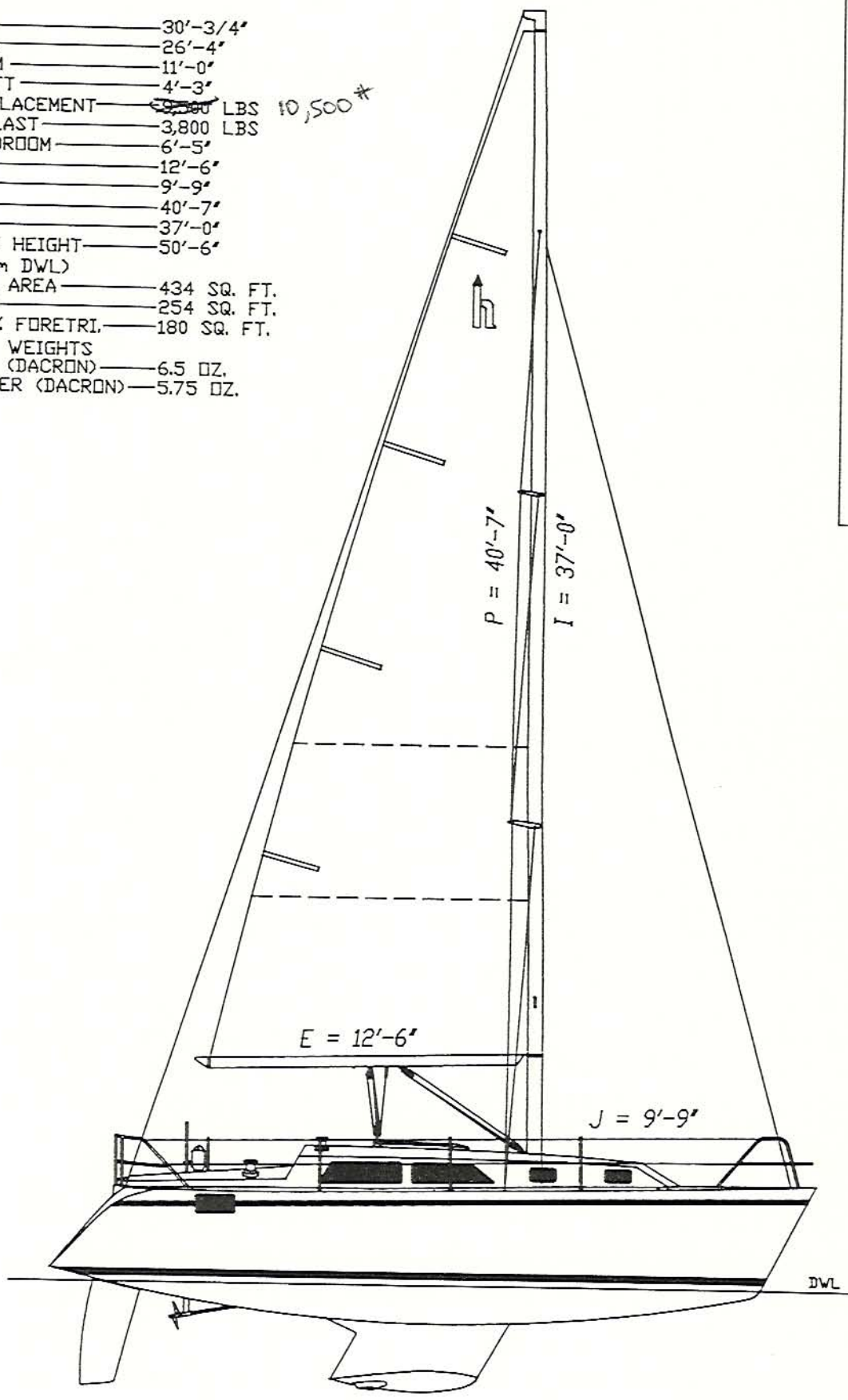


LDA ————— 30'-3/4"
 LWL ————— 26'-4"
 BEAM ————— 11'-0"
 DRAFT ————— 4'-3"
 DISPLACEMENT — ~~8,500~~ LBS 10,500*
 BALLAST ————— 3,800 LBS
 HEADROOM ————— 6'-5"
 E ————— 12'-6"
 J ————— 9'-9"
 P ————— 40'-7"
 I ————— 37'-0"
 MAST HEIGHT — 50'-6"
 (from DWL)
 SAIL AREA ————— 434 SQ. FT.
 MAIN ————— 254 SQ. FT.
 100 % FORETRI. — 180 SQ. FT.
 SAIL WEIGHTS
 MAIN (DACRON) — 6.5 OZ.
 LAPPER (DACRON) — 5.75 OZ.



HUNTER

HUNTER 30T SAIL PLAN H30A2625

SAILS & RIGGING

Tuning the Conventional Fractional Rig (Hunter 27OB, 27IB, 28, 30, 33.5, 35.5, and Legend 37.5)

Tuning the Rigging:

After raising your mast, attach the headstay, backstay, upper shrouds and lower shrouds. Set the headstay turnbuckle at half open and then tighten backstay turnbuckle to medium tension.

To center the mast athwartships, start with only slight tension on the upper and lower shrouds. Check that the mast is centered in the boat by measuring from the masthead to the chainplates with a steel tape measure hoisted completely up the main halyard. Adjust the upper shroud until the measurements port and starboard are exactly the same. Now the spar is plumb athwartships, tension both uppers equally, counting turnbuckle revolutions as you go. Tighten uppers until you have approximately one inch of "prebend" fore and aft in the mast. This is achieved because the swept spreaders will push the middle part of the mast forward as you increase tension of the uppers.

Now tighten the lower shrouds evenly, making sure the mast remains straight athwartship. Sight up the luff groove to assure this straightness. Lower shrouds should end up almost as tight as the uppers. (The uppers should always be the tightest.) The 28, 30, 33.5, 35.5, and Legend 37.5 are equipped with double spreaders. The three shrouds should be made progressively tighter toward the top of the rig; the uppers should be the tightest of all. Tighten backstay to a taut position: perhaps eight to ten turns past your original tension.

Check the mast tuning by sailing in medium winds (10-12 knots). Sometimes fine tuning the upper and lower shrouds is necessary when the spar is loaded in sailing conditions. Sail on both tacks, sighting up the luff groove to check athwartship straightness. Both upper and lower shrouds should be taut on the leeward side.

When mast tuning is complete, install cotter pins in all turnbuckles and tape over sharp edges of the cotter pins with chafe tape. (Refer to the drawing on Conventional Fractional Rig).

HUNTER 30T RIGGING SPECIFICATIONS

STANDING RIGGING

FITTINGS

<u>Description</u>	<u>Wire Size</u>	<u>Upper End</u>	<u>Lower End*</u>	<u>Overall Length</u>
Forestay	7/32	marine eye	7-12-12	39' - 1 1/2"
Backstay	5/32	marine eye	stemball w/1	31' - 10 1/2"
Bridles	5/32	marine eye	5-10-10	17' - 8 1/4"
Uppers	1/4	stemball w/2 cups	8-14-16	37' - 11"
Intermediates	3/16	stemball w/cup	6-12-12	27' - 7 1/2"
Lowers	1/4"	stemball w/cup	8-14-16	14' - 5 1/2"

All wire is 1 x 9 stainless steel.

Backstay is attached to bridle with two splitter plates and three pins - 7/16", 3/8", 3/8".

* "X-X-X" represents the turnbuckle size as follows:

Wire size/body size/pin diameter in 32nd's of an inch.

