



SHADOW

181' (55.30m) 2017 Damen YS 5009
Fort Lauderdale Florida United States



OVERVIEW

Manufacturer: *Damen*

Engines:	4 Caterpillar	Hull Material:	Steel
Engine Model:	3512C	Cruise Speed:	14.5 Knots
Engine HP:	1499.26	Max Speed:	21 Knots
Beam:	30' 5"	Cabins/Heads:	3 /
Max Draft:	10' 10"	Fuel Type:	Diesel
Water:	7660 G (28996.24 L)	Fuel:	44407 G (168098.7 L)

€15,500,000



Damon Smallwood damon@superyachtsac.com

1-954-812-6844

Data Sheet

Category: Motor Yachts
Subcategory: Superyacht
Condition: Used
Model Year: 2017
Refit Year: 2023
Documented Year: 2017
Beam: 30'5" (9.27m)
Max Draft: 10' 10" (3.30m)
Min Draft: 9' 4" (2.84m)
LOA: 181' 5" (55.30m)
LWL: 181' 5" (55.30m)
Cabins: 3
Sleeps: 6
Full Beam Master: Yes
On Deck Master: Yes

Crew Cabins: 5
Captain's Quarters: Yes
Crew Sleeps: 11
Helideck: Touch & Go
Maximum Speed: 21 Knots
Cruise Speed: 14.5 Knots
Range NM: 5000
Fuel Type: Diesel
Super Structure Material: Aluminum
Hull Material: Steel
Hull Shape: Displacement
Air Conditioning: Yes

Gross Tonnage: 489
Displacement: 346 tonnes
Stabilizers: Standard and Zero Speed
Stabilizer Brand: Quantum
Fuel Tank: 44407 gal (168098.7 liters)
Fresh Water: 7660 gal (28996.24 liters)
Holding Tank: 7925 gal (29999.37 liters)
Classification: Bureau Veritas
Builder: Damen
Designer: Damen
Interior Designer: Damen

Engines/Generators

Engine 1

Caterpillar
3512C
1499.26HP
1118KW
Fuel: Diesel
Hours: 5610
Serial #: PXC 00221
Location: Port

Engine 2

Caterpillar
3512C
1499.26HP
1118KW
Fuel: Diesel
Hours: 5778
Serial #: PXC 00222
Location: Port

Engine 3

Caterpillar
3512C
1499.26HP
1118KW
Fuel: Diesel
Hours: 5713
Serial #: PXC 00223
Location: Starboard

Engine 4

Caterpillar
3512C
1499.26HP
1118KW
Fuel: Diesel
Hours: 5794
Serial #: PXC 00224
Location: Starboard

Generator 1

Caterpillar
C4.4
100KW
Hours: 11431
Hours Date: 00/00/0000

Generator 2

Caterpillar
C4.4
100KW
Hours: 10272
Hours Date: 00/00/0000

Generator 3

Caterpillar
C4.4
100KW
Hours: 9326
Hours Date: 00/00/0000

Summary/Description

SHADOW is the first YS vessel with dedicated owner and guest accommodations, plus a host of yachting enhancements that distinguish it from its predecessors. Delivered in 2017, this updated design takes her owner into new territory with a combination of adventure and superyacht support functions.

SHADOW is a 2017 / 2023 Damen Yacht Support vessel. She is the first Yacht Support vessel with dedicated owner and guest accommodations, plus a host of yachting enhancements that distinguish it from its predecessors. Originally delivered in 2017, this updated design takes her owner into new territory with a combination of adventure and superyacht support functions.

For spontaneous weekend adventures away from the mother yacht, SHADOW accommodates up to 6 guests or support staff who can enjoy the main deck lounge or relaxation and dining on the sun deck.

Since being delivered, SHADOW has had numerous upgrades, including a Nitrox Diving Center. Equipped with a 2980 Litre / 787 US Gallon petrol fueling station, she is more than ready to support her next owner's yachting adventures.

