

FORM OF COMPARISON OF SCANTLINGS OF IRON AND STEEL SHIPS WITH THE  
RULES OF LLOYD'S REGISTER FOR 1885.

Builder's Name and No. AILSA S B & CO - N° 383

ONE, OR TWO DECKED, THREE DECKED, VESSEL,  
SPAR, OR AWNING-DECKED VESSEL.

Half Breadth (moulded) ... ..	20.00
Depth from upper part of Keel to top of Upper Deck Beams ...	12.16
Girth of Half Midship Frame (as per Rule) ... ..	28.25
	<u>60.41</u>

1st Number, if a 3-Decked Vessel deduct 7 ft....

Length ... POST 6"; STEM 6" ... 151.00

2nd Number ... .. 9121.9

Proportions—*Breadth to Length* ... .. 3:1  
*Depth to Keel* ... .. 13:4

Depth to Length—Upper Deck to Keel		...	...	...	...
36: 10-11-12	...	...	...	...	...

allowance for a normal round up of beam.

\* The actual depth to top of beam should be reported without any allowance for a normal round up of beam.

SHIP.						RULE.					
Inches			Inches			Inches			Inches		
20ths			20ths			20ths			20ths		
FRAMING.											
FRAME, Angle, Channel, Zed or Bulb Angle for 1/2 length amidships	4	3	7								
" Distance of Frames from moulding edge to moulding edge, all fore & aft	22										
REVERSED FRAME Angle											
REVERSED ANGLES on floors and frames extend	LEVEL BETWEEN FRAMES										
DEPTH OF FRAME GIRDER											
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	14		7								
" height extended at the Bilges	LEVEL										
FLOORS AND BRACKETS in Cell Double Bottoms											
Distance apart											
CENTRE GIRDER, in Double Bottom, depth and thickness	21 1/2	17 1/2	8								
" Angles, Top (2) 3 1/2 x 3 1/2 x 8 Bottom	3	3	7								
SIDE GIRDERS, number and thickness	1	3	8								
" Angles	5	3	8								
MARGIN PLATE, depth (exclusive of flange) and thickness											
" Angles											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake											
" In Engine and Boiler Space											
" Remainder in Holds											
BEAMS, Upper Spar and Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars	7	3	8								
" Angles on upper edge											
Average space	44										
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars											
" Angles on upper edge											
Average space											
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars											
" Angles on upper edge											
Average space											
BEAMS, Hold, or Orlop, Plate or Tee Bulb, Angles or Channel Bars											
" Angles on upper edge											
Average space											
BEAMS, Poop and Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars											
" Angles on upper edge	PROMENADE										
Average space											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars	4	2 1/2	6								
" Angles on upper edge											
Average space											
PILLARS, Hold, No. of rows and diameter. IRON 3" TUBE											
PILLARS, Deck, No. of rows and diameter. IRON 3" TUBE											
" Spacing at middle line 44 at sides											
" Are heads of pillars attached to fore and aft girders under beams											
WEB-FRAMES, in Machinery Space, No. and spacing											
" breadth and thickness	ON FRAMES										
" No. of Side Stringers	45, 52, 60										
WEB-FRAMES, in Fore Body, No. and spacing											
" breadth and thickness	4	70									
" No. of Side Stringers 1 ANGLE	5	3	8								
WEB-FRAMES, in After Body, No. and spacing											
" breadth & thickness	ON FRAMES										
" 1 No. of Side Stringers 45 x 3 x 8	7, 17, 27, 43										
" Size of Angles or Tee Bars to Web Frames	5 PLATING 20										
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal											
" Rider Plates (2)	12		8								
" Bulb Plate to Intercoastal											
" Horizontal Plates on Floors											
" Angles, top 3 1/2 x 3 x 8 bottom	3	3	7								
SIDE KEELSON, Angles	HALDS 5	3	8								
" Bulb or Plate above floors, for 44 1/2 length	12		8								
" Intercoastal Plate for FULL length			8								
" Attached to outside Plating with Angle	3	3	6								
BILGE KEELSON, Angle FARMED BY WING											
" Bulb or Plate above floors, for LONG BULKHEADS											
" length											
" Intercoastal Plate for length											
" Attached to outside Plating with Angle	3	3	7								
BILGE STRINGER, Angles											
" Bulb Plate for length											
" Intercoastal Plate for length											
" Attached to outside Plating with Angle											
SIDE STRINGER, Angles											
" Bulb or Intercoastal Plate for lng.											
" Attached to outside Plating with Angle											
Stringer Plate on ends of Upper Spar or Awning Deck Beams, breadth and thickness. Doubling Plate	54		7								
" Angle on Stringer	3	3	7								
" Deck, Iron or Steel for FULL length	5-4										
" Deck Wood, Material and thickness	3		TEAK.								
Middle Deck Stringer Plate, breadth and thickness											
" Deck, Iron or Steel for length											
" Wood Deck, Material and thickness for length											
Lower Deck Stringer Plate, breadth and thickness											
" Deck, Material and thickness for length											
Hold or Orlop Stringer Plate, breadth and thickness											
" Deck, Material and thickness for length											
" Face Plate Face Angles											
BAR KEEL, depth and thickness											
FLAT PLATE KEEL, breadth and thickness	42		10								
" Doubling or inch thickness and length applied											
PLATES in Garboard Strakes & thickness	A	7									
" Strake	B	8		C	7						
"	D	7		E	7						
"	F	9									
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N.B.—The printed words which do not apply should be carefully deleted by the Surveyor.



# RIVETING.

Landings LOWER EDGES OF SHEER & BILGE STRAKES & EDGES OF KEEL PLATES DR  
—REMAINDER SINGLE

Butts of Flat Keel Plate ...	...	...	...	STRAPPED 3RS	for FULL length	_____	at ends.
Garboard Strakes ...	...	...	...	LAPPED 2RS	for " length	_____	at ends.
Bottom Plating ...	...	...	...	" " "	for " length	_____	at ends.
Bilge " ...	...	...	...	STRAPPED 3RS	for 1/2 length	2 RS	at ends.
Side " ...	...	...	...	" 2RS	for FULL length	_____	at ends.
Main Sheerstrake ...	...	...	...	STRAPPED 3RS	for 1/2 length	2 RS	at ends.
<del>Doubling at Main Sheerstrake ...</del>	<del>...</del>	<del>...</del>	<del>...</del>		for length		at ends.
Strake between Main and Upper Sheerstrake					for length		at ends.
Doubling to above Strake ...	...	...	...		for length		at ends.
Upper Sheerstrake ...	...	...	...		for length		at ends.
Doubling at Upper Sheerstrake ...	...	...	...		for length		at ends.
Upper Deck Stringer ...	...	...	...	STRAPPED 2RS	for FULL length	_____	at ends.
<del>Doubling to Upper Deck Stringer ...</del>	<del>...</del>	<del>...</del>	<del>...</del>		for length		at ends.
<del>Main Deck Stringer ...</del>	<del>...</del>	<del>...</del>	<del>...</del>		for length		at ends.

## GENERAL REMARKS.

State the quality of Workmanship and present condition of Vessel:—

THE VESSEL IS A SISTER VESSEL TO SAME  
BUILDER'S N° 382 "J. FARLEY" GLS REPORT N° A1850  
& HAS BEEN BUILT TO PLANS APPROVED.  
THE WORKMANSHIP IS EXCELLENT

Surveyor's Signature

*J. L. C. Meek*

NOTE.—Any special feature such as partial Steel or Iron Bulkheads in the 'tween Decks, should be fully reported on and, if necessary, the Surveyor's remarks should be illustrated by sketches.



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