

DESIGN NUMBER 1029

BLOCK & FITTINGS LIST

NOTES

1. All stainless steel is to be type 304 or 316. Bronze castings are to be of manganese. Bronze & weldments of no. 1010 hard Bravdur bronze. Substitutions of these alloys are to be of equivalent physical properties and chemical compositions.
2. All fittings to be of chromed bronze or stainless steel.
3. Standing rigging to be 1 x 19 strand stainless steel wire with swaged end fittings. Running rigging to be Sanson Yacht Braid and 7 x 19 stainless steel wire. Builder will be responsible for correct lengths of standing rigging.
4. Makers or fittings are designated in their figure numbers as follows:

MM: Micro Fico

MM: Schaefer Marine

W.C.: Wilson Crittenton

S : Seaboard Marine

M : Merriman Holbrook Inc.

S.C.: South Coast

John G. Alden Inc.
89 Commercial Wharf
Boston, Mass. 02110

12 February 1973

ASSEMBLY	PART	LOCATION	FIG. NO. & SIZE	QUAN.	DESCRIPTION
Jib Malyard	Wire		SS 7 x 19 3/16"	42'	Thimble splice one end to shank
	Rope	on wire	Samsen 1/2"	42'	Tail splice one end to wire
	Shackle	on wire	NH 1000 a	1	Swivel snap shackle
	Sheave	in masthead		1	7" outside dia., 6" scored dia. Micarta sheave, scored for 1/2" & 3/16" wire.
	Fairlead	on spreader	78-01 sh	1	Pad eye
	Winch	on mast	Barlow 16	1	Ratchet winch
	Winch handle		Barlow	1	10" lock-in handle
	Cleat	on mast	W.C. 14052 7"	1	Marinium two hole cleat
Jib Sheets	Rope		Samsen 1/2"	2	Each 30' long, all ends whipped
	Block	on track	07-07 sh	2	Swivel block on slide
	Track	on rail	1" x 3/16"	10' ea	St. steel track on rollers
	Stops	under track		4	St. Steel track end stops
	Turning block	on rail	30-20 sh	2	Turning blocks
	Winch	on coaming	Barlow 24	2	Two speed winches
	Winch handle		Barlow	2	10" ratchet handles
	Cleat	on coaming	W.C. 14051 8"	2	Marinium four-hole cleat

ASSIGNMENT	PART	LOCATION	FIG. NO. & SIZE	QUAN.	DESCRIPTION
Jib Tack	Shackle	on tack fitting	MM 2402	1	Large "D" shackle
	Shackle	in shackle	MM 1000 s	1	Swivel snap shackle
<hr/>					
Genoa Halyard	Use Jib Halyard				
<hr/>					
Genoa Sheet	Rope		Samson 1/2"	2	Each 50' long, all ends whipped
	Blocks, etc.	Use jib sheet gear			
<hr/>					
Forestay Halyard	Rope		Samson 3/8"	60'	Eye splice one end to shackle
	Shackle	on rope	MM 1000 s	1	Swivel snap shackle
	Block	on tang	05-03 sh	1	Front shackle block with st. s cheeks
	Winch	on mast	Barlow 16	1	Ratchet winch
	Winch handle	Use jib halyard winch handle			
	Cleat	on mast	W.C. 14052 7"	1	Marine two-hole cleat
<hr/>					
Forestay Sheet	Traveler	on house top	S 4500	1	Ball bearing traveller
	Block	on traveler	16-11 BH	1	Single block with Bucket & SS
	Block	on bail	04-03 sh	1	Front shackle block with SS ch
	Bail	on boom	Fabricated by builder of st. steel		
	Fairlead	on boom	78-51 sh	1	Phenolic bullseye
	Block	on pedestal	04-03 sh	1	Front shackle block with SS ch

ASSEMBLY	PART	LOCATION	QTY.	SIZE	QTY.	DESCRIPTION
Forestayail Sheet (cont.)	Vedestal	on support	M 859	3"	1	Vedestal gooseneck
	Phenolic	on deck	72-31 ah		2	Phenolic bullseyes
	Cleat	on coaming	W.C. 14051	5"	1	Marinium four-hole cleat
	Rope		Samson	3/8"	52'	Eye splice one end to bucket
						Nico splice
Forestayail Tack	Wire		S.S. 7 x 19	5/32"		each end to thimble
	Shackles	on wire	NH 2403			St. steel "D" shackle Total length, including shackle to be 6"
Forestayail Clew Outhaul	Wire		S.S. 7 x 19	1/8"	4' 0"	Nico thimble splice one end to eye; install slide & cheek block Nico thimble splice other end.
	Pad eye	on boom side	72-03 ah		1	Two-hole pad eye
	Slide	on track	93-04 ah		1	Clew outhaul slide
	Track	on boom	75-27 ah	7/8" x 1/8"	18"	S.S. track with spacers, thru- on 3" centers
	Stops	under track	74-27 ah		2	S.S. track end stops
	Block	on boom side	30-02 ah		1	S.S. cheek block for 1/8" wire
	Rope	on wire end	Samson	1/4"	6'-0"	Eye splice one end to wire end
	Cleat	on boom side	W.C. 14052	5"	1	Marinium two-hole cleat

