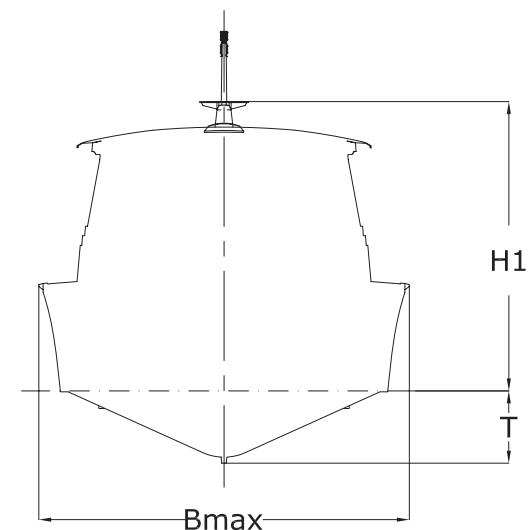
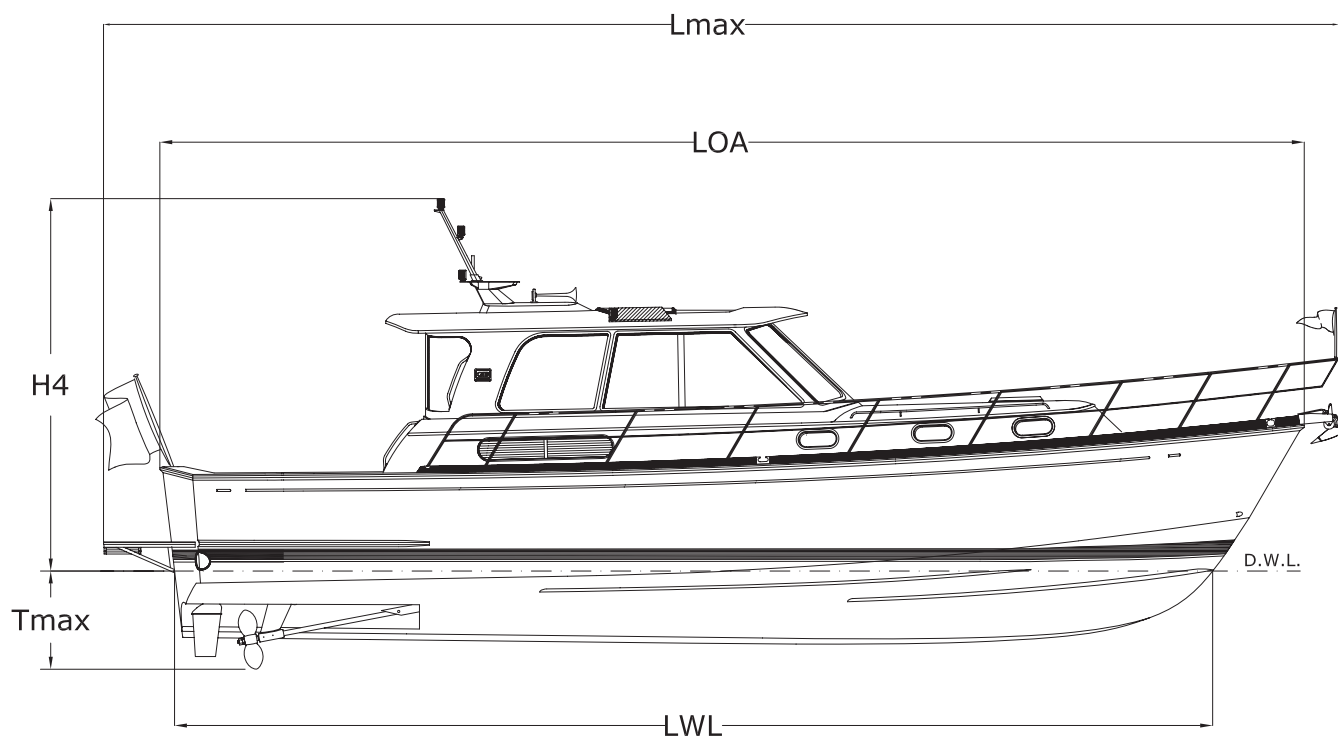




Grand Banks 45 Eastbay SX



STANDARD SPECIFICATIONS

Max Length (Lmax):	15.15 m	(49' 9")
Length Overall (LOA):	14.15 m	(46' 5")
Length Waterline (LWL):	12.73 m	(41' 9")
Max Beam (Bmax):	4.43 m	(14' 7")
T (half load):	1.19 m	(3' 11")
Displacement (no load):	17,117 Kg	(37,735 lbs)
Displacement (half load):	19,381 Kg	(42,726 lbs)
Displacement (full load):	20,004 Kg	(44,100 lbs)

Water Tank Capacity:	549 Liters	(145 US gals)
Fuel Tank Capacity:	1,938 Liters	(512 US gals)
Black Water Capacity:	106 Liters	(28 US gals)
Grey Water Capacity:	n/a	n/a

H1 (DWL to Housetop):	3.23 m	(10' 7")
H2 (DWL to top Windshield):	n/a	n/a
H3 (DWL to Bridge Top w/o Windshield):	n/a	n/a
H4 (DWL to Top of Mast):	4.32 m	14' 2"
H5 (Bottom of Cradle to DWL):	1.52 m	5' 0"

ENGINE PERFORMANCE

2X (OPT #1)	Cummins QSC8.3 @ 500 HP
Max. Speed:	27.9 kn
Cruise Speed:	21.7 kn
2X (OPT #2)	Cummins QSC8.3 @ 550 HP
Max. Speed:	29.2 kn
Cruise Speed:	24 kn

2X (OPT #3)	Cummins QSC8.3 @ 600 HP
Max. Speed:	30.9 kn
Cruise Speed:	25.5 kn
2X (STD)	CAT C9 Acert @ 567 HP
Max. Speed:	30 kn
Cruise Speed:	23.5 kn



Color Renderings

Note: All figures preliminary and subject to change
based on sea trial performance and adjustments.