Example: 7-12-12 is a turnbuckle that accepts a 7/32" wire, has a 3/8" (12/32") thread diameter in the body, and uses a 3/8" (12/32") pin.

RUNNING RIGGING

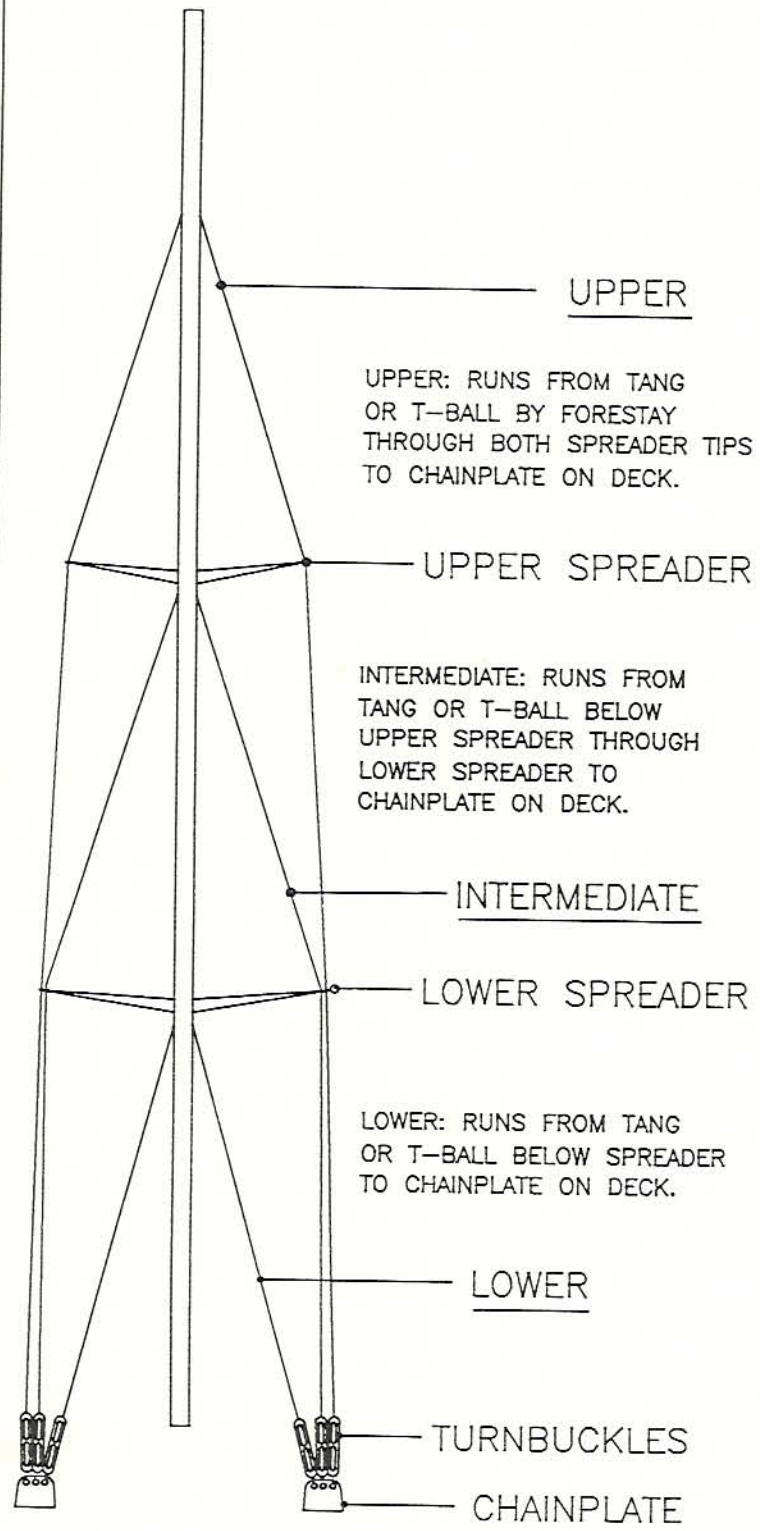
<u>Line</u>	<u>Size</u>	<u>Attachments</u>	<u>Overall Length</u>
Main Halyard	7/16"	Headboard shackle	106'
Jib Halyard	3/8"	Swivel snapshackle	83'
Main Sheet	3/8"	Eye splice	52'
Jib Sheets	7/16"		42'
Traveller Control Lines	3/8"	Eye splice	15'
Vang Line	3/8"	Eye splice	30'
Topping Lift	5/16"	Eye splice	86'
Anchor Line	3/8"	Shackle	100'

All lines low stretch Dacron except anchor line which is nylon.

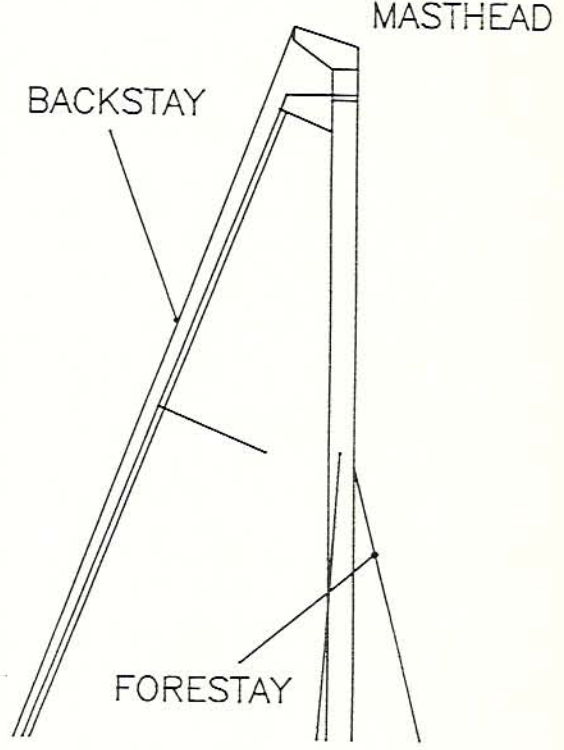
All rigging is supplied by SECO SOUTH.

HUNTER

DOUBLE SPREADER FRACTIONAL RIG
W/ SWEEP BACK SPREADERS GEN2601A

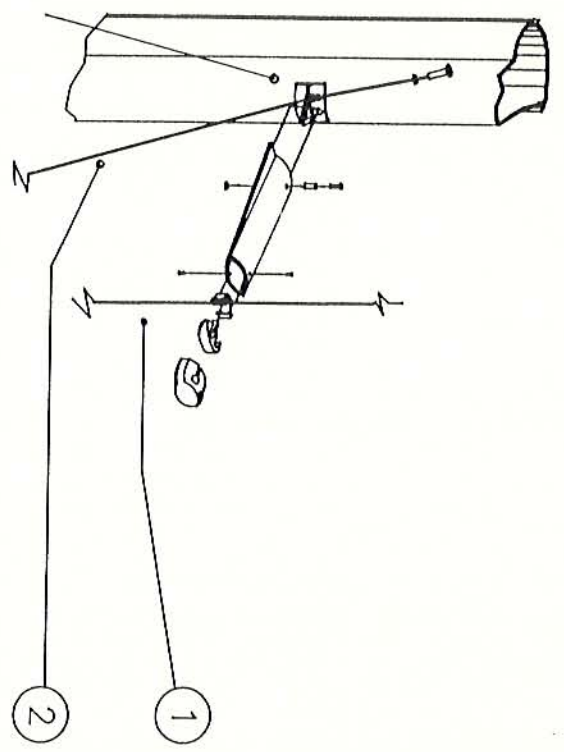


BACKSTAY: RUNS FROM MASTHEAD TO BACKSTAY-CHAINPLATE ON DECK.

