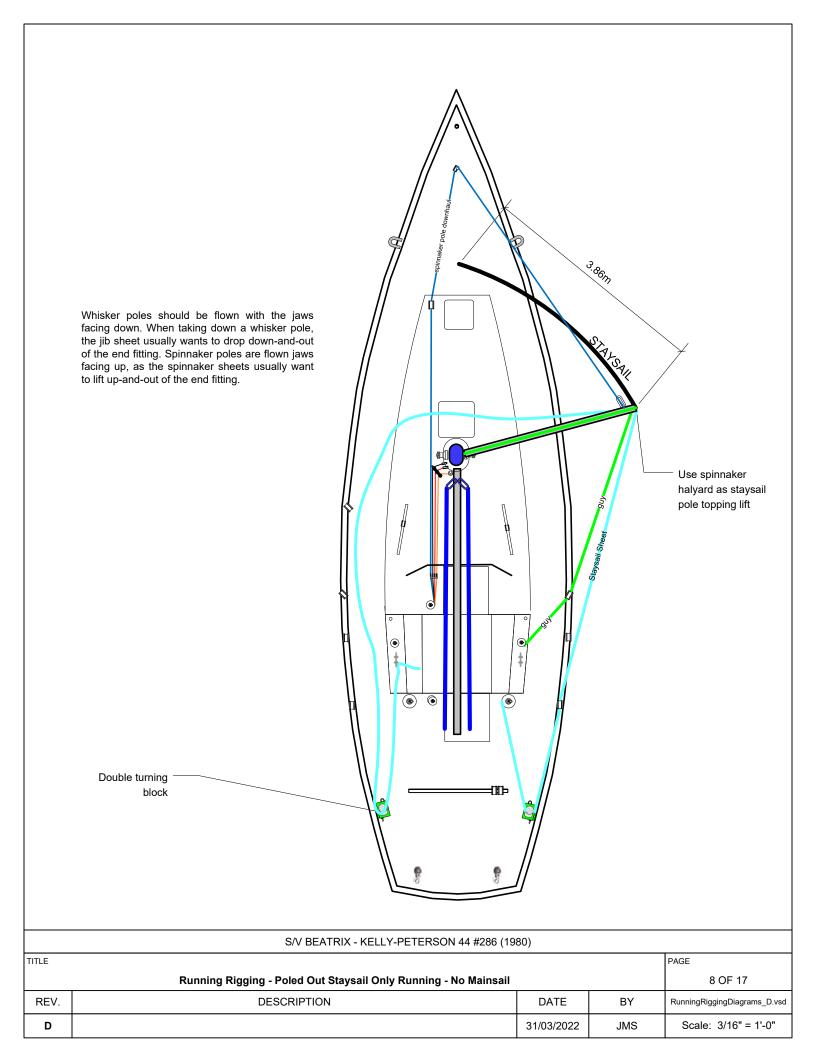
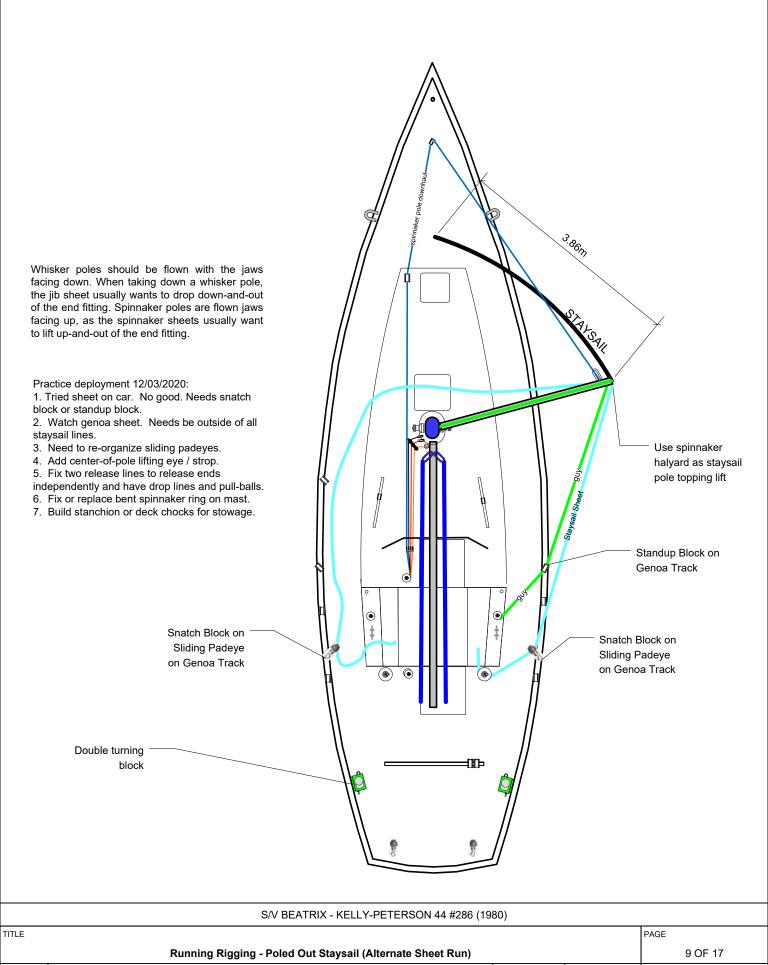
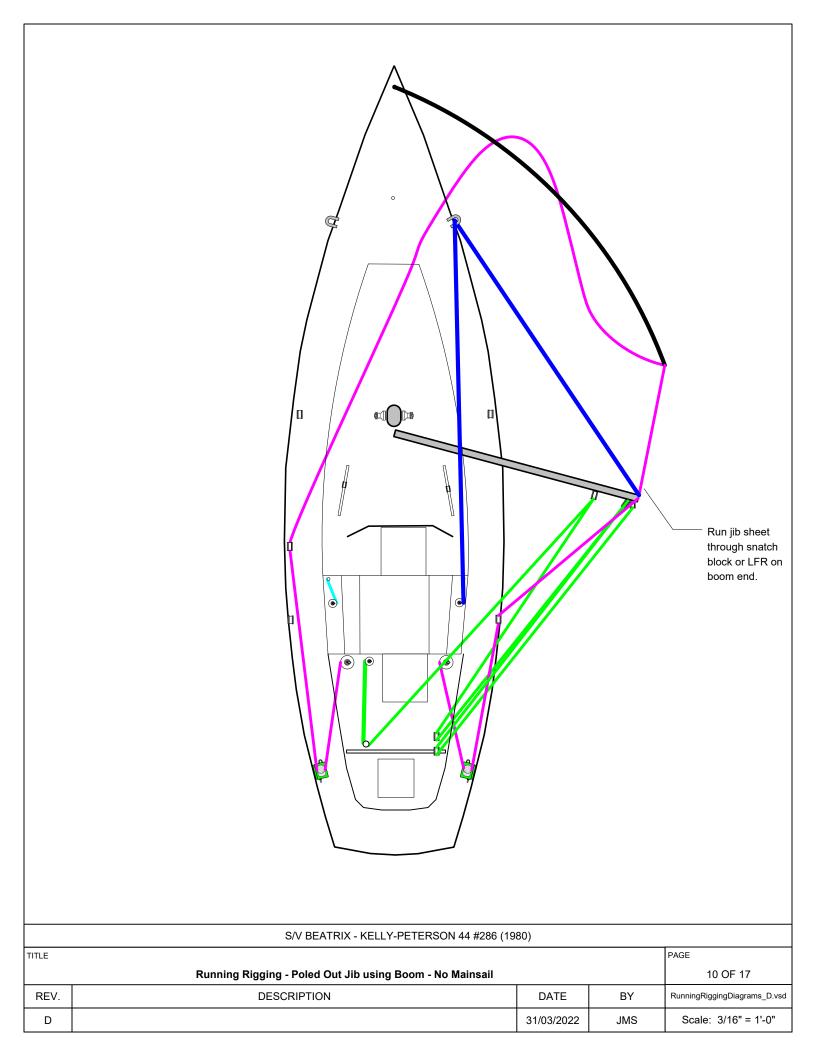


