RELATIVE TO THE VESSEL DESCRIBED HEREIN WITHOUT NOTICE OR WARRANTY.</p>
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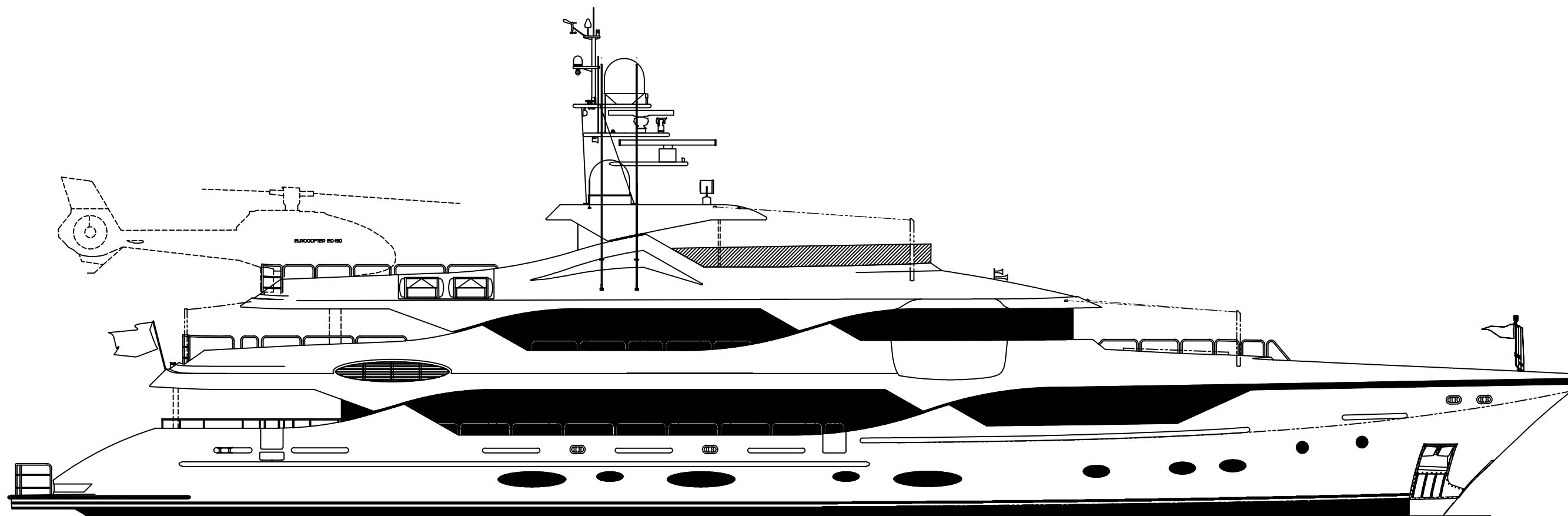


MASTER STATEROOM

SISTER SHIP - M/Y ODESSA

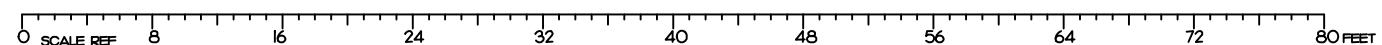


SUNDECK PLAN



STARBOARD PROFILE

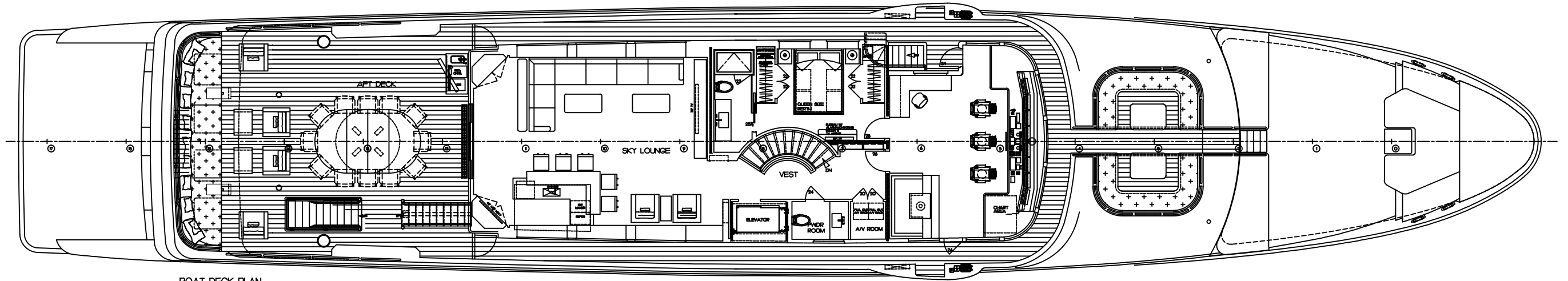
NOTICE:
OPTIONAL EQUIPMENT MAY BE SHOWN
ON THE PLANS THAT IS NOT INCLUDED
IN YOUR QUOTATION. ONLY ITEMS THAT
ARE LISTED IN YOUR QUOTATION ARE
INCLUDED IN YOUR CONTRACT.