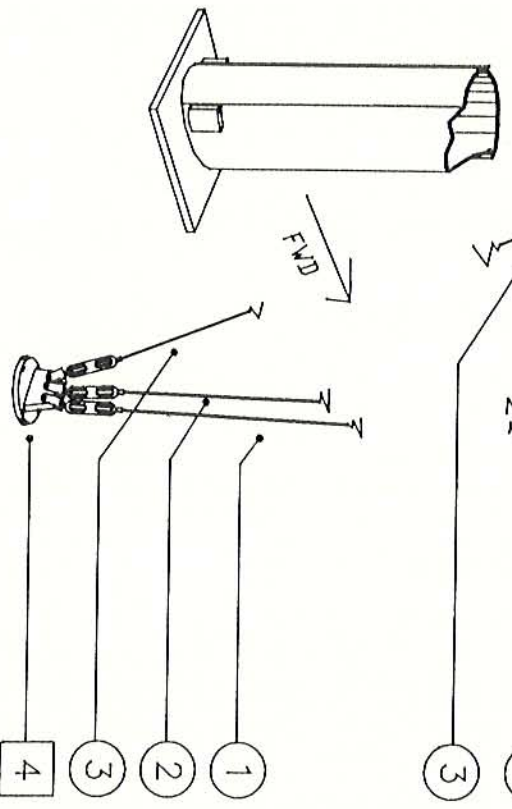
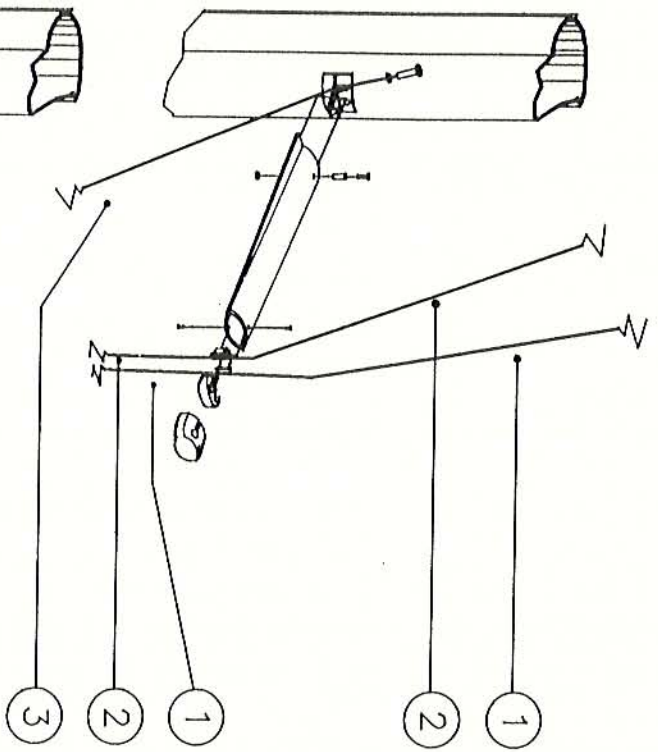


FORESTAY RUNS FROM A POINT APPROXIMATELY 20% BELOW MASTHEAD TO STEMHEAD FITTING.

