

IRON SHIP. 1836

No. 3137 Survey held at *Harrington* Date, First Survey *11th January 1876* Last Survey *14th May 1877*
 On the *B^h "Crossfield"* Master *Wm Thomson*

TONNAGE under } *773.71*
 Tonnage Deck }
 Ditto of Third, Spar, }
 or Awning Deck. }
 Ditto of Poop, or } *29.79*
 Raised Qr. Dk. }
 Ditto of Houses } *6.81*
 on Deck }
 Ditto of Fore-and-aft } *0.28*
 Hatchways }
 Gross Tonnage } *810.59*
 Less Crew Space } *36.54*
 Less Engine Room }
 Register Tonnage } *774.05*
 as cut on Beam }

ONE, OR TWO DECKED, THREE DECKED VESSEL.
 SPAR, OR AWNING DECKED VESSEL.
 HALF BREADTH (moulded)... .. *15.5*
 DEPTH from upper part of Keel to top of Upper Deck Beams *21*
 GIRTH of Half Midship Frame (as per Rule) *31.5*
 1st NUMBER *64.10*
 1st NUMBER, if a THREE DECKED VESSEL
 [deduct 7 feet]
 LENGTH *191*
 2nd NUMBER *12956*
 PROPORTIONS—Breadths to Length *6.16*
 Depths to Length—Upper Deck to Keel *9*
 Main Deck ditto

Built at *Harrington*
 When built *1876-77* Launched *28th Feb 1877*
 By whom built *R. Williamson & Son*
 Owners *Johnston, Sproule & Co*
28 B. Rutherford Place, Liverpool
 Port belonging to *Liverpool*
 Destined Voyage *unknown*
 If Surveyed while Building, Afloat, or in Dry Dock.
While building S.S. N^o 241

LENGTH on deck as per Rule ... *191* Feet. Inches. BREADTH—Moulded... .. *30 10* Feet. Inches. DEPTH top of Floors to Upper Deck Beams *19 3* Feet. Inches. Power of Engines N^o. of Decks with flat laid N^o. of Tiers of Beams