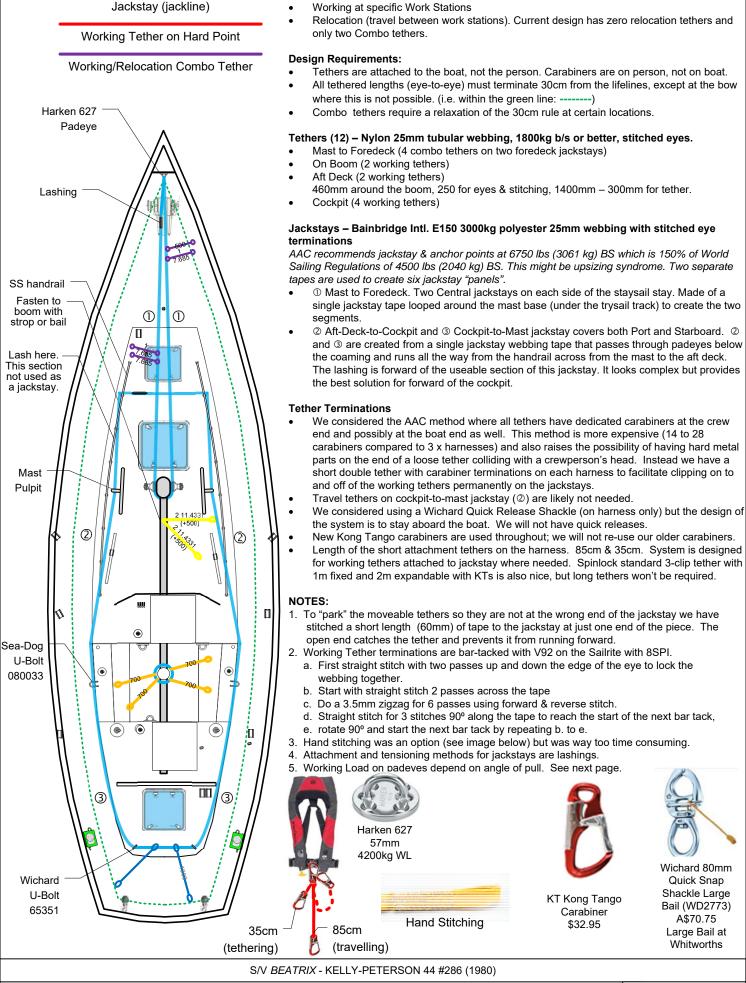
TITLE	TITLE								
	Running Rigging - Poled Out Jib and Staysail Running Wing and Wing - No Mainsail								
REV.	DESCRIPTION	DATE	BY	RunningRiggingDiagrams_D.vsd					
D		31/03/2022	JMS	Scale: 3/16" = 1'-0"					