AFT HOLE

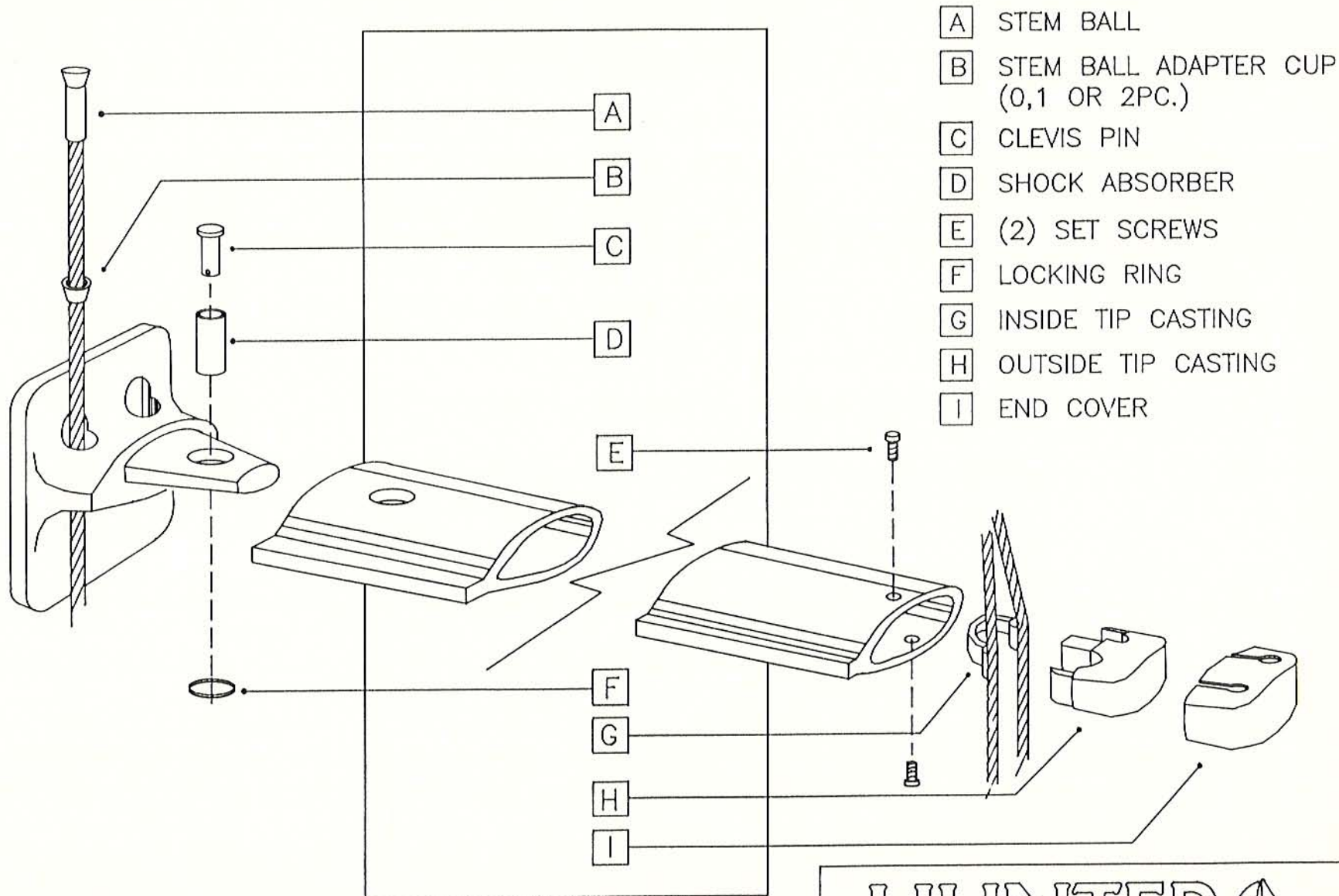


- ① UPPER OR CAP SHROUD
- ② INTERMEDIATE
- ③ LOWER
- ④ CHAIN PLATE



HUNTER 

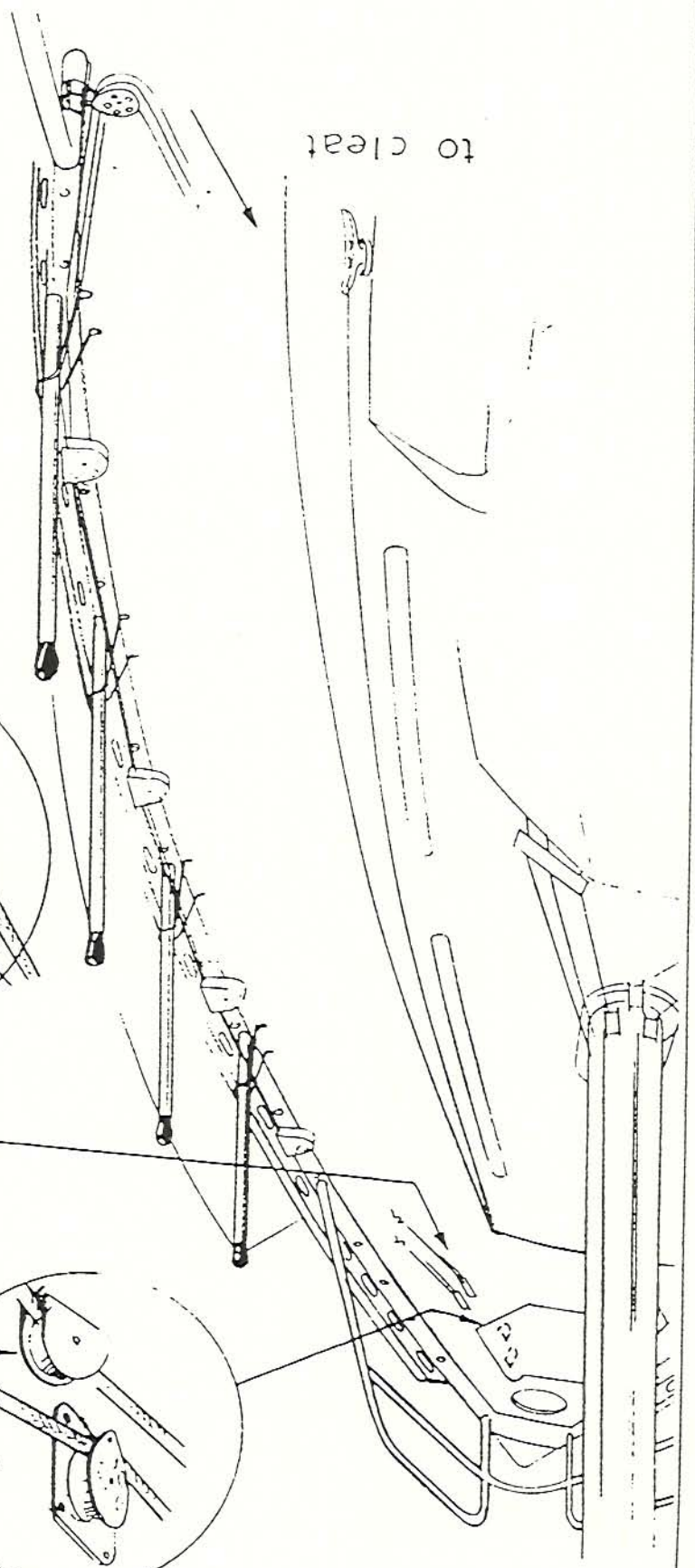
ISOMAT RIGGING ASSEMBLY GEN2603A



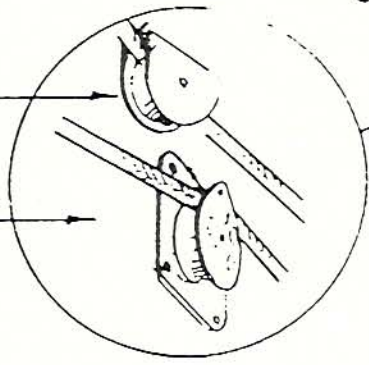
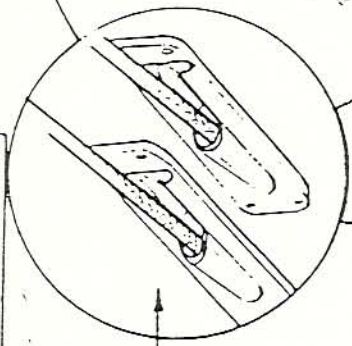
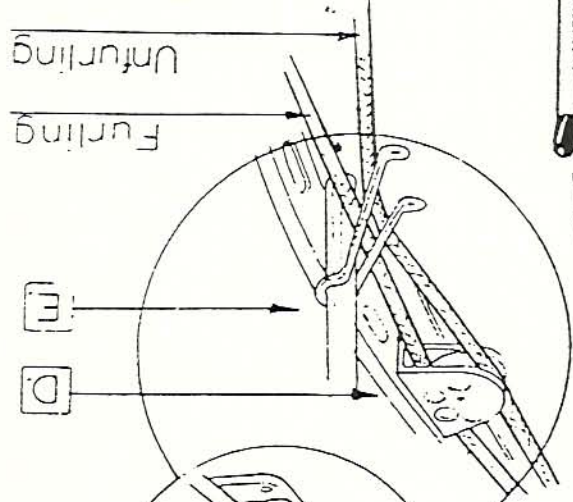
HUNTER 

ISOMAT SPREADER DETAIL GEN2607A

to cleat



- A** Cheek block #501-39
- B** Fairlead bik. Sch. # 300-32
- C** Halyard exit Sch. # 34-46 (2)
- D** Fixed fairlead bik. Sch # 300-31 (4)
- E** Stanchion