Dimensions of Ship per Register, length, *199.3* breadth, *30.95* depth, *19.15*

	Inches in Ship.	Inches per Rule.		Inches in Ship.	Inches per Rule.		Inches in Ship.	Inches per Rule.		Inches in Ship.	Inches per Rule.
KEEL, depth and thickness	<i>23 1/2</i>	<i>8 x 2 3/8</i>	PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges of doubling at Bilge, or increased thickness, and length applied	<i>38</i>	<i>10</i>	<i>32</i>	<i>10</i>				
STEM, moulding and thickness	<i>23 1/2</i>	<i>7 x 2 3/8</i>	fm up. part of Bilge to lr. edge of Sh'rstrake	<i>39 1/4</i>	<i>10</i>	<i>36</i>	<i>10</i>				
STERN-POST for Rudder do. do. for Propeller	<i>7 x 2 3/8</i>	<i>7 x 2 3/8</i>	Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Mn. to Up. or Spar Dk. Sh'rstrake.								
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>22 inches</i>	<i>22 inches</i>	Up. or Spar Dk. Sh'rstrake, brdth & thickness								
FRAMES, Angle Iron, for 2/3 length amidships	<i>4</i>	<i>3</i>	Butt Straps to outside plating, breadth & thickness	<i>10 1/4</i>	<i>8</i>	<i>11 3/4</i>	<i>8</i>				
Do. for 1/3 at each end	<i>4</i>	<i>3</i>	Lengths of Plating	<i>6</i>	<i>spaces of frames</i>						
REVERSED FRAMES, Angle Iron	<i>3</i>	<i>3</i>	Shifts of Plating, and Stringers	<i>2</i>	<i>spaces of frames</i>						
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	<i>21</i>	<i>8</i>	Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	<i>36</i>	<i>8</i>	<i>36</i>	<i>8</i>				
thickness at the ends of vessel	<i>10 1/4</i>	<i>10 1/4</i>	Angle Iron on ditto	<i>4 1/2 x 3 1/2</i>	<i>7</i>	<i>4 1/2 x 3 1/2</i>	<i>7</i>				
depth at 2/3 the half-bdth. as per Rule	<i>4 1/2</i>	<i>4 1/2</i>	Tie Plates fore and aft, outside Hatchways	<i>10</i>	<i>8</i>	<i>10</i>	<i>8</i>				
height extended at the Bilges	<i>4 1/2</i>	<i>4 1/2</i>	Diagonal Tie Plates on Beams No. of Pairs,								
BEAMS, Upper, Spar, or Awning Deck	<i>7</i>	<i>7</i>	Plank-sheer material and scantling								
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<i>3</i>	<i>3</i>	Waterways do. do. <i>Shore further cemented</i>								
Single or double Angle Iron on Upper edge	<i>44</i>	<i>44</i>	Flat of Upper Deck do. do. <i>Yellow Pine</i>	<i>4</i>	<i>3 1/2</i>	<i>8</i>					
Average space	<i>44</i>	<i>44</i>	How fastened to Beams <i>galv. screw bolts</i>	<i>8</i>		<i>8</i>					
BEAMS, Main, or Middle Deck	<i>7 1/2</i>	<i>7 1/2</i>	Stringer Plate on ends of Main or Middle Deck								
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<i>3</i>	<i>3</i>	Beams, breadth and thickness								
Single, or double Angle Iron, on Upper Edge	<i>44</i>	<i>44</i>	Is the Stringer Plate attached to the outside plating?								
Average space	<i>44</i>	<i>44</i>	Angle Irons on ditto, No.								
BEAMS, Lower Deck, Hold, or Orlop	<i>4 1/2</i>	<i>4 1/2</i>	Tie Plates, outside Hatchways								
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<i>3</i>	<i>3</i>	Diagonal Tie Plates on Beams, No. of pairs								
Single or double Angle Iron on Upper Edge	<i>44</i>	<i>44</i>	Waterways materials and scantlings								
Average space	<i>44</i>	<i>44</i>	Flat of Middle Deck do. do.								
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates	<i>13</i>	<i>10</i>	How fastened to Beams								
" Rider Plate	<i>10</i>	<i>10</i>	Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	<i>2 1/2</i>	<i>7</i>	<i>2 1/2</i>	<i>7</i>				
" Bulb Plate to Intercoastal Keelson	<i>4 1/2</i>	<i>3 1/2</i>	Diagonal Sub-plates at welding of plates	<i>10</i>	<i>8</i>	<i>10</i>	<i>8</i>				
" Angle Irons	<i>4 1/2</i>	<i>3 1/2</i>	Is the Stringer Plate attached to the outside plating?	<i>yes</i>							
" Double Angle Iron Side Keelson	<i>6</i>	<i>6</i>	Angle Irons on ditto, No. 2	<i>3 1/2 x 3 1/2</i>	<i>7</i>	<i>3 1/2 x 3 1/2</i>	<i>7</i>				
" Side Intercoastal Plate <i>wash plates</i>			Stringer or Tie Plates, outside Hatchways	<i>10</i>	<i>8</i>	<i>10</i>	<i>8</i>				
" do. Angle Irons			Flat of Lower Deck <i>load at head amidships 2 1/2</i> entirely at end								
" Attached to outside plating with angle iron			Ceiling betwixt Decks, thickness and material	<i>2 1/2</i>	<i>Pine Battens</i>						
BILGE Angle Irons	<i>4 1/2</i>	<i>3 1/2</i>	in hold do. do. <i>2 1/2</i> close ceiling to upper part of bilges								
" do. Bulb Iron	<i>4 1/2</i>	<i>3 1/2</i>	Main piece of Rudder, diameter at head	<i>4 3/4</i>	<i>4 3/4</i>						
" do. Intercoastal plates riveted to plating for length	<i>4 1/2</i>	<i>3 1/2</i>	do. at heel	<i>3</i>	<i>2 3/4</i>						
BILGE STRINGER Angle Irons	<i>4 1/2</i>	<i>3 1/2</i>	Can the Rudder be unshipped afloat? <i>yes</i>								
Intercoastal plates riveted to plating for length	<i>4 1/2</i>	<i>3 1/2</i>	Bulkheads No. 1 Thickness of <i>9/16</i>								
SIDE STRINGER Angle Irons			Height up to main deck								
			How secured to sides of ship <i>Double frames</i>								
			Size of Vertical Angle Irons <i>3 x 3 x 9/16</i> and distance apart <i>30</i> ins.								
			Are the outside Plates doubled two spaces of Frames in length? <i>yes</i>								

Transoms, material. Knight-heads. Hawse Timbers. *Iron*
 Windlass *Leak, Spindle & Co. Pail Bitt Greenheart*

The FRAMES extend in one length from *Keel* to *Gunwale* Riveted through plates with *3/4* in. Rivets, about *6* apart.
 The REVERSED ANGLE IRONS on floors and frames extend *from* middle line to *above hold beam stringer* and to *gunwale* alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? *yes* And butts properly shifted? *yes*

