



SPECIFICATION SHEET

VESSEL PARTICULARS

VESSEL NAME	Captain America
BUILDER	Marco Polo Shipyard Batam
TYPE	DP3 Multi-purpose Construction Vessel
YEAR OF CONSTRUCTION	January 2013
FLAG	Panama
MMSI	370759000
IMO NUMBER	9526382
CALL SIGN	HP 5918
CLASSIFICATION	A1❖HELIDK ❖ICE CLASS ❖FIFI II ❖(E)❖ AMS❖ACCU❖DPS-3❖ES

PERFORMANCE

MAXIMUM SPEED	12 KNOTS
ECONOMICAL SPEED	10 KNOTS
TYPE OF FUEL	MARINE GAS OIL
FUEL CONSUMPTION	30M ³ /24 HOURS @ MAX SPEED 16M ³ /24 HOURS @ DP MODE
BOLLARD PULL	185 TONNES APPROX
ENDURANCE	100 DAYS OFFSHORE

DECK EQUIPMENT

ANCHORS	2 x 7500 kg HIGH HOLDING POWER
CAPSTAN	4 x 5 m @ 15m/min electric
TUGGER WINCH	2 x 10 ton @ 10m / min
BOS - 35000 LIEBHERR	1000 tonnes @ 26m radius
CBO 3600-100	100 tonnes @ 20m radius
HOPPE	ACTIVE SYSTEM
HELIDECK	CERTIFIED FOR SIRKORSKY S61N

PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	141.7 m
LENGTH WATERLINE	129.80 m
BREADTH MOULDED	28 m
DEPTH MOULDED	9.0 m
DRAFT [MAX]	5.50 m (7.5m with retractable down)
DISPLACEMENT	16,100 tonnes

CARGO CAPACITIES

DEADWEIGHT	6100 tonnes approx at 5.50m draft
UNDER DECK CARGO SPACE	2 x cargo hold 350 m ² each
DECK STRENGTH	10 tonnes / m ²
CLEAR DECK AREA	1500 m ² + 480 m ² covered +100m ² poop deck
FUEL OIL	2563 m ³ approx
FRESH WATER	2365.7 m ³ approx
BALLAST / DRILL WATER	4663 m ³ approx
ANTI - HEELING	3016m ³
FREEZER / CHILLER	75 m ³ / 75 m ³

DEADWEIGHT & CAPACITIES/PUMPS

THE VESSEL IS CAPABLE OF CARRYING A DEADWEIGHT OF 6100 TONNES AT THE DESIGN DRAFT.

FUEL OIL PUMPS	2 x 12.5m ³ / hr @ 30 m head
FRESH WATER PUMPS	2 x 100m ³ / hr @ 25 m head
BALLAST WATER PUMPS	2 x 250m ³ / hr @ 30 m head
BILGE PUMPS	2 x 100m ³ / hr @ 30 m head

PROPULSION & MACHINERY

3 x 2400 kw /690v frequency drive Aft 3 x 1400 kw /690v frequency drive Fwd
MAIN PROPULSION MOTORS
 6 x 2525 kw @ 1800 rpm CAT 3516 c/w alternators rated @ 2400kw / 690V / 3 Ph.60
MAIN GENERATORS hz
 1 x 500 kw @ 1800 rpm CAT 3412 c/w alternators rated @ 440V/3 Ph.60 Hz
EMERGENCY GENERATOR
 1 x 1400 kw cpp Rolls Royce approx 16 tonnes thrust
 3 x 1250 kw Rolls Royce Retractable Azimuths
FWD RETRACTABLE
 3 x 2200 kw Rolls Royce Azimuths
PROPULSIONS THRUSTERS

SAFETY

HELIDECK S-61N, ABS APPROVED
 LIFEBOATS 4 x 120 MAN AS PER SOLAS REQ.
 LIFERAFTS 4 x 50 MAN + 2 x 25 ,MAN AS PER SOLAS REQ.
 FAST RESCUE BOAT 2 x 9 MAN

SEGREGATED THRUSTER ROOMS, SEGREGATED GENERATOR ROOMS

RADIO & NAVIGATION EQUIPMENT

GMDSS 1 x STR 2000/HT RADIO STATION
 ABB 2 x ABB NENA INMARSAT– B – Class 2
 IMARSAT C 1 x STR 1500 INMARSAT – C GMDSS
 RADAR VHF RADIO 1 x STR 8400 VHF SMDSS
 NAVREX RECEIVER 1 x PNW 900 NAVTREX RECEIVER
 SART 2 x ARC SMART SART
 EPIRB 1 x ARC SATALITE 406 EPIRB
 PORTABLE VHF RADIOS 4 x Life BOAT VHF RADIO
 RADAR 1 x FURUNO
 ECHO SOUNDER 1 x FURONO
 DGPS Part of DP SYSTEMS
 GYROCOMPASS Part of DP SYSTEMS
 AUTOPILOT Part of DP SYSTEMS
 MAGNETIC COMPASS 1 x CASSERS & PLATH REFLECTA 1
 WEATHER FAX 1 x FURUNO FAX 207
 SPEED LOG 1 x FURUNO DS-80
 AS 1 x FURONO FA – 150

