

IRON SHIP.

No. 27820 Surveyed at Preston Date, First Survey May 16/81 Last Survey Oct 27-1881.  
On the S.S. ship "Jackal" Yard Number 67 Master R. C. Downer

TONNAGE under 115.29 ONE, OR TWO DECKED, THREE DECKED VESSEL.  
Tonnage Deck Spar, OR AWNING-DECKED VESSEL.  
Ditto of Third, Spar, HALF BREADTH (moulded)... 9.50  
or Awning Deck. DEPTH from upper part of Keel to top of Upper Deck Beams 8.41  
Ditto of Poop, or Raised Qr. Dk. GIRTH of Half Midship Frame (as per Rule) 15.50  
Ditto of Houses on Deck 1st NUMBER 33.41  
Ditto of Forecastle 1st NUMBER, if a THREE-DECKED VESSEL deduct 7 feet  
Gross Tonnage 115.29 LENGTH 89  
Less Crew Space 2nd NUMBER 2973.49  
Less Engine Room 36.89 PROPORTIONS—Breadths to Length 4.6  
Register Tonnage as out on Beam 78.40 Depths to Length—Upper Deck to Keel 10.5  
Main Deck ditto

Built at Preston  
When built 1881 Launched 27/11/81  
By whom built R. Smith  
Owners James & H. H. H. B. B.  
Port belonging to Preston  
Destined Voyage Natal  
If Surveyed while Building, Afloat, or in Dry Dock.  
On the Ship and afloat.

LENGTH on deck as 89 Feet. Inches. BREADTH—Moulded... 19 0 Feet. Inches. DEPTH top of Floors to Upper Deck Beams 7 8 1/2 Feet. Inches. Power of Engines 30 Horse. No. of Decks with flat laid one No. of Tiers of Beams one  
Dimensions of Ship per Register, length, 89.2 breadth, 19.0 depth, 7.5

KEEL, depth and thickness Plate 30 x 8 1/16  
STEM, moulding and thickness 5 1/2 x 1 1/8  
STERN-POST for Rudder do. do. 5 1/2 x 2 1/4  
for Propeller 5 1/2 x 2 1/4  
Distance of Frames from moulding edge to moulding edge, all fore and aft 18 5/16  
FRAMES, Angle Iron, for 3/4 length amidships Do. for 1/2 at each end 3 3  
REVERSED FRAMES, Angle Iron 2 1/2 2 1/2  
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships 10 1/2 x 4  
thickness at the ends of vessel 12 x 6  
depth at 3/4 the half-bdth. as per Rule 8 1/2 x 4  
height extended at the Bilges 21  
BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 5 3 6  
Single or double Angle Iron on Upper edge 36 6 40  
Average space 40 ins  
BEAMS, Main or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron  
Single, or double Angle Iron, on Upper Edge  
Average space  
BEAMS, Lower Deck, Hold or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron  
Single or double Angle Iron on Upper Edge  
Average space  
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates 14 x 4  
Rider Plate 6 x 6  
Bulb Plate to Intercoastal Keelson 3 x 3  
Angle Irons 3 x 3  
Double Angle Iron Side Keelson 3 x 3  
Side Intercoastal Plate 3 x 3  
do. Angle Irons 3 x 3  
Attached to outside plating with angle iron

BILGE Angle Irons 3 3 6  
do. Bulb Iron 6 x 6  
do. Intercoastal plates riveted to plating for length 3 3 6  
BILGE STRINGER Angle Irons 3 3 6  
Intercoastal plates riveted to plating for length 3 3 6  
SIDE STRINGER Angle Irons 3 3 6  
Bulb to d'ble 6 x 6  
ransoms, material. Knight-heads. Hawse Timbers. Iron plates & angles  
Indlass Iron punch Pall Bitt English Oak  
and 8. Oak. in. Piece Keel  
FRAMES extend in one length from to gunwale  
REVERSED ANGLE IRONS on floors and frames extend across middle line to upper part of bilge 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 3/4 in. diameter, averaging 3/4 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 3/4 ins. from centre to centre.  
Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3/4 ins. from centre to centre.  
Butts from Bilge to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3/4 ins. from centre to centre.  
Edges from bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 in. diameter, averaging 3/4 ins. from cr. to cr.  
Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3/4 ins. from cr. to cr.  
Edges of Main Sheerstrake, double or single riveted.  
Butts of Main Sheerstrake, treble riveted for length amidships.  
Butts of Main Stringer Plate, treble riveted for length amidships.  
Butts of Upper or Spar Stringer Plate, treble riveted for whole length.  
Breadth of laps of plating in double riveting 4 1/2 Breadth of laps of plating in single riveting 2 3/4  
Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double. — Joint pieces of bulb iron treble riveted  
erway, how secured to Beams 9. 1. 4 x 4 screw (Explain by Sketch, if necessary.) See section approved.  
ns of the various Decks, how secured to the sides? welded knee plates No. of Breasthooks, 4 Crutches, to all fore and aft 8 ft 6 in 2 ft 6 in  
t description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Pearson & Knowles Harrington  
ufacturer's name or trade mark, marked Best (in a circle)

