

Science Museum Library and Archives
Science Museum at Wroughton
Hackpen Lane
Wroughton
Swindon
SN4 9NS

Telephone: 01793 846222
Email: smlwroughton@sciencemuseum.ac.uk

GOOD A

Papers (correspondence, reports etc), journals, engineering drawings, printed items re the work of Simon Goodrich, mechanist to the Navy Board. c.1797-1847

Compiled by Robert Sharp

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Papers (correspondence, reports etc), journals, engineering drawings, printed items re the work of Simon Goodrich, mechanist to the Navy Board. c.1797-1847

Additional items passed to the Goodrich archive by curator of mechanical engineering in August 2006.

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|------|----------------|---|
| 25a | 1800 Apr. 22 | Copy ... Instructions for preparing the Pumping Apparatus, S.G. to John Lloyd. 8p. |
| 47a | 1800 Dec. 31 | [Copy bill, bearing details of work carried out by, and money owed by Commissioners of the Navy to John Lloyd, re 'Drain Pumps with sundry apparatus for working them in his Majesty's Dock Yard at Portsmouth' signed 'Simon Goodrich, Mechanist, Inspector General's Office'.] 4p. |
| 37a | 1805 Mar. 27 | Drawing in detail with dimensions of the large Forge Hammer, [Relates to metal mill machinery At Deptford] 2 leaves. |
| 59a | [1805 Aug.] | Mr. Whitmore's Bill for Metal Mills up to 27 th Aug 1806 [should be 1805. Bears details of work Carried out by, and money owed by Commissioners of the Navy to, Wm. Whitmore and Son, between 1803 Sept and 1805 Jul, re 'Copper and Iron Mill to be erected in Portsmouth Dock Yard'. Signed 'Simon Goodrich, Inspector General's Office, Admiralty 28 Aug 1805'.] 10p. |
| 375a | [1812?] | Estimate for a Perpendicular Hammer / [SG] 2p. |
| 375b | 1812 Feb. 1912 | [Details re 'lifting a hammer' / SG] 2p. |

Goodrich Papers A 1-500

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|---|----------------|--|
| 1 | 1801
[1770] | [Tabulated statement] Total Amount of Workmanship and Materials in Erecting the Hatchel House and Cover'd Way in His Majesty's Dock Yard at Portsmouth in the Year 1770 [Watermarked 1801] 2p on 1 leaf. |
| 2 | 1801
[1770] | [Tabulated statement] Total Amount of Workmanshi pand Materials in Erecting the Double Ropehouse in His Majesty's Dock Yard at Portsmouth in the Year 1770 [Watermarked 1801] 2p on 1 leaf. |

- 3 1811-1821 [1777-1823] Extracts about Contracts for Copper. [Précis of correspondence and extracts (1777-1823) re experiments with, and contracts for, copper for ships. Correspondents referred to include John Vivian, John Grenfell, Mr Vernon, Mr Bennet, Capt Douglass, Capt Corbet, Mr Bolton, Owen Williams, Mr Collins, Mr Wyatt, John Williams, William Grenfell, George Grenfell, Charles Biscoe Grenfell, William Forbes, Alexander Raby; ships referred to include *Rivoli*, *Superb*, *Desiree*, *Bittern*, *Medusa*, *Eolus*, *Penelope*, *Lion*, *Swiftsure*, *Success*, *Flora*, *Intrepid*, *Hector*, *Arethusa*, *Bellona*, *Tamar*, *Apollo*, *Goliath*. Watermarked 1811-1821] 23p on 6 leaves.
- 4 1798? [Feathering paddle wheel] Ink & wash drawing, 24 x 20.5cm 1 leaf.
- 5 1801 [1787-1791] [Tabulated statement]: Chatham, 8 Feb. 1791; Abstract perform'd by Messrs Nicholson & Son, Baker & Marter, between the 27 July 1787 and 31st Dec. 1790 at the Double Rope House in His Majesty's Yard here by Contract with Hble. Navy Board 19th June 1787 [Watermarked 1801] 3p on 1 leaf.
- 6 1795 [Pendulum with adjustable bob. Watermarked 1795] Ink and wash drawing, 32 x 10cm 1 leaf.
- 7 1826 [1795-1799] [Register of letters, General Bentham and Admiralty, 1795 to 1799, on various subjects. Correspondents referred to include Lord Spencer, Evan Nepean, Charles Abbot. Watermarked 1826] 4p on 1 leaf.
- 8 1811 [1795-1808] [Extracts from register of Inspector General's letters and reports 1795 to 1808 when we removed to Navy Office'. Referred to are Mr Grimshaw, Mr Heppenstall, Mr Brunel, Mr Sheffield, Samuel Rehe etc. Watermarked 1811] 10p on 3 leaves.
- 9 1803-1805 Drawings for equipment at a proposed large steam-driven naval ropery to be built in Woolwich Dockyard, numbers 3 to 8 inclusive, which appear to be based on ropemaking-machinery developed by John Grimshaw. Although the work of digging the foundations was started on site, the project was aborted in July 1805. Line drawings with wash, each 38x24.5cm 6 leaves.
- 10 1795-1804 [1796] Examples of little Durability of Warranted Copper [from bottom of ships, including *Blanche*, *Swiftsure*, *Success*, *Flora*, *Intrepid*, *Hector*, *Arethusa*, *Bellona*, *Tamar*, *Penelope*,

Goliath 1795 to 1804. Headed '1796 Deliveries of Old Copper Sheets to John Williams'/[S Goodrich] 2p on 1 leaf.

- 11 [1797] [Draft letter (mutilated) to] Society for the Encouragement of Arts etc/S Goodrich, [re] 'for their inspection, a Clock'. [With two drawings, one of which is endorsed '1 Bundle of Sketches and Memoranda of S G's Pendulum of a Clock and Balance of a Watch worked by a Crank for which he obtained...50 Guineas from the Society of Arts in 1797'. Watermarked 1794 3p on 1 leaf + 2 leaves
- 12 1797 Nov. The Art of Smelting Copper Ores; To Refine Copper. [Headed: 'Neath. (Ch.Champion)'. Watermarked 1801] 3p on 1 leaf
- 13 ca.1802 [Tabulated statement to] Brig.Gen.Bentham/J. Scott [and] J L Penfold, [re Plymouth Ropery: cost of buildings in the yard employed in making twine and cordage; statement greatest and least quantity of same made in any one year (between 1793 and 1802); rate of total amount of workmanship per cwt 'during the last year of the last war'] 1 sheet
- 14 1798 Mar. 3/1800 Apr. 12 Extract of a Letter from Genl.Bentham, Inspector Gen'l Office, to Evan Nepean [Admiralty] in answer to his letter of the 12th Decr 1797 (not to be found); [copy letter, Portsea, to Nepean/Bentham. Re methods of melting old copper and suggesting establishment in the dockyard for manufacture of copper sheathing. Watermarked 1805] 4p on 1 leaf
- 15 - [Précis of letters of S G 1798-1801 re boring deep well at Portsmouth Yard. Include several references to Mr Boyce. Watermarked 1826] 2p on 1 leaf
- 16 1799 May 28 [Letter] London [to] Mr Goodrich, Portsea or at Mr Peake's Dockyard, Portsmouth/ Sam[ue]l Rehe. [He has received, for Goodrich, the Society of Arts' premium of £65] 1p
- 17 1799 Oct. - 1800 Jul. [Copy letters] Inspector Genl's Office: 1799 Oct 30 [to] Mr Linaker, Portsmouth, 'asking an Estimate of a 27 Horse Steam Engine'; 1799 Oct 31 [to] Genl.Bentham [re] 'Advantages of Mr Miller's Tarring Engine'; 1800 Jul 8 [to] J Linaker [re] 'Fixing of some part of the Machinery at Portsmouth'/ [all]S Goodrich 4p on 2 leaves
- 18 1799 Dec 12 Estimate of Engines for Mr Goodridge, London/Messrs B[oulton] & W[att], Soho 1p
- 19 ca.1800 [Extract]: Expense of Ballast heaving Machinery from Mr

