

ARCH : BENT

[Collection of yacht design drawings, particularly re yachts "Gulnare" and "Jullana"] / E.H. Bentall. Bentall took over his father's agricultural product manufacturing business in 1836, operating as E.H. Bentall & Co. from 1849. In 1885 he launched "Jullana" which he had designed and had built at Heybridge Basin. All its metal fittings were made in his Heybridge Works and she was fitted out in nearby Wivenhoe. Its keel set a fashion that was in vogue for many years. A model of it (inv. no. 1897-103) is in the Science Museum's water transport collection.

/1-64		[Pencil drawings on cartridge paper, except where otherwise stated. Each bears 'Con. No. xxxx' and 'Dr. No. Trs. xxx', given as 'xxxx/xxx' in the list below. The majority are 69 x 102cm.; almost all the rest are smaller]
/1	1874 Jul 23	1176/104: No. 1 Yacht as designed by E.H. Bentall, Heybridge, Essex. [hull lines] Scale 1" : 1'
/2	1874 Sept 17	1197/108: Schooner Yacht. Sheer & Body Plan. Scale ¼" : 1'
/3	1874 Sept 17	1198/109: Schooner Yacht designed by E.H. Bentall. [longitudinal elevations, plans] No scale
/4	1874 Oct 6	1209/111: Schooner Yacht "Gulnare". [chart] Transverse sections from model of ¼in. scale
/5	1874 Oct 16	1212/113: [chart, similar to /4]
/6	1874 Oct 26	1213/114: Sections of "Gulnare" [chart]
/7-10	1874 Oct	1217/116; 1218/117; 1219/118; 1220/119: [rigging; /8 also shows plans]
/11	-	1221/120: [untitled]
/12	1874 Oct	1223/121: [rigging]
/13-15	1874 Oct	1224/122; 1225/123; 1226/124: [lines]
/16	1874 Oct	1227/125: [rigging]
/17	1874 Oct	1228/126: [side elevation & plan]
/18	1874 Nov 13	1231/127: Yacht "Gulnare". Designed by E.H. Bentall Scale ¼" : 1'
/19	1874 Nov 16	1232/128: Schooner Yacht "Gulnare". Designed by E.H. Bentall, Heybridge, Maldon, Essex No scale

/20	-	1235/130: [untitled]
/21	1874 Nov 18	1237/131: Yacht "Gulnare". Rudder Step Scale 1 : 1
/22	1874 Nov	1238/132: [rigging] [verso bears drawing of 1875 Aug 26: "Jullanar" Yawl Yacht. Rudder gear davitt. Scale 1 : 1]
/23	1874 Nov	1239/133: Yacht "Gulnare". Designed by E.H. Bentall Esqre., Heybridge, Maldon, Essex Scale ½" : 1'
/24	1874 Nov	1241/135: Yacht "Gulnare". Main skylight. Scale 3" : 1'
/25	1874 Nov	1244/138: [untitled]
/26	1874 Nov	1245/139: [hull lines]
/27-29	1874 Nov	1246/140; 1248/141; 1249/142: [charts]
/30	1874 Nov	1250/143: Schooner "Yacht" 96 9/94 Tons R.T.Y.C. E.H. Bentall Esq., Heybridge, Maldon. [hull lines, part with wash] No scale
/31	1874 Nov	1252/145: [chart] [verso bears ink/wash drawing of parts of a 'Crab for Lower Warehouse'. Scale 3" : 1']
/32	1875 Feb 3	1281/148: [rigging]
/33	1875 Apr 7	1304/150: Yacht "Gulnare". Detail of Mizzen Boom Joint. [ink drawing, part with wash] Scale 1 : 1
/34	1875 Apr 7	1305/151: Yacht "Gulnare". Main mast head Scale 3" : 1'
/35	1875 May 12	1318/153: Yawl "Yacht Gulnare". Bowsprit end iron Scale 1 : 2
/36	1875 Jun 8	1325/154: Yacht "Gulnare". Main boom joint. [ink drawing] Scale 1 : 1
/37	1875 Jul 26	1339/163: Yacht "Jullanar". Arrangement of winch. [ink/wash drawing] Scale 3" : 1'
/38	1875 Jul 28	1341/164: Ironwork for Yacht "Jullanar" Scale 1 : 1
/39	1875 Jul 29	1343/166: Yacht "Jullanar". Stanchions for main ropes Scale 1 : 1
/40	1875 Aug 6	1349/169: Yacht "Jullanar". Detail of ironwork. [ink/wash drawing]