45 Eastbay SX \ Outboard Profile



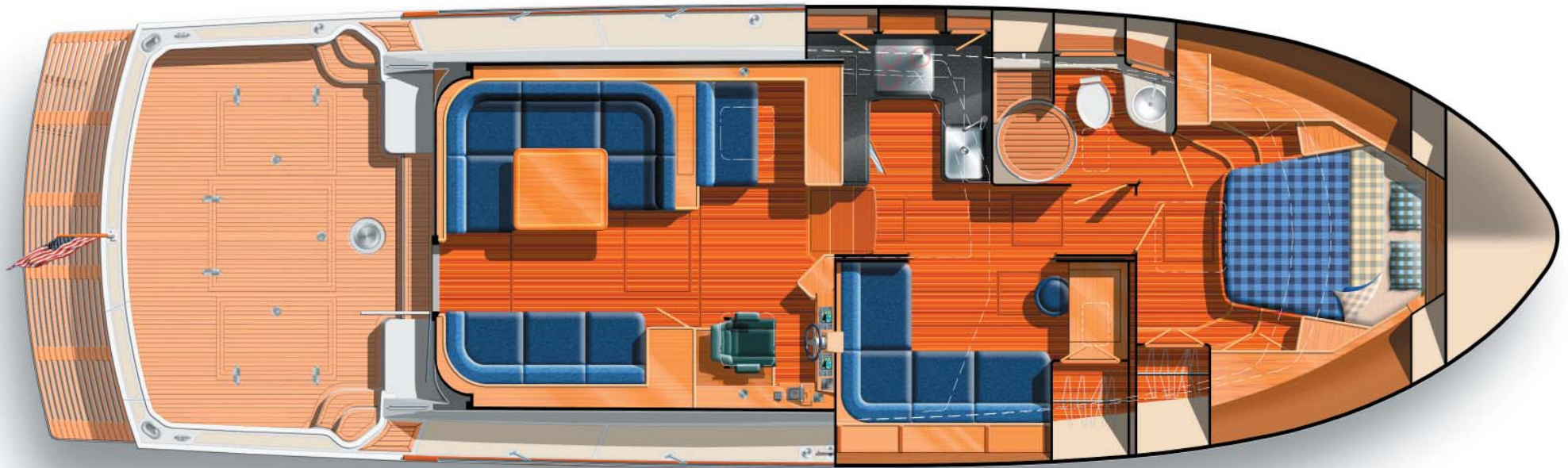
45 Eastbay SX \ Deck Layout



45 Eastbay SX \ Standard Layout \ S01, F01



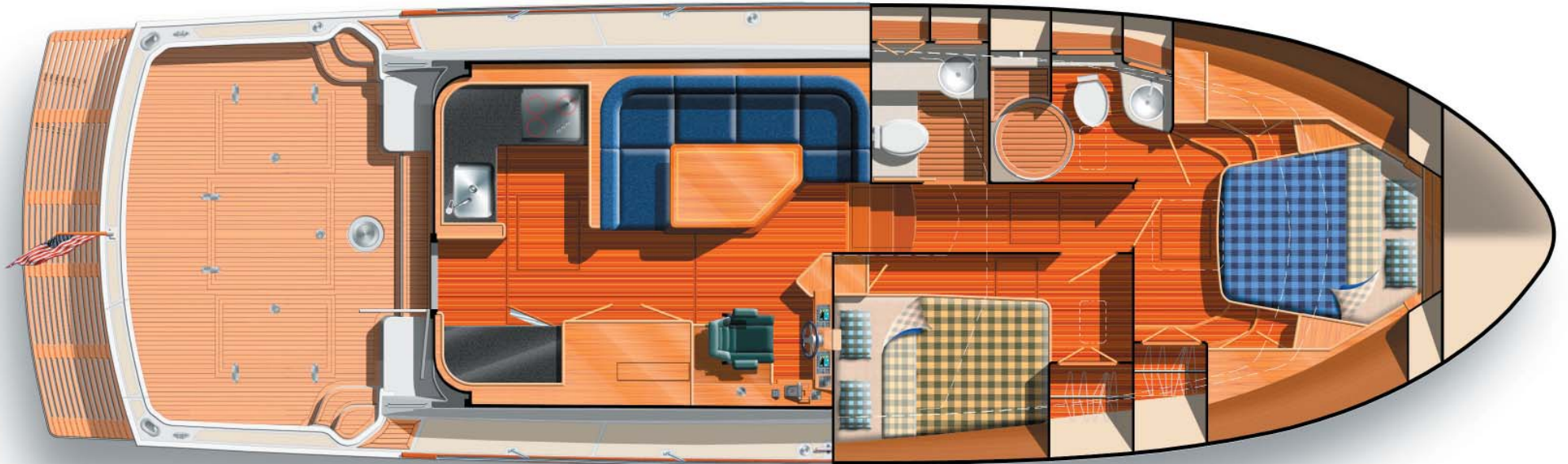
45 Eastbay SX \ Optional Layout \ S01, F02



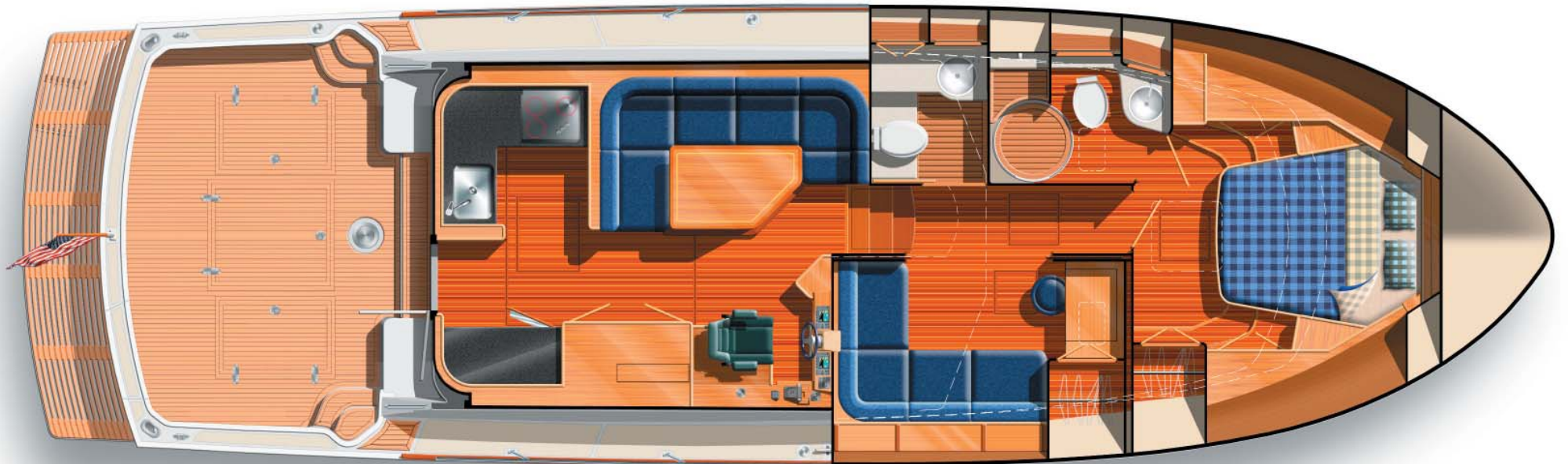
45 Eastbay SX \ Optional Layout \ S01, F03



