

THIS LIST ALSO USED FOR
No 823-G (823-A SAIL PLAN)

BLOCK AND FITTING LIST DESIGN NO. 823

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NAVAL ARCHITECT

131 STATE STREET
BOSTON, MASS.

Fig. Nos. refer to Merriman Bros. Catalogue

All blocks aloft to have ash shells

All blocks on deck to have lignum-vitae shells

LOCATION	NO. OF BLOCKS	SIZE BLOCK	NO. OF SHEAVES	FITTINGS
Jib halliard	9/32" dia. 6 x 19 S.S. wire and 5/8" dia. manila tail			
At mast head	1	#3	single	W-M front shackle Fig. 563
On halliard	1	#3		Stiff eye snapshackle
Forestaysail halliard	1/4" dia. 6 x 19 S.S. wire and 9/16" dia. manila tail			
On mast	1	4-1/2"	single	W-M front shackle Fig. 563
On halliard	1	#3		Stiff eye snapshackle
Main halliard	1/4" dia. 6 x 19 S.S. wire and 9/16" dia. manila tail			
On sail	1	#3	single	Fig. 488
Mizzen staysail halliard	1/2" manila			
On mast	1	4"	single	Swivel shackle
On halliard	2	#2		Stiff eye snapshackle
Mizzen halliard	1/4" dia. 6 x 19 S.S. wire and 1/2" dia. manila			
In mast	1			One bronze Lubrite bushed sheave 4-3/4" dia. x 1/2" x 1/2" pin
On sail	1	3/8"		Headboard shackle
Jib tack	9/32" dia. 6 x 19 S.S. wire and 9/16" dia. manila			
On bowsprit	1	5-1/4"	single	Fig. 562-F
On tack	1	#3		Snapshackle
Forestaysail Tack				One 7/16" galv. shackle
Forestaysail Lift	7/16" manila			
on mast	1	#2		Fig. 352-A and eye plate
on lift	1	#2		Snapshackle
Main boom lift	7/32" dia. 6 x 19 S.S. wire			
On mast	1	4-1/2"	single	Fig. 562-F with front shackle
Main boom lift tackle	7/16" dia. manila			
On lift	1	#2	single	Front shackle; bronze block
Mizzen boom lift	3/16" dia. 6 x 19 S.S. wire with 3/8" dia. manila			
On lift	1	#1	single	Fig. 352 with front shackle
On boom	1	#3	single	Fig. 410

LOCATION	NO. OF BLOCKS	SIZE BLOCK	NO. OF SHEAVES	FITTINGS
Forestaysail sheet	1/2" dia. manila			
On club	1	4"	double	Side shackle
On traveller	1	4"	single	Side shackle
On deck	1	4"	single	Side shackle
On deck	2	#4		Eye plates
Main sheet	5/8" dia. manila			
On boom	3	5"	single	Front shackles
On bridge deck	1	5"	single	Swivel eye and deck plate
On deckhouse	1	5"	single	Swivel eye and deck plate
On boom	1	2-1/2"		Lizzard and eyestrap
Mizzen sheet	1/2" dia. manila			
On boom	3	4"	single	Front shackle
On boomkin	1	4"	single	Front shackle and becket
On deck	1	4"	single	Swivel eye and deckplate
Cib Topsail sheets	5/8" dia. manila			
On sheets	2	1/2"		Hystrength shackle
On deck	8	#5		Eyeplates with bolts for 6-1/2" wood
On deck	2	4"	single	Fig. 347 snatch block
Mizzen staysail sheet	1/2" dia. manila			
On mizzen boom	1	5"		Fig. 347 snatch block
Mizzen staysail tack tackle	3/8" dia. manila			
On tack	2	#1	single	Fig. 358 one with becket
On housetop	2	#4		Eyeplates with bolts for 3" wood
Forestaysail Clew Outhaul	6 x 19 3/16" dia. stainless steel wire.			
On club	1	#3		Fig. 409-C clew outhaul
On club	1	#3		Fig. 410 bronze cheek block
On wire	1	#1	single	Bronze front shackle and becket
Outhaul tackle	3/8" dia. manila			
On boom	1	#1		Bronze cheek block
Main clew outhaul	7/32" dia. 6 x 19 stainless steel wire			
On boom	1	#4		Fig. 410 bronze cheek block
On boom	1	#4		Fig. 409-C clew outhaul
On wire	1	#1	single	Bronze block with front shackle and becket.
Outhaul tackle	3/8" dia. manila			
On boom	1	#1	single	Bronze cheek block
Mizzen clew couthaul	3/16" dia. 6 x 19 stainless steel wire			
On boom	1	#1		Bronze cheek block, Fig. 410
On boom	1	#3		Fig. 409-C clew outhaul
On wire	1	#1	single	Bronze block with front shackle and becket
Outhaul Tackle	3/8" dia. manila			
On boom	1	#1		Bronze cheek block

WINCHES

Main sheet	1	#3 Fig. 395
Forestsail sheet	1	#2 Fig. 395
Genoa jib sheets	2	#6 Fig. 398 with ratchet handle
Main halyard	1	#3 Fig. 395
Jib topsail halyard	1	#3 Fig. 395
Forestsail halyard	1	#3 Fig. 395
Mizzen halyard	1	#3 Fig. 395
Mizzen sheet	1	#2 Fig. 395
Jib topsail down haul	1	#3 Fig. 395

TURNBUCKLES

Fig. 377 or 378

Headstay	1	3/4" with toggle
Forestay	1	3/4" with toggle
Upper shrouds	2	3/4" with toggle
Middle shrouds	4	3/4" with toggle
Lower shrouds	2	3/4" with toggle
Jumper stays	2	5/8" standard
Backstay bridles	2	3/4" with toggle
Mizzen headstay	1	1/2" standard
Mizzen shrouds	6	5/8" with toggles
Mizzen backstay	1	1/2" standard
Boomkin stay	1	5/8" standard

All standing rigging preformed stainless steel 1 x 19 strand wire with Merriman Tru-loc fittings or poured sockets.

