



MAST STEP TYPE	STICK	EXP	IN	LY	IN
KEEL STEPPED	60'-0"	31.25	14.20		
DECK STEPPED	53'-4"	39.00	15.30		

DIMENSIONS SHOWN IN BRACKETS ( ) ARE FOR DECK STEPPED MAST. PILLAR TO BE 3" ICH 40 PIPE w/ 3.50" O.D. = 0.216" WALL STEEL



ID	DESCRIPTION	NO. OFF	WIRE DIA	TURN BACK	MW	LENCH	NOTES
A	HEADSTAY	1	7/32	7/2"	10,300	55'-8"	
B	FORESTAY	1	7/16	7/2"	8,200	37'-3"	
C	BACKSTAY	2	7/32	3/8"	6,300	57'-6"	
D	RUNNING BACKSTAY	2	7/32	-	4,300	35'-0"	W/ 4 FEET PURCHASE OF 7/2" BLOCKS TO TURNING BLOCK
E	LOWER SHROUD	4	7/32	7/2"	10,300	20'-8"	
F	INTERMEDIATE *	2	7/32	7/2"	10,300	37'-5"	
G	UPPER SHROUD	2	7/32	7/2"	10,300	55'-4"	

1. LENGTHS ARE GIVEN EYE TO EYE INCLUDING TOBBLES.
2. LENGTH FOR RUNNING BACKSTAY IS FOR WIRE ONLY LENGTH FOR BLOCKS PURCHASE TO BE 3'-6" TIGHT & 4'-0" RELAXED.
3. ALL WIRE TO BE TYPE 304 OR 316 SS WIRE OF 1X19 CONSTRUCTION.
4. TURNBUCKLES TO BE TYPE 316 SS OR SILICON BRONZE WITH TOBBLES. OPEN BODY STYLE PREFERABLE.

SAIL	LOFF	LEECH	FOOT	L.P.	AREA	WT. OZ./SQ.	NOTES
MAINSAIL	47'-0"	-	16'-0"	-	376	7.5	RP PIS @ 7/16" 1510'
STAYSAIL	33'-9"	32'-0"	11'-4"	10'-10"	103	7.0	
GENOA (135%)	51'-9"	50'-0"	23'-2"	22'-2"	573	5.5	
CRUISING SPINNAKER	TO SWIT				1190	1	

1. DIMENSIONS ARE TO INTERSECTION POINTS - STRETCHED.
2. FURLING SALES TO BE FITTED WITH FOAM FILL LOFF TO HELP MAINTAIN SHAPE WHEN PARTIALLY FURLED.
3. GENOA MAY BE OF VARIABLE CLOTH WEIGHTS. 5.5 OZ./SQ LOFF TO 7.5 OZ./SQ LEECH.
4. DIMENSIONS & WEIGHTS ARE SUGGESTED (MAY BE MODIFIED AT THE DISCRETION OF THE SAILMAKER ON OWNER'S APPROVAL).

LENGTH - HULL	39'-10"
LENGTH - LWL	32'-8"
BEAM	12'-7"
DRAFT (NOMINAL)	5'-11"
DISPLACEMENT (NOMINAL)	27,300 LBS.
BALLAST (LEAD)	8,500 LBS.
SAIL AREA (100% FORE Δ)	1350
POUNDS/INCH IMMERSION	0.53
CP (MEAN)	0.53
AWC	398 FT <sup>3</sup>
R SA/WLS	2.05
R SA/DISP	14.4
R DISP - LENGTH LWL	352
POWER (DIESEL)	40 HP.
FUEL	140 U.S.G.
WATER	120 U.S.G.

NO.	DATE	DESCRIPTION
REVISIONS		
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VESSEL: "FELICITY" FLUSH DECK STEEL CUTTER.		
TITLE: SAIL PLAN & RIGGING DETAILS		
J. SIMPSON LTD. MARINE ARCHITECTS AND CONSULTANTS		
SCALE:	DATE:	SCALE:
C/S	JUNE 10 '86	1/4" = 1'-0"
REVISION:		NO. 86-390-3A

J. Simpson Ltd.  
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NOMINAL CONDITION INCLUDES ALL GEAR STORES BUT FUEL & WATER AT 50% CAPACITY