Sales Specifications

MAIN SPECIFICATIONS

Length Overall: 55.3m (181'5")

Length at Waterline: 55.3 m (181'5")

Beam: 9.25m (30'5")

Draft: 3.30m (10'10")

Year Completed: 2017

Model Year: 2017

Refit: 2023

Type: Yacht Support Vessel

Tonnage: 489 GT / 146 NT

Displacement: 346 Tonnes

Hull Config: Displacement with Axe Bow

Guests: 6

Crew: 11

CONSTRUCTION

Builder: Damen

Naval Architect: Damen Yachting

Exterior & Interior Design/Stylist: Damen Yachting

Hull Material: Steel

Superstructure: Aluminum Deck Material: Bolide

Classification: Bureau Veritas

SPEED

Maximum: 21 kts

Cruising: 14.5Kts

Economical: 10 kts

Range: 5,000NM

Consumption @ Cruising: 466 lph (123 gph) @1200 RPM @ 14.5kn.

CAPACITIES

Fuel: 168,099 L / 44,407 US Gallons

Water: 28,996 L / 7,660 US Gallons

Technical Fresh Water: 31000 L / 8,179 US Gallons

Black Water: 30000 L / 7,925 US Gallons

Lube Oil Capacity: Engine Oil - 1,048 L / 277 US Gallons

Hydraulic Oil - 247L / 65 US Gallons

Gear Oil - 247 L / 65 US Gallons

Waste Oil Capacity: 1360 L / 360 US Gallons

Bilge Water Tank: 1360 L / 360 US Gallons

Fueling Station: 2980 L / 787 US Gallons

CLASSIFICATION & CERTIFICATIONS

Flag: Jamaica

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Classification: Bureau Veritas

MACHINERY

MAIN ENGINES

Engine Type: 4 x Cat 3512c main engines 1118kW@1800rpm

Horsepower: 6000 HP

Engine Serial Numbers: PXC 00221/PXC 00222/PXC 00223/PXC 00224

Main Engine Hours (Port): 5610, 5778

Main Engine Hours (Stbd): 5713, 5794

GENERATORS & ELECTRICITY

Output: 300kW

Generators: 3 x Cat C4.4 Generators 100kW

Generator Fuel Consumption: 20 l/H

Port Generator Hours: 11,431

Center Generator Hours: 10,272

Starboard Generator Hours: 9326

Shore power: Eekels/Marpower SPC 415/0150EW Shore power convertor 150 kVA (2 shore leads)

Generator Starting: Electric

BATTERIES

Service/House Batteries: 24VDC/230Ah

Generator Starting: 24VDC/160Ah

Main Engine Starting: 24VDC/240Ah

Emergency/GMDSS: 24VDC/200Ah

PROPULSION & STEERING

Drive: 4 Prop shaft & 5 Blade Fixed Pitch Prop

Gearboxes for Main Engines: Reintjies - ZWVS 730/1 (K21A)

Stabilizer: 2 x Quantum QC-2200 HD Zero Speed

Stabilizer Underway: YES

Stabilizer at Anchor: YES

Steering System: Sperry Marine - Model: 190481-0100D

OTHER MACHINERY

Water Makers: Water makers Inc. Model WMSQ-7500 28,390L

Water Softeners: Portable Wet Spot Water Softener

Bow Thruster: 2x Veth 85kW - Model VT80-e

Fuel Separator and Filtration: Westfalia - Model: OTC 3-02-137

Sewage System: Hamann HL-Cont PLUS 025

Fresh Water System: JOWA Silver Sterilizer -Model J30005-00010 / 3 Daalderop , Hot Water Calorifier 5.2Kw / Wyckomar Inc UV Purification / 2 Water Pump and Accumulator

Oily Water Separator: Facet International Bilge Water Separator - Model CPS- 2,5B MK III + EBM14X1 + BilgMon488

Air Compressor: Powerex Air Compressor - Model -SBS10B7S0022401

Dive Compressor: Bauer - JR11-E3Y/208

Nitrox Dive System: Nitrox Solutions Inc - NS -750 - WC

Air Conditioning: Heinen and Hopman - HVAC Plant 2 Dorin Compressors, condensers, evaporators- Model 2x H2500CC with 120Kw cooling capacity, 1 Fresh Air Make up Unit - Salor - 2000m3/hour & 41Kw cooling capacity

COMMUNICATION AND NAVIGATIONAL EQUIPMENT

PILOTHOUSE

SAT COM: Cobham Sat Phone.

Telephone System: Spectralink.