STANDING RIGGING

Headstay	1	7/16" dia.
Forestay	1	7/16" dia.
Main upper shrouds	2	7/16" dia.
Main middle shrouds	4	7/16" dia.
Main lower shrouds	2	7/16" dia.
Main jumper upper stay	2	5/16" dia.
Permanent backstay	1	7/16" dia.
Permanent backstay bridles	2	7/16" dia.
Mizzen headstay	1	1/4" dia.
Mizzen upper shrouds	2	3/8" dia.
Mizzen middle shrouds	2	3/8" dia.
Boomkin stay	1	3/8" dia.
Mizzen lower shrouds	2	3/8" dia.
Mizzen backstay	1	1/4" dia.

RUNNING RIGGING

All running wire to be Korodless 6 x 19 preformed stainless steel wire. Tails on halyards and sheets, etc. to be of yacht manila rope.

RUNNING RIGGING (Cont'd.)

Jib halyard	9/32" wire 5/8" tail
Staysail halyard	1/4" wire 9/16" tail
Main halyard	1/4" wire 5/8" tail
Mizzen halyard	1/4" dia. wire 1/8" tail
Mizzen staysail halyard	1/2" dia. manila
Forestaysail sheet	1/2" dia. manila
Main sheet	5/8" dia. manila
Mizzen sheet	1/2" dia. manila
Mizzen staysail sheet	1/2" dia. manila
Jib topsail sheets	5/8" dia. manila
Main boom lift	7/32" dia. wire
Main lift tackle	7/16" dia. manila
Staysail lift	7/16" dia. manila
Mizzen lift	3/16" dia. wire
Mizzen lift tackle	3/8" dia. manila
Mizzen clew outhaul	3/16" dia. wire
Mizzen outhaul whip	3/8" dia. manila
Forestaysail clew outhaul	3/8" dia. manila
Forestaysail outhaul tackle	9/32" dia. wire
Jib topsail pennant	7/32" dia. wire
Main clew outhaul	3/8" dia. manila
Main outhaul whip	3/8" dia. manila
Mizzen staysail tack tackle	3/8" dia. manila

CLEAT LIST

Jib halyard	1	9" Fig. 400
Staysail halyard	1	9" Fig. 400
Main halyard	1	9" Fig. 400
Mizzen halyard	1	7" Fig. 400
Mizzen staysail halyard	1	7" Fig. 400
Forestaysail sheets	1	8" Fig. 400
Main sheet	1	10-1/2" Fig. 400
Mizzen sheet	1	8" Fig. 400
Mizzen staysail sheet	2	8" Fig. 400
Jib topsail		10-1/2" Fig. 400
Genoa sheets		7" Fig. 400
Main boom lift tackle	1	6" Fig. 400
Staysail lift	1	6" Fig. 400
Mizzen lift	1	5" Fig. 400-B
Mizzen clew outhaul	1	5" Fig. 400-B
Forestaysail clew outhaul	1	6" Fig. 400-B
Main clew outhaul	2	6" Fig. 400
Mizzen staysail tack tackle		

SPAR FITTINGS

(Fig. Numbers Refer to Merriman Brothers Catalogue)

Main Gooseneck - Fig. 415 Size 4 Two band

Main Boom End Band - Lugs for main lift and outhaul tackle,
with outhaul cheek block riveted on.

Main Boom Sheet Travelers - 3 Fig. 441-A

Mizzen Boom Gooseneck - Fig. 415 Size 2 Two band.

Mizzen Boom End Band - Lugs for lift and outhaul tackle, bale,
and with outhaul cheek block riveted on.

Mizzen Boom Sheet Travelers - 3 Fig. 441-A

Forestaysail Gooseneck - Pedestal type

Forestaysail Club End Band - Lugs for lift and outhaul tackle
with outhaul cheek block riveted on.

Forestaysail Sheet Traveler - 1 Fig. 441-A

Mast Tang Fittings for shrouds and stays - As per detail of #1010
hard Everdur bronze.

SAIL TRACK AND SLIDES

	<u>Length</u>	<u>Track</u>	<u>Slides</u>
Main Mast	55'0"	1-1/4"	Fig. 406A Fig. 408
Main Boom	21'6"	1-1/4"	Fig. 406A Fig. 407
Mizzen Mast	36'6"	1"	Fig. 406 Fig. 408
Mizzen Boom	12'9"	1"	Fig. 406 Fig. 407

BOWSPRIT FITTINGS
No. 823

TURNUBUCKLES

Fig. 377 or 378

Bobstay	1	7/8"	Short body
Bowsprit Shrouds	2	5/8"	Standard

STANDING RIGGING

Bobstay	1	1/2" Dia. SS 1 x 19
Bowsprit Shrouds	2	3/8" Dia. SS 1 x 19

FITTINGS

Bowsprit End Band - Galvanized welded steel

Bowsprit Anchor Chock - Galvanized welded steel with sheave
for 1/2" anchor chain.