FIREFIGHTING & ANTI-POLLUTION EQUIPMENT EXTERNAL

FIRE PUMP - FIFI (II) 2 x 3,600 m³hr @ 14 BAR
 FIRE MONITOR - FIFI (II) 4 x 1,800 m³hr @ 12 BAR
 EMERGENCY FIRE PUMP 1 x 100 m³hr @ 45m HEAD

INTERNAL

FULL FLOODING CO2 SYSEM IN ALL MACHINERY SPACES.
 SPRINKLER SYSTEM IN ACCOMMODATION

MISCELLANEOUS

SEARCH LIGHTS 4 x 2000w
 FLOOD LIGHTS 8 X 1,000W AQUA SIGNALS
 WATER MAKER 2 x 70m³/DAY REVERSE OSMOSIS – DANFOSS
 OILY WATER SEPARATOR 1 x 1m³/HR @ 2.0kg/cm² ; HAMWORTHY
 SEWAGE TREATMENT 2 x 250 PERSONS/DAY MEET MARPOL REQUIREMENT;
 PLANT G & O

KONGSBERG SDP21 INCLD HIPAP 500 SYSTEM
 500 mm GATE VALVE, SJSO1 INDEPENDENT JOYSTICK, SYSTEM= 2 x MRU-D MOTION SENSORS, 1 x MRUC-5, 2 x GILL ULTRASONIC WIND SENSORS & 2 x DPS 116 DGPS POSREF

DP SYSTEM

ACCOMMODATION

ALL ACCOMMODATION SPACES ARE AIR CONDITIONED C/W ATTACHED WASHROOM THE VESSEL CAN ACCOMMODATE 399 PERSONNEL IN A COMBINATION OF 1, 2 AND 4 MAN CABINS. EACH CABIN IS FULLY EQUIPPED WITH HIGH QUALITY FURNITURE, FIXTURES AND FITTINGS.
 5 X SHIP'S OFFICES COMPLETE FURNISH FOR UP TO 4 PEOPLE EACH.
 A FULLY EQUIPPED GALLEY AND MESS AREA SERVING A SPACIOUS SITTING CAPACITY FOR 146 M EN LOCATED ADJACENT TO THE DRY STORES, FREEZER AND CHILL ROOMS.
 2 WORKSHOPS (1 FWD AND 1 AFT)

ALL COMMERCIAL QUERIES ARE TO BE ADDRESSED TO :