The above is a correct description.  
er's Signature, Richard Smith Surveyor's Signature, J. F. Smith

Flat Keel Plates, breadth and thickness 30 8 30 8  
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges 36 7 30 6  
of doubling at Bilge, or increased thickness, and length applied 5 5  
fm up. part of Bilge to l. edge of Sh'rstrake 30 7 30 6  
Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Mn. to Up. or Spar Dk. Sh'rstrake. Up. or Spar Dk Sh'rstrake, brdth & thickns 10 9 5 6 9 3/4 9 5/8  
Butt Straps to outside plating, breadth & thickness Lengths of Plating 5. 10. 15. 20. 25. 30. 35. 40. 45. 50. 55. 60. 65. 70. 75. 80. 85. 90. 95. 100. 105. 110. 115. 120. 125. 130. 135. 140. 145. 150. 155. 160. 165. 170. 175. 180. 185. 190. 195. 200. 205. 210. 215. 220. 225. 230. 235. 240. 245. 250. 255. 260. 265. 270. 275. 280. 285. 290. 295. 300. 305. 310. 315. 320. 325. 330. 335. 340. 345. 350. 355. 360. 365. 370. 375. 380. 385. 390. 395. 400. 405. 410. 415. 420. 425. 430. 435. 440. 445. 450. 455. 460. 465. 470. 475. 480. 485. 490. 495. 500. 505. 510. 515. 520. 525. 530. 535. 540. 545. 550. 555. 560. 565. 570. 575. 580. 585. 590. 595. 600. 605. 610. 615. 620. 625. 630. 635. 640. 645. 650. 655. 660. 665. 670. 675. 680. 685. 690. 695. 700. 705. 710. 715. 720. 725. 730. 735. 740. 745. 750. 755. 760. 765. 770. 775. 780. 785. 790. 795. 800. 805. 810. 815. 820. 825. 830. 835. 840. 845. 850. 855. 860. 865. 870. 875. 880. 885. 890. 895. 900. 905. 910. 915. 920. 925. 930. 935. 940. 945. 950. 955. 960. 965. 970. 975. 980. 985. 990. 995. 1000. 1005. 1010. 1015. 1020. 1025. 1030. 1035. 1040. 1045. 1050. 1055. 1060. 1065. 1070. 1075. 1080. 1085. 1090. 1095. 1100. 1105. 1110. 1115. 1120. 1125. 1130. 1135. 1140. 1145. 1150. 1155. 1160. 1165. 1170. 1175. 1180. 1185. 1190. 1195. 1200. 1205. 1210. 1215. 1220. 1225. 1230. 1235. 1240. 1245. 1250. 1255. 1260. 1265. 1270. 1275. 1280. 1285. 1290. 1295. 1300. 1305. 1310. 1315. 1320. 1325. 1330. 1335. 1340. 1345. 1350. 1355. 1360. 1365. 1370. 1375. 1380. 1385. 1390. 1395. 1400. 1405. 1410. 1415. 1420. 1425. 1430. 1435. 1440. 1445. 1450. 1455. 1460. 1465. 1470. 1475. 1480. 1485. 1490. 1495. 1500. 1505. 1510. 1515. 1520. 1525. 1530. 1535. 1540. 1545. 1550. 1555. 1560. 1565. 1570. 1575. 1580. 1585. 1590. 1595. 1600. 1605. 1610. 1615. 1620. 1625. 1630. 1635. 1640. 1645. 1650. 1655. 1660. 1665. 1670. 1675. 1680. 1685. 1690. 1695. 1700. 1705. 1710. 1715. 1720. 1725. 1730. 1735. 1740. 1745. 1750. 1755. 1760. 1765. 1770. 1775. 1780. 1785. 1790. 1795. 1800. 1805. 1810. 1815. 1820. 1825. 1830. 1835. 1840. 1845. 1850. 1855. 1860. 1865. 1870. 1875. 1880. 1885. 1890. 1895. 1900. 1905. 1910. 1915. 