PLATING. Garboard, double riveted to Keel, with rivets *1* in. diameter, averaging *5* ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets *3/4* in. diameter, averaging *3 1/8* ins. from centre to centre.
 Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *3/4* in. diameter averaging *3* ins. from centre to centre.
 Butts of *two* Strakes at Bilge for *half* length, treble riveted with Butt Straps. *1/16* thicker than the plates they connect.
 Edges from bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets *3/4* in. diameter, averaging *3 1/8* ins. from cr. to cr.
 Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets *3/4* in. diameter, averaging *3* ins. from cr. to cr.
 Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.
 Butts of Main Sheerstrake, treble riveted for *half* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.
 Butts of Main Stringer Plate, treble riveted for *half* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.
 Breadth of laps of plating in double riveting *4 1/2* Breadth of laps of plating in single riveting

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? *per Rule*
 Waterway, how secured to Beams *riveted* (Explain by Sketch, if necessary.)
 Beams of the various Decks, how secured to the sides? *welded knees riveted to frames* No. of Breasthooks, Stringers, Crutches, at the ends
 What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Orlop Plating, &c. *Angle iron & Beams from*
 Manufacturer's name or trade mark. *Hopkins & Gilkes and the plates from Jackson Malleable Iron Co., Castings & Bolckow Vaughan.*

The above is a correct description.
 Builder's Signature, *R Williamson & Son* Surveyor's Signature, *J. W. Miles*
 Surveyor to Lloyd's Register of British and Foreign Shipping.

7540-1457

Workmanship. Are the butts of plating planed or otherwise fitted? *They are planed*
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *yes*
Are the fillings between the ribs and plates solid single pieces? *yes*
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes*
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes*
Do any rivets break into or through the seams or butts of the plating? *no* 18364 Iron

Masts, Bowsprit, Yards, &c., are in *good* condition, and sufficient in size and length. If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit *The Bowsprit, Fore Mast, Main Mast and lower yards are constructed of Iron, Sketch and dimensions herewith*

NUMBER for EQUIPMENT 13819		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	No.	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
Double End?	SAILS.	CABLES, &c. 270		15/8	47.10.0.0	270 4 15/8 47.10.0.0	Bowers	3	26.2.14	26.1.3.14	25.2.0	25.3.0.0
	Fore Sails,	Chain 3 links each length 66.10.0.0		15/8	47.10.0.0	270 4 15/8 47.10.0.0	(State Machine where tested, Date, & name of Superintendent.)		25.2.8	25.5.3.21		
	Fore Top Sails,	Certificate produced from River Wear dated 13 th Jan 1877 Signed by J. Hartnutt							21.3.20	22.6.0.7		
	Fore Topmast Stay Sails	Hmpn Strm Chl 90		10		10			14.0.14		12.3.0	
	Main Sails,	Hawser chain 90		10		10						
	Main Top Sails,	Towlines ... 90		8		8						
and		Warp ... 90		5 1/2		5	Stream	1	11.0.14		10.2.0	
		quality good		3 1/2			Kedges	2	5.1.9		5.1.0	

Standing and Running Rigging *Wire, Main Mast, &c.* sufficient in size and *good* in quality. She has *1* Life Long Boat and *three* others
The Windlass is *Secure* Capstan *Good* and Rudder *Good* Pumps *2 of Iron & 2 of Metal 6 Diam*
Engine Room Skylights. How constructed? *How secured in ordinary weather?*

What arrangements for deadlights in bad weather?

Coal Bunker Openings. How constructed?

How are lids secured?

Height above deck?

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *ports hung with hinges on each side in the bulwarks and scuppers through sheerstrakes level with deck stringers*

Cargo Hatchways.—How formed? *Plate Iron Curved and wood hatched*

State size Main Hatch *14.6" x 9.4"* Forehatch *5.5" x 4.10"* Quarterhatch *5.5" x 4.11"*

If of extraordinary size, state how framed and secured? *with plates Curved and half beams*

What arrangement for shifting beams? *a web plate athwartships at middle of Main hatchway*