Scale 1 : 1

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| /41 | 1875 Aug 10 | 1350/170: " <i>Jullanar</i> " Yawl. Design for Cabin Stove with hot water circulating apparatus. [ink/wash drawing]
Scale 1 : 2 |
| /42 | 1875 Aug 16 | 1352/172: Yawl Yacht " <i>Jullanar</i> ". Detail of Rudder head
Scale 1 : 1 |
| /43 | 1875 Aug 16 | 1353/173: Yawl Yacht " <i>Jullanar</i> ". Sketch of struts for Bowsprit bits
Scale 1 : 1 |
| /44 | 1875 Aug 20 | 1354/174: " <i>Jullanar</i> " Yawl Yacht. Detail of Bends &c for Hot water pipes
Scale 1 : 1 |
| /45 | 1875 Aug 31 | 1355/175: " <i>Jullanar</i> " Yawl Yacht. Boom Crutch. [ink drawing, part with wash]
Scale 1 : 1 |
| /46 | 1875 Oct 7 | 1361/177: Yawl Yacht " <i>Jullanar</i> ". Detail of Deck fittings
Scale 1 : 1 |
| /47 | 1875 Oct 13 | 1363/179: Yacht " <i>Jullanar</i> ". [untitled: 'Not correct. Octr 25 '75'] |
| /48 | 1875 Oct 16 | 1364/180: Yacht " <i>Jullanar</i> ". Detail of Brass fittings on Deck
Scale 1 : 1 |
| /49 | 1875 Oct 20 | 1365/181: "Yacht <i>Jullanar</i> ". Night table for owner's berth
Scale 1 : 1 |
| /50 | 1875 Oct 23 | 1366/182: " <i>Jullanar</i> ". Marline spike
Scale 1 : 1 |
| /51 | 1875 Oct 23 | 1367/183: Yacht " <i>Jullanar</i> ". Arrangement of supply pipes for hot water boiler
Scale 1 : 1 |
| /52 | 1875 Nov 6 | 1371/187: Yacht " <i>Jullanar</i> ". Detail of Rudder head
Scale 1 : 1 |
| /53 | 1875 Nov 21 | 1376/188: Yacht " <i>Jullanar</i> ". Stops for Saloon doors
Scale 1 : 1? |
| /54 | 1875 Dec 16 | 1383/191: Yacht " <i>Jullanar</i> ". Jetty for yacht
Scale 1" : 1' |
| /55 | 1875 Dec 20 | 1384/192: Yacht " <i>Jullanar</i> ". Portable Jetty for yacht
Scale 1" : 1' |
| /56 | 1875 | 1389/193: New Yacht " <i>Gulnare</i> ". Hatch to Sail Cabin & Fore Hatch to forecastle
Scale 1 : 2 |
| /57 | 1874 Oct 31 | 1625/115: Schooner Yacht " <i>Gulnare</i> ". Designed by E.H. Bentall, Esq., Heybridge, Maldon, Essex. Body plan. [line |

		drawing] Scale ½" : 1'
/58	1874 Nov 27	1626/129: Schooner Yacht "Gulnare". Top breadth plan (outside planking) Scale 1" : 1'
/59	1875 Oct	1630/186: "Jullanar". Proposed alterations. [line drawing, part with wash, on tracing paper] Scale 1" : 1'
/60	-	1632/189: [untitled longitudinal elevation] Scale ½" : 1'
/61	1875 Dec	1633/198: Schooner "Gulnare". Deck plan and fittings Scale ½" : 1'
/62	1875	1635/200: Body Plan. Inside planking. [line drawing] Scale 1" : 1'
/63	1875	1636/201: Deck plan. "Jullanar" No scale
/64	1876	1643/205: [untitled figs. Line drawings, part with wash] Scale 3" : 1'; ½" : 1'
/65-88		[Miscellaneous; all pencil drawings on cartridge paper unless otherwise stated]
/65	1880 Oct 9	Building Shed Scale ½" : 1'
/66	1874 Aug 14	Lines for Schooner "Yacht". E.H. Bentall Esq., Heybridge, Maldon. [bears ' "Jullanar". Yawl 126 tons' on verso] No scale
/67	1877 Aug 3	20 Ton Cutter. Sheer, Half breadth and Body plans Scale ½" : 1'
/68	1880 Nov 13	Cutter Yacht of 10 Tons. Detail of fishjoint Scale 1 : 1
/69	1880 Oct 14	----- as above----- Detail of body sections Scale 1½" : 1'
/70	1880 Oct 5	----- as above----- Untitled. [verso bears drawing of 26 Nov 1880 of 'Forestay Fastening', scale 1 : 1]
/71	1880 Oct 28	----- as above----- Y.R.A. Arrangement of fore cabin Scale 1½" : 1'
/72-73	1881 Mar	Yacht lines for 20 Tons. E.H. Bentall Esq., The Towers, Heybridge, Maldon Scale ½" : 1'
/74-78	1881 Mar	No. 4 Model. [lines. /74 bears '... 20 Tons by Dixon Kemp proposed rule']

Scale ½" : 1' (1); 1" : 1' (2); 1½" : 1' (2)

/79-80	1880 Nov 19	[untitled rigging drawing. The two sheets together form a whole] Scale ¼" : 1'
/81	-	[untitled rigging drawing and lines] No scale
/82	-	[untitled lines] No scale
/83	-	[untitled lines] Scale ½" : 1'
/84	-	Turn-table No. 3 [of ca. 4ft. diamr.] Scale 1½" : 1'; 1 : 2
/85	-	No. 1 [wheeled bogie]; No. 2 [?] No scale
/86-88	-	[untitled]

Inv. nos.	1955-96	26 drawings/charts re yacht " <i>Jullana</i> "
	1955-97	16 drawings/charts re yacht " <i>Gulnare</i> "
	1955-99	46 miscellaneous drawings/charts re unidentified yachts