1920. 1925. 1930. 1935. 1940. 1945. 1950. 1955. 1960. 1965. 1970. 1975. 1980. 1985. 1990. 1995. 2000. 2005. 2010. 2015. 2020. 2025. 2030. 2035. 2040. 2045. 2050. 2055. 2060. 2065. 2070. 2075. 2080. 2085. 2090. 2095. 2100. 2105. 2110. 2115. 2120. 2125. 2130. 2135. 2140. 2145. 2150. 2155. 2160. 2165. 2170. 2175. 2180. 2185. 2190. 2195. 2200. 2205. 2210. 2215. 2220. 2225. 2230. 2235. 2240. 2245. 2250. 2255. 2260. 2265. 2270. 2275. 2280. 2285. 2290. 2295. 2300. 2305. 2310. 2315. 2320. 2325. 2330. 2335. 2340. 2345. 2350. 2355. 2360. 2365. 2370. 2375. 2380. 2385. 2390. 2395. 2400. 2405. 2410. 2415. 2420. 2425. 2430. 2435. 2440. 2445. 2450. 2455. 2460. 2465. 2470. 2475. 2480. 2485. 2490. 2495. 2500. 2505. 2510. 2515. 2520. 2525. 2530. 2535. 2540. 2545. 2550. 2555. 2560. 2565. 2570. 2575. 2580. 2585. 2590. 2595. 2600. 2605. 2610. 2615. 2620. 2625. 2630. 2635. 2640. 2645. 2650. 2655. 2660. 2665. 2670. 2675. 2680. 2685. 2690. 2695. 2700. 2705. 2710. 2715. 2720. 2725. 2730. 2735. 2740. 2745. 2750. 2755. 2760. 2765. 2770. 2775. 2780. 2785. 2790. 2795. 2800. 2805. 2810. 2815. 2820. 2825. 2830. 2835. 2840. 2845. 2850. 2855. 2860. 2865. 2870. 2875. 2880. 2885. 2890. 2895. 2900. 2905. 2910. 2915. 2920. 2925. 2930. 2935. 2940. 2945. 2950. 2955. 2960. 2965. 2970. 2975. 2980. 2985. 2990. 2995. 3000. 3005. 3010. 3015. 3020. 3025. 3030. 3035. 3040. 3045. 3050. 3055. 3060. 3065. 3070. 3075. 3080. 3085. 3090. 3095. 3100. 3105. 3110. 3115. 3120. 3125. 3130. 3135. 3140. 3145. 3150. 3155. 3160. 3165. 3170. 3175. 3180. 3185. 3190. 3195. 3200. 3205. 3210. 3215. 3220. 3225. 3230. 3235. 3240. 3245. 3250. 3255. 3260. 3265. 3270. 3275. 3280. 3285. 3290. 3295. 3300. 3305. 3310. 3315. 3320. 3325. 3330. 3335. 3340. 3345. 3350. 3355. 3360. 3365. 3370. 3375. 3380. 3385. 3390. 3395. 3400. 3405. 3410. 3415. 3420. 3425. 3430. 3435. 3440. 3445. 3450. 3455. 3460. 3465. 3470. 3475. 3480. 3485. 3490. 3495. 3500. 3505. 3510. 3515. 3520. 3525. 3530. 3535. 3540. 3545. 3550. 3555. 3560. 3565. 3570. 3575. 3580. 3585. 3590. 3595. 3600. 3605. 3610. 3615. 3620. 3625. 3630. 3635. 3640. 3645. 3650. 3655. 3660. 3665. 3670. 3675. 3680. 3685. 3690. 3695. 3700. 3705. 3710. 3715. 3720. 3725. 3730. 3735. 3740. 3745. 3750. 3755. 3760. 3765. 3770. 3775. 3780. 3785. 3790. 3795. 3800. 3805. 3810. 3815. 3820. 3825. 3830. 3835. 3840. 3845. 3850. 3855. 3860. 3865. 3870. 3875. 3880. 3885. 3890. 3895. 3900. 3905. 3910. 3915. 3920. 3925. 3930. 3935. 3940. 3945. 3950. 3955. 3960. 3965. 3970. 3975. 3980. 3985. 3990. 3995. 4000. 4005. 4010. 4015. 4020. 4025. 4030. 4035. 4040. 4045. 4050. 4055. 4060. 4065. 4070. 4075. 4080. 4085. 4090. 4095. 4100. 4105. 4110. 4115. 4120. 4125. 4130. 4135. 