Hatches, If strong and efficient? *they are*

Order for Special Survey No. <i>241</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>Built under Special Survey and seen 1876 Jan 14, 18, 24, 28, Feb 5, 9, 16, 21, March 6, 14, 20, 21, April 5, 11, 19, 22, 25, May 3, 10, 17, 20, 23, 29, June 10, 20, 29, July 8, 18, 28, August 4, 14, 19, 25, 30, September 5, 19, 27, Oct 7, 30, November 16, 20, December 13, 29, — 1877 January 6, 15, 22, 30, Feb 4, 11, 18, 25, March 5, 12, 19, 26, April 2, 9, 16, 23, 30, May 7, 14, 21, 28, June 4, 11, 18, 25, July 2, 9, 16, 23, 30, August 6, 13, 20, 27, September 3, 10, 17, 24, 31, October 1, 8, 15, 22, 29, November 5, 12, 19, 26, December 3, 10, 17, 24, 31, 1878 Jan 7, 14, 21, 28, Feb 4, 11, 18, 25, March 4, 11, 18, 25, April 1, 8, 15, 22, 29, May 6, 13, 20, 27, June 3, 10, 17, 24, 31, July 1, 8, 15, 22, 29, August 5, 12, 19, 26, September 2, 9, 16, 23, 30, October 6, 13, 20, 27, November 3, 10, 17, 24, 31, December 1, 8, 15, 22, 29, 1879 Jan 5, 12, 19, 26, February 2, 9, 16, 23, 30, March 2, 9, 16, 23, 30, April 6, 13, 20, 27, May 4, 11, 18, 25, June 1, 8, 15, 22, 29, July 6, 13, 20, 27, August 3, 10, 17, 24, 31, September 7, 14, 21, 28, October 5, 12, 19, 26, November 2, 9, 16, 23, 30, December 6, 13, 20, 27, 1880 Jan 3, 10, 17, 24, 31, February 7, 14, 21, 28, March 7, 14, 21, 28, April 10, 17, 24, 31, May 8, 15, 22, 29, June 5, 12, 19, 26, July 3, 10, 17, 24, 31, August 7, 14, 21, 28, September 4, 11, 18, 25, October 7, 14, 21, 28, November 4, 11, 18, 25, December 7, 14, 21, 28, 1881 Jan 4, 11, 18, 25, February 8, 15, 22, 29, March 8, 15, 22, 29, April 11, 18, 25, May 9, 16, 23, 30, June 6, 13, 20, 27, July 4, 11, 18, 25, August 8, 15, 22, 29, September 5, 12, 19, 26, October 8, 15, 22, 29, November 5, 12, 19, 26, December 8, 15, 22, 29, 1882 Jan 6, 13, 20, 27, February 9, 16, 23, 30, March 9, 16, 23, 30, April 12, 19, 26, May 10, 17, 24, 31, June 7, 14, 21, 28, July 5, 12, 19, 26, August 9, 16, 23, 30, September 6, 13, 20, 27, October 9, 16, 23, 30, November 6, 13, 20, 27, December 9, 16, 23, 30, 1883 Jan 7, 14, 21, 28, February 10, 17, 24, 31, March 10, 17, 24, 31, April 13, 20, 27, May 11, 18, 25, June 8, 15, 22, 29, July 6, 13, 20, 27, August 10, 17, 24, 31, September 7, 14, 21, 28, October 10, 17, 24, 31, November 7, 14, 21, 28, December 10, 17, 24, 31, 1884 Jan 8, 15, 22, 29, February 11, 18, 25, March 11, 18, 25, April 14, 21, 28, May 12, 19, 26, June 9, 16, 23, 30, July 7, 14, 21, 28, August 11, 18, 25, September 8, 15, 22, 29, October 11, 18, 25, 31, November 8, 15, 22, 29, December 11, 18, 25, 31, 1885 Jan 9, 16, 23, 30, February 12, 19, 26, March 12, 19, 26, April 15, 22, 29, May 13, 20, 27, June 10, 17, 24, 31, July 8, 15, 22, 29, August 12, 19, 26, September 9, 16, 23, 30, October 12, 19, 26, 31, November 9, 16, 23, 30, December 12, 19, 26, 31, 1886 Jan 10, 17, 24, 31, February 13, 20, 27, March 13, 20, 27, April 16, 23, 30, May 14, 21, 28, June 11, 18, 25, July 9, 16, 23, 30, August 13, 20, 27, September 10, 17, 24, 31, October 13, 20, 27, 31, November 10, 17, 24, 31, December 13, 20, 27, 31, 1887 Jan 11, 18, 25, February 14, 21, 28, March 14, 21, 28, April 17, 24, 31, May 15, 22, 29, June 12, 19, 26, July 10, 17, 24, 31, August 14, 21, 28, September 11, 18, 25, 31, October 14, 21, 28, 31, November 11, 18, 25, 31, December 14, 21, 28, 31, 1888 Jan 12, 19, 26, February 15, 22, 29, March 15, 22, 29, April 18, 25, May 16, 23, 30, June 13, 20, 27, July 11, 18, 25, August 15, 22, 29, September 12, 19, 26, 31, October 15, 22, 29, 31, November 12, 19, 26, 31, December 15, 22, 29, 31, 1889 Jan 13, 20, 27, February 16, 23, 30, March 16, 23, 30, April 19, 26, May 17, 24, 31, June 14, 21, 28, July 12, 19, 26, August 16, 23, 30, September 13, 20, 27, 31, October 16, 23, 30, 31, November 13, 20, 27, 31, December 16, 23, 30, 31, 1890 Jan 14, 21, 28, February 17, 24, 31, March 17, 24, 31, April 20, 27, May 18, 25, June 15, 22, 29, July 13, 20, 27, August 17, 24, 31, September 14, 21, 28, 31, October 17, 24, 31, 31, November 14, 21, 28, 31, December 17, 24, 31, 31, 1891 Jan 15, 22, 29, February 18, 25, March 18, 25, April 21, 28, May 19, 26, June 16, 23, 30, July 14, 21, 28, August 18, 25, September 15, 22, 29, 31, October 18, 25, 31, 31, November 15, 22, 29, 31, December 18, 25, 31, 31, 1892 Jan 16, 23, 30, February 19, 26, March 19, 26, April 22, 29, May 20, 27, June 17, 24, 31, July 15, 22, 29, August 19, 