- Lloyd's Contract furnished about 1800/[S Goodrich] 1p
- 20 1800 Mem[orandu]m concerning the Mill for rolling Copper/A Morgan. [Bears illustrations] 1 sheet
- 21 1800? [Letter to] John Peake/W Stone, [re] 'the Floating Dam at Portsmouth'. [Bears illustrations] 3p on 1 leaf
- 22 1800 Feb. 5 [Précis of estimate by Boulton & Watt for a 30hp steam engine at Portsmouth/S Goodrich] 1p
- 23 1800 Mar. 4 [Copy memorandum]: Remarks and References to a Drawing of a Steam Engine House, deliver'd to Messrs Boulton and Watt for their information/S Goodrich, Mechanist, Inspector Gen'l's Office, Admiralty 2p on 1 leaf
- 24 1800 Apr. 6 [Copy memorandum]: Drawings and Remarks on the Portsmouth Steam Engine House sent Messrs Boulton & Watt/S Goodrich, Portsmouth Dock Yard 2p on 1 leaf
- 25 1800 Apr. 22 [Draft letter] Portsmouth Dock Yard [to] Messrs Boulton & Watt/S Goodrich, Concerning the Position of the Steam Engine etc at Portsmouth [and asking for prices of all engines] 2p on 1 leaf
- 26 1800 Apr. 23 [Letter] Chapel Street, Westminster [to] Mr Goodrich/John Lloyd, 'saying he has received my drawings and papers concerning the Machinery for the Pumping apparatus' 1p
- 27 1800 Apr. 26 [Letter] Soho [to] Mr Goodrich, Inspector General's Office, Admiralty/Gregory Watt for Boulton and Watt, Containing Estimates of [rotative] steam engines 2p on 1 leaf
- 28 1800 Apr. 29 [Letter] Soho, Birmingham [to S Goodrich]/John Southern for Boulton & Watt, proposing a New disposition of the Boiler for the Steam Engine [at Portsmouth] 2p on 1 leaf
- 28a 1800 May 29 [Memorandum]: Kings Mills, Rotherhit[h]e; Tail Mill 1p
- 28b ca.1800 Apparatus for writing with two Pens at once designed and made by S G and one given to Lady Bentham/[S Goodrich] Pencil sketch, 24 x 38cm
- 29 1800 May 31 Copies of Letters to be sent to Mr Lloyd, [Little Chapel Street, Westminster] for him to copy and send to Messrs Boulton & Watt, Soho, [Birmingham, asking price of parts of a 12hp engine for dredging apparatus, and to Mr] Whitmore, New Hall Street, Birmingham, [asking price of various parts

of dredging apparatus (and including sketch of buckets)/S Goodrich] 3p on 1 leaf

- 30 1800 Jun. [Copy letter] Inspector General's Office, Admiralty [to] Messrs Boulton & Watt/S Goodrich, Requesting to be furnished with the exact calliper of the round part of the Fly Wheel shaft of the Portsmouth Steam Engine 1p
12
- 31 1800 Jun. [Letter] Soho, Birmingham [to] S Goodrich, Inspector General's Office, Admiralty/John Southern for Boulton & Watt, Concerning the Holding down bolt of the Steam Engine [at Portsmouth Dock] 2p on 1 leaf
21
- 32 1800 Jun. [Letter] Portsea [to] Mr Goodrich, Inspector General's Office, Admiralty/James Linaker, Saying they had began to prepare for building the Engine House 1p
29
- 33 1800 Jul. [Letter] Portsea [to] Mr Goodrich, Inspector General's Office, Admiralty/James Linaker, Proposing a mode for fixing the bearing of a shaft 3p on 1 leaf
3
- 34 1800 Jul. [Letter] Portsea [to] Mr Goodrich, Inspector General's Office, Admiralty/James Linaker, Proposing a mode for fixing the bearing of the 2nd shaft 1p
4
- 35 1800 Jul. [Letter] Portsea [to] Mr Goodrich, Inspector General's Office, Admiralty/James Linaker, Respecting [piping of boilers to new] Steam Engine & [progress of] Well Diggers 1p
20
- 36 1800 Jul. [Draft letter] Inspector General's Office [to] Mr Linaker/S Goodrich, Respecting the Steam Engine & Well Diggers 1p
23
- 37 1800 [Copy letter] Soho, Birmingham [to] S Goodrich/James Sept. 10 Lodge for Boulton Watt & Co, [giving] List of Engine Materials for Portsmouth Steam Engine forwarded to Bristol 4p on one leaf
- 38 1800 [Letter] Chapel Street, [Westminster to] Mr Goodrich/John Sept. 16 Lloyd, Proposing another mode for fixing the Caps on the Arms of the Chain Wheels of the Portsmouth Pumps 2p on 1 leaf
- 39 1800 [Copy letter] Stoke near Plymouth [to] Mr Lloyd/S Goodrich, In answer to his proposed mode of fixing the Caps on the arms of the Chain Wheels of the Portsmouth Pumps 3p on 1 leaf
Sept. 28

- 40 1800 Sept. 21 [Copy letter] Stoke near Plymouth [to] Mr Linaker/S Goodrich, directing him to examine Lord Stanhope's Steam Vessel Engine [for possible other uses] 2p on 1 leaf
- 41 1800 Sept. 27 [Copy letter] Westminster [to Mr Goodrich]/James Linaker, [reporting on the use that can be made of Lord Stanhope's steam engine in Deptford Dock Yard] 1p
- 42 1800 Sept. 30 [Copy letter] Brixham [to] Mr Littlewood/S Goodrich, Mechanist of the Inspector General's Office, enquiring the price of Cast Iron Pipe etc 2p on 1 leaf
- 43 1800 Oct. 9 [Copy letter] Park Furnace, Sheffield [to] S Goodrich/Wm Littlewood, respecting the Pipe for Brixham Stating the price and the time he could supply it in 1p
- 44 1800 Oct. 17 [Draft letter] Admiralty [to] General Bentham/S Goodrich, respecting the Brixham Pipe 2p on 1 leaf
- 45 1800 Nov. 24 [Draft letter] Inspector Genl's Office, London [to] Mr Linaker/S Goodrich, respecting the Cisterns for the Pumps [at] Ports[mou]th D[oc]k Y[ar]d 4p on 1 leaf
- 46 1800 Nov. 26 [Letter] Portsea [to] Mr Goodrich/James Linaker, respecting the Cisterns at Portsmouth [Dock Yard] 2p on 1 leaf
- 47 1800 Nov. 29 [Letter] Portsea [to] Mr Goodrich, Inspector General's Office, Admiralty/James Linaker, [re cisterns, well-digging, and housing machinery at Portsmouth] 3p on 1 leaf
- 48 - [Memorandum re extent and capacity of new rope manufactory for spinning and laying cordage by steam engines at Woolwich Yard/S Goodrich. Watermarked 1801] 4p on 2 leaves
- 49 - Details of the Moveable Steam Engine with Wooden Boiler erected in Ports[mou]th D[oc]k Yard. [Watermarked 1801] Line drawings, some with scales given 24p on 7 leaves
- 50 - Estimate of the Expense of Pileing for the Foundations of the proposed Ropery in His Majesty's Dock Yard at Woolwich/[S Goodrich. Watermarked 1801] 4p on 1 leaf
- 51 - [Headed] Estimate of the Expense of erecting a Rope Manufactory in His Majesty's Dock Yard at Woolwich for Spinning and laying Cordage by Steam Engines & Machinery according to Grimshaw Webster & Co's Plan together with Storehouses for ... Tons of Hemp and ... Tons of Cordage the whole to be built fire proof and capable of manufacturing

10,000 Tons of Cordage per Annum working Day and Night [this actually comprises 'Memoranda' re building's structure and 'Drawings' to be prepared for the Admiralty' with, on verso, sketch of 'Apparatus for an Experiment upon heating Tarr by Steam'/S Goodrich. Watermarked 1801]