32503 Tamina Road, Bldg. B Magnolia, TX 77354

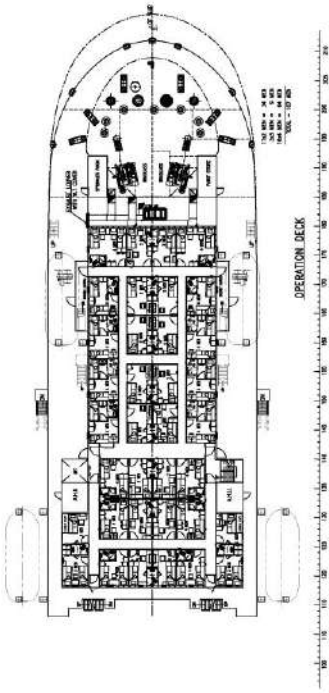
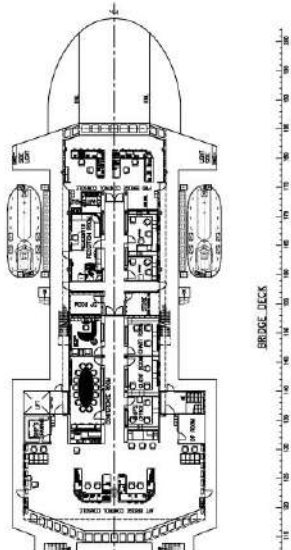
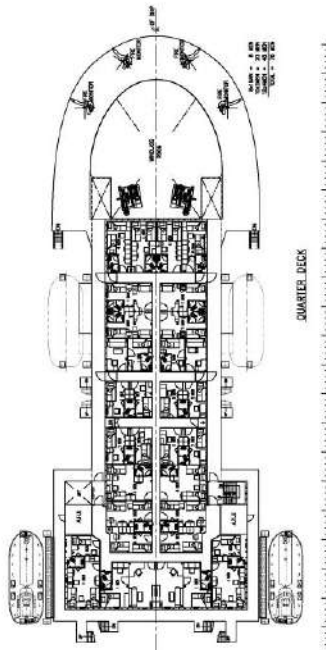
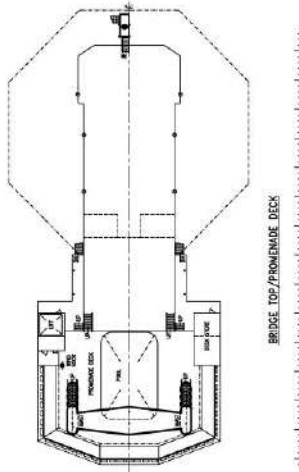
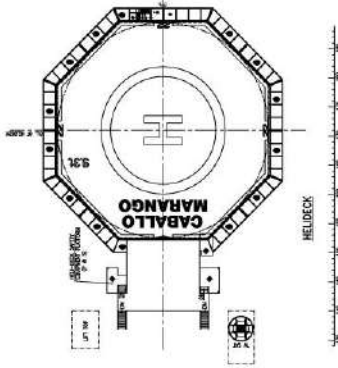
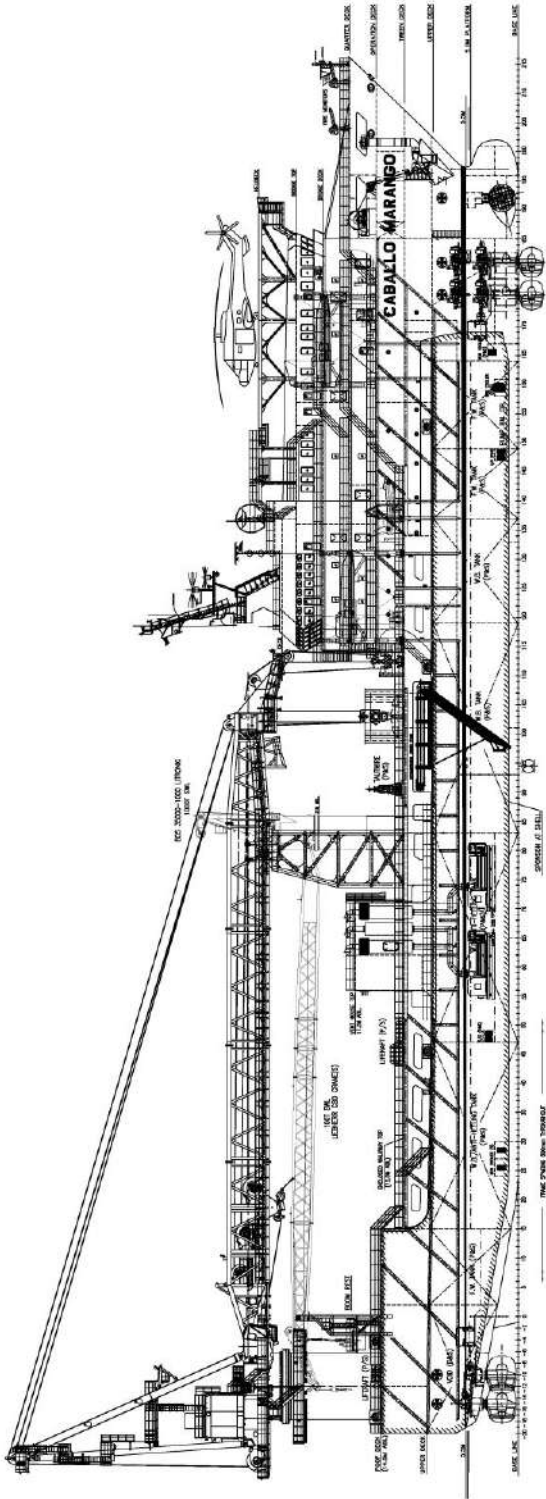
Office: 281-789-7160

estimating@shoreoffshore.com

PRINCIPAL DIMENSIONS

LENGTH O.A.	141.70 M
LENGTH L.W.L.	128.85 M
BREADTH M.L.D.	28.00 M
DEPTH M.L.D. AT AFTER BODY	9.00 M
DESIGN DRAFT	5.50 M
ICE SERVICE DRAFT	MIN. 3.50 M MAX. 5.00 M
COMPLEMENT	389 PERSONS