ASSEMBLY	PART	LOCATION	PIC. NO. & SIZE	QTY.	DESCRIPTION
Foremast Topping Lift	Rope		Samson 3/8"	40'	Eye splice one end to shackle
	Shackle	on rope	NEE 2000 s		"D" ring swivel snap shackle
	Block	on tang	04-03 sh	1	Swivel shackle block with SS c
	Pad eye	on mast	Fabricated by builder		
	Cleat	on mast	W.C. 14052 5"	1	Marinium two-hole cleat
Main Halyard	Wire		SS 7 x 19 3/16"	77'	Thimble splice one end to shac
	Shackle	on wire	M 390 3/8"	1	Double threaded headboard shac
	Sheave	in masthead		1	7" outside dia., 5" scored dia Micarta sheave, scored for 3/ wire.
	Fairlead	on spreader	78-01 sh	1	Pad eye
	Winch	on mast	Barlow no. 5	1	Reel halyard winch
	Winch handle	Use #10 halyard winch handle			
Main Downhaul	Rope		Samson 3/8"	8'	Eye splice one end to bucket
	Block	on mast	34-13 sh	1	Downhaul block with bucket & S
	Block	on gooseneck	05-03 sh	1	Front shackle block with SS ch
	Cleat	on mast	W.C. 14052 5"	1	Marinium two-hole cleat

ASSEMBLY	PART	LOCATION	FIG. NO. & SIZE	QUAN.	DESCRIPTION
Main Shear	Rope		Samson 1/2"	76'	Eye splice one end to bucket
	Traveler	on bridedeck	Seaboard 4515	1	Ball Bearing traveler
	Block	on traveler	16-48 sh	1	Single block with bucket & SS
	Block	on outhaul bail	05-23 sh	1	Double front shackle block
	Fairleads	on wire		2	Phenolic lizards lashed to wire
	Wire	on outhaul & gooseneck	7 x 19 ss 1/8"		Nico thimble splice each end & shackle to outhaul bail & goo
	Block	on gooseneck	05-05 sh	1	Swivel block with SS cheeks
	Block	on trunk top	05-22 sh	1	Swivel deck plate block with S
	Block	on trunk top	39-09 sh	1	Check block with s.s. cheek
	Winch	on trunk top	Barlow 16	1	
	Winch Handle		Barlow	1	Plain single grip 10" handle
	Cleat	on trunk top	W.C. 14051 7"	1	Marinium four-hole cleat
Main Boom Lift	Wire		7 x 19 ss 1/8"	37'	Plastic coated with Nico thimb splice in lower end, & Jaw swage in end.
	Rope	on wire	Samson 1/4"	8'	Splice one end to thimble splic
	Shackle	On outhaul ear	NM 2403	1	s.s. "D" shackle
Main Gooseneck	Similar to NM300 but proportionately larger for 5" dia. boom				
Main Outhaul	Similar to NM430 but proportionately larger for 5" dia. boom				

ASSEMBLY	PART	LOCATION	NO. & TYPE	QTY.	DESCRIPTION
Mizzen Halyard	Wire		7 # 10 cc 2/8"	54'	Thimble splice one end for she
	Shackle	on wire	W 380 W	1	Key type headboard shackle
	Sheave	in masthead		1	4 1/2" outside dia., 3 1/2" scored micarta sheave scored for 1/8
	Fairlead	on spreader	78-05 sh	1	s.s. pad eye
	Winch	on mast	Series 2	1	Reel halyard winch
Winch Handle		Use main sheet winch handle			

Mizzen
Boom
Gooseneck

Similar to Harriman Holbrook Inc. Fig. 413E plate type gooseneck

Mizzen Sheet	Rope		Samson 3/8"	42'	Eye splice one end to becket
	Block	on stern rail	04-03 sh	1	Front shackle block with becket s.s. cheeks
	Block	on rail	04-13 sh	1	Single block with becket & s.s.
	Rail	on boom			Fabricated by builder of S.S.
	Fairlead	on boom	78-31 sh	1	Molded phenolic bullseye
	Block	on gooseneck	04-03 sh	1	Swivel block with s.s. cheeks
	Cleat	on mast	W.C. 14052 5"	1	Marinier two-hole cleat