- 52 - [Memorandum]: Evidence which can be given By S.G. respecting [Joseph] Huddart and [John Daniel] Belfour's Rope making Machines/[S Goodrich. Watermarked 1801] 3p on 3 leaves
- 53 - [Tabulated] Statement of the number and kinds of Machines, number and description of work people, rate and amount of Wages per Week as paid at Sunderland and rate per Ton for manufacturing Cordage by Grimshaw Webster & Cy Patent Machines from the Hemp in the Raw state to completing the same into Cables and other Cordage ... /[S Goodrich. Watermarked 1801] 2p on 1 leaf
- 54 1801 Jan. 31 [Draft memorandum]: Explanation and Remarks upon the accompanying Model for a Steam Engine Boiler with observations relative to its construction in large [sent to] Mr Lloyd/S Goodrich 5p on 2 leaves
- 55 1801 Feb. [Tabulated statement/King's Mills]: An Account shewing the quantity of Bran to be taken from a Bushel of each of the undermentioned quality of Wheat to make the whole of an equal fineness for Biscuit 1p
- 56 1801 Nov. 30 [Printed circular]/London Company for the Manufacture of Flour, Meal, and Bread, [giving] Particular and Estimate of building a Steam Mill, calculated to Manufacture 120,000 Sacks of Flour per Year ... [and] an Estimate ... of the Produce of a Mill of the above Description 2p on 1 leaf
- 57 1801 Dec 29 [Copy letter to] Navy Board/S Goodrich, [being] Drawing and Dimensions for a new Plate-iron Boiler for the Ten-Horse Steam Engine in His Majesty's Dock Yard at Portsmouth. [Bears additional notes by James Linaker] 2p on 1 leaf
- 58 1802 Dec Apparatus for spinning & making Ropes by Machinery [at Sunderland. Includes sketch; refers to Mr Grimshaw] 2p on 1 leaf
- 59 - Albion Mills with Description [and] Design for rebuilding them by S G Fire Proof. Description, Remarks and References to three drawings, signed A B W P exhibiting a design for rebuilding the Albion Mills, Fire proof; with

- appropriate Machinery for manufacturing 120,000 Sacks of Flour, or more, per annum; for loading and unloading of Barges etc./[S Goodrich. 1 leaf, watermarked 1801, bears ground plan; 4 leaves watermarked 1803] 15p on 5 leaves
- 60 1802 Some data taken at Dartford Phoenix Mill in 1802 when Brother William was there/[S Goodrich. Includes pencil sketch] 1 leaf
- 61 - [Printed forms: time and price sheets for workmen in ropery re Spinning; Tarring, Dividing, Laying etc. Watermarked 1802] 12p on 4 leaves
- 62 - [Memorandum]: calculations re weight and cost of cast iron pillars/S Goodrich. Watermarked 1802] 2p on 1 leaf
- 63 [1802] [Statement re quantity of rope manufactured and contracted for at Woolwich and at Deptford in 1795 and 1802/S Goodrich] 1 leaf
- 64 [1802?] [Note on Mr Chapman's method of ropemaking/S Goodrich 2p on 1 leaf
- 65 1802 Jan. 9-27 [Notes and sketches/S Goodrich, re 50 guineas competition to design fireproof Albion Mills for the London Company for the Manufacture of Flour...] 2p on 1 leaf
- 66 1802 Jan. 9-15 [Notes/S Goodrich, re above] 2p on 1 leaf
- 67 1802 Feb. 1 [Draft letter] Upper Eaton Street, Pimlico [to] Managers, London Company for the Manufacture of Flour etc/A B W P [p.p.] S Goodrich, [re entering the above competition] 2p on 1 leaf
- 68 1802 Feb. 3 [Letter] Soho [to] S Goodrich/Boulton Watt & Co, [re delivery of 40hp engine] 2p on 1 leaf
- 69 1802 Feb. 6 [Draft letter] Upper Eaton Street, Pimlico [to] Managers, London Company for the Manufacture of Flour etc/A B W P [pp S Goodrich, sending 3 drawings (GOOD C27-29) for the Albion Mills competition] 1p
- 70 1802 Mar. 3 [Letter] Albion Place [to] A B W P, Upper Eaton Street, Pimlico [p.p.] S Goodrich/Mr Worsley [of the London Company for the Manufacture of Flour], Referring a Resolution of the Committee by which half the premium of 50 Gs. is voted to him for his plan of the Albion Mill 1p

- 71 1802 Mar. 4 [Draft letter] Upper Eaton Street, Pimlico [to] Mr Worsley [of the London Company for the Manufacture of Flour etc]/A B W P [p.p.] S Goodrich, Agreeing to divide the Premium of 50 Guineas 1p
- 72 1802 Mar. 10 Memoranda etc respecting Mr Johnson's Model of Tide Mill/[S Goodrich. See GOOD C23] 12p on 3 leaves
- 73 1802 Mar. 11 [Letter] Albion Place [to] A B W P [p.p.] S Goodrich/John Worsley [of the London Company for the Manufacture of Flour etc, informing him that the sum of £25 guineas has been awarded to him and would he call in to collect it] 1p
- 74 1802 Mar. 15 [Trade Card of] Wm Chapman & Co, Willington Ropery, Newcastle upon Tyne, [giving strength of cables and ropes]
- 75 1802 Jul. 10 [Letter, with table] Woolwich Ropeyard [to] S Goodrich/Jos. Baker, [re size and weight of, and men to manufacture, cables at] Woolwich Yard 2p on 1 leaf
- 76 1802 Jul. 28 [Printed circular]: Report of Mr William Allen, Lecturer on Chemistry to Guy's Hospital, on the advantages of using certain preparations of Tar in Cordage, invented by Mr William Chapman, of Newcastle upon Tyne... [Chapman took out five patents re ropemaking 1797-1801] 1p
- 77 1802 Sept. 16 [Drawing of forcing pump, sent to] S Goodrich/Mr Burr Line drawing with wash, 25 x 20cm 1 leaf
- 77a ca.1802 [Ideas for windmills, boilers/S Goodrich] 1 leaf of pencil sketches
- 78 182 Oct. 5 [Letter] Weevill [to] S Goodrich/J Willmot, [stating number of horses and work done by them at Weevill Brewhouse] 2p on 1 leaf
- 79 1802 Oct. 29 [Printed circular]: Statement of a Mechanical Experiment for ascertaining the Difference in Strength between Grimshaw, Webster, and Co's Patent Machine-laid-Rope, and that made in the usual Way, at Durand's Wharf, Rotherhithe/Grimshaw, Webster, and Co., Patent Ropery, Near Sunderland 1p
- 80 1802 Oct. 6 [Letter] Portsea [to] S Goodrich/James Linaker, [concerning launching of ballast vessel, and other items] 2p on 1 leaf
- 81 1802 Nov. 30 [Letter] Portsea [to] Mr Goodrich/James Linaker, [on the first trial of the 'Ballast Engine'] 1p

- 82 - [Bust of] Jeremy Bentham. [Watermarked 1803] Pencil sketch, 23 x 18.5cm 1 leaf
- 83 1803? [Trade circular]: Grimshaw, Webster, Hills, & Scarth's Patent Rope Manufactory, near Sunderland, [bearing details of experiment made on 1800 Jul 7 on strength of rope made by patent machine compared with rope made in the usual way. On inside pages is ink and wash] Drawing of Spinning Frame by W[illiam] G[rimshaw] 3p on 1 leaf
- 84 - Sketch for Circular Shears/S Goodrich. [Watermarked 1802] Pencil sketch, 33.5 x 40.5cm Scale 1:12 1 sheet
- 85 ca.1803 Kiln for burning the Common red earthen Ware taken from one erected at Lime house/[S Goodrich] Line drawing (annotated), 32.5 x 41cm Scale 1:48 1 sheet
- 86 ca.1803 [Trade card]: Grimshaw, Webster, Hills, & Scarth of the Patent Ropery, near Sunderland, [re manufacture of cordage. 2 copies]
- 87 [1803] [Tabulated statement re cost of manufacturing cables and hawsers 'according to Belfour's Plan' and hemp at] Woolwich Rope Yard 4p on 1 leaf
- 88 1803 [Tabulated statement]: No. of Men to make the Strands of Cables at Woolwich Ropery 1p
- 89 1803 [Tabulated statement re price of hemp, twins spinning, and dressing at Woolwich Ropery]/S Goodrich 1p
- 90 1803 Capstan House [and] White Yarn House [at] Woolwich Ropery/[S Goodrich] Pencil sketches (annotated), 33.5 x 20.5cm 1 leaf
- 91 1803 [Tabulated statement]: Expense of Making a 24 inch Cable at Woolwich Ropery 1p
- 92 [1806?] [Letterbook copy account to] Navy [Board] for Block Machinery delivered to Portsmo[uth Yard, 1803 to 1806] by order of Gen'l Bentham/H Maudslay 16p
- 93 - [Copy account to] Navy [Board for] Work done for H.M.Dock Yard, Portsmouth, 1803 Jan under the direction of Brig.Gen.Bentham/John Sherwin. [Watermarked 1812] 3p on 1 leaf
- 94 1803 Feb. [Copy letter] London [to Navy Board]/J Williams, [re