4140. 4145. 4150. 4155. 4160. 4165. 4170. 4175. 4180. 4185. 4190. 4195. 4200. 4205. 4210. 4215. 4220. 4225. 4230. 4235. 4240. 4245. 4250. 4255. 4260. 4265. 4270. 4275. 4280. 4285. 4290. 4295. 4300. 4305. 4310. 4315. 4320. 4325. 4330. 4335. 4340. 4345. 4350. 4355. 4360. 4365. 4370. 4375. 4380. 4385. 4390. 4395. 4400. 4405. 4410. 4415. 4420. 4425. 4430. 4435. 4440. 4445. 4450. 4455. 4460. 4465. 4470. 4475. 4480. 4485. 4490. 4495. 4500. 4505. 4510. 4515. 4520. 4525. 4530. 4535. 4540. 4545. 4550. 4555. 4560. 4565. 4570. 4575. 4580. 4585. 4590. 4595. 4600. 4605. 4610. 4615. 4620. 4625. 4630. 4635. 4640. 4645. 4650. 4655. 4660. 4665. 4670. 4675. 4680. 4685. 4690. 4695. 4700. 4705. 4710. 4715. 4720. 4725. 4730. 4735. 4740. 4745. 4750. 4755. 4760. 4765. 4770. 4775. 4780. 4785. 4790. 4795. 4800. 4805. 4810. 4815. 4820. 4825. 4830. 4835. 4840. 4845. 4850. 4855. 4860. 4865. 4870. 4875. 4880. 4885. 4890. 4895. 4900. 4905. 4910. 4915. 4920. 4925. 4930. 4935. 4940. 4945. 4950. 4955. 4960. 4965. 4970. 4975. 4980. 4985. 4990. 4995. 5000. 5005. 5010. 5015. 5020. 5025. 5030. 5035. 5040. 5045. 5050. 5055. 5060. 5065. 5070. 5075. 5080. 5085. 5090. 5095. 5100. 5105. 5110. 5115. 5120. 5125. 5130. 5135. 5140. 5145. 5150. 5155. 5160. 5165. 5170. 5175. 5180. 5185. 5190. 5195. 5200. 5205. 5210. 5215. 5220. 5225. 5230. 5235. 5240. 5245. 5250. 5255. 5260. 5265. 5270. 5275. 5280. 5285. 5290. 5295. 5300. 5305. 5310. 5315. 5320. 5325. 5330. 5335. 5340. 5345. 5350. 5355. 5360. 5365. 5370. 5375. 5380. 5385. 5390. 5395. 5400. 5405. 5410. 5415. 5420. 5425. 5430. 5435. 5440. 5445. 5450. 5455. 5460. 5465. 5470. 5475. 5480. 5485. 5490. 5495. 5500. 5505. 5510. 5515. 5520. 5525. 5530. 5535. 5540. 5545. 5550. 5555. 5560. 5565. 5570. 5575. 5580. 5585. 5590. 5595. 5600. 5605. 5610. 5615. 5620. 5625. 5630. 5635. 5640. 5645. 5650. 5655. 5660. 5665. 5670. 5675. 5680. 5685. 5690. 5695. 5700. 5705. 5710. 5715. 5720. 5725. 5730. 5735. 5740. 5745. 5750. 5755. 5760. 5765. 5770. 5775. 5780. 5785. 5790. 5795. 5800. 5805. 5810. 5815. 5820. 5825. 5830. 5835. 5840. 5845. 5850. 5855. 5860. 5865. 5870. 5875. 5880. 5885. 5890. 5895. 5900. 5905. 5910. 5915. 5920. 5925. 5930. 5935. 5940. 5945. 5950. 5955. 5960. 5965. 5970. 5975. 5980. 5985. 5990. 5995. 6000. 6005. 6010. 6015. 6020. 6025. 6030. 6035. 6040. 6045. 6050. 6055. 6060. 6065. 6070. 6075. 6080. 6085. 6090. 6095. 6100. 6105. 6110. 6115. 6120. 6125. 6130. 6135. 6140. 6145. 6150. 6155. 6160. 6165. 6170. 6175. 6180. 6185. 6190. 6195. 6200. 6205. 6210. 6215. 6220. 6225. 6230. 6235. 6240. 6245. 6250. 6255. 6260. 6265. 6270. 6275. 6280. 6285. 6290. 6295. 6300. 6305. 6310. 6315. 6320. 6325. 6330. 6335. 6340. 6345. 6350. 