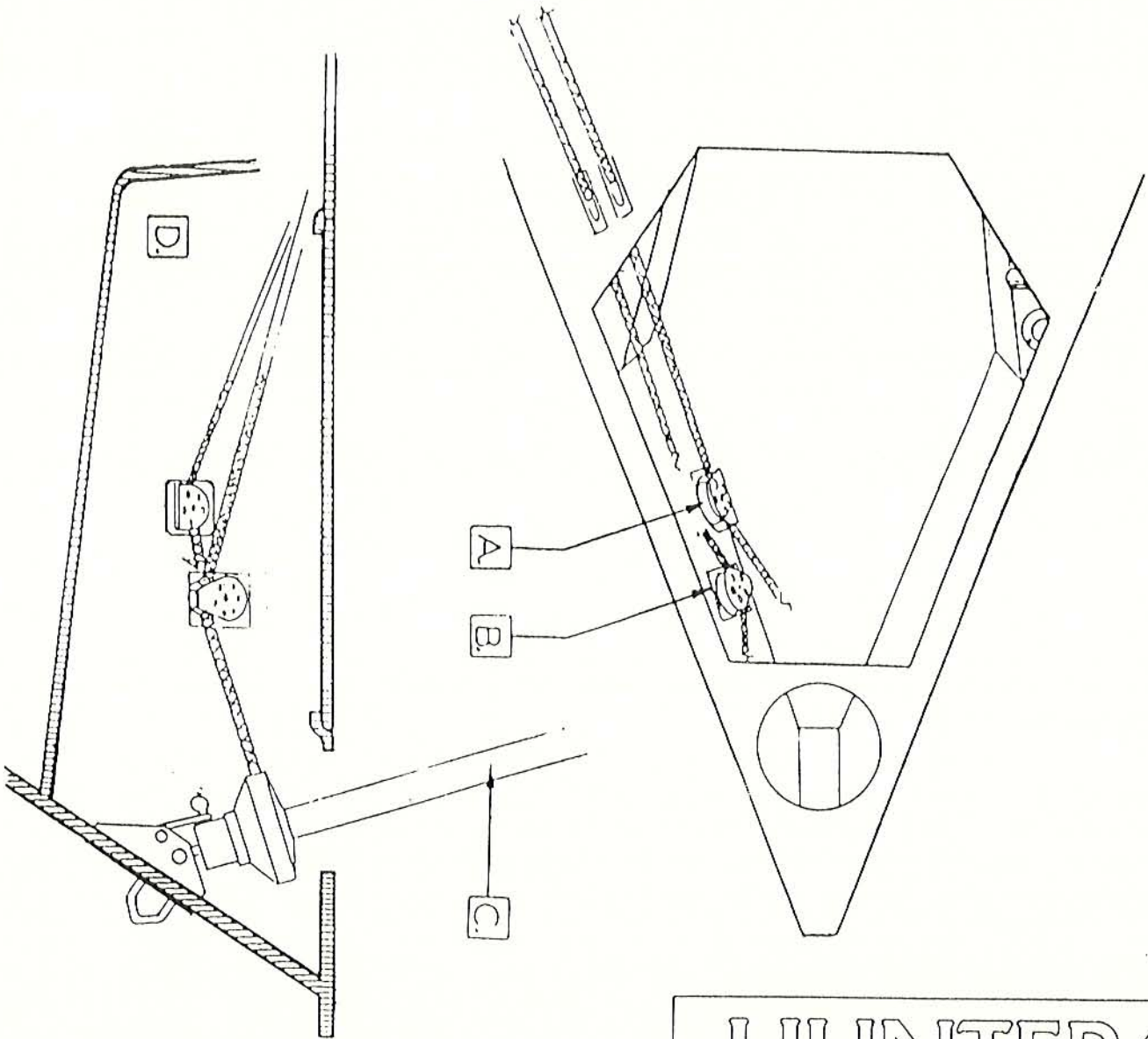


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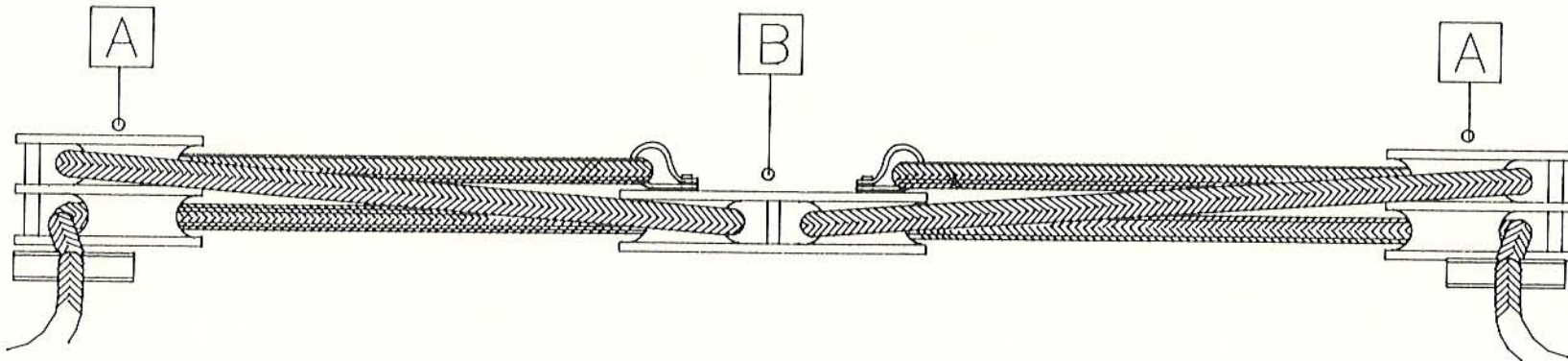
FURLING SYSTEM GENA2625

HUNTER 

FURLING GENA2624



- A Fairlead block Schaefer # 300 - 32
- B. Cheek blk. Sch. # 501-39
- C. Furling
- D. Anchor well

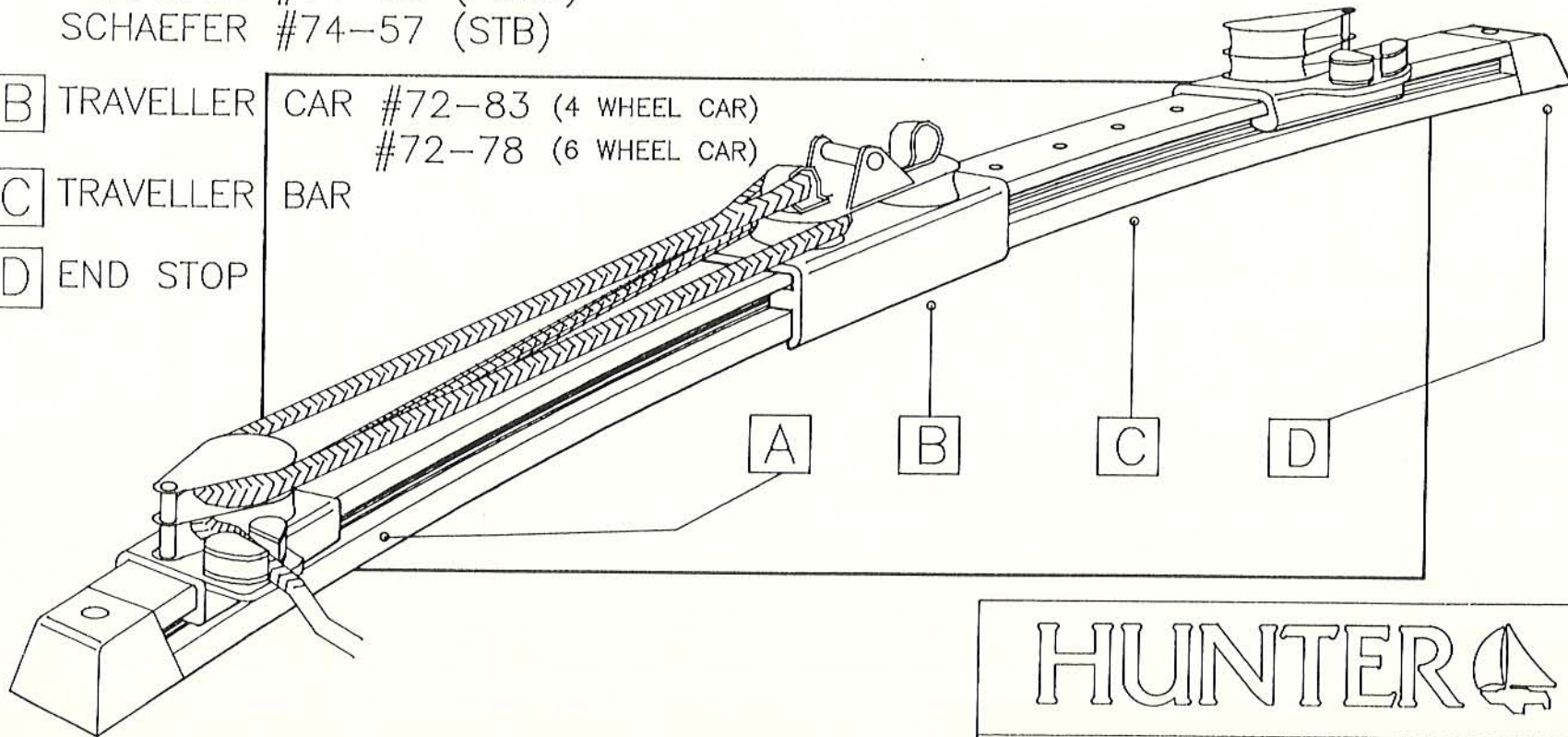



A DOUBLE BLOCK WITH CAM CLEAT
 SCHAEFER #74-56 (PORT)
 SCHAEFER #74-57 (STB)