TITLE				PAGE				
	Running Rigging - Poled Out Staysail (Alternate Sheet Run)							
REV.	DESCRIPTION	DATE	BY	RunningRiggingDiagrams_D.vsd				
D		31/03/2022	JMS	Scale: 3/16" = 1'-0"				





Functions:

 PAGE

 Running Rigging - Jackstays & Tethers
 11 OF 17

 REV.
 DESCRIPTION
 DATE
 BY
 RunningRiggingDiagrams\_D.vsd

 D
 31/03/2022
 JMS
 Scale: 3/16" = 1'-0"

## **Padeyes**

Padeyes are great for mounting blocks and are also used as attachment points for staysails, reefing blocks, and hundreds of other items.

Harken offers a range of stainless steel padeyes. The diamond-shaped padeyes, 688 and 689, are 316 stainless and often used at mastbases where the diamond shape allows them to be mounted very close together. The 2759 is 316 cast stainless steel. The 627, 629, and 648 padeyes are 17-4 PH stainless.

For maximum strength always align fixed padeye bails to the load.



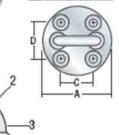








Load



Maximum working load

Maximum working load							Breaking load						Fasteners	
Part	1		2	?	3	3		1		2		3	(F	H)
No.	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	in	mm
627	5000	2270	4500	2040	4300	1950	10000	4535	9000	4080	8600	3900	1/4	6
629	20000	9070	12000	5440	14000	6350	40000	18140	24000	10890	28000	12700	1/2	12
648	11800	5358	10375	4705	8500	3855	23600	10716	20750	9430	17000	7710	3/8	10
688	3800	1770	5000	2270	4300	1950	7800	3540	10000	4535	8600	3900	1/4	6
689	8500	3855	8000	3628	7800	3540	19000	8618	17200	7800	15600	7075	5/16	8
2759	2550	1156	2392	1086	2450	1111	5100	2313	4784	2172	4900	2222	1/4	6