6355. 6360. 6365. 6370. 6375. 6380. 6385. 6390. 6395. 6400. 6405. 6410. 6415. 6420. 6425. 6430. 6435. 6440. 6445. 6450. 6455. 6460. 6465. 6470. 6475. 6480. 6485. 6490. 6495. 6500. 6505. 6510. 6515. 6520. 6525. 6530. 6535. 6540. 6545. 6550. 6555. 6560. 6565. 6570. 6575. 6580. 6585. 6590. 6595. 6600. 6605. 6610. 6615. 6620. 6625. 6630. 6635. 6640. 6645. 6650. 6655. 6660. 6665. 6670. 6675. 6680. 6685. 6690. 6695. 6700. 6705. 6710. 6715. 6720. 6725. 6730. 6735. 6740. 6745. 6750. 6755. 6760. 6765. 6770. 6775. 6780. 6785. 6790. 6795. 6800. 6805. 6810. 6815. 6820. 6825. 6830. 6835. 6840. 6845. 6850. 6855. 6860. 6865. 6870. 6875. 6880. 6885. 6890. 6895. 6900. 6905. 6910. 6915. 6920. 6925. 6930. 6935. 6940. 6945. 6950. 6955. 6960. 6965. 6970. 6975. 6980. 6985. 6990. 6995. 7000. 7005. 7010. 7015. 7020. 7025. 7030. 7035. 7040. 7045. 7050. 7055. 7060. 7065. 7070. 7075. 7080. 7085. 7090. 7095. 7100. 7105. 7110. 7115. 7120. 7125. 7130. 7135. 7140. 7145. 7150. 7155. 7160. 7165. 7170. 7175. 7180. 7185. 7190. 7195. 7200. 7205. 7210. 7215. 7220. 7225. 7230. 7235. 7240. 7245. 7250. 7255. 7260. 7265. 7270. 7275. 7280. 7285. 7290. 7295. 7300. 7305. 7310. 7315. 7320. 7325. 7330. 7335. 7340. 7345. 7350. 7355. 7360. 7365. 7370. 7375. 7380. 7385. 7390. 7395. 7400. 7405. 7410. 7415. 7420. 7425. 7430. 7435. 7440. 7445. 7450. 7455. 7460. 7465. 7470. 7475. 7480. 7485. 7490. 7495. 7500. 7505. 7510. 7515. 7520. 7525. 7530. 7535. 7540. 7545. 7550. 7555. 7560. 7565. 7570. 7575. 7580. 7585. 7590. 7595. 7600. 7605. 7610. 7615. 7620. 7625. 7630. 7635. 7640. 7645. 7650. 7655. 7660. 7665. 7670. 7675. 7680. 7685. 7690. 7695. 7700. 7705. 7710. 7715. 7720. 7725. 7730. 7735. 7740. 7745. 7750. 7755. 7760. 7765. 7770. 7775. 7780. 7785. 7790. 7795. 7800. 7805. 7810. 7815. 7820. 7825. 7830. 7835. 7840. 7845. 7850. 7855. 7860. 7865. 7870. 7875. 7880. 7885. 7890. 7895. 7900. 7905. 7910. 7915. 7920. 7925. 7930. 7935. 7940. 7945. 7950. 7955. 7960. 7965. 7970. 7975. 7980. 7985. 7990. 7995. 8000. 8005. 8010. 8015. 8020. 8025. 8030. 8035. 8040. 8045. 8050. 8055. 8060. 8065. 8070. 8075. 8080. 8085. 8090. 8095. 8100. 8105. 8110. 8115. 8120. 8125. 8130. 8135. 8140. 8145. 8150. 8155. 8160. 8165. 8170. 8175. 8180. 8185. 8190. 8195. 8200. 8205. 8210. 8215. 8220. 8225. 8230. 8235. 8240. 8245. 8250. 8255. 8260. 8265. 8270. 8275. 8280. 8285. 8290. 8295. 8300. 8305. 8310. 8315. 8320. 8325. 8330. 8335. 8340. 8345. 8350. 8355. 8360. 8365. 8370. 8375. 8380. 8385. 8390. 8395. 8400. 8405. 8410. 8415. 8420. 8425. 8430. 8435. 8440. 8445. 8450. 8455. 8460. 8465. 8470. 8475. 8480. 8485. 8490. 8495. 8500. 8505. 8510. 8515. 8520. 8525. 8530. 8535. 8540. 8545. 8550. 8555. 8560. 8565.