VHF: 2 x Sailor 6222 GMDSS

Intercom: Alphacall

Navtex: JRC NCR 333 Navtex receiver and printer.

Inmarsat C: 2 X Sailor 6006 Message Terminal

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NAVIGATION SYSTEMS

Radar: 2 X JRC X Band.

Gyrocompass: Anschutz Digital Gyro Standard 22NX

Magnetic Compass: Cassens and Plath Magnetic compass.

Auto Pilot: Alphasea Pilot MFC

GPS: JRC NWZ 4610 GPS

Ships Computer: Lenovo Ultrabook.

Electronic Charts: Transas and Time Zero

Wind/Speed Log: Airmar

ENTERTAINMENT SYSTEMS

VSAT1: Intellian v80G

VSAT2: Intellian v80G

Starlink: Marine and RV

GALLEY & LAUNDRY EQUIPMENT

MAIN GALLEY EQUIPMENT

Cooktop Main Galley: Siemens Induction Cooktop - Model: HMIV0IE

Oven: Wolf 24" E series Oven -Model: SO24TE/S/TH

Microwave: Panasonic - Model 1037

Walk In Refrigerator/ Freezer: Heinen and Hopman- L'Unite Hermetique/Tecumseh; Cool Room / Fridge - 0.8Kw Cooling Capacity; Freezer - 1Kw Cooling Capacity

Galley Refrigerator: Liebherr

Galley Freezer: Liebherr

Dishwasher: Electrolux - Model: 502316 (WT30H240DU)

CREW GALLEY/ MESS

Fridge: Liebherr

Dishwasher: Miele Professional offshore.

LAUNDRY

Washing Machines: 2 X Miele Professional 6065

Dryers: 2 X Miele Professional PT7135C Vario

DECK EQUIPMENT

Dynamic Positioning Alphasatron Dynamic Positioning.

Anchor Windlass: Kemp Windlass

Aft Warping Capstans: MCE 10Kn (10.6KN Pull, 35KN break)

Anchors: 1 X 320 KG Bruce twin Shank.

Anchor Chain: 6 x 27.5 m , 20.5 mm dia Galvanised chain.

Boat Crane and Davits: Heila HLRM 140-6S knuckle boom crane 12 tons @ 5m / 6 tons @ 11.5m

Fueling System: 2980 Ltr /787 US Gallon Petrol fueling station

Passarelle: Type A30 deg Shala gangway 6mtr, 4 mtr.

Helicopter Deck: Max take-off weight 3.7 tons

FIRE FIGHTING AND SAFETY EQUIPMENT

FIRE FIGHTING EQUIPMENT

Fire Control System: Kidde Fire Protection Novec.

Fire Extinguishers: See Fireplan

Alarms: Praxis Monitoring Panel

SAFETY EQUIPMENT

Life Rafts: 3 X Surviva MKIV 25 Persons

Life Rings: 2x Light and smoke, 2 x Light.

EPIRBs: 1 X McMurdo Smartfind 406 G8+AIS.

Flares: As Required.

Medical Equipment: Full MSOS Ocean going Kit.

ACCOMMODATION AND LAYOUT

Guest cabins: 3x sleeping 6 guests total

Crew Cabins: 5x including Captain sleeping 11

Mechanical Disclaimer

Engine hours are as of the date of the original listing and are a representation of what the listing broker is told by the owner and/or actual reading of the engine hour meters. The broker cannot guarantee the true hours. It is the responsibility of the purchaser and/or his agent to verify engine hours, warranties implied or otherwise and major overhauls as well as all other representations noted on the listing brochure.

Disclaimer

The company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his agents, or his surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change or withdrawal without notice.