aros stocktom	A	1	В		C	;		)	E		F		G	ì	Wei	ght
Description	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	OZ	g
Small round	2 1/4	57			1 1/16	27	1 3/16	30	1 3/16	30	5/8	16	15/16	24	4.16	118
Large round	3 3/4	95			1 3/4	44	17/8	48	2	51	1 1/16	27	1 3/4	44	23	652
High-load medium	3	76			1 5/16	33	1 9/16	40	1 15/16	50	1 1/8	29	1 7/16	37	11	312
Small diamond	3 1/8	79	2	51	2 3/8	60	1.1/4	32	1 3/16	30	9/16	14	7/8	22	4.75	135
Large diamond	3 7/8	98	25/16	59	2 7/8	73	1 3/8	35	1 9/16	40	7/8	22	1 1/16	27	7.5	213
Padeye/fits 22 mm cars with sheaves	2 1/4	56	3/4	18	1 1/2	38			1	26	9/16	15	5/8	16	1.3	38
֡	Small round Large round High-load medium Small diamond Large diamond	Small round         2 1/4           Large round         3 3/4           High-load medium         3	Small round         2 1/4         57           Large round         3 3/4         95           High-load medium         3 76           Small diamond         3 1/8         79           Large diamond         3 7/8         98	Small round         2 1/4         57           Large round         3 3/4         95           High-load medium         3 76           Small diamond         3 1/8         79         2           Large diamond         3 7/8         98         2 5/16	Small round         2 1/4         57           Large round         3 3/4         95           High-load medium         3 76           Small diamond         3 1/8         79         2 51           Large diamond         3 7/8         98 2 5/16         59	Small round         2 1/4         57         1 1/16           Large round         3 3/4         95         1 3/4           High-load medium         3 76         1 5/16           Small diamond         3 1/8         79         2 51         2 3/8           Large diamond         3 7/8         98         2 5/16         59         2 7/8	Small round         2 1/4         57         1 1/16         27           Large round         3 3/4         95         1 3/4         44           High-load medium         3 76         1 5/16         33           Small diamond         3 1/8         79         2         51         2 3/8         60           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73	Small round         2 1/4         57         1 1/16         27         1 3/16           Large round         3 3/4         95         1 3/4         44         1 7/8           High-load medium         3         76         1 5/16         33         1 9/16           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8	Small round         2 1/4         57         1 1/16         27         1 3/16         30           Large round         3 3/4         95         1 3/4         44         1 7/8         48           High-load medium         3         76         1 5/16         33         1 9/16         40           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30         5/8           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51         1 1/16           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50         1 1/8           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30         9/16           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40         7/8	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30         5/8         16           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51         1 1/16         27           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50         1 1/8         29           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30         9/16         14           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40         7/8         22	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30         5/8         16         1 5/16           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51         1 1/16         27         1 3/4           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50         1 1/8         29         1 7/16           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30         9/16         14         7/8           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40         7/8         22         1 1/16	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30         5/8         16         1 5/16         24           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51         1 1/16         27         1 3/4         44           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50         1 1/8         29         1 7/16         37           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30         9/16         14         7/8         22           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40         7/8         22         1 1/16         27	Small round         2 1/4         57         1 1/16         27         1 3/16         30         1 3/16         30         5/8         16         1 5/16         24         4.16           Large round         3 3/4         95         1 3/4         44         1 7/8         48         2         51         1 1/16         27         1 3/4         44         23           High-load medium         3         76         1 5/16         33         1 9/16         40         1 15/16         50         1 1/8         29         1 7/16         37         11           Small diamond         3 1/8         79         2         51         2 3/8         60         1 1/4         32         1 3/16         30         9/16         14         7/8         22         4.75           Large diamond         3 7/8         98         2 5/16         59         2 7/8         73         1 3/8         35         1 9/16         40         7/8         22         1 1/16         27         7.5

DO NOT use Harken equipment for human suspension unless product is specifically certified and labeled for such use.