**Workmanship.** Are the butts of plating planed or otherwise fitted? *Chipped fair and fitted close*

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.*

*2. & 3. plates spaced* condition, and sufficient in size and length. If of Iron or Steel give

*spaced* the lower Masts and Bowsprit are constructed, showing

Masts, Bowsprit, Yards, &c., are of Pitch pine in <sup>& Black spruce</sup> good condition, and sufficient in size and length. If of Iron or Steel give  
Sketches of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing  
the mode of riveting, quality of Materials, and if stamped with Maker's name. <sup>24 feet long x 12 1/2 diameter at</sup>

Masts, Bowsprit, Yards, &c., are of Pitch pine in wood  
 Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts are made, and  
 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  
 Fore mast 47 feet long x 12 1/2" diameter at deck  
 Main 42 feet x 10" do  
 Mast is on hull, being near the Bow

the number of Plates and the  
state also Length and Diameter of Lower Masts and Bowsprit

Fore Mast — 42 feet — x 10

Main Mast fitted with iron hub, being near the Bottom

Bowsprit of Black Spruce fitted for Sailing as usual.

	Test per	Length & Size req'd by Rule	Test req'd per Rule.	ANCHORS, &c.	No.	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
					1	4-1-17	6-17-20	3 1/2 T	5-18 T
							3 1/2 T		20

No.	SAILS.	CABLES, &c.	Fathoms.	Inches.	Certificate.	
					req'd.	supplied
	Fore Sails,	Chain ...	59	7/8	18-5-0-0	8 1/2
	Fore Top Sails,	(State Machine where Tested, Date, & name of Superintendent.)	60	3/4	9-2-2-0	120 x 1 1/16 12 3/4
	Fore Topmast	Chain			13-10-0-0	
	Stay Sails	Hamn Strm Cbl			6-15-0-0	
	Main Sails,	Hawser ...	75	6	7-10-0-0	45 ft x 8 1/16
	Main Top Sails,	Towlines ...	90	4	3-15-0-0	75 x 5 1/2
		Warp ...				90 x 3
		quality				

ANCHORS,	N <sup>o</sup> .	Weight. Ex. Stock.	Test per Certificate.	Weight req'd per Rule.	Test req'd per Rule.
&c.	1	4-1-14	6-14-20	3 1/2 T	5-18 T
Bowers ...	1	5-0-11	7-9-22 1/2	3 1/2 T	5-20 T
(State Machine where Tested, Date, and name of Super- intendent.)	Lloyd's Vestheston Prov in the Sep 30/81. G. E. Lewis Sp				
Stream ...	1	1-2-13	—	0-3-0	—
Kedges ...	1	0-2-21	—	0-2-0	—
	Lize Post and name other.				

and 1000 Main Top Sails, Warp good quality good sufficient in size and good in quality. She has one long boat  
Standing and Running Rigging wire & hemp STEAMING and Rudder good Pumps Engine pumps. Two of iron in  
& good Capstan with on iron How secured in ordinary weather? iron plate with Nut & screw

Standing and Running Riggings *Wire & Humps* *Steam* and Rudder *Iron*  
 The Windlass is *Iron & good* Capstan *which* How secured in ordinary weather? *Iron plate with Nut & Bolt*  
*8.000* How constructed? *Iron on top of iron* *How secured in ordinary weather?* *Iron plate with Nut & Bolt*  
*How constructed?* *Iron on top of iron* *How secured in ordinary weather?* *Iron plate with Nut & Bolt*  
*How constructed?* *Iron on top of iron* *How secured in ordinary weather?* *Iron plate with Nut & Bolt*

The Windlass is *on top of the mast*  
 Engine Room Skylights. How constructed? *8. One main piece, 2. One on top of the mast*  
 What arrangements for deadlights in bad weather? *Casing above the deck*  
 How constructed? *Canvas cover*  
 How are lids secured? *By locking when*  
 Height above deck? *Flush*  
 of shipping a sea? *One scupper on each side*  
*amidships.*

Coal Bunker Openings.—How constructed? *Circular* How are lids secured? *one scupper in*  
Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *one scupper in*  
*each plate bulkhead is fitted. Open iron rails amidships.*  
*to throw the deck.*

Scuppers, &c. — What arrangements for clearing ap-  
ap where shot plate bulwark is fitted.  
 Cargo Hatchways. — How formed? Iron plates  $\frac{3}{8}$  -  $\frac{1}{2}$  above the deck.  
 Fore hatch Quarter hatch  
Deck beams & plates over  
as arranged by Comm.