- warranted copper from bottom of *Apollo*, and minutes thereon] 1p
- 95 1803 Mar. [Printed price list (with ms. amounts) of] Cast Iron & Wrought Iron Articles, made at Gospel-Oak Iron Works, near Dudley, by John Read. [Endorsed on verso 1805 Jan by S Goodrich] 1p
- 96 1803 Mar. [Tabulated statement re cost of manufacture of twine and cordage at] Portsmouth Rope Yard 'during the last Year of the last War' ... prepared for Brig.Gen.Bentham [for the] Navy Board/R L Mosse [and] B Martin 1p
- 97 1803 Mar. [Tabulated statement re] Quantity of Twine and Cordage manufactured in any one Year within the last Ten Years: prepared for Brig.Gen.Bentham [for the] Navy Board/R L Mosse [and] B Martin 1p
- 98 1803 Mar. Account of the Expence of Workmanship of Lines and Twine ... during the last year of the last War/J W Lloyd [and] W Fenwick, Chatham Rope Yard 2p on 1 leaf
- 99 1803 Mar. Account of the Expence of Workmanship of Cordage ... during the last year of the last War/J W Lloyd [and] W Fenwick, Chatham Rope Yard
- 100 1803 Mar. An Account of the first Cost of ... Buildings employed for the ... manufacture of Twine and Cordage [at] Portsm[outh] Yard/Ns. Diddams 1p
- 100a [ca.1801] [Memorandum re] Mr Trevithic Engine at Colebrook Dale [bearing pencil sketches/S Goodrich. Watermarked 1801] 1p
- 101 1803 Jul. Copy Estimate of the probable cost of the Steam Engine & Machinery for the Copper & Iron works at Portsmouth Dock Yard/Inspector General's Office 1p
- 102 1803 Aug. [Tabulated statements]: shewing the quantity of each kind of Cordage Manufactured and Contracted for at Woolwich & Deptford 1795 ... ; Total of Cables, Coils etc & the Number of Machines for Manufacturing 10,000 Tons in one Year working Day & Night/John Grimshaw 2 sheets
- 103 1803 Aug. [Draft] Report upon Mr Siller's Machinery for making Cordage. [Makes reference to Grimshaw & Co, and Huddart & Co]/S Goodrich, Inspector General's Office 3p on 2 leaves
- 104 1803 [Tabulated statement re cost of manufacturing hawsers and

- Sept. 7 cables]/R L Mosse [and] B Martin, Portsmouth Rope Yard 2p on 1 leaf
- 105 1803 Dec. [Statement re] Expense of Labour and Materials to Arches
13 over the Locks in Mast pond, Woolwich Yard 1p
- 106 - Copy Plan & Section of the Reverberating Furnace for Melting Brass. [Watermarked 1804]/W E S[heffield] Line drawing, 32 x 40cm Scale 1:12 1 sheet
- 107 [1804?] Sketch of a [Reverberatory] Furnace for Melting Iron Ink sketch, 30 x 18.5cm 1 leaf
- 108 [1804?] Plan & Elevation [of Reverberatory] Furnace for Melting Iron Line drawing, 32 x 18.5cm Scale 1:48 1 leaf
- 109 [1804?] Elevation [of Reverberatory] Furnace for Melting Iron Ink sketch, 32 x 19cm Scale 1:24 1 leaf
- 110 [1804?] Furnace for rolling Bar Iron into other sizes without a welding heat. [Watermarked 1795] Line drawing, 30 x 37cm Scale 1:16 1 sheet
- 111 [1804?] Furnace for making Iron into Bars that require a welding heat. [Watermarked 1795] Line drawing, 30 x 37cm Scale 1:16 1 sheet
- 112 [1804?] [Tabulated statement re cordage manufactured in Chatham Yard in 1803] 1 leaf
- 113 1806 [Tabulated statement]: Average Yearly supply of Copper taken from the Years 1804, 1805 & 1806 [for] Portsmouth, Plymouth, Deptford, Woolwich, Chatham [and] Sheerness [dockyards] 1 leaf
- 114 1804 Jan. [Letter] Leeds [to] S Goodrich/Matthew Murray for Fenton &
3 Co [re price and capacity of a 2hp steam engine for pumping water] 2p on 1 leaf
- 115 1804 Jan. Extracts of a Letter from the Inspector General [Bentham] to
15 Sir Evan Nepean [re Mr Grimshaw, and buildings and machinery for ropemaking] 7p on 2 leaves
- 116 1804 Feb. [Letter] Penydarran Place [to] S Goodrich, Inspector
27 General's Office, Admiralty/Sam'l Homfray, [re trials of Trevithick's locomotive engine] 3p on 1 leaf
- 117 1804 Mar. [Letter] Woolwich Warren [to] S Goodrich/Lt

- 4 Thos.Cunningham, 'Stating that he cannot Accompany me to Wales' 1p
- 118 1804 Mar. [Letter] Patent Ropery near Sunderland [to] S Goodrich,
6 Inspector General's Office, Admiralty/John Grimshaw, Stating his safe arrival at Sunderland & requesting a list of the Ropery Drawings 3p on 1 leaf
- 119 1804 Mar. [Letter] Pennydarran Place [to] S Goodrich/Sam'l Homfray,
7 [postponing Goodrich's visit to Wales] 2p on 1 leaf
- 120 1804 Jun. [Letter] Patent Ropery near Sunderland [to] S Goodrich,
5 Inspector Gen'l's Office, Admiralty/John Grimshaw, [reporting progress in ropemaking, with relation to Woolwich ropery plans] 4p on 1 leaf
- 121 1804 Jun. [Letter] Portsea [to] S Goodrich, Inspector general's office,
19 Admiralty/M I Brunel, Giving an account of the working of the Little Saw Mill 3p on 1 leaf
- 122 1804 Jul. [Copy letter] Inspector Gen'l's Office, Admiralty [to] John
18 Grimshaw, Patent Ropery, Sunderland/S Goodrich, Informing him of his Journey to the North and advising how to answer the N[avy] B[oard] 2p on 1 leaf
- 123 1804 Aug. [Tabulated statement]: No. of Yarns in Various sized Cables
& Hawsers/Mr Baker [of Portsmouth Rope Mill?] 1p
- 124 1804 Aug. [Letter] Patent Ropery near Sunderland [to] S Goodrich/John
14 Grimshaw, [re and with copy of his letter of Aug 2 to the Navy Board on compensation and allowance for erecting ropery at Woolwich] 3p on 1 leaf + 2p on 1 leaf
- 125 1804 [Letter] Patent Ropery near Sunderland [to] S
Sept. 14 Goodrich,Inspector General's Office, Admiralty/J Grimshaw, Respecting 4 Strand Ropes - Giving his opinion strongly against them 4p on 1 leaf
- 126 1804 Sketch shewing a mode of fixing a Non- **recoil Gun by a**
Sept. 19 **Copper Strap to a** springing piece of Timber on the outside of the port hole/S Goodrich. [Initialled S G 11 Feby 1834] Ink sketch (annotated), 20.5 x 33.5cm Scale 1:8 1 leaf
- 127 1804 [Letter] Portsmouth Yard [to] S Goodrich/J Burr, [reporting
Sept. 24 defect in boiler, and asking for two new saws] 1p
- 128 1804 Oct. [Trade card]: Webster, Wilson, Scarth, and Co of Castle
Eden, near Stockton, [giving] Scarth's new Method of