45 Eastbay SX \ Optional Layout \ S02, F04



45 Eastbay SX \ Optional Layout \ S02, F05

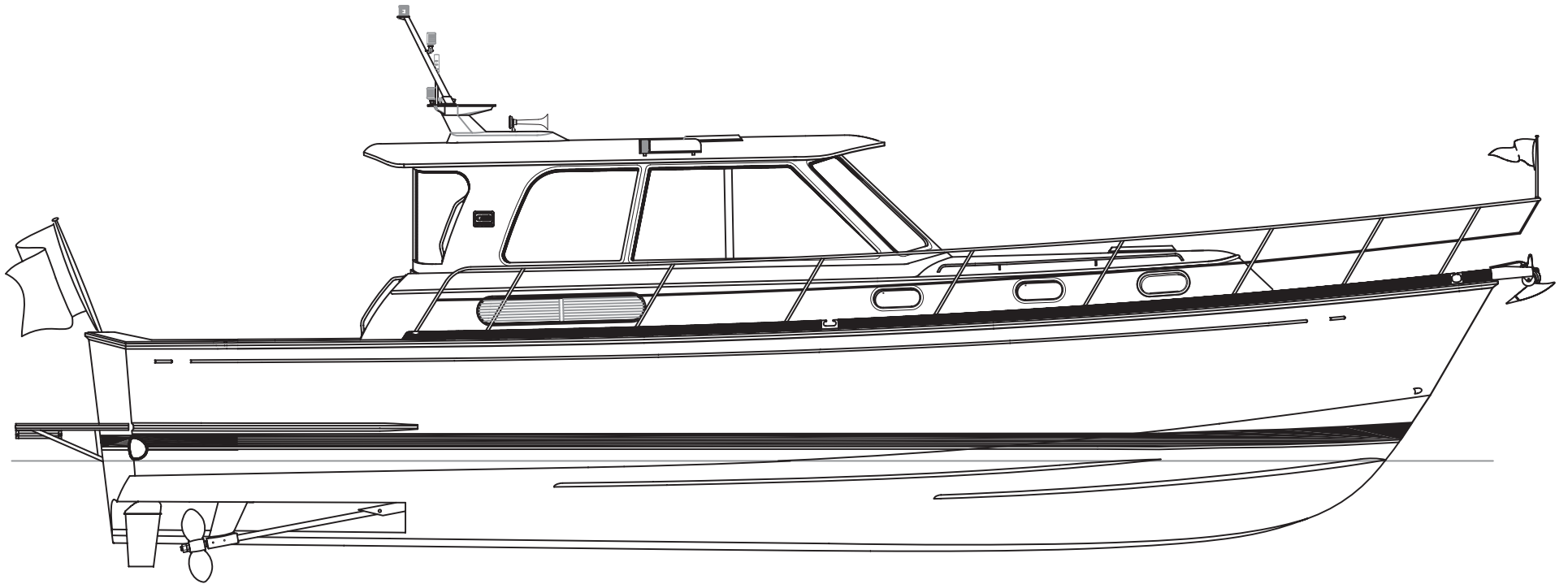


45 Eastbay SX \ Optional Layout \ S02, F06

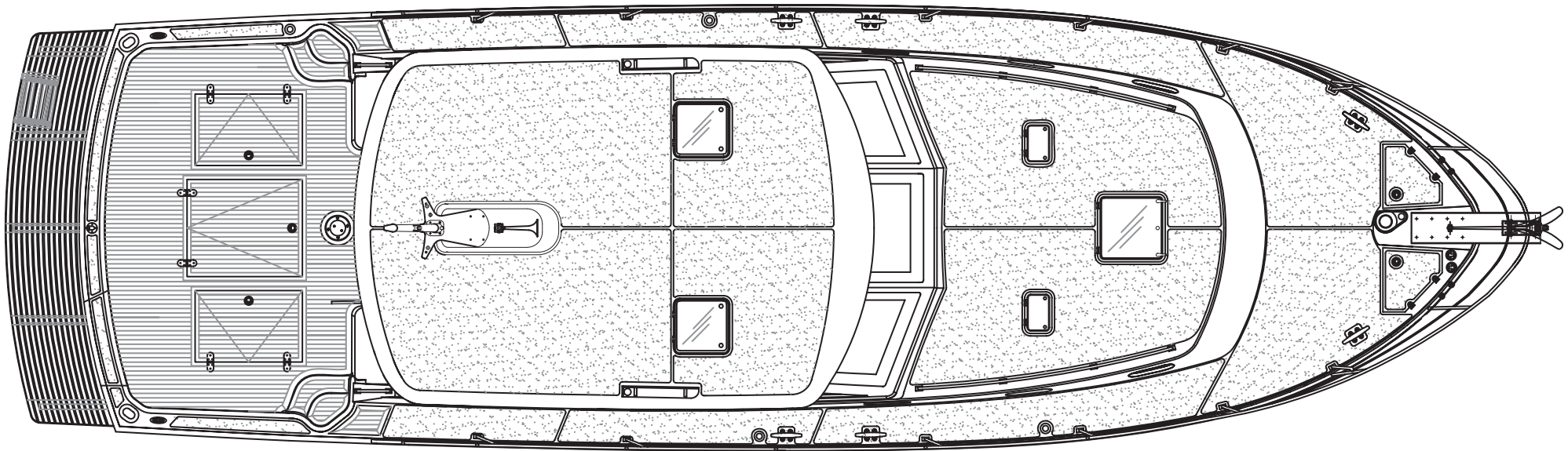


Black & White CAD Drawings

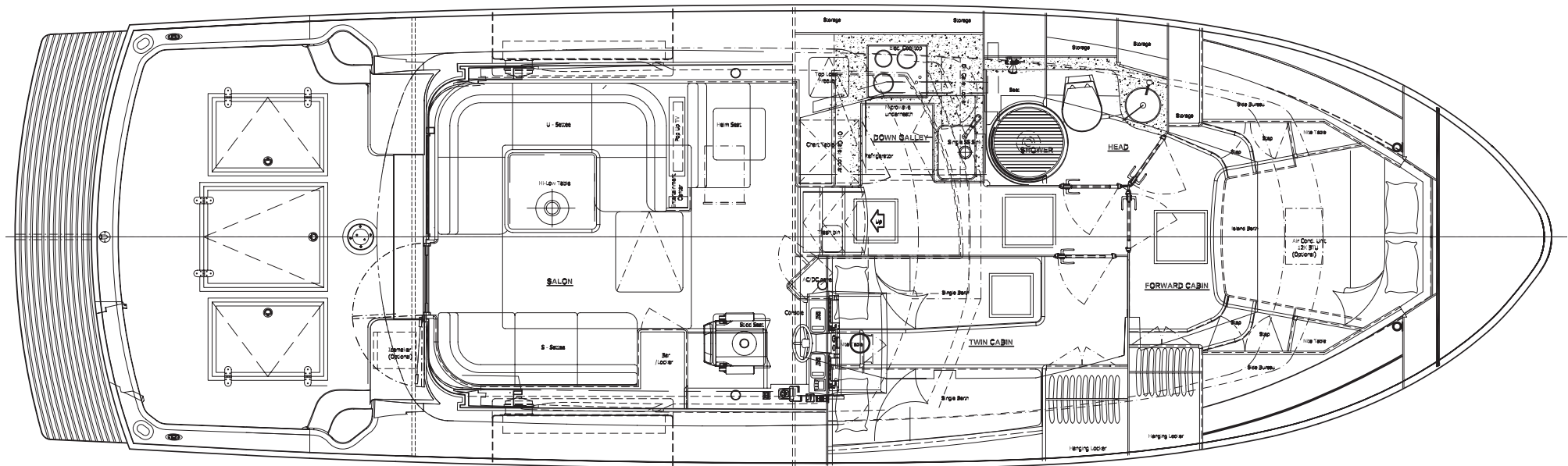
Note: All figures preliminary and subject to change
based on sea trial performance and adjustments.