JACKSTAYS (dimensions in mm) (Overall length may vary for individual boats)	EYE-TO- EYE LENGTH	WRAP AROUND MAST	ADD FOR 2 EYES	CUT LENGT H	QTY	TOTAL MATERIAL LENGTH	COLOR	ATTACHMENT
Mast to Bow	10000	570	440	11010	1	10440	WHITE	HARD POINT
Aft Cabin Top to Cockit to Handrails	10000	570	440	11010	1	10440	WHITE	HARD POINT

TETHERS (dimensions in mm)	EYE-TO- EYE LENGTH	WRAP AROUND BOOM	ADD FOR 2 EYES	CUT LEN	QTY	TOTAL MATERIAL LENGTH	COLOR	ATTACHMENT
Forward Deck	500		440	940	4	3760	PURPLE	JACKSTAY
Boom	900	500	440	1840	2	3680	YELLOW	HARD POINT
Cockpit	800		440	1240	4	4960	ORANGE	HARD POINT
Aft	1000		440	1440	2	2880	BLUE	JACKSTAY
Harness Long	850		220	1070	3	3210	YELLOW	CREW
Harness Short	350		220	570	3	1710	YELLOW	CREW
Harness Double Tether (shared eye at top)	1200		220	1420	3	4260	YELLOW	CREW

NYLON TETHER MATERIAL BY COLOR	LEN	ORDER(m)	(	COST	<b>EXCESS</b>
PURPLE	3760	4	\$	12.76	240
YELLOW	7940	11	\$	35.09	3060
ORANGE	4960	5	\$	15.95	40
BLUE	2880	3	\$	9.57	120
	-	SUBTOTA	\$	73.37	

EQUIPMEN T	QTY	UNIT PRIC	NET PRICE
Kong Tango Caribiners	6	\$ 32.95	\$197.70
E150 Jackstay Webbing 25mm x 50m roll	1	\$ 75.00	\$ 75.00
Wichard 8mm U-Bolt 65651	2	\$ 40.00	\$ 80.00
Sea-Dog 3/8 " Bow Eye p/n 080033*	2	\$ 23.00	\$ 46.00
* substitue Wichard U-Bolt if desired	•	TOTAL	\$472.07



KT Kong Tango Carabiner \$32.95



Wichard U-Bolt 316SS 8mm 2400kg WL 4800kg BS\* 10mm 3600kg WL 7000 BS\* p/;n 65351



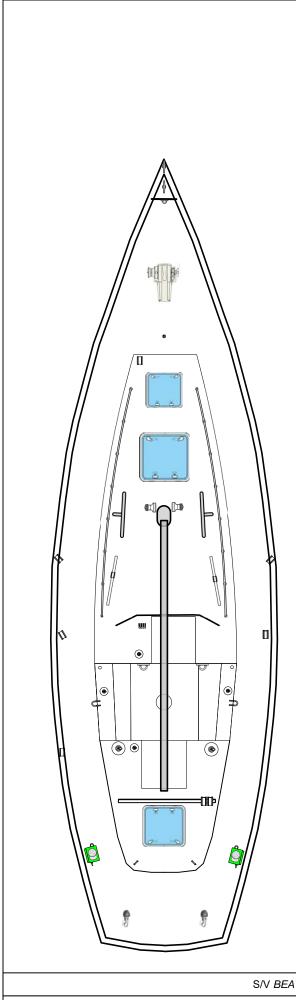
Harken 627 57mm 4200kg WL\*



Sea-Dog Bow Eye 3/6" 7250kg BS 304SS p/n 080033

S/V BEATRIX - KELLY-PETERSON 44 #286 (1980)

TITLE				PAGE						
	Running Rigging - Deck Gear - Jackstay Tethers, Carabiners and Padeyes									
REV.	DESCRIPTION	DATE	BY	RunningRiggingDiagrams_D.vsd						
D		31/03/2022	JMS	Scale: 3/16" = 1'-0"						



S/V BEATRIX - KELLY-PETERSON 44 #286 (1980)								
TITLE				PAGE				
	Running Rigging - Deck Plan			13 OF 17				
REV.	DESCRIPTION	DATE	BY	RunningRiggingDiagrams_D.vsd				
D		31/03/2022	JMS	Scale: 3/16" = 1'-0"				