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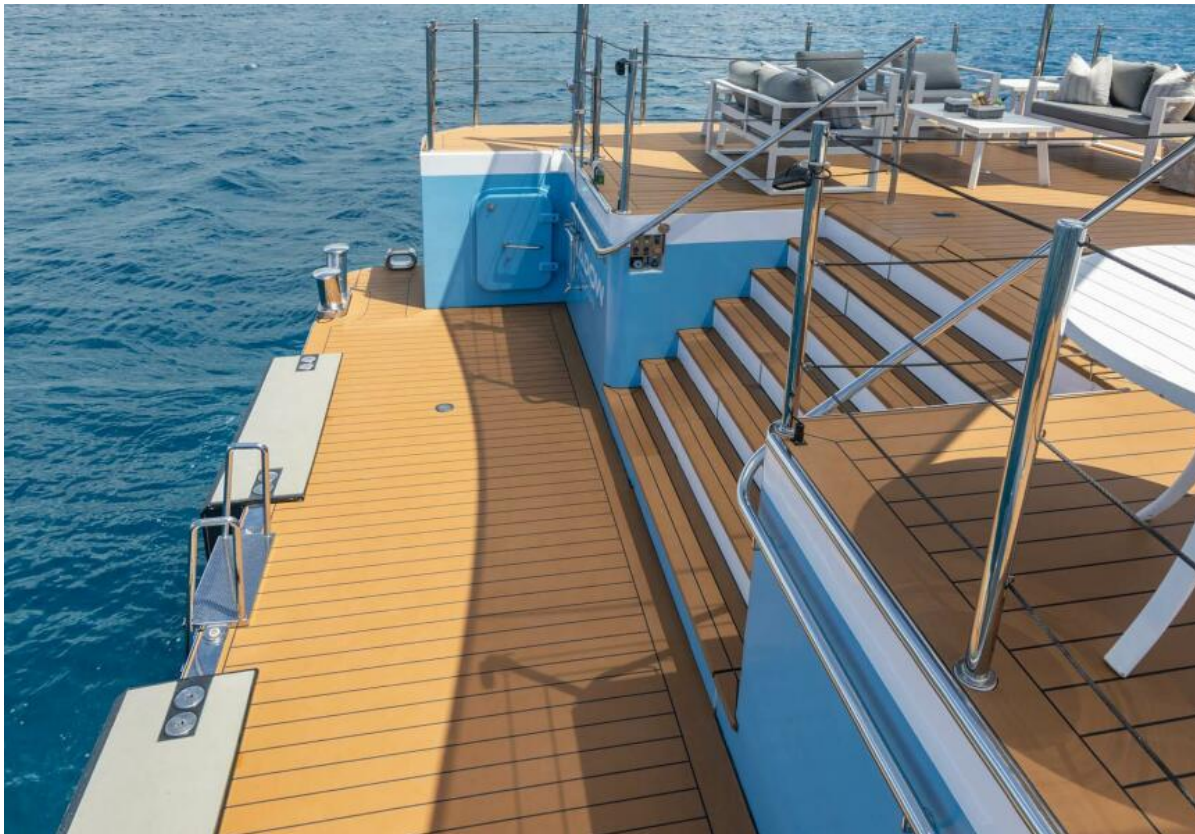
SHADOW