Cargo Hatchways.—How formed? *Iron plate*  
 State size Main Hatch *19" 6" x 10 feet wide* For hatch  
 If of extraordinary size, state how framed and secured? *not of Extraordinary size has approved by Comm*  
*2 sets Carlings of Iron and inside plate & plates*

What arrangement for shifting beams? *Cross castings of iron and*  
*strong and good.*  
Is it strong and efficient? *May 16-25 July 11 August 10*  
*October 19-27*

What arrangement for  
**Hatches,** If strong and efficient? *Storage*

Order for Special Survey No. *728* ways *ways* adding *adding* 18. 1st. On the several parts of the frame, when in place, and before the plating was wrought } *May 16-25 July 11 Aug 11*  
2d. On the plating during the process of riveting } *September 15-29 October 19-27*

Order for Special Survey No. 138  
Date Aug 2/81  
Order for Ordinary Survey No. 138

of Surveys  
mile building  
Section 18

1st. On the plating during the process of riveting  
2nd. On the plating during the process of riveting  
3rd. When the beams were in and fastened,  
and before the decks were laid....  
4th. When the ship was complete, and before the  
and cemented..

Order for Ordinary Survey No. <u>10</u>	DATE OF SURVEY <u>10/10/10</u>	3rd. When the hull was complete, and before the decks were laid....
Date <u>10/10/10</u>	held while in builder's yard.	4th. When the ship was complete, and before the plating was finally coated or cemented..
	as per Section	5th. After the ship was launched and equipped

No. 67 in builder's yard. DATE held as per 5th. After the ship was launched and equipped.

General Remarks, Ship built in accordance

General Remarks, This vessel has been built in accordance with the rules approved by the

wish the plan of midship-section approved by me  
I am <sup>very</sup> R<sup>ly</sup> <sup>th</sup>/81. add me

Committee in letter dated London Jan<sup>y</sup> 13<sup>th</sup> 1881. and one

to Messrs Donald Currie & Co. and as otherwise  
in 181.

to Messrs (Donaldson & Co.)  
officially advised in letter dated May 7<sup>th</sup> 1861.

It is well built and equipped. Bul. iron has

"She is well built and appears  
been fitted as suggested at Bilpe-Kalavon and also

been fitted as suggested or  
in Hold as shown in sketch - with a strong rubber  
it has fitted a fore-

the outside and round stem. She has fitted a fore-

The outside and round to hold about 6 tons of water. - The tank 10 feet long - Deck beams slated in way of

Tested as required by Rule. — Deck beams & deck  
If one, two, or three decked vessel, or if spar or awning decked, and lengths of poop, forecabin or raised quarter deck, or of double or part double  
Rule 3 Cement in both Outside paint.

State if one, two or three decked vessel, or if spar or awning decked, and if so, how? Outside Paint

How are the surfaces preserved from oxidation? Inside Paint & Portland Cement in bottom

100 A 1

How are the surfaces preserved from oxidation. 100 A1.  
I am of opinion this Vessel should be Classed +  
£ 2 : 0 : 0 is received by me, J. F. Lipton.

I am of opinion this Vessel ...

The amount of the Entry Fee ... ..£ 2 : 0 : 0 is received by me,  
Special ... ..£ 5 : 15 : 0 29/10 1881 J. F. L.

Special ... .. £ 5 : 13 : 0 - 11.00  
Certificate ... ..  
(Travelling Expenses) *P* *st*

(Travelling Expenses)  
(if any) £ 3-18-6  
Committee's Minute Liverpool Nov<sup>r</sup> 1-1881.

Committee's Minute Liverpool Nov 1-1861.  
Character assigned 100 A1. Record + Cem<sup>r</sup>/81. Lloyd's A & Cp. F.P.T. 61

Character assigned 100 A1. Record 1 copy.