- manufacturing Sailcloth
- 129 1804 Dec. [Letter] Portsm[outh] D[ock] Yard [to] S Goodrich/M I Brunel,
11 [enclosing drawing (not present) of part of block machinery]
1p
- 130 1804 Dec. [Letterbook copy letter] Inspector Gen'l's Office, Admiralty
11 [to] Mr Grimshaw/S Goodrich, [re ropery at Woolwich, and
Capt Nesbit] 2p on 2 leaves
- 131 [1805] Movable Engine of Murray & Wood/**Nicholson's Journal XI**
Engraving, 15 x 23cm 1 leaf
- 132 1805 A [printed] Table of the most approved sizes of the principal
ropes used in ships ... with the Weight and Cost of the same
when fitted out with common Cordage: also, the Sizes of
Grimshaw, Webster, and Co's Patent Machine-laid Cordage,
equal thereto in Strength ../Sunderland 1 sheet
- 133 1805 Jan. [Copy letter] Sommers Town [to] General [Bentham]/W E
14 Sheffield, [re buildings and materials required for
establishing copper refinery] 3p on 1 leaf
- 134 1805 Feb. [Letter] Inspector Gen'l's Office [to] W Whitmore/S Goodrich,
13 [re engagement of men for Copper and Iron Mills (Mr
Beach?) and of an Engine Keeper for the Block Manufactory
at Portsmouth, and a man needed to plan canals in Russia.
Letter written with a triple pen machine] 2p on 1 leaf
- 135 1805 Mar. [Letter] Birm[ingha]m [to] S Goodrich/W Whitmore, [re beds
7 and pillars for copper rolling, and Boulton & Watt's plate
shears] 1p
- 136 1805 Mar. [Letter] Park Iron Works, Sheffield [to] S Goodrich/Wm
9 Littlewood, [re parts for movable engine boiler and ballast
engine sent to Deptford] 1p
- 137 1805 Mar. [Tabulated statement]: Experiments made by the Navy
25 Board upon the Comparative strength of Cordage made by
Messrs Grimshaw and in Chatham Yard. 1st Trial 1p
- 138 1805 Apr. [Letter] Inspector General's Office [to] S Goodrich,
11 Portsmouth/John Grimshaw, [re experiments on his cordage
by the Navy Board] 6p on 2 leaves
- 139 1805 Apr. ----- as above ----- 1p
12
- 140 1805 Apr. [Letter] Inspector General's Office [to] S Goodrich/John
22 Grimshaw, [re] his interview with the Navy Board after their

experiment upon his Rope 3p on 1 leaf

- 141 1805 Apr. ----- as 138 & 139 ----- 4p on 1 leaf
25
- 142 1805 May [Copy note] Portsmouth Dock Yard [to] Mr Whitmore/S
23 Goodrich, [asking for] Wrought Iron Tilt Hammer for the
Metal Mills [at Portsmouth to be made 'to the above
Drawing' and sent as soon as possible. Bears line drawing of
1:4 scale] 1p
- 143 1805 May [Letter] Park Iron Works, Sheffield [to] S Goodrich,
31 Portsmouth Dockyard/Wm Littlewood, [appending bill (for
Navy Commissioners) for boilers and stating that he cannot
get payment] 2p on 1 leaf
- 144 1805 Jun. [Letter] London [to] S Goodrich, Portsmouth Dock Yard/W E
1 Sheffield, [re more space for copper rolling mill and
furnaces. Bears ink and wash drawings of cupola furnace of
1:12 scale] 3p on 1 leaf
- 145 1805 Jun. [Letter] Sunderland [to] S Goodrich/John Grimshaw,
1 [requesting General Bentham and Goodrich to give him
testimonials recommending his machinery and cordage] 3p
on 1 leaf
- 146 1805 Jun. [Letter] Lichfield [to] S Goodrich/Sam'l Beach, Describing a
7 Row of Shears to Cut a whole sheet of Copper at once.
[Bears illustration] 1p
- 147 1805 Jun. [Letter] The Grove [to] S Goodrich/Mrs B[entham] & General,
30 [re certificate for Mr Beach; giving instructions to Goodrich
and expressing satisfaction with his work; re wages of men
at Portsmouth. Refers to Brunel, Linaker, Burr et al] 3p on 1
leaf
- 148 1805 [Two copy bills to] Messrs Lloyds, Gosport/Sam'l Jellicoe
[and] Thos. Lewis, [re machinery supplied Jul-Sept] 2p on 1
leaf
- 149 1805 [Copy bills to] Messrs Lloyd [and] Mr Brunel/Sam'l Jellicoe,
[re machinery etc supplied 1805 Jul and 1803 Jul - 1805 Apr
respectively] 1p
- 150 1805 Jul. [Letter] London [to] Mr Goodridge, Inspector General's
8 Office, Admiralty/P H Whitton Jr, [recommending Mr Hughes
as contractor, and enclosing bill (not present) for travelling
expenses] 3p on 1 leaf

- 151 1805 Jul. 19 Memorandum of Terms proposed for such of the Millwrights now working for Mr Lloyd in Portsmouth Dock Yard, as are willing, and may be judged acceptable, to be entered upon the Dock Yard Establishment, under Mr Linaker who is appointed Master Millwright in the Dock Yard/S Goodrich 1p
- 152 1805 Jul. 21 Memorandum [to] Mr Lineker [detailing] the determination of the Journeymen Millwrights in His Majesty's dock yard [Portsmouth] under Mr Lloyd 1p
- 153 1805 Jul. 30 [Copy letter] Inspector General's Office, Admiralty [to] William Marsden/Sam'l Bentham, Recommending Goodrich to the Management of the Business of this Office during his absence 1p
- 154 1805 Jul. 30 [Letter] Birm[ingha]m [to] S Goodrich/W Whitmore & Son, [giving] Estimate for a 30 Horse Steam Engine 1p
- 155 1805 Jul. 30 [Memorandum re works at Portsmouth Dock Yard proposed by Goodrich/S Goodrich. Bears approval by Gen. Bentham] 2p on 1 leaf
- 156 1805 Aug. 2 [Letter] Portsea [to] S Goodrich/M I Brunel, [re new engine to replace old one] 1p
- 157 1805 Aug. 3 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Mr Brunel/ S Goodrich, [informing him of his (Goodrich's) appointment to act for Gen. Bentham during his absence in Russia] 2p on 2 leaves
- 158 1805 5 Aug. [Letter] Sunderland [to] S Goodrich, Inspector General's Office, Admiralty/John Grimshaw, Respecting the goodness of his Cordage 3p on 1 leaf
- 159 1805 8 Aug. [Letter] Metal Mills, H.M.Dock Yard, Portsmouth [to] S Goodrich/Sam'l Beach, [re] progress of the Metal Mills [and] Experiment of Waste in Milling Old Copper 2p on 1 leaf
- 160 1805 16 Sept. [Letter] Sunderland [to] S Goodrich, Inspector General's Office, Admiralty/John Grimshaw, [re lanthorns, experiments on strength of iron, adjusting position of Wearmouth Bridge. With copy letters, 1805 Aug 17 and Sept 6, Patent Ropery near Sunderland to Wm Marsden, Admiralty/John Grimshaw for Grimshaw, Webster & Co, and reply of Sept 12, re manufacture of cordage; and copy certificate/Capt Wm Dunn of the ship *Lord Eldon*, re efficacy of Grimshaw, Webster & Co's Patent Machine-laid Cordage [countersigned by ship's owners]] 9p on 3 leaves