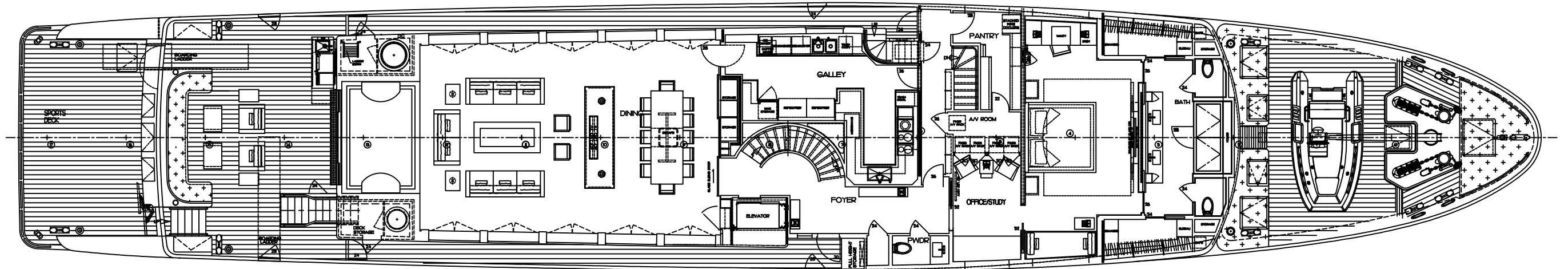
VESSEL/OWNER				154 FOOT TRI DECK MOTOR YACHT	
HULL 42					
Chris Jensen				4400 SE COLUMBIA WAY VANCOUVER, WA 98665	
DESIGN BY:	PM	APPROVED BY:	SCALE	HULL NUMBER	
DATE:	90 JAN 2018	DATE:	3/16" = 1'-0"		
TITLE				HULL 42	
PROFILE				SHEET 10 OF 1	
WITH SUN DECK LAYOUT					

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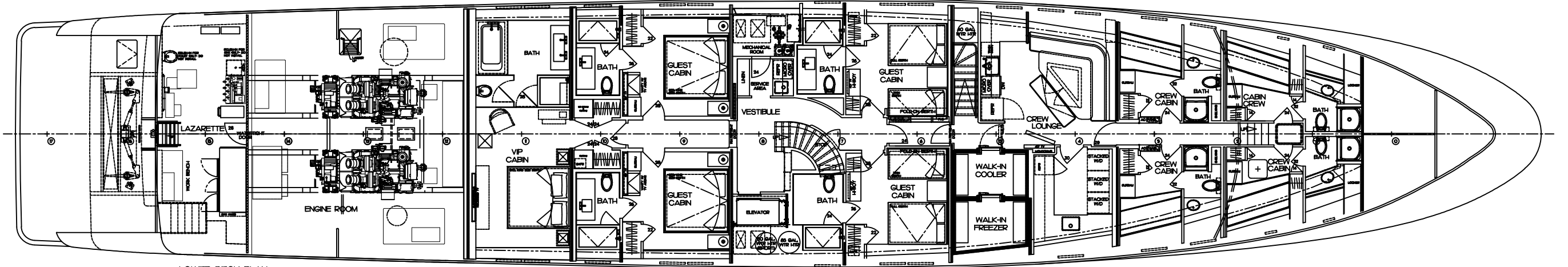
HULL 42



BOAT DECK PLAN



MAIN DECK PLAN



LOWER DECK PLAN

0 SCALE REF 8 16 24 32 40 48 56 64 72 80 FEET

VESSEL/OWNER		154 FOOT TRI DECK MOTOR YACHT	
HULL 42			
		4400 SE COLUMBIA WAY VANCOUVER, WA 98661	
DESIGN BY	PM	APPROVED BY	SCALE
DATE	30 JAN 201	DATE	3/16" = 1'-0"
HULL NUMBER			
TITLE		HULL 42	
LAYERS		OF	
LOWER, MAIN AND BRIDGE DECKS			

P

HULL 42



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