Mizzen
Outhaul

Duplicate forestaysail outhaul

ASSEMBLY	PART	LOCATION	MATERIAL	SIZE	QTY	DESCRIPTION
Mizzen Boom Lift	Wire		7 x 19 ss	1/8"	30'	Plastic coated with Nico thimble in lower end & jaw swage in t
	Rope	on wire	Samson	1/4"	8'	Eye splice one end to thimble
	Shackle	on collar	NM 2403		1	s.s. "D" shackle
	Collar	on boom end	Fabricated by builder of s.s.			
Main boom Hanger Wire	Plate	Fabricated by builder				
	Wire	On Mizzen mast	7 x 19 ss	1/8"		Nico thimble splice both ends. long enough to take tension & ping lift when sail is down.
	Shackle	on upper end of wire	NM 2403		1	s.s. "D" shackle
	Hook	on lower end of wire	Fabricated by builder		1	s.s. open jawed hook
Mizzen Staysail Malyard	Rope		Samson	3/8"	58'	Eye splice one end to snap sh
	Shackle	on rope	NM 2006 s		1	Swivel snap shackle
	Block	on masthead	04-03 sh		1	Swivel block with s.s. cheeks
	Cleat	on mast	W.C. 14052	5"	1	Marinium two-hole cleat
Mizzen Staysail Sheet	Rope		Samson	3/8"	15'	Whip both ends
	Block	on boom rail	05-09 sh		1	Swivel snapshackle block with
	Cleat	on Miz. boom	W.C. 14052	5"	1	Marinium two-hole cleat
Mizzen Staysail Tack	Rope	on rail	Samson		3'	Eye splice to tack cringle
	Plate	on deck	78-01 sh		2	s.s. pad eyes

ASSEMBLY	PART	LOCATION	P/N, EQ. & QTY	QUAN.	DESCRIPTION
Flag Malyard	Rope		1/8"	so suit	Braided nylon line, on main on mizzen mastheads & on main at board spreader
Roller Furling Gear	Drum	on deck plate	97-12 sh	1	Furling drum
	Plate	on bowsprit	97-42 sh	1	Pad eye
	Back-up plate	under bowsprit	97-52 sh	1	Back-up plate
	Swivel	on head of sail	97-23 sh	1	Upper swivel
Spinnaker Malyard	Eyebolt	in masthead	Fabricated by builder		1/2" dia. bolt with eye on forwa to take block
	Block	in eye of bolt	68-05 sh	1	Swivel block
	Rope		Samson 1/2"	33'	Eye splice each end to shackle
	Shackle	on rope	RM 1000 s	2	Spinnaker bale snap shackles
	Cleat	on mast	W.C. 14052 7"	1	Marinier two-hole cleat
Spinnaker Polelift	Use forestaysail boom topping lift				
Spinnaker Pole Downhaul	Rope		Samson 1/2"	12'	Eye splice one end to snap sha
	Shackle	on rope	RM 2000 s	1	"D" ring swivel snap shackle
Spinnaker Pole Bridles	Wire		7 x 19 ss 1/8"		Nice spliced to each end of po Nice spliced to rings at mid- of wire.
	Rings	on wire	94-03 sh	2	s.s. utility rings

EMBL	LOCATION	FIG. NO. & SIZE	QUAN.	DESCRIPTION	
Spinnaker Pole Ends	Pole end fittings	on pole ends	S.C. 400-3 or similar	2	Spinnaker pole fittings
Mast Fittings	Pole eye	on track	S.C. 400 s-3 or similar	1	Adjustable spinnaker pole eye
	Mast Track	on mast	S.C. 400-T #3	6'	s.s. mast track with spacers & track end stops

HERRING HOBROOK

SHEATH OR SPAY	DIAM.	QUAN.	GRADE	SPN DIA.	TURNBUCKLE	REMARKS
Headstay	9/32"	2	Eye & eye	1/2"	H. 377 1/2"	
Forestay	1/4"	2	Eye & eye	1/2"	H. 377 1/2"	
Backstay	9/32"	1	Eye & jaw	1/2"		
Backstay Legs	7/32"	2	Jaw & eye	7/16"	H. 377 7/16"	Join legs to backstay with 5/16" st steel triangular plate
Main Uppers	9/32"	2	Eye & eye	1/2"	H. 377 1/2"	
Main Lower	1/2"	4	Eye & eye	1/2"	H. 377 1/2"	
Mixer Uppers	1/8"	2	Eye & eye	1/4"	H. 377 1/4"	
Mix. Intermediates	1/8"	2	Eye & eye	1/4"	H. 377 1/4"	
Mix. Lower	1/8"	2	Eye & eye	1/4"	H. 377 1/4"	
Mix. Backstays	1/8"	2	Eye & eye	1/4"	H. 377 1/4"	Connect pelican hook to each turnbu
Helistay	3/8"	1	Eye & jaw	5/8"	H. 377 5/8"	
Sowsprit Shrouds	1/2"	2	Eye & eye	1/2"	H. 377 1/2"	

NOTE: Herring-Hobrook Fig. 577 toggles are to be used on all turnbuckles.