

BULK SANTOS

SHIP NAME:	BULK SANTOS
OWNER:	2020 BULKERS SANTOS INC. (Company IMO No. 4249588)
FLAG:	LIBERIA
IMO No:	9849772
YARD	NEW TIMES SHIPYARD, JINGJIANG CITY, JIANGSU, CHINA
TBD (Delivery)	05/2020 *Contract Delivery
CLASSIFICATION SOCIETY & NOTATIONS	ABS + A1, Bulk Carrier, CSR, ESP, AB-CM, BC-A (Hold 2,4,6 & 8 may be empty), GRAB (25), CPS, UNWILD, ENVIRO, IHM, RRDA, BWT,RW, PMA, +AMS, +ACCU, TCM
MAIN PARTICULARS	LOA: Abt. 299,95 m LPP: Abt. 294,40 m BREADTH: 50,00 m DEPTH: 24,90 m DESIGN DRAFT: 16,10 m SCANTLING DRAFT: 18,40 m
TONNAGE	GRT: abt. 102,000 NRT: abt. 65,800 DWT (design): abt. 175,000 DWT (scantling): abt. 208,000 TPC: Abt. 142 mt
CAPACITY	CARGO HOLDS: 223,000 M3 WATER BALLAST: 67,000 M3 (+ HEAVY WEATHER ABT. 22,300 M3, HOLD 6) HEAVY FUEL: 4,900 M3 MARINE GAS OIL: 560 M3 FRESH WATER: 470 M3
DESCRIPTION:	B-60m type, single skin bulk carrier built with vertical stem, single deck with forecastle, 7 deck accommodation/bridge block, transom stern, raised forecastle, nine (9) cargo holds, gearless flush main deck, corrugated transverse bulkhead with upper/lower stools, lower hopper/DB bottom ballast tanks integrated, upper hopper top wing tanks empty.
CREW ACCOMODATION / COMPLEMENT/SAFETY	Cabins: 28 single cabins (5 classes) Crew complement: 21 Lifesaving: 1 x 28 person freefall lifeboat, 1 x 6 person rescue boat, 4 x 15 person liferafts, 1 x 6 person liferaft FI/Fl: Engine Room CO2 + local water mist, Cargo Hold: Sea Water, Bridge and accomodation: Sea water + portable

ANCHOR /MOORING

FORECASTLE DECK:	2 x anchor winch, 1 x mooring winch (6 split winch drums, 3 warping head)
UPPER DECK FWD:	2 x mooring winch (4 split drums, 2 warping heads)
UPPER DECK AFT:	1 x mooring winch (2 split drums, 1 warping head)
POOP DECK:	3 x mooring winch (6 split drums, 3 warping heads)
EMERG. TOWING:	Bollard Fwd and Aft, SWL 83 tons
ARRANGEMENT:	Neo - Panama Canal Compliant
MOORING ROPES:	HMPE, 83 mt MBL

NAVIGATION & RADIO

RADAR/ARPA:	1 x FURUNO X-BAND, 1X FURUNO S-BAND
GPS:	2 x FURUNO
AIS:	1 x FURUNO
ECDIS:	2 x FURUNO
AUTOPILOT & GYRO:	YOKOGAWA
VDR:	FURUNO
GMDSS	FURUNO
SSAS	FURUNO
VSAT	MAR-LINK

MACHINERY

MAIN ENGINE:	DOOSAN MAN BW 6G70ME-C9.2-TII
AUX ENGINE:	3 x YANMAR (1200kW)
EMRG. GENERATOR:	CUMMINS
SOx EGC:	ALFA LAVAL OPEN LOOP
COMPOSITE BOILER:	KANGRIM (2000 kg/H +economizer 550 + 250 kg/h)
PURIFIERS:	ALFA LAVAL
BALLAST SYSTEM:	2x3000 m3/h SHINKO PUMPS / SUNRUI BWTS
MSB:	TERASAKI

ECO

Vertical stem and optimized hull lines
Wake equalizing duct installed.

INSURANCE

P&I:	SKULD
H&M:	GARD (H&M Leader)
WAR RISK:	DNK (Norwegian War Risk Club)