- 161 1805 13 [Letterbook copy letter] Portsmouth Dock Yard [to] Sept. Gen.Bentham/S Goodrich, [re purchase of copper from St Petersburg] 1p
- 162 1805 Oct. [Letter] Westminster [to] S Goodrich, Portsmouth Dock 1 Yard/John Lloyd, Complaining of the Change with regard to the Millwrights 3p on 1 leaf
- 163 1805 Oct. [Report]/M I Brunel, [re] Present State of the Wood Mill. 3 [Refers to work 'in hand at Maudslay'] 3p on 1 leaf
- 164 1805 Nov. [Draft letter] Portsmouth Dock Yard [to] Mr Lloyd, 2 Acquainting him that the men cannot be continued under him longer than the 16th inst. 2p on 1 leaf
- 165 1805 Dec. [Letter] Portsea [to] S Goodrich/James Linaker [giving an] 17 Account of an experiment on friction. [With annotated line drawing of 1:12 scale] 2p on 1 leaf + 1 leaf
- 166 1805 Dec. [Letter] Portsea [to] S Goodrich, Inspector General's Office, 23 Admiralty/Jas.Linaker [re] Experiment on Friction at the Metal Mills 3p on 1 leaf
- 167 1805 Dec. [Draft letter to] Navy B[oard]/S Goodrich, About the Refiner 23 engaged for the Metal Mills. [Refers to Messrs W & G Grenfell] 2p on 1 leaf
- 168 1805 Dec. [Letter] Portsmouth Dock Yard [to] S Goodrich/Sam'l Beach, 25 [re arrival of Stephen Dorrald in Portsmouth and his first attempts to refine copper] 2p on 1 leaf
- 169 1805 Dec. [Letter] Metal Mills, Portsmouth Dock [Yard to] S 26 Goodrich/Sam'l Beach, [reporting that Dorrald's first efforts at refining copper are not good] 1p
- 170 1805 Dec. [Letter] Metal Mills, Portsmouth Dock Yard [to] S Goodrich/S 31 Beach. [There is no fault in the Copper refined by Dorrald, the fault lies in the heating of the cakes] 2p on 1 leaf
- 171 [1806?] [Trade card of] Grimshaw, Webster & Co [giving strength of patent machine-laid cordage compared with ordinary rope]
- 172 1806 Jan. [Letter] Wood Mills, Portsmouth Dock Yard [to] S Goodrich/J 9 Burr. [Smoking the shells of blocks has caused the pins to rust] 2p on 1 leaf
- 173 1806 Jan. [Letter] St Petersburg [to] S Goodrich, Inspector General's 17 Office, Admiralty/Wm Heard, [re Gen.Bentham in Russia,

and asking for power of attorney for himself] 3p on 1 leaf

- 174 1806 Jan. 20 [Letter] Sunderland [to] S Goodrich, Inspector General's Office, Admiralty/John Grimshaw, [giving details of the award in the patent case between Messrs Grimshaw and Joseph Huddart] 1p
- 175 1806 Jan. 25 [Letter] Sunderland [to] S Goodrich, Inspector General's Office, Admiralty/John Grimshaw, [re the success of his case against Huddart, and his bills] 3p on 1 leaf
- 176 1806 Feb. 5 [Letter] Sunderland [to] S Goodrich/John Grimshaw, [re plans for Woolwich Ropery, and travelling expenses] 1p
- 177 1806 Feb. 6 [Tabular account to] S Goodrich/Mr Beach, [re refining 37 charges of copper] 1p
- 178 1806 Mar. 30 [Copy estimate of John Lloyd for Deptford Ballast Engine/S Goodrich] 2p on 1 leaf
- 179 1806 Apr. 12 [Not to] Mr Goodrich/? Guppy, [on use of pure copper nails for ships' bottoms] 1p
- 180 1806 Apr. 14 [Memorandum to] S Goodrich/Mr Guppy, [re and with] Account of the Quantity of Sheets of Sheathing Copper and Nails ... required to sheath Vessels of the annex'd Number of Guns [from 12 guns to 110 guns] 2p on 1 leaf + 1 leaf
- 181 1806 Apr. [Memorandum to] Mr Goodrich/Portsmouth Yd, [re] Ships on which Mr Guppy's Nails have been used. [Ships include *Thalia, Fame, Minerva, Arras, Porpoise, Hebe*] 1p
- 182 1806 Apr. 16 A General Statement of the Services which have been performed by the late and present Mechanists under the directions of the Inspector General of the Naval Works since their appointments/S Goodrich, [being] a return made to the Commissioners 11p on 10 leaves
- 183 1806 Apr. 26 [Letter] St Petersburg [to] S Goodrich, Inspector General's Office, Admiralty/Wm Heard, [re return of Gen. Bentham and party from Russia in three weeks] 3p on 1 leaf
- 184 1806 May 3 [Copy] Report sent to Lord Howick/James Sadler, [being an] Analysis of Copper. [See 194] 3p on 1 leaf
- 185 1806 May 7 [Copy letter] Derby [to] S Goodrich/Wm Strutt, [being an] Explanation about Hot Air Stoves 4p on 1 leaf

- 186 1806 May 9 [Letter] Sunderland [to] S Goodrich/John Grimshaw, [re travelling expenses on Ropery business, and estimate of ropery for Russia] 3p on 1 leaf
- 187 1806 May 17 [Draft letter] Inspector General's Office, Admiralty [to] Gen.Bentham/S Goodrich, [re progress during General's absence; mentions Brunel and the 'Contract for the Ordnance Blocks'. With letterbook copy memorandum, 1806 May 15/S Goodrich, being 'Observations respecting the Model of Mr Strutt's Warming Apparatus' (i.e. stove)] 4p on 1 leaf + 4p on 4 leaves
- 188 1806 Jun. 10 [Printed] List of ... Bevil, Spur, & Mitre Geer, ... at Peel, Williams and Co's Iron & Brass Foundry, Shudehill Pits, Manchester 1 leaf
- 189 1806 Jun. 19 [Letter] Admiralty Office [to] S Goodrich/Wm Marsden, [suggesting experiment on copper sheathing from the *Hibernian*. Refers to reports by Sadler and Davy] 3p on 1 leaf
- 190 1806 Jun. 19 [Letterbook copy letter] Portsmouth Dock Yard [to] John Peake/S Goodrich, In answer to his of the 18th Stating a report of the foulness of the Copper of the *Royal George* Yt. - he supposing it to be Metal Mills Copper 3p on 3 leaves
- 191 1806 Jun. 20 [Letterbook copy letter] Portsmouth Dock Yard [to] Wm Marsden/S Goodrich, In answer to his of 18th - About exp[erimen]t on Copper sheathing 3p on 3 leaves
- 192 1806 Jun. 22 [Memorandum re refining of copper]/S Goodrich 2p on 1 leaf
- 193 1806 Jul. 3 [Letter, St] Petersburg [to] S Goodrich, Inspector General's Office, Admiralty/S[amuel] B[entham], requesting him to order a 20hp engine and two or three 2hp engines (probably from Murray & Wood), ship them to Russia and pay the costs from his (Bentham's) bank account] 3p on 1 leaf
- 194 1806 Jul. 18 [Letter] Stafford Row [to] S Goodrich, Inspector General's Office, Admiralty/James Sadler, [re his analysis of copper for Lord Howick. See 184] 2p on 1 leaf
- 194a - Slipping Wheel of Dredging Engine Line drawing with wash, 24.5 x 20cm 1 leaf
- 195 1807 Dec. 14 [Copy bill to] Commrs. of H.M. Navy/Wm Whitmore & Son, [re machinery and tools for Copper Mills supplied to Portsmouth 1806 Aug-1807 Aug. Bears covering note accepting the articles and the bill]/SGoodrich, Inspector

General's Office, Admiralty. [Watermarked 1812]