B TRAVELLER CAR #72-83 (4 WHEEL CAR)
 #72-78 (6 WHEEL CAR)

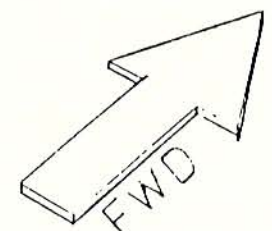
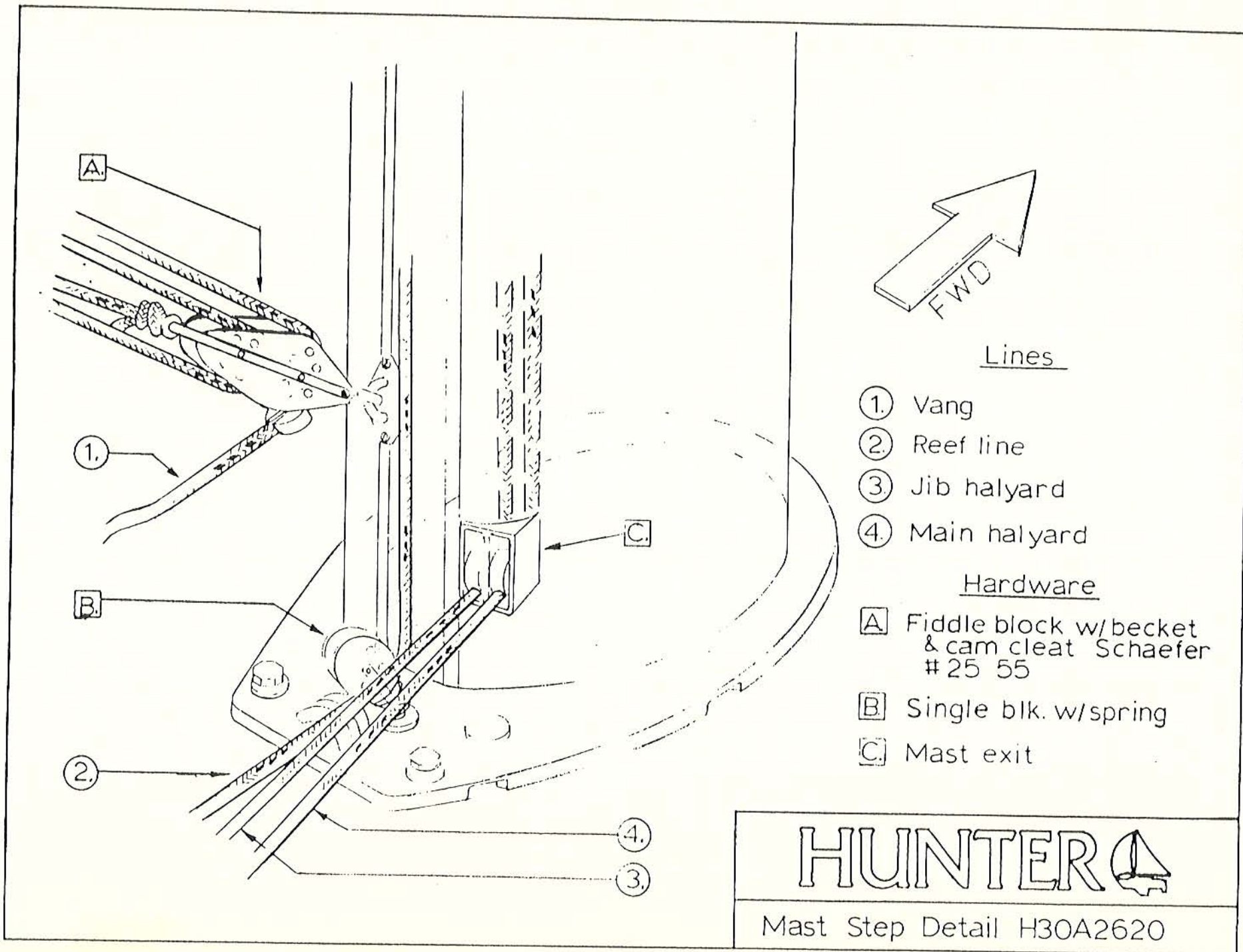
C TRAVELLER BAR

D END STOP



HUNTER 

TRAVELLER DETAIL GENA2611



Lines

- ① Vang
- ② Reef line
- ③ Jib halyard
- ④ Main halyard

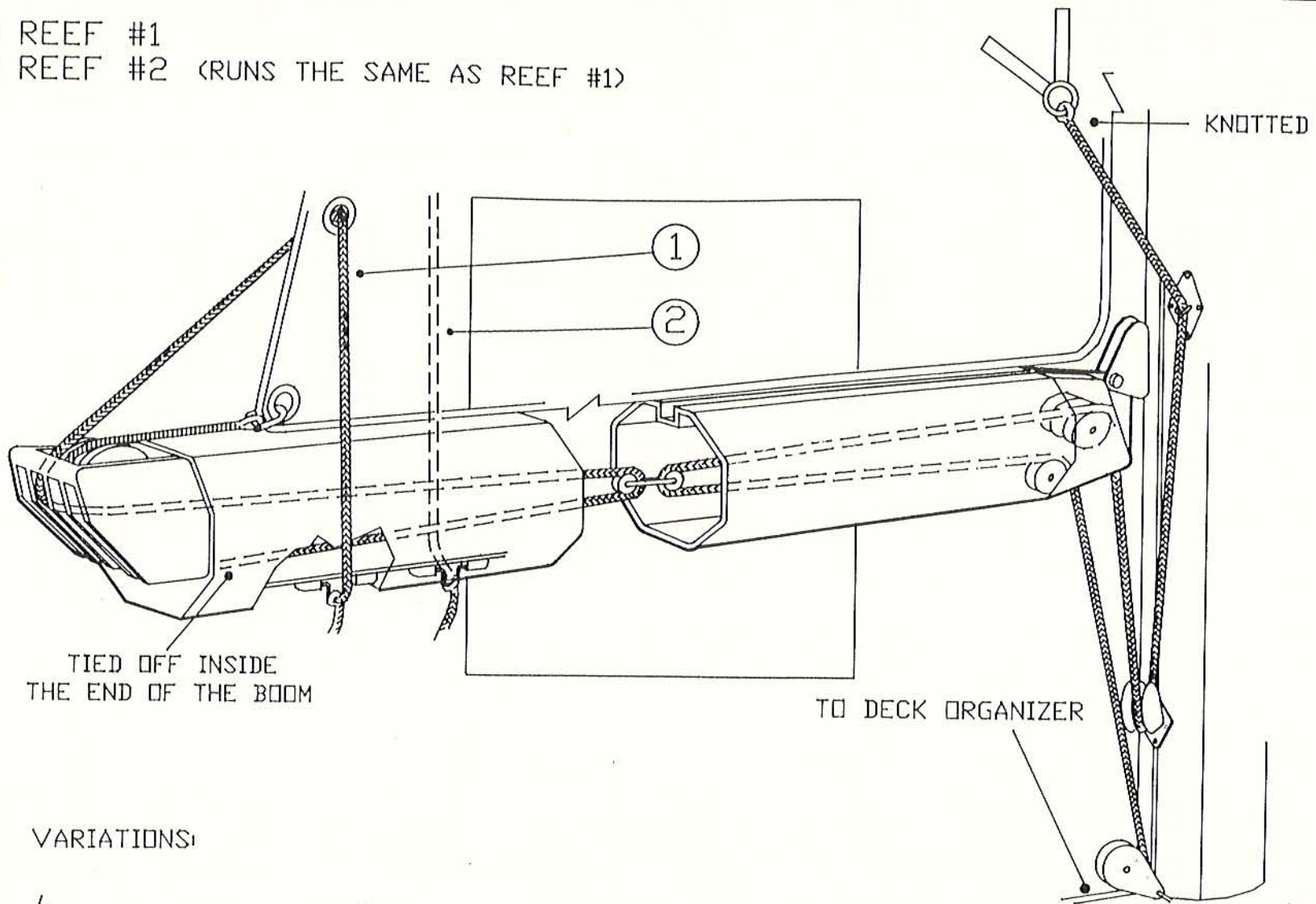
Hardware

- ⓐ Fiddle block w/becket & cam cleat Schaefer #25 55
- ⓑ Single blk. w/spring
- ⓒ Mast exit