SHADOW



SHADOW



Swim Platform



Aft Deck Seating



Adventure Deck



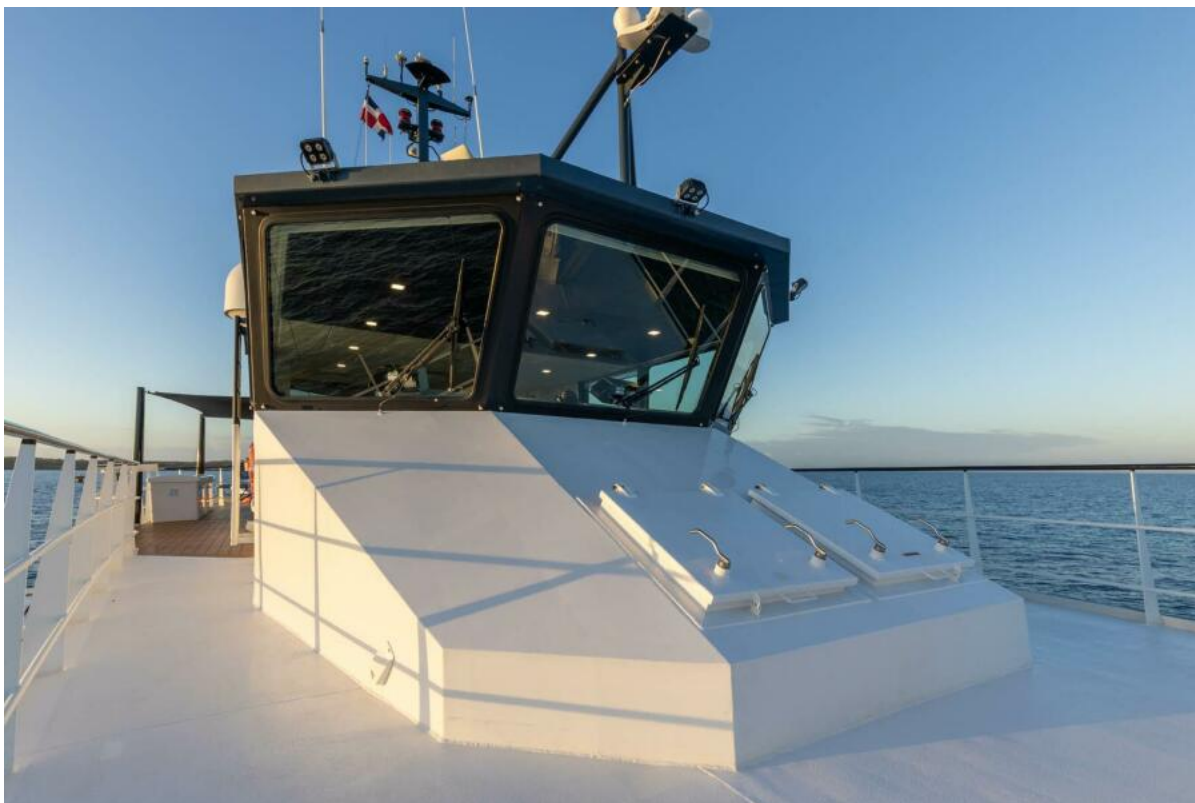
Adventure Deck Crane



Bridge Deck Seating



Bridge



Pilothouse



Pilothouse



Salon



Salon



Salon



Master



Master



Master Bath



Master Bath



Guest 1



Guest 1