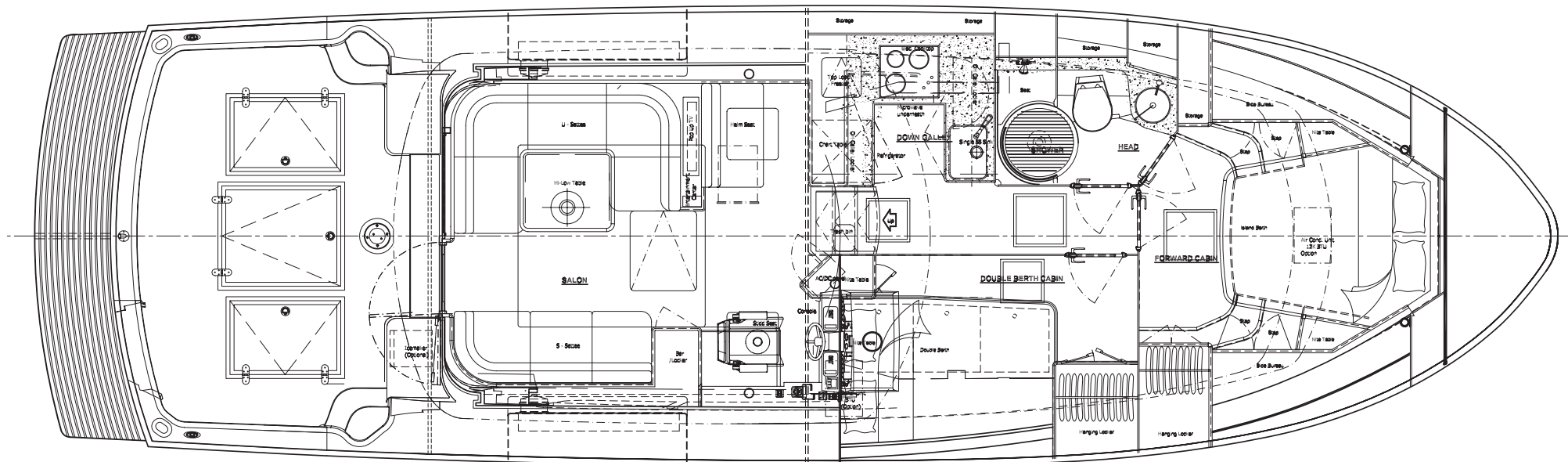
45 Eastbay SX \ Outboard Profile



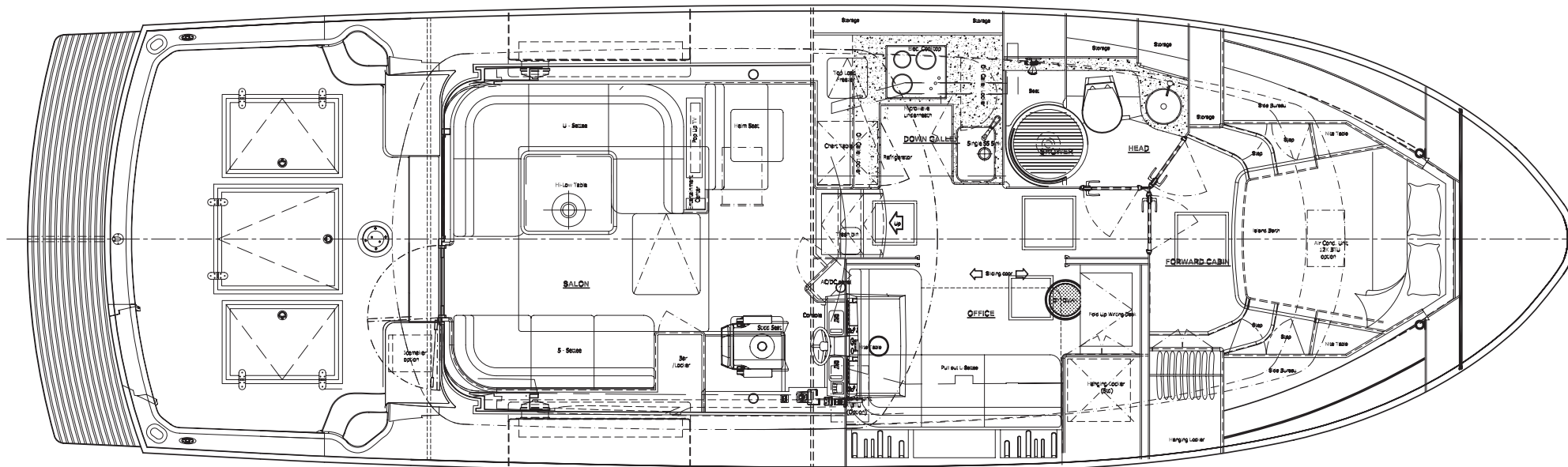
45 Eastbay SX \ Deck Layout



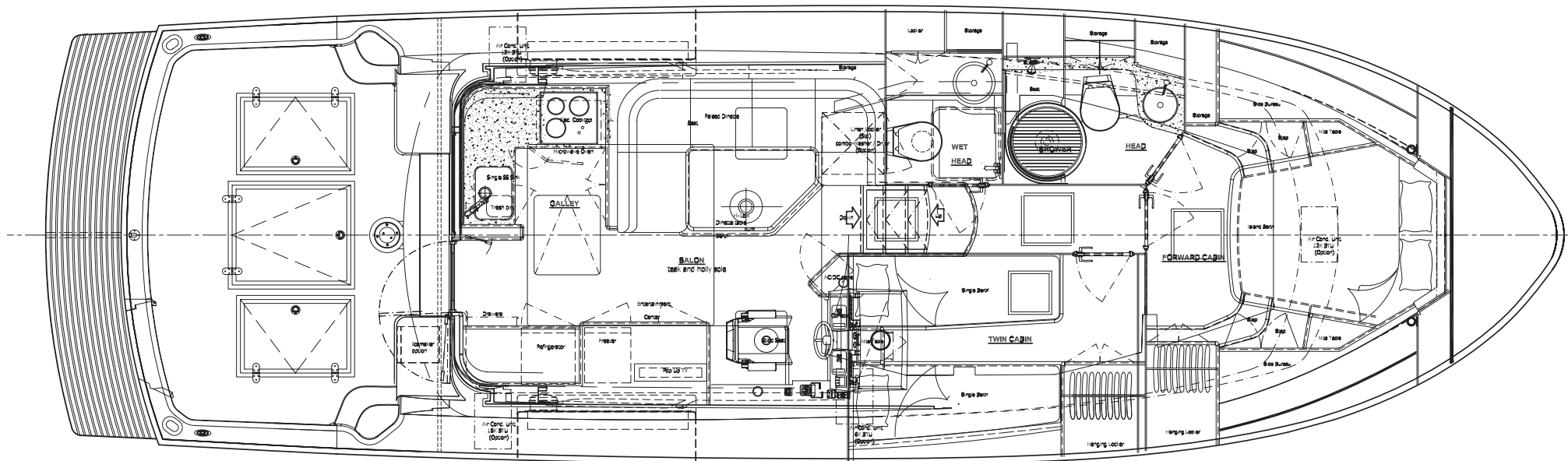
45 Eastbay SX \ Standard Layout \ S01, F01



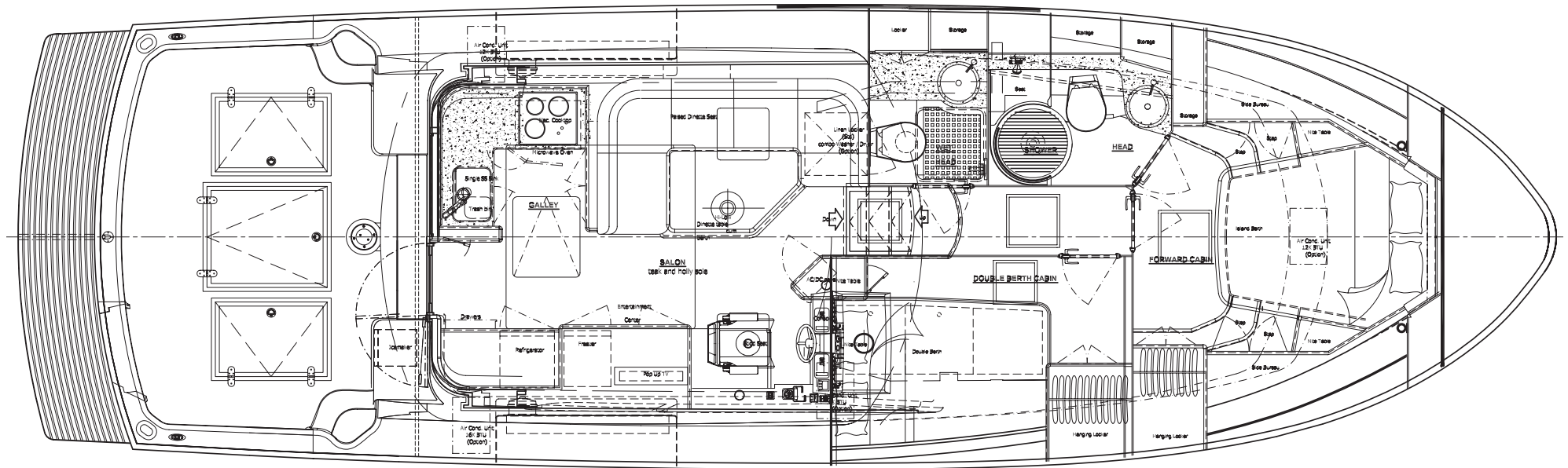
45 Eastbay SX \ Optional Layout \ S01, F02



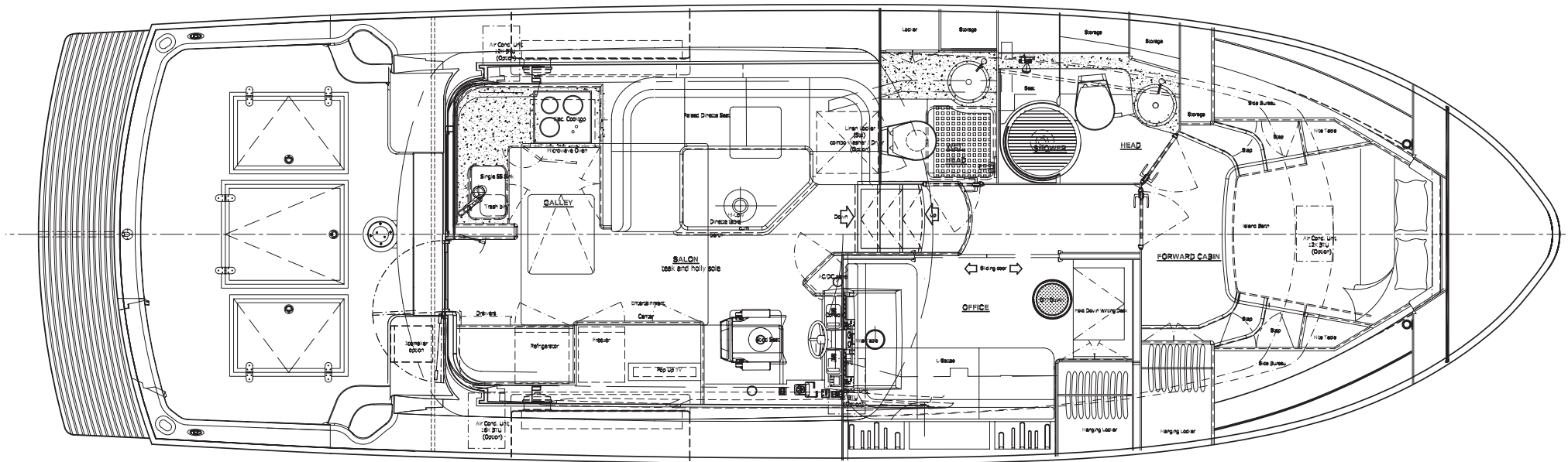
45 Eastbay SX \ Optional Layout \ S01, F03



45 Eastbay SX \ Optional Layout \ S02, F04

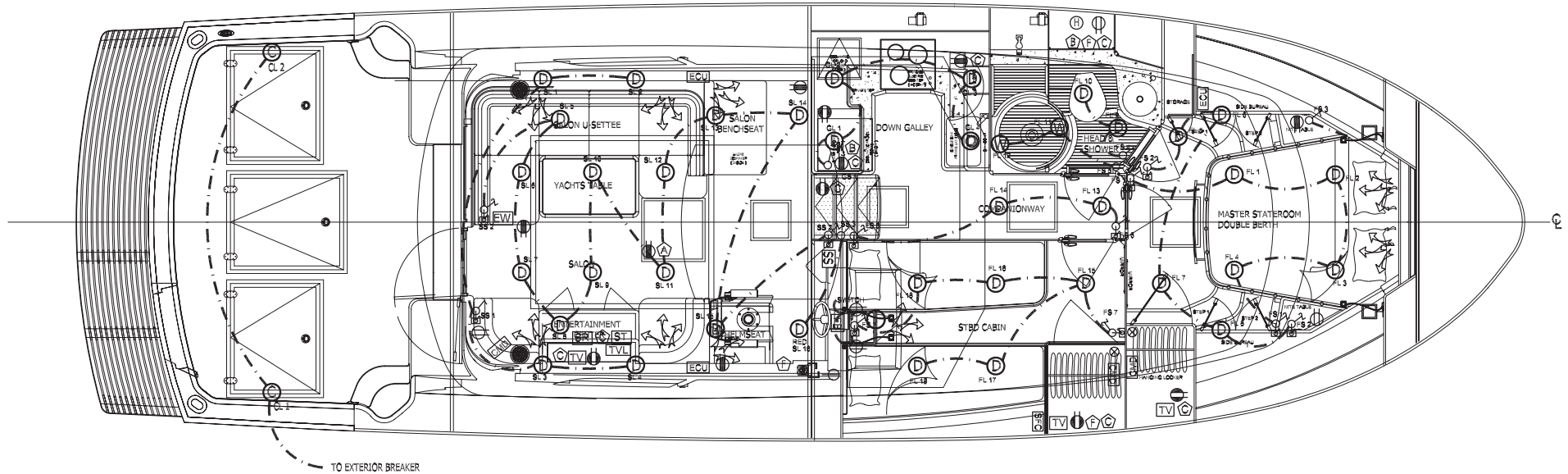


45 Eastbay SX \ Optional Layout \ S02, F05



45 Eastbay SX \ Optional Layout \ S02, F06

GB
GRAND BANKS.