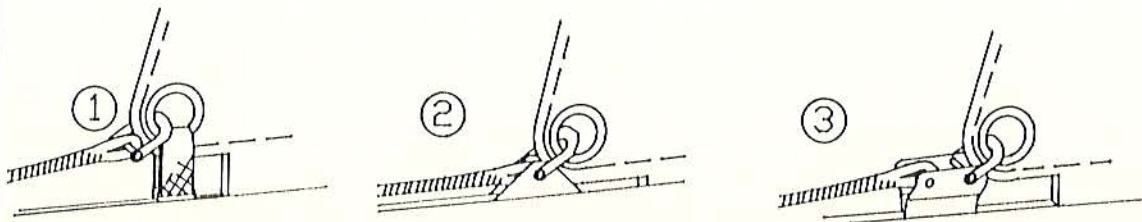
HUNTER 

Mast Step Detail H30A2620

- ① REEF #1
- ② REEF #2 (RUNS THE SAME AS REEF #1)

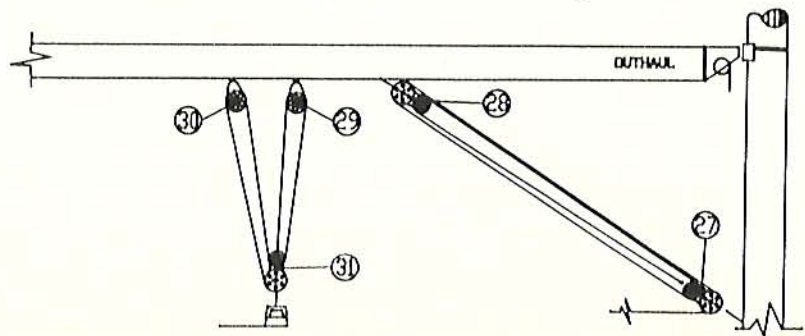
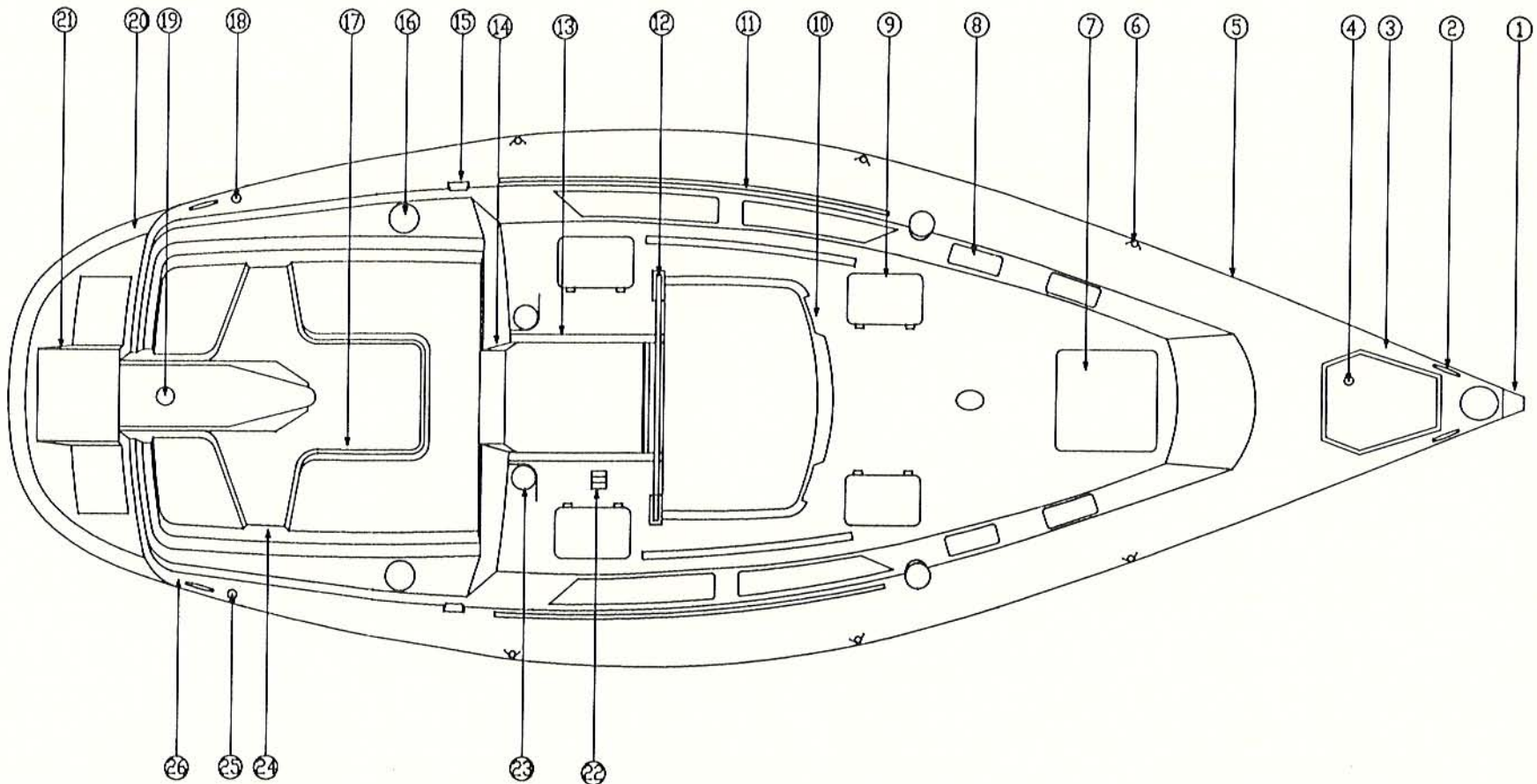



VARIATIONS:



HUNTER 

BOOM AND REEF LAYOUT
ISOREEF GEN2609A

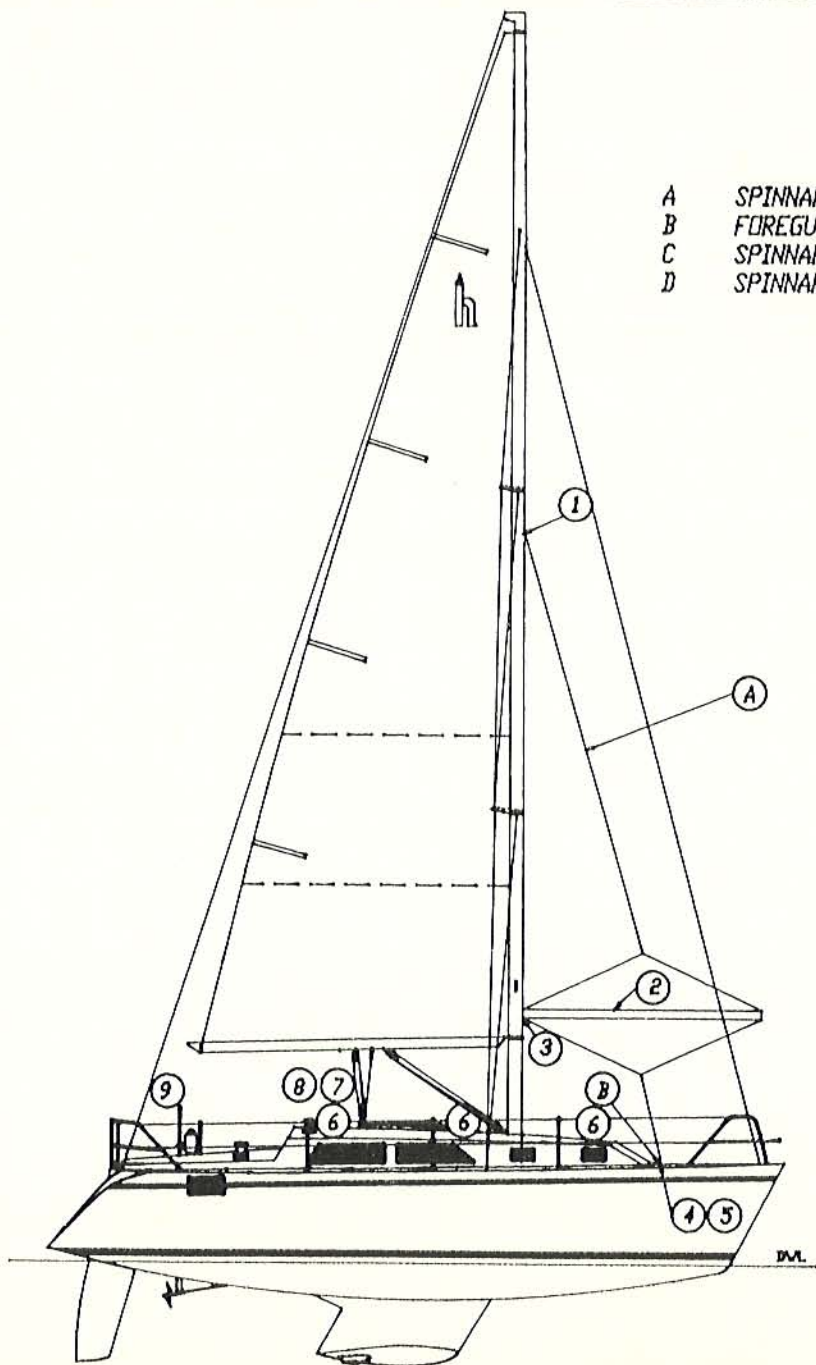


HUNTER 

HUNTER 30T DECK LAYOUT H30A2638 page 1 of 2

HUNTER 30T DECK HARDWARE LAY-OUT (see diag.)

PART	MANUFACTURER	MFG.#	HUNTER PART #	
1.	Bow plate w/roller	Southcoast	NA	HW1611
	Stemhead	Southcoast	NA	HW1575
2.	Mooring cleat	Y/S	YS7107E-8"	HW0975
3.	Bow rail	Southcoast	NA	HW2400
4.	Water tank fill	Nordic	6124-00	PL1130
5.	Toe rail	Tifton	NA	HW2495
6.	Stanchion	Custom	NA	HW2100-A
7.	Forward deck hatch	Custom	NA	TC010008
	Trim ring	Bomar	NT2039	HW0121-A'
8.	Opening port	Lewmar	8902	TC010038
	Screen	Lewmar	8902	HW0043-B
9.	Vent hatch	Custom	NA	TC010017
	Trim ring	Bomar	NT2011	HW0098
10.	Deck organizer, quad	Garhauer	NA	HW0172
11.	Genoa track	Schaefer	40-48	HW0307
	End stop	Schaefer	74-35-G	HW0293
	Block lead	Schaefer	32-88	HW0294
12.	Traveller bar	Schaefer	SK6406	HW0298
	End stop	Schaefer	74-93	HW0205
	Car	Schaefer	72-78	HW0236
	Starboard block	Schaefer	74-57	HW0207
	Port block	Schaefer	74-56	HW0206
13.	Companionway sldr. track	Bomar	NA	HW0157
14.	Pinboard keeper	Bomar	NA	HW0158
15.	Turning block	Schaefer	501-39	HW0312
16.	Primary winch	Bariant	21-33CST	HW2542
17.	Opening port, cockpit	Lewmar	NA	HW0041
	Screen	Lewmar	NA	HW0037-C
18.	Deck waste tank pump-out	Nordic	6126-00	PL1140
19.	Port inspection	Pyhi	DP40-W	HW0045
20.	Backstay chainplate	Southcoast	NA	HW1790
21.	Swim ladder	Custom	NA	HW2172
22.	Triple sheet stopper	Garhauer	11-13	HW1280
23.	Halyard winch	Bariant	17CST	HW2540
	Handle	Bariant	10CX	HW2564
	Handle lock	Bariant	V10LIC	HW2566
24.	Engine panel cover	Custom	NA	EL0111-B
	Engine stop switch/cable	Morse	B48702-72IN	HW3375B
25.	Diesel fuel fill	Nordic	6125-03	PL1126
26.	Stern rail	Southcoast	NA	HW2263
27.	Vang fiddle, mast	Schaefer	25-55	HW0212
28.	Vang fiddle, boom	Schaefer	501-45	HW0211
29.	Mainsheet system, single	Schaefer	501-03	HW0209
30.	Mainsheet, double	Schaefer	05-23	HW0291
31.	Mainsheet, triple	Schaefer	501-93	HW0208



LINES

<u>ITEMS</u>	<u>LINE SIZE</u>	<u>LENGTH (FEET)</u>	<u>SNAPSHACKLES</u>
A SPINNAKER POLE TOPPING LIFT	3/8"	60'	7200-210
B FOREGUY	3/8"	35'	7200-210
C SPINNAKER SHEETS (TWO)	7/16"	56'	7210-220
D SPINNAKER HALYARD	7/16"	88'	7210-220

DECK FITTINGS

<u>ITEMS</u>	<u>MANUFACTURER</u>
1 TOPPING LIFT BLOCK	ISOMAT
2 SPINNAKER POLE	ISOMAT
3 SPINNAKER POLE CAR WITH CONTROL	ISOMAT
4 PAD EYE	SCHAEFER 78-01
5 FOREGUY BLOCK	SCHAEFER 05-05
6 BULLSEYE	NICRO FICD 615
7 QUAD SHEET STOPPER	GARHAUER
8 WINCH	BARIENT 17CST
9 SPINNAKER SHEET BLOCKS (TWO)	SCHAEFER 05-15

INSTALLATION NOTES

- ITEMS 1-3 FOLLOW MANUFACTURING INSTRUCTIONS.
 ITEMS 4,5 INSTALL ON CENTERLINE 12" AFT OF ANCHOR WELL.
 ITEM 6 MOUNT ON STARBOARD EDGE EQUALLY SPACED.
 ITEMS 7,8 INSTALL ON PORT SIDE AS ORIGINAL EQUIPMENT IS INSTALLED ON STARBOARD SIDE.
 ITEM 9 SHEET BLOCKS SNAP TO THE RAIL AFT.

TOPPING LIFT BLOCK IS TO BE INSTALLED 24" BELOW THE UPPER SPREADER.

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HUNTER 30T SPINNAKER PACKAGE H30A2630