CLASS: ABS
 #400 - #401, #402, #403, #404, #405, #406, #407, #408, #409, #410, #411, #412, #413, #414, #415, #416, #417, #418, #419, #420, #421, #422, #423, #424, #425, #426, #427, #428, #429, #430, #431, #432, #433, #434, #435, #436, #437, #438, #439, #440, #441, #442, #443, #444, #445, #446, #447, #448, #449, #450, #451, #452, #453, #454, #455, #456, #457, #458, #459, #460, #461, #462, #463, #464, #465, #466, #467, #468, #469, #470, #471, #472, #473, #474, #475, #476, #477, #478, #479, #480, #481, #482, #483, #484, #485, #486, #487, #488, #489, #490, #491, #492, #493, #494, #495, #496, #497, #498, #499, #500, #501, #502, #503, #504, #505, #506, #507, #508, #509, #510, #511, #512, #513, #514, #515, #516, #517, #518, #519, #520, #521, #522, #523, #524, #525, #526, #527, #528, #529, #530, #531, #532, #533, #534, #535, #536, #537, #538, #539, #540, #541, #542, #543, #544, #545, #546, #547, #548, #549, #550, #551, #552, #553, #554, #555, #556, #557, #558, #559, #560, #561, #562, #563, #564, #565, #566, #567, #568, #569, #570, #571, #572, #573, #574, #575, #576, #577, #578, #579, #580, #581, #582, #583, #584, #585, #586, #587, #588, #589, #590, #591, #592, #593, #594, #595, #596, #597, #598, #599, #600, #601, #602, #603, #604, #605, #606, #607, #608, #609, #610, #611, #612, #613, #614, #615, #616, #617, #618, #619, #620, #621, #622, #623, #624, #625, #626, #627, #628, #629, #630, #631, #632, #633, #634, #635, #636, #637, #638, #639, #640, #641, #642, #643, #644, #645, #646, #647, #648, #649, #650, #651, #652, #653, #654, #655, #656, #657, #658, #659, #660, #661, #662, #663, #664, #665, #666, #667, #668, #669, #670, #671, #672, #673, #674, #675, #676, #677, #678, #679, #680, #681, #682, #683, #684, #685, #686, #687, #688, #689, #690, #691, #692, #693, #694, #695, #696, #697, #698, #699, #700, #701, #702, #703, #704, #705, #706, #707, #708, #709, #710, #711, #712, #713, #714, #715, #716, #717, #718, #719, #720, #721, #722, #723, #724, #725, #726, #727, #728, #729, #730, #731, #732, #733, #734, #735, #736, #737, #738, #739, #740, #741, #742, #743, #744, #745, #746, #747, #748, #749, #750, #751, #752, #753, #754, #755, #756, #757, #758, #759, #760, #761, #762, #763, #764, #765, #766, #767, #768, #769, #770, #771, #772, #773, #774, #775, #776, #777, #778, #779, #780, #781, #782, #783, #784, #785, #786, #787, #788, #789, #790, #791, #792, #793, #794, #795, #796, #797, #798, #799, #800, #801, #802, #803, #804, #805, #806, #807, #808, #809, #810, #811, #812, #813, #814, #815, #816, #817, #818, #819, #820, #821, #822, #823, #824, #825, #826, #827, #828, #829, #830, #831, #832, #833, #834, #835, #836, #837, #838, #839, #840, #841, #842, #843, #844, #845, #846, #847, #848, #849, #850, #851, #852, #853, #854, #855, #856, #857, #858, #859, #860, #861, #862, #863, #864, #865, #866, #867, #868, #869, #870, #871, #872, #873, #874, #875, #876, #877, #878, #879, #880, #881, #882, #883, #884, #885, #886, #887, #888, #889, #890, #891, #892, #893, #894, #895, #896, #897, #898, #899, #900, #901, #902, #903, #904, #905, #906, #907, #908, #909, #910, #911, #912, #913, #914, #915, #916, #917, #918, #919, #920, #921, #922, #923, #924, #925, #926, #927, #928, #929, #930, #931, #932, #933, #934, #935, #936, #937, #938, #939, #940, #941, #942, #943, #944, #945, #946, #947, #948, #949, #950, #951, #952, #953, #954, #955, #956, #957, #958, #959, #960, #961, #962, #963, #964, #965, #966, #967, #968, #969, #970, #971, #972, #973, #974, #975, #976, #977, #978, #979, #980, #981, #982, #983, #984, #985, #986, #987, #988, #989, #990, #991, #992, #993, #994, #995, #996, #997, #998, #999, #1000



AS BUILT
16.11.12

No.	Name	Date	Drawn by	Checked by	Scale
1					
2					
3					
4					

DESIGN OF MARINE STRUCTURE
 CABALLO MARANGO
 390 INDEPENDENCE ROAD #304-04
 SAN JOSE, PANAMA
 Email: info@caballomarango.com
 Tel: +507 3033 3333
 Fax: +507 3033 3333
 Project: CABALLO MARANGO
 Scale: 1:1250
 Title: GENERAL ARRANGEMENT
 Date: 16.11.12
 Drawn by: [Name]
 Checked by: [Name]
 Scale: 1:1250
 Title: GENERAL ARRANGEMENT
 Date: 16.11.12

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