Galley



Galley



Crew Mess



Captain's Cabin



Captain's Bath



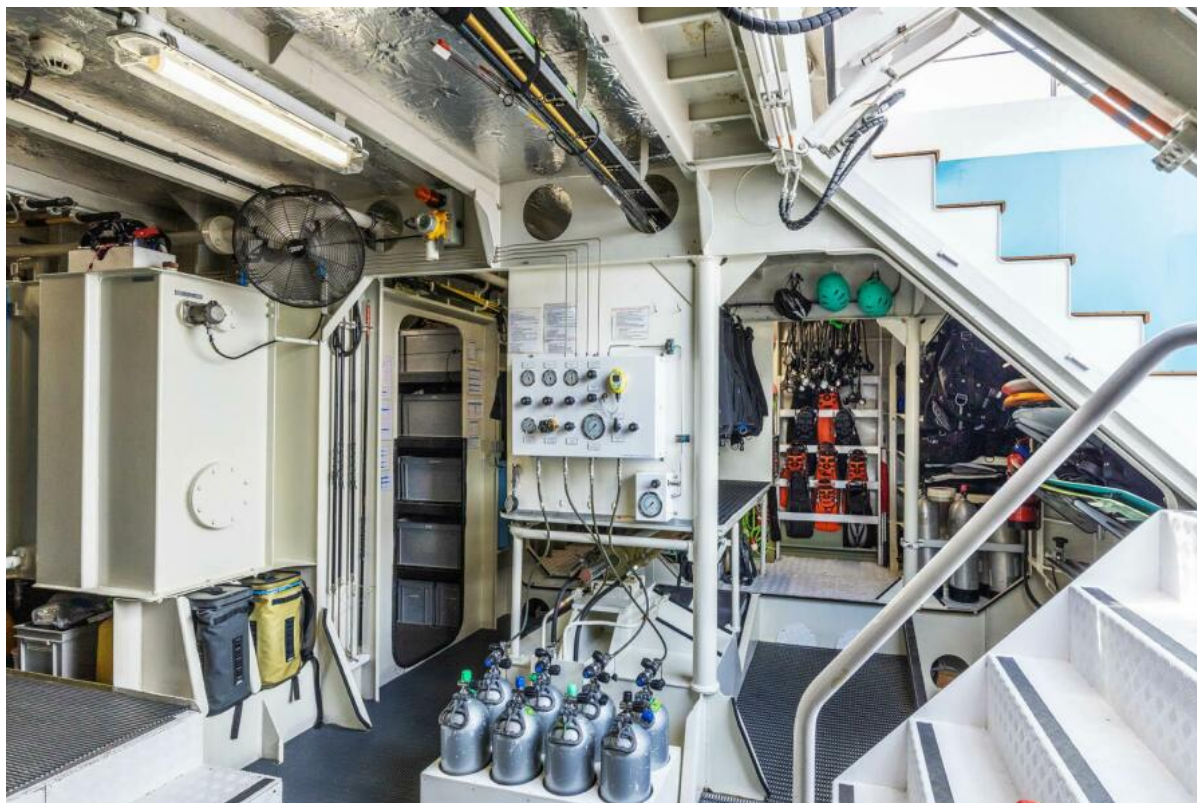
Laundry



Walk-in Fridge / Freezer



Walk-in Fridge / Freezer



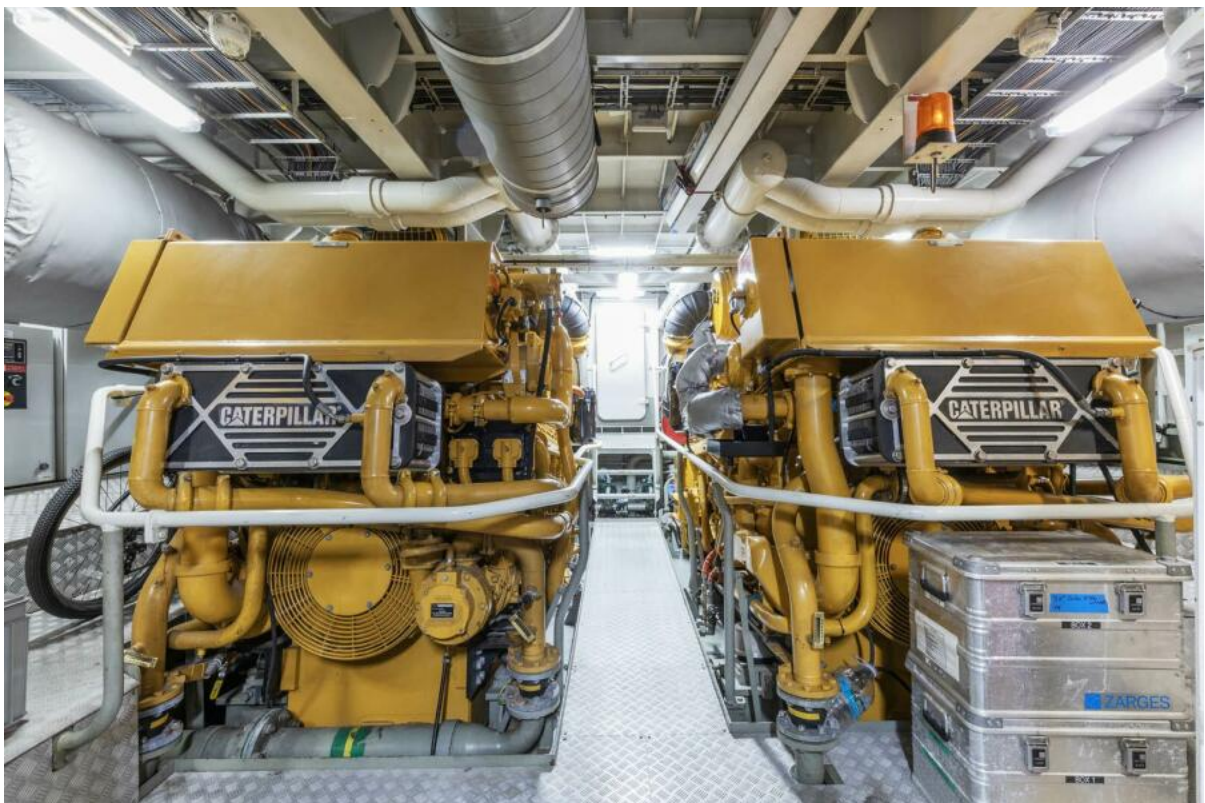
Lazarette



Lazarette



Lazarette



Engine Room



Engine Room



Engine Room



SHADOW