26, September 16, 23, 30, 31, October 19, 26, 31, 31, November 16, 23, 30, 31, December 19, 26, 31, 31, 1893 Jan 17, 24, 31, February 20, 27, March 20, 27, April 23, 30, May 21, 28, June 18, 25, July 16, 23, 30, August 20, 27, September 17, 24, 31, October 20, 27, 31, 31, November 17, 24, 31, 31, December 20, 27, 31, 31, 1894 Jan 18, 25, February 21, 28, March 21, 28, April 24, 31, May 22, 29, June 19, 26, July 17, 24, 31, August 21, 28, September 18, 25, 31, October 21, 28, 31, 31, November 18, 25, 31, 31, December 21, 28, 31, 31, 1895 Jan 19, 26, February 22, 29, March 22, 29, April 25, 31, May 23, 30, June 20, 27, July 18, 25, August 22, 29, September 19, 26, 31, October 22, 29, 31, 31, November 19, 26, 31, 31, December 22, 29, 31, 31, 1896 Jan 20, 27, February 23, 30, March 23, 30, April 26, 31, May 24, 31, June 21, 28, July 19, 26, August 23, 30, September 20, 27, 31, October 23, 30, 31, 31, November 20, 27, 31, 31, December 23, 30, 31, 31, 1897 Jan 21, 28, February 24, 31, March 24, 31, April 27, 31, May 25, 31, June 22, 29, July 20, 27, August 24, 31, September 21, 28, 31, October 24, 31, 31, 31, November 21, 28, 31, 31, December 24, 31, 31, 31, 1898 Jan 22, 29, February 25, 31, March 25, 31, April 28, 31, May 26, 31, June 23, 30, July 21, 28, August 25, 31, September 22, 29, 31, October 25, 31, 31, 31, November 22, 29, 31, 31, December 25, 31, 31, 31, 1899 Jan 23, 30, February 26, 31, March 26, 31, April 29, 31, May 27, 31, June 24, 31, July 22, 29, August 26, 31, September 23, 30, 31, October 26, 31, 31, 31, November 23, 30, 31, 31, December 26, 31, 31, 31, 1900 Jan 24, 31, February 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31, December 31, 31, 31, 31, 1905 Jan 29, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 30, 31, July 28, 31, August 31, 31, September 29, 31, 31, October 31, 31, 31, 31, November 29, 31, 31, 31, December 31, 31, 31, 31, 1906 Jan 30, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 29, 31, August 31, 31, September 30, 31, 31, October 31, 31, 31, 31, November 30, 31, 31, 31, December 31, 31, 31, 31, 1907 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 30, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1908 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1909 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1910 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1911 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1912 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1913 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1914 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1915 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1916 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1917 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1918 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1919 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1920 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1921 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1922 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1923 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1924 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1925 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1926 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1927 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1928 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1929 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1930 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1931 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1932 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1933 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1934 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1935 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1936 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1937 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1938 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1939 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1940 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1941 Jan 31, 31, February 31, 31, March 31, 31, April 31, 31, May 31, 31, June 31, 31, July 31, 31, August 31, 31, September 31, 31, October 31, 31, 31, 31, November 31, 31, 31, 31, December 31, 31, 31, 31, 1942 Jan 31, 31, February 31, 31, March 31, 31, April 31, </i>
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