- 196 1806 Aug. 25 [Letter] London [to] S Goodrich/W E Sheffield, [re analysis of pieces of copper sheathing from *Hibernia* and *Spencer*] 1p
- 197 1806 Oct. 20 [Letterbook copy letter] Portsmouth [to] Mr Grimshaw/S Goodrich, Giving him information respecting the Board of Revision. [With ts. transcript of same] 4p on 4 leaves + 4p on 4 leaves
- 198 1806 Dec. 8/1809 Aug. 4 [Copy list of] Prices of Coaking Tools furnished the different Yards & Russia by Henry Maudslay, Margaret St, Cavendish Sq & certified by General Bentham. [Certified as being reasonable]/S Goodrich, Inspector General's Office, Admiralty 1p
- 199 - [Existing and proposed buckets for fire engine/S Goodrich. Watermarked 1807] Line drawings, 18.5 x 30.5cm 1 leaf
- 200 - Plan & Elevation of the working bucket [etc for fire engine/S Goodrich. Watermarked 1807] Line drawings, 23 x 18.5cm 1 leaf
- 201 1807 Jan. 13 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Rogers, [re employment of Vernon as Master of Metal Mills, Portsmouth] 3p on 3 leaves
- 202 1807 Jan. 19 [Copy letter] Inspector General's Office, Admiralty [to] Mr Vernon/S Goodrich, Offering the situation of Master of the Metal Mills and pointing out the conditions 3p on 1 leaf
- 203 1807 Jan. 19 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Rogers/S. Goodrich, [re] Conditions for Mr Vernon on accepting the Situation of Master of the Metal Mills 4p on 4 leaves
- 204 1807 Jan. 22 [Letter to] S Goodrich/W Rogers. [He has informed Vernon of his appointment as Master of the Metal Mills] 2p on 1 leaf
- 205 1807 Feb. 7 [Letterbook copy letter, with ms. postscript] Inspector General's Office, Admiralty [to] Admiral Markham/S Goodrich, [re manufacture of new copper sheets from old copper at Portsmouth. With letterbook copy letter, Jan 16, Inspector General's Office to Gen. Bentham/W E Sheffield, and part of letterbook copy letter to ?/S Goodrich, both re price of copper] 3p on 3 leaves +1p + 2p on 2 leaves
- 206 1807 Feb. [Letter] Sunderland [to] S Goodrich/John Grimshaw, [re his

- 18 report on ropemaking machinery for the Commissioners of Revision] 4p on 1 leaf
- 207 1807 Feb. 22 Extracts from Mr Grimshaw's Report to the Commissioners for Revising the affairs of the Navy taken from a copy sent for my perusal and opinion previous to send- sending in the Report on the subject of Ropemaking/[S Goodrich. With letterbook copy notes/S Goodrich, suggesting amendments 40p on 10 leaves + 3p on 3 leaves
- 208 1807 Feb. 23 [Letterbook copy letter] Inspector General's Office, Admiralty [to] John Grimshaw/S Goodrich, [re Grimshaw's report on ropemaking, on the visit of a 'Corps of Engineers consisting of Mr Rennie, Mr Watt Jr, Mr Southern ... and Mr Whitby' to inspect the works at Portsmouth Dock Yard, and on his own precarious position as a mere Mechanist] 3p on 3 leaves
- 209 1807 Mar. 8 [Letter] Portsmouth [to] S Goodrich/W Rogers, About the report to be made on the expense of manufacturing Copper, in answer to Grenfell's attack. Refers to various visitors and the 'Trial of Sir Home Popham'] 2p on 1 leaf
- 210 1807 Mar. 10/22 [Letter (incomplete)] St Petersburg [to S Goodrich/W Heard, on various things he has seen in Russia. Bears ink sketches] 12p on 3 leaves
- 211 1807 Mar. 16 [Letter] Sunderland [to] S Goodrich/John Grimshaw. [He has sent in his report on ropemaking to the Commissioners of Naval Revision] 1p
- 212 1807 May 4 [Letter] Sommers Town [to] S Goodrich/W E Sheffield, [re price of copper sold by various companies] 1p
- 213 1807 May 6 [Letter to] S Goodrich/Comm[issione]r G Grey, [being a warrant from the Navy Board to work the copper mills day and night and employ ten more men] 1p
- 214 1807 May 12 [Letter] Portsmouth Dock Yard [to] S Goodrich/Edw.Holl, [being estimate of repairs to dock and wharfs at Portsmouth] 3p on 1 leaf
- 215 1807 Jun. 17-1808 Jun. 20 [Copy extract from bill of Messrs Bradley for 'Equallizing Machines']/S Goodrich 1p
- 216 [1807 Jun. 23] [Letterpress copy report to Admiralty/S Goodrich, repelling Messrs Grenfell's first attack on Portsmouth Copper Mill. (Much is illegible)] 23p on 23 leaves

- 216a 1807 Jun. 23 [Letter] Metal Mills [Portsmouth to] S Goodrich/Vernon, [re the reverberatory furnaces] 2p on 1 leaf
- 217 1807 Jul. 4 [Letter] Birmingham [to] S Goodrich, Portsmouth Dock Yard/W Whitmore, Explaining Mr Williams's influence over the Copper Trade. [Bears note by Goodrich] 3p on 1 leaf
- 218 1807 Aug. 22 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Navy Board, [re wrought iron boilers for pump house, and wood mills, Portsmouth] 3p on 3 leaves
- 219 1807 Sept. 3 [Letter] Portsea [to] S Goodrich/M I Brunel, [stating that by Oct 15 the Wood Mills would be able to make all blocks necessary for the Navy] 2p on 1 leaf
- 220 1807 Oct. 17 [Letter] *Strenuous*, Weymouth [to] Samuel Bentham/Lt Cmdr John Nugent, Recommending an improvement in Non-recoil Corronades 3p on 1 leaf
- 221 1807 Oct. 29 [Details of] Experiments on cast Iron Cement/Jos. Routledge, 'given to S G by Mr Arthur about 1812' 2p on 1 leaf
- 222 1807 Oct. 31 [Copy letter] Leeds [to] S Goodrich/Fenton, Murray, Wood & Co, [re, and including bill to Navy Board for,] 30hp Iron Boiler for Portsmouth 2p on 1 leaf
- 223 1807 Nov. 30 [Letterpress copy letter] Inspector General's Office, Admiralty [to] Gen.Bentham/S Goodrich, [on Bentham's return from Russia and his 'new situation at the Navy Office'] 3p on 3 leaves
- 224 1807 Dec. 12 [Letter] Swansea [to] S Goodrich/W E Sheffield, About engaging Wm Hugh[es] as an additional Refiner for the Metal Mills, [Portsea] 2p on 1 leaf
- 225 1807 Dec. 17 [Letterbook copy letter to] Mr Kirk/S Goodrich, [re, and including sketch of,] Mr Strutt's Warming Stove 3p on 3 leaves
- 226 - [Printed circular]: Instructions for such Persons who apply for the Admission of Patients into St Luke's Hospital for Lunatics 1 leaf
- 227 181- [Printed forms re admittance of patients to St Luke's Hospital for Lunatics, London] 2 leaves
- 228 [181-?] [Printed prospectus sent to] S Goodrich, Engineer & Mechanist, H.M.Dock Yard, Portsea/Atlas Fire and Life

- Assurance Company of London. [With agent's card] 3p on 1 leaf
- 229 [1808?] [Copy of] Mr Holl's Estimate for the three Buildings: [brass furnaces, steam engine etc]/S Goodrich 1 leaf
- 230 1808 Jan. 30 [Letter] Birmingham [to] S Goodrich/W Whitmore, Giving Estimate for remanufacturing Mixed Metal Pintles and Braces 2p on 1 leaf
- 231 1808 Feb. 1 [Letterbook copy letter] Inspector General's Office, Admiralty [to] H Peake/S Goodrich, Giving an opinion on the price at which contractors could remanufacture Pintles & Braces 1p
- 232 1808 Feb. 9 [Letter] Metal Mills, [Portsmouth to] S Goodrich, Inspector General's Office, Admiralty/H Vernon, Respecting the difficulties in refining Copper 3p on 1 leaf
- 233 1808 Feb. 9 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Sir Robert Barlow, Com[missione]r of the Navy, Stating the consumption of Coals by the 56hp Metal Mill Engine. [With note re 'Coals used at the Metal Mill Engine' Jan 2-9 endorsed 1833 Dec 31 'Enclosed in Mr Vernon Letter of the 14th Feb 1808' and bearing further comments/S Goodrich] 2p on 2 leaves + 1 leaf
- 234 1808 Feb. 10 [Letter] Navy Office [to] S Goodrich/H M Peake, Surveyor of the Navy, [re sheet copper manufactured at Portsmouth, and the price of blocks. Note by Goodrich of 1833 Dec 31 refers to master shipwrights Diddams of Portsmouth and Joseph Tucker of Plymouth; see below] 2p on 1 leaf
- 235 1808 Feb. 12 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Henry Peake, Surveyor of the Navy, In answer to some insinuations he had received about the Metal Mill Copper made by Mr Jos[ep]h Tucker Master Shipwright of Plymouth 4p on 4 leaves
- 236 1808 Mar. 6 [Copy letter] Portsmouth Dock Yard [to] General Bentham/S Goodrich, [re capacities of metal mills in rolling copper, and with Account of the quantity of old copper in store at each yard in March 1807, Account of the quantity of old copper accumulated at each yard in the years 1804-06, and Average yearly supply of new copper sheets and bolts to the yards for the years 1804-06] 4p on 1 leaf + 1p
- 237 1808 Mar. 11 [Letter to] S Goodrich/Gen.Bentham; Mentions his having written part of remonstrance to the Adm[iral]ty 2p on 1 leaf