	SINGLE WAY SWITCH - 6 pcs	SL	SALON LIGHT		WALTER SERIES LIGHT - 2 pcs		12V DC OUTLET - 4 pcs		SUNROOF SWITCH		SATELLITE RECEIVER - 1 pc		GFCI / ELCB - 3 pcs
	TWO WAY SWITCH - 10 pcs	SS	SALON SWITCHES		DAVID SERIES LIGHT - 36 pcs		2P-15A DOUBLE SOCKET - 2 pcs		FIREBOY - 1 pc		ELECTRIC WINDOW SWITCH		AT ENGINE ROOM
	DIMMER SWITCH - 11 pcs	GS	GALLEY SWITCHES		DAVID SERIES LIGHT (RED) - 1 pc		2P-15A SINGLE SOCKET - 8 pcs		ENVIRONMENTAL CONTROL UNIT - 3 pcs		HATCH LIFTER SWITCH		VACU/ELECT. HEAD SWITCH - 1 pc
	BERTH READING LIGHTS - 6 pcs	GL	GALLEY LIGHT		COURTESY LIGHT - 2 pcs		SINGLE SOCKET (FOR APPLIANCE) - 5 pcs		CARBON MONOXIDE DETECTOR - 3 pcs		NILES CMSHD - 1 pair		AIR-COND OUTLET
FL	FWD LIGHT	CL	COURTESY LIGHT		ROBE LIGHT		TV OUTLET - 3 pcs		SLAVE FAN CONTROL - 1 pc		VENT SWITCH - 2 pcs		NIGHT FEATURE LIGHT - 2 pcs
FS	FWD SWITCHES		PERKO HANGING LOCKER LIGHT - 2 pcs		LED STRIP LIGHT		TV LIFT SWITCH - 1 pc		STEREO SYSTEM - (PIONEER) - 1 pc		UNDER/INSIDE LOCKER		

45 Eastbay SX \ Lighting & Receptacle Plan



ENGINE PERFORMANCE CURVES

Note: All figures preliminary and subject to change
based on sea trial performance and adjustments.

CUMMINS QSC8.3 @ 500 HP

Speed v. Range

Fuel Consumption

CUMMINS QSC8.3 @ 550 HP

Speed v. Range

Fuel Consumption

CUMMINS QSC8.3 @ 600 HP

Speed v. Range

Fuel Consumption

CAT C-9 ACERT @ 567 HP

Speed v. Range

Fuel Consumption



Cummins QSC8.3 - 500 HP

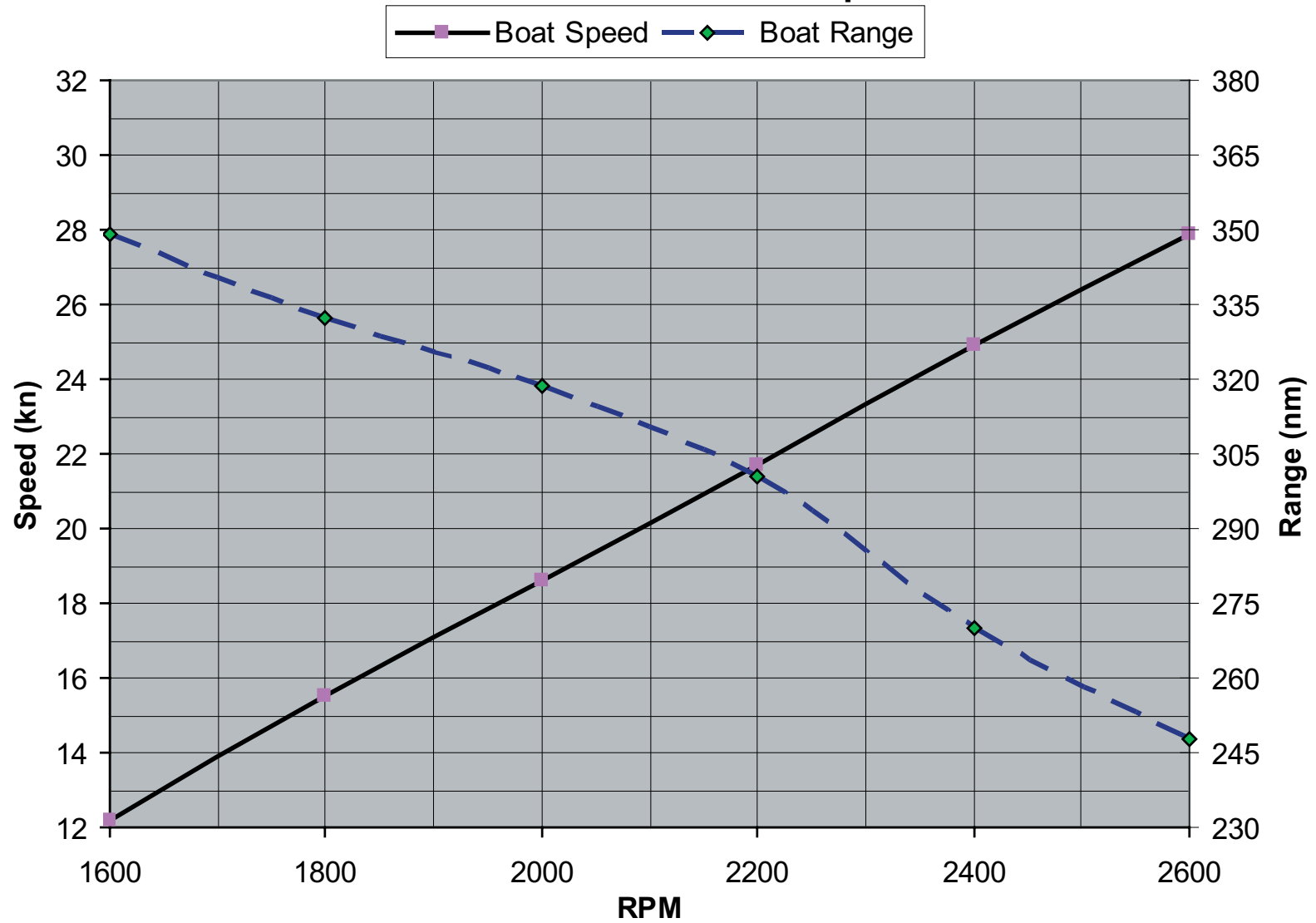
Main Engines (Standard):		Twin Cummins QSC8.3 500hp		
Power:		2 x 493 BHP @ 2600 rpm		
Gear Boxes:		ZF 286A		
Gear Ratio:		2.392:1		
Propellers:		29"(D) x 36.0"(P) x 5(B) x 0.80(DAR)		
Gen Set	Power:	9	Kw	
	Fuel Rate (Half load):	0.5	USG/Hr	
Water Tank Capacity:		145	USG	
Fuel Tank Capacity:		512	USG	
People on Board:		10		
Displacement (Half load):		42,726	lbs	(50% fuel & water)
Maximum Speed:		27.9	Kts	
Cruise Speed:		21.7	Kts	@ 2200 rpm
Cruise Range:		300	nm	@ 2200 rpm
Engine Speed	Boat Speed	Fuel Rate /Engine	Total Fuel Consumption	Boat Range
(RPM)	(Kts)	(USG/Hr)	(USG/nm)	(nm)
1600	12.20	7.80	1.32	349
1800	15.50	10.50	1.39	332
2000	18.60	13.20	1.45	319
2200	21.70	16.40	1.53	300
2400	24.90	21.00	1.71	270
2600	27.90	25.70	1.86	248
				Cruise Speed
				Max. Speed

Note:

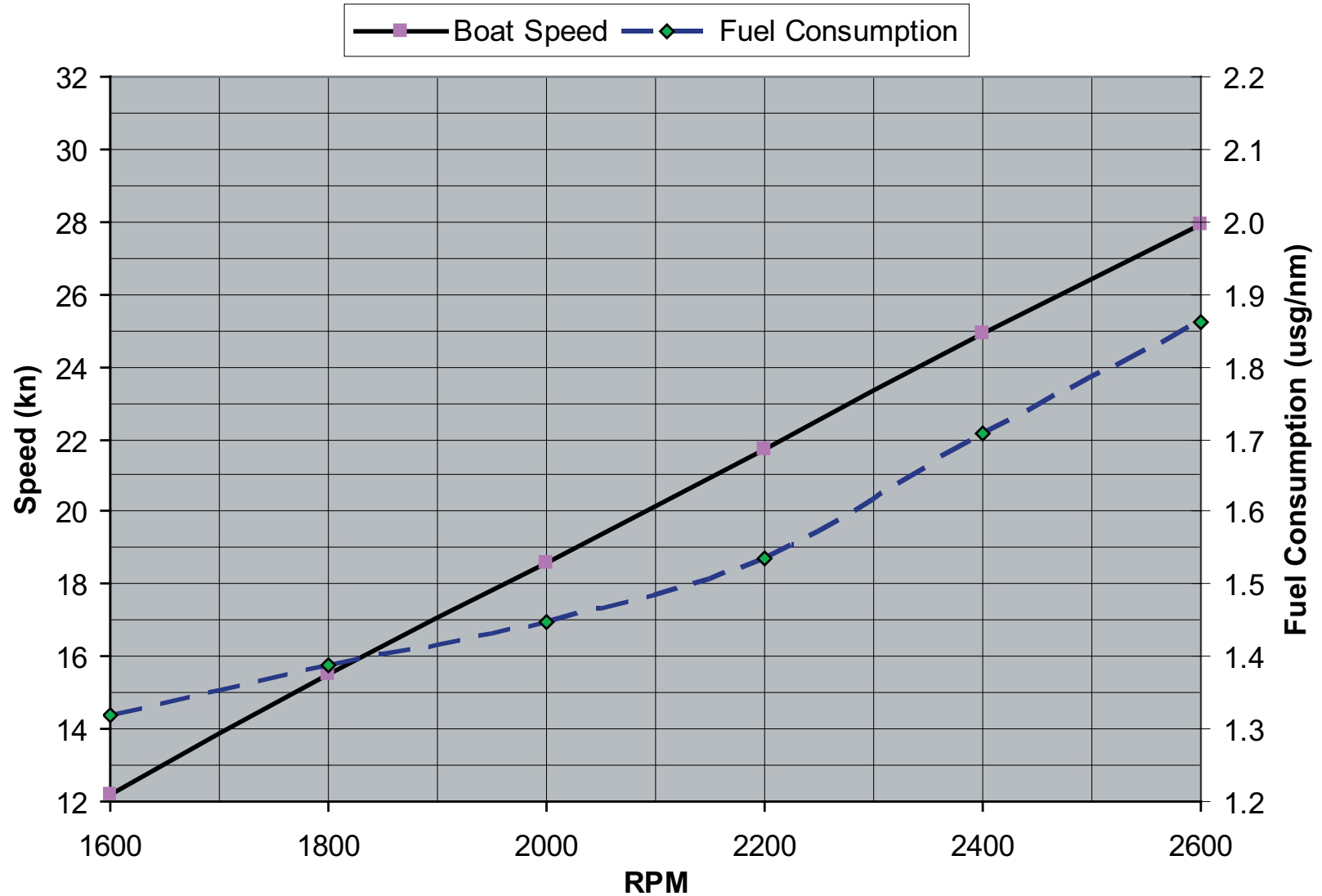
- 1). Speed is only estimated at half load.
- 2). Fuel rate is based on the propeller performance's data.
- 3). Total fuel consumption=Main Engine(s) consumption+Gen set consumption.
- 4). Range calculated with considering 90% of total fuel capacity with generator running for the entire duration.
- 5). The figure stated above is the best estimates and will no guarentee repetable performance



Speed & Range Curves for CUM QSC8.3 500hp



Speed & Fuel Consumption Curves for CUM QSC8.3 500hp





Cummins QSB8.3 - 550 HP

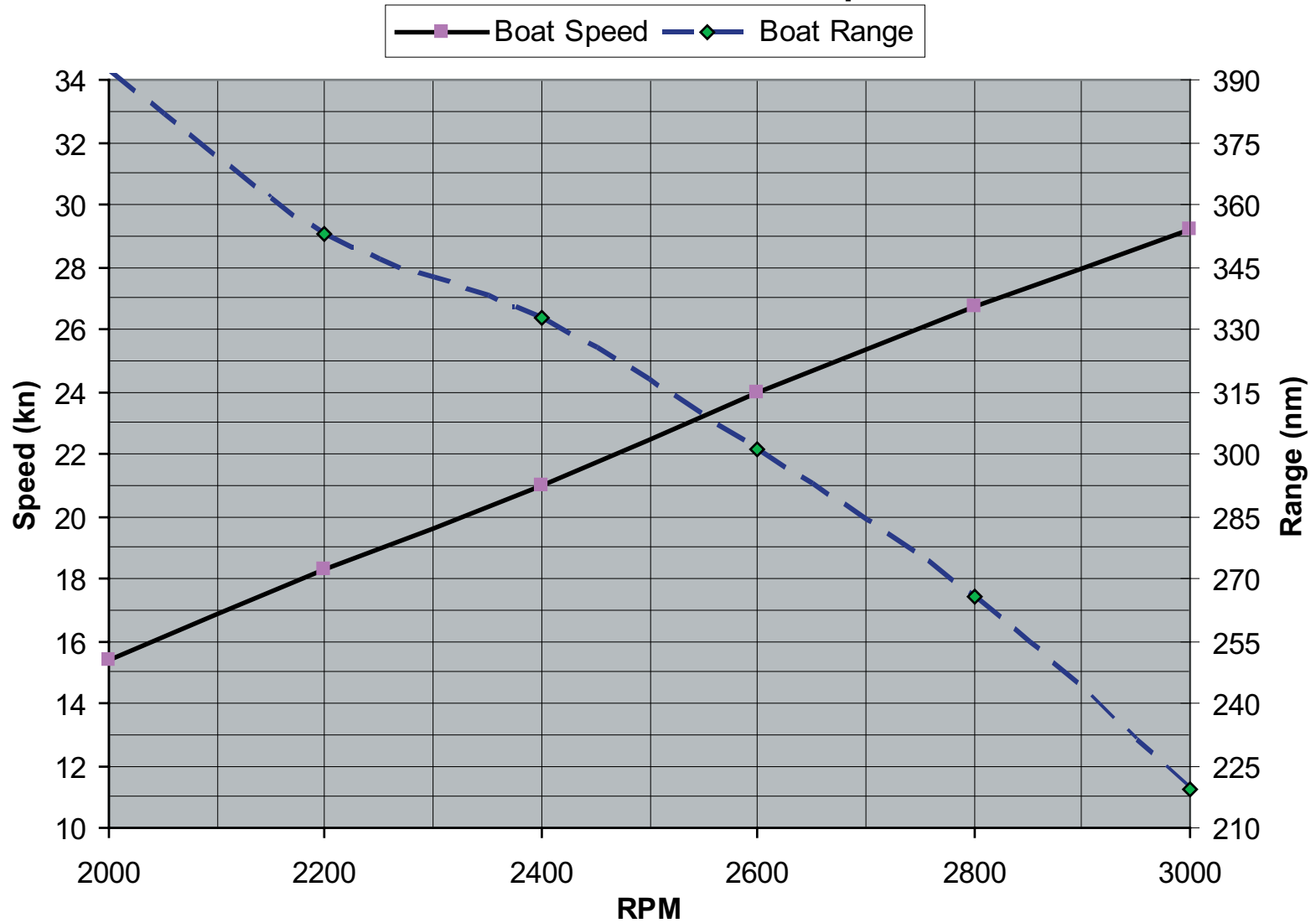
Main Engines (Optional):		Twin Cummins QSC8.3 550hp		
Power:		2 x 542 BHP @ 3000 rpm		
Gear Boxes:		ZF 286A		
Gear Ratio:		2.392:1		
Propellers:		29"(D) x 31.5"(P) x 5(B) x 0.80(DAR)		
Gen Set	Power:	9	Kw	
	Fuel Rate (Half load):	0.5	USG/Hr	
Water Tank Capacity:		145	USG	
Fuel Tank Capacity:		512	USG	
People on Board:		10		
Displacement (Half load):		42,726	lbs	(50% fuel & water)
Maximum Speed:		29.2	Kts	
Cruise Speed:		24.0	Kts	@ 2600 rpm
Cruise Range:		301	nm	@ 2600 rpm
Engine Speed	Boat Speed	Fuel Rate /Engine	Total Fuel Consumption	Boat Range
(RPM)	(Kts)	(USG/Hr)	(USG/nm)	(nm)
2000	15.40	8.80	1.18	392
2200	18.30	11.70	1.31	353
2400	21.00	14.30	1.39	333
2600	24.00	18.10	1.53	301
2800	26.70	22.90	1.73	266
3000	29.20	30.40	2.10	220
				Cruise Speed
				Max. Speed

Note:

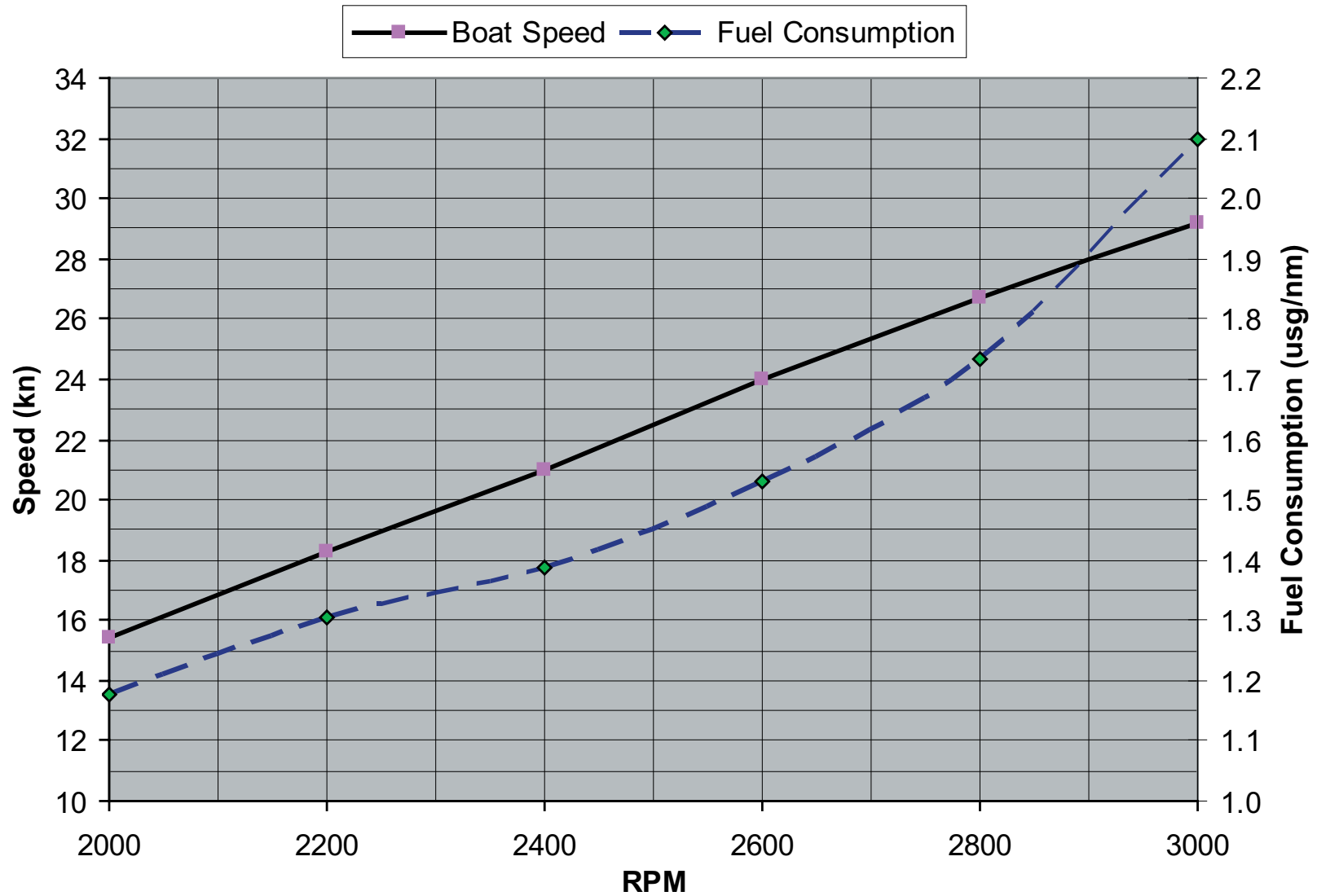
- 1). Speed is only estimated at half load.
- 2). Fuel rate is based on the propeller performance's data.
- 3). Total fuel consumption=Main Engine(s) consumption+Gen set consumption.
- 4). Range calculated with considering 90% of total fuel capacity with generator running for the entire duration.
- 5). The figure stated above is the best estimates and will no guarentee repetable performance



Speed & Range Curves for CUM QSC8.3 550hp



Speed & Fuel Consumption Curves for CUM QSC8.3 550hp





Cummins QSC8.3 - 600 HP

Main Engines (Optional): Twin Cummins QSC8.3 600hp
 Power: 2 x 593 BHP @ 3000 rpm
 Gear Boxes: ZF 286A
 Gear Ratio: 2.392:1
 Propellers: 29"(D) x 33.5"(P) x 5(B) x 0.80(DAR)

Gen Set Power: 9 Kw
 Fuel Rate (Half load): 0.5 USG/Hr

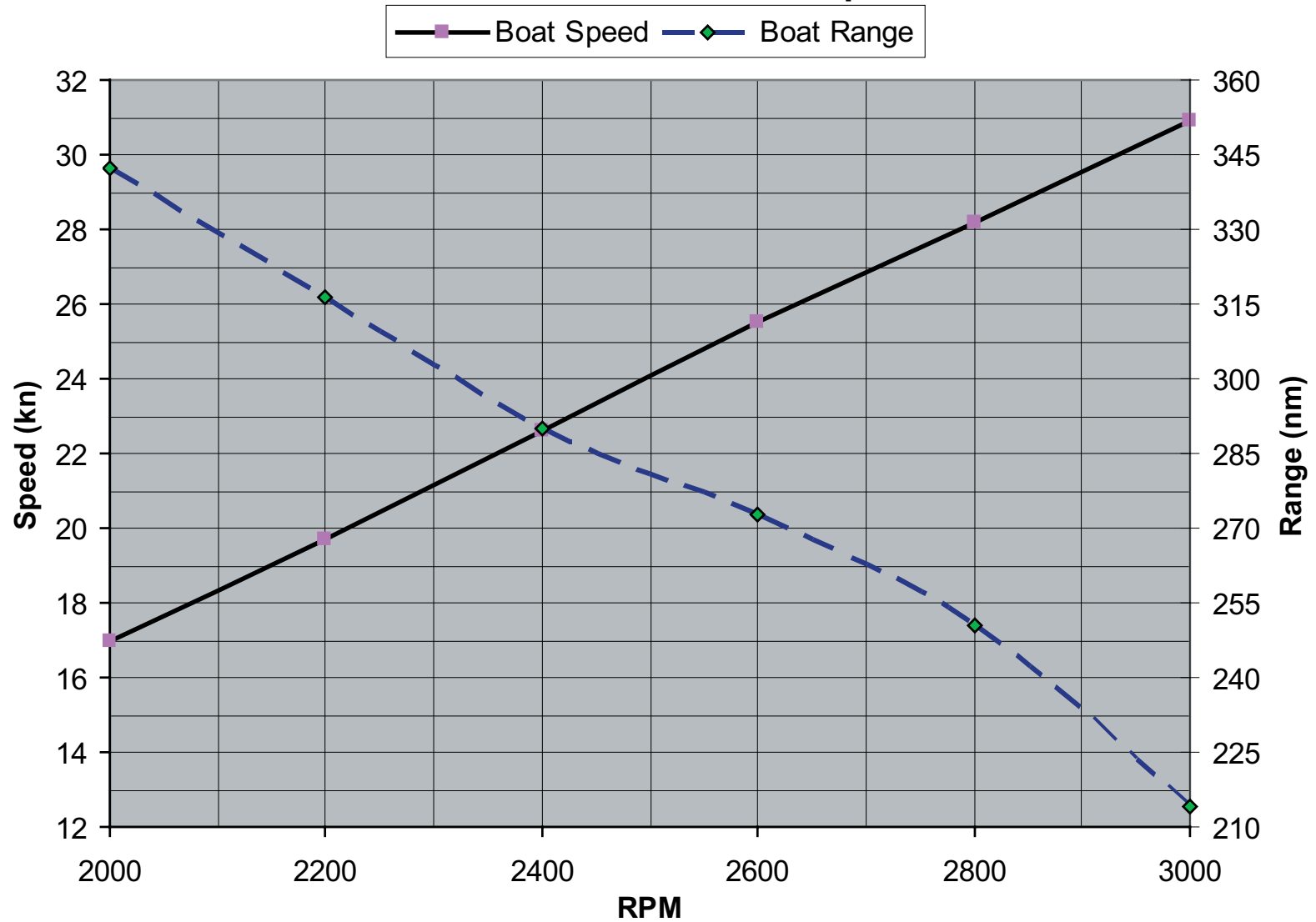
Water Tank Capacity: 145 USG
 Fuel Tank Capacity: 512 USG
 People on Board: 10
 Displacement (Half load): 42,726 lbs (50% fuel & water)
 Maximum Speed: 30.9 Kts
 Cruise Speed: 25.5 Kts @ 2600 rpm
 Cruise Range: 273 nm @ 2600 rpm

Engine Speed (RPM)	Boat Speed (Kts)	Fuel Rate /Engine (USG/Hr)	Total Fuel Consumption (USG/nm)	Boat Range (nm)	
2000	17.00	11.20	1.35	342	
2200	19.70	14.10	1.46	316	
2400	22.60	17.70	1.59	290	
2600	25.50	21.30	1.69	273	Cruise Speed
2800	28.20	25.70	1.84	250	
3000	30.90	33.00	2.15	214	Max. Speed

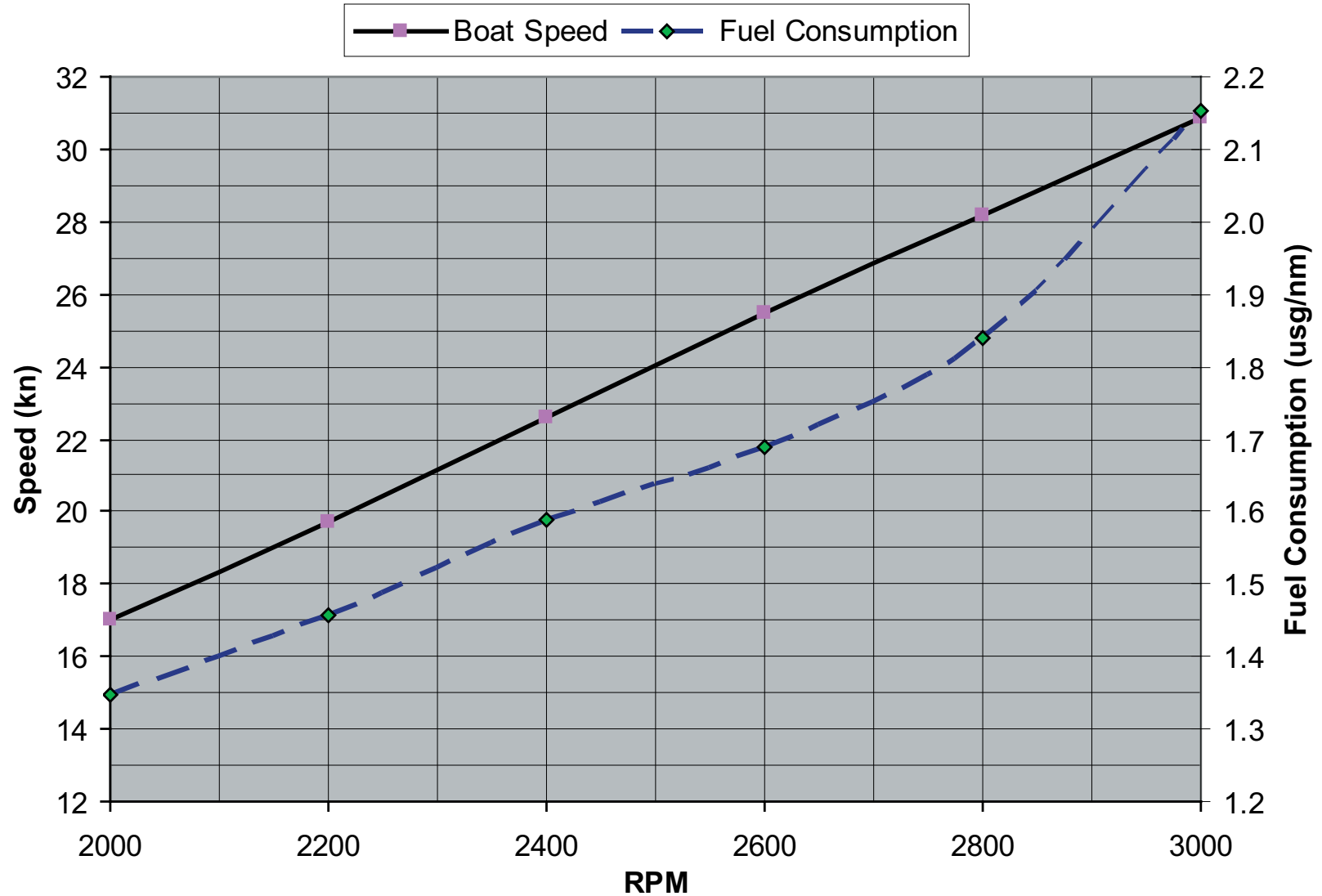
Note:

- 1). Speed is only estimated at half load.
- 2). Fuel rate is based on the propeller performance's data.
- 3). Total fuel consumption=Main Engine(s) consumption+Gen set consumption.
- 4). Range calculated with considering 90% of total fuel capacity with generator running for the entire duration.
- 5). The figure stated above is the best estimates and will no guarentee repetable performance

Speed & Range Curves for CUM QSC8.3 600hp



Speed & Fuel Consumption Curves for CUM QSC8.3 600hp





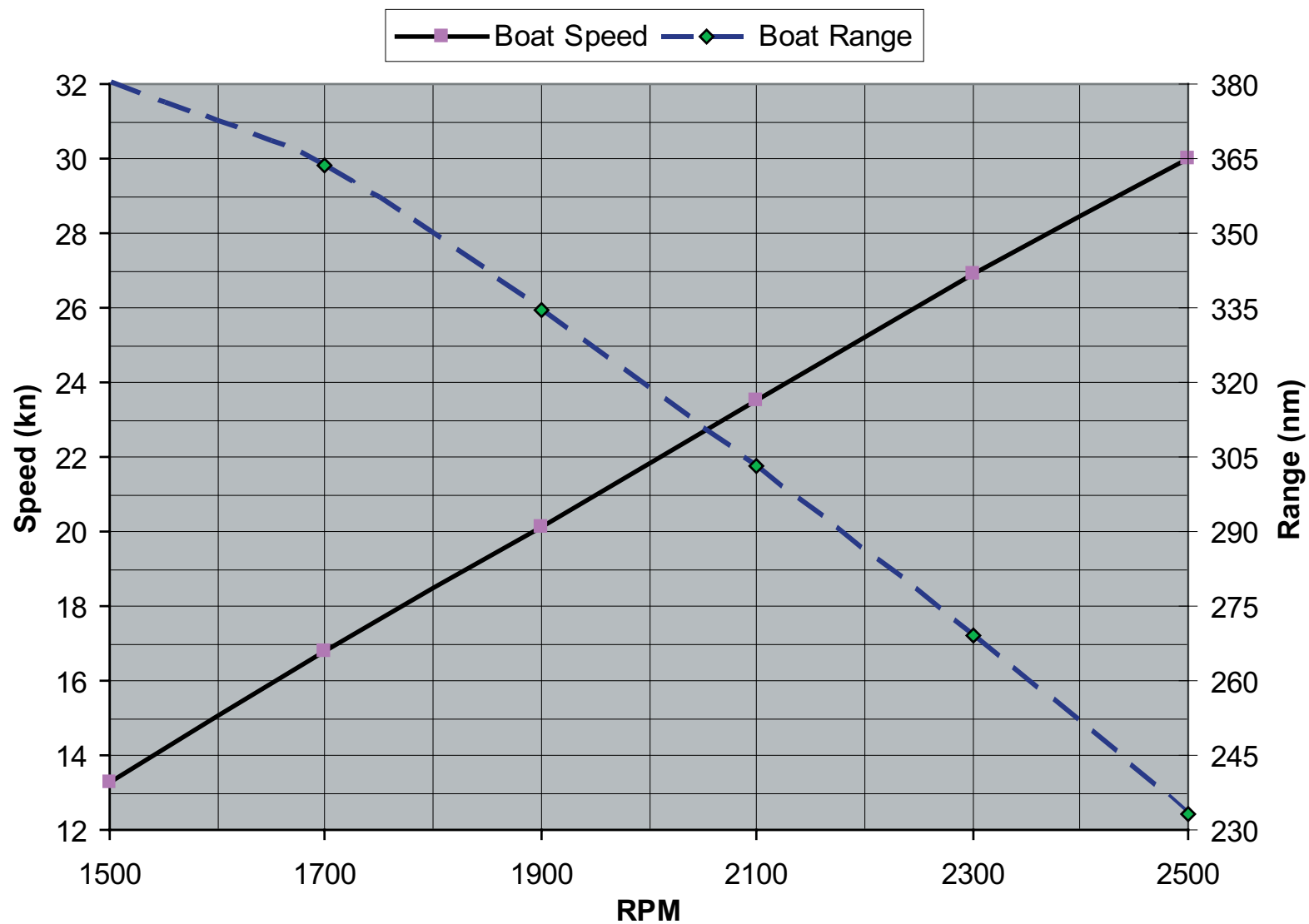
Caterpillar C-9 ACERT - 567 HP

Main Engines (Optional):		Twin Caterpillar C9-Acert		
Power:		2 x 567 BHP @ 2500 rpm		
Gear Boxes:		ZF 305A		
Gear Ratio:		1.967:1		
Propellers:		29"(D) x 32.5"(P) x 5(B) x 0.80(DAR)		
Gen Set	Power:	9	Kw	
	Fuel Rate (Half load):	0.5	USG/Hr	
Water Tank Capacity:		145	USG	
Fuel Tank Capacity:		512	USG	
People on Board:		10		
Displacement (Half load):		42,726	lbs	(50% fuel & water)
Maximum Speed:		30.0	Kts	
Cruise Speed:		23.5	Kts	@ 2100 rpm
Cruise Range:		303	nm	@ 2100 rpm
Engine Speed	Boat Speed	Fuel Rate /Engine	Total Fuel Consumption	Boat Range
(RPM)	(Kts)	(USG/Hr)	(USG/nm)	(nm)
1500	13.30	7.80	1.21	381
1700	16.80	10.40	1.27	363
1900	20.10	13.60	1.38	334
2100	23.50	17.60	1.52	303
2300	26.90	22.80	1.71	269
2500	30.00	29.40	1.98	233
				Cruise Speed
				Max. Speed

Note:

- 1). Speed is only estimated at half load.
- 2). Fuel rate is based on the propeller performance's data.
- 3). Total fuel consumption=Main Engine(s) consumption+Gen set consumption.
- 4). Range calculated with considering 90% of total fuel capacity with generator running for the entire duration.
- 5). The figure stated above is the best estimates and will no guarentee repetable performance

Speed & Range Curves for CAT C9-Acert



Speed & Fuel Consumption Curves for CAT C9-Acert