- 238 1808 Mar. [Letter] Inspector General's Office, Admiralty [to] S
11 Goodrich/William Heard, Respecting the General's sending
in his Letter of remonstrance against the changing of his
Office [and his own (Heard's) position] 2p on 1 leaf
- 239 1808 Mar. [Letterbook copy letter] Dock Yard, Portsmouth [to] General
21 Bentham/S Goodrich, [on precautions against fire at
Portsmouth and Plymouth Yards] 9p on 9 leaves
- 240 1808 Apr. [Letterbook copy letter] Inspector General's Office [to] Mr
12 Thompson/S Goodrich, [asking for return of Gen. Bentham's
plan for ropery at Woolwich which he had for Lord Barham's
inspection] 3p on 3 leaves
- 241 1808 Apr. [Letter] Somerset Place [to] S Goodrich/p.p. Mr Thomson.
13 [Ropery plan is not now in his possession; will Goodrich call
on him] 1p
- 242 1808 Memoranda made at Chatham Ropery respecting
Apr.-May Ropemaking between the 27 April & 6th May 1808 on the
occasion of going down to examine about the introduction of
a Steam Engine there for assisting in forming Strands of
Cables & Ha[w]sers. [Bears numerous ink sketches]/S
Goodrich. [With printed form, being the clerk of Chatham
Rope Yard's weekly return re stock and wages for April 22-
30 (2p on 1 sheet); Annotated sketch, Mar 9, of the large
'equalizing Machine at Woolwich Ropery/S Goodrich (2p on
1 sheet); Tabulated statement re work done by men and
machines (1 leaf)] 44p on 11 leaves
- 243 [1809] [Copy bill to] The British Copper Company/ Lloyd & Ostell, [re
machinery etc supplied and work done 1808 May to 1809
May] 18p on 6 leaves
- 244 1808 Jun. [Draft] Report [to] Gen'l Bentham/S Good rich, on the
12 Suggestion of Blowing the Fires in the New Smithery at
Chatham by a Steam Engine 3p on 2 leaves
- 245 1808 Memoranda on the Occasion of a Journey to Plymouth
May-Jun. between the 20th May and 23 June 1808 Respecting the
Water and proposed Pipes, New Smith's Shop, Nail Washing
Apparatus/[S Goodrich. With 2 paper slips of notes] 19p on 6
leaves
- 246 1808 Jun. [Letterbook copy memorandum/S Goodrich. He disputes
23 with James Adams Sen. 'about the discharge of water by 2
Pipes under particular circumstances'] 1p

- 247 1808 Jul. 4 [Letter] Portsmouth Dock Yard [to] S Goodrich/James Linaker, About Plan of his Steam Boat Apparatus 2p on 1 leaf
- 248 1808 Jul. 4 [Letter] Portsmouth Dock Yard [to] S Goodrich/James Linaker, [re his experiment of working two 30hp engines. Bears copious notes by Goodrich] 4p on 1 leaf
- 249 1808 Jul. 21 [Letter to] S Goodrich/H Vernon, [re] Quantity of Copper Sheets manufactured in the 1st Year after beginning to work day and night at Ports[mou]th Metal Mills 1p
- 250 1808 Aug. 31 [Letterbook copy letter] London [to] Mr Linaker/S Goodrich, About his Specification for Steam Boat, and our Office being removed to Navy Office, [and Maudslay's recommending a Mr Patterson] 2p on 1 leaf
- 251 1808 Sept. 5 [Letterbook copy letter] Upper Eaton Street, Pimlico [to] Mr Trevithick/S Goodrich, [giving his opinion on Trevithick's plan for making 'a Cast Iron Tunnel across the River Thames under its bed'] 2p on 2 leaves
- 252 1808 Sept. 8 [Letter to] S Goodrich/H Vernon, [re and with an estimate for a brass refinery furnace and stack. Refers to Dorrell's health, and to Jellicoe's prices] 2p on 2 leaves
- 253 1808 Sept. 12 [Bill to Navy Commissioners]/Boulton Watt & Co, [for brass air pump etc for 30hp steam engine at Portsmouth Dock Yard etc] 1p
- 254 1808 Sept. 29 [Letter] Metal Mills [Portsmouth to] S Goodrich/H Vernon, [re] Scheme of Prices for founders, in cast Iron work 2p on 1 leaf
- 255 1808 Oct. 18 [Letter] Portsmouth Dock Yard [to] S Goodrich/James Linaker. [The deep well is deficient in water; he suggests another boring] 2p on 1 leaf
- 256 1808 Oct. 22 [Letterbook copy letter] Inspector General's Office, Admiralty [to] Mr Vernon/S Goodrich, [re piece work prices for iron foundries] 1p
- 257 1808 Oct. 31 [Letter] Woburn [to] S Goodrich/Wm Shepherd, [offering his services as maker of, amongst other things, patent weighing engines. Written on Shepherd's printed trade circular which gives machines, and their prices, made by his 'Manufactory for new-invented and improved Machines & Implements of Agriculture, and Millwrights' work in general'. With earlier

- printed trade circular of W Shepherd (late Shepherd & Co) as above] 4p on 2 leaves
- 258 1808 Nov. 3 [Printed report of a meeting convened concerning the enlargement of Bridlington Harbour, chaired by Lord Viscount Arundell Galway] 2p on 1 leaf
- 259 1808 Nov. 5 [Printed circular]: Merstham, Reigate, Surrey [to] Gen'l Bentham/Jolliffe and Banks [for] The Merstham Lime and Stone Company, [giving list of prices of Merstham Lime] 3p on 1 leaf
- 260 1808 Nov. 8 [Letter] Portsmouth Dock Yard [to] S Goodrich/James Linaker, [re] the Price of His Small Steam Engine & Boat 3p on 1 leaf
- 261 1808 Nov./Dec. Copy of a Weekly Certificate for Wages as paid at the Metal Mills ... Dock Yard, Portsmouth; No.122 [for] 6th to 12th Nov [and] No.137 [for] 18th to 24th Dec 4p on 2 leaves
- 262 1808 Dec. 19 [Letter] Portsmouth Dock Yard [to] S Goodrich/James Linaker, [re] Navy Board's answer to his Letter proposing his Steam Boat which they do not think applicable to Vessels of War 2p on 1 leaf
- 263 [1809] Section of the River [Thames], with the Shaft and a Driftway ... for the Tunnel proposed at Redriffe by Trevithick Lithograph, 30 x 86.5cm Scale 1":ca50'
- 264 [1809?] Table showing various particulars respecting the Cast Iron Pipes to be delivered at His Majesty's Dock Yard at Plymouth [or Chatham? Signed S Bentham] 1p
- 265 1809 Jan. [Printed] Tender for Cast-Iron Pipes [made to Navy Commissioners. Bears ms. costs] 1p
- 266 1809 Jan. 19 Portsm. Yard. A Drawing of a Six Inch Stop Cock improved from those laid down in Portsmo. Yard/Ns. Diddams Line drawing with wash, 32 x 20cm Scale 1":1'
- 267 1809 Feb. Draft of a Report to be made to the Admiralty on the Sheerness Water Works/[S Goodrich] 5p on 2 leaves
- 268 1809 Feb. 2 Queries [and] Answers/S Jones [and] W Ward, [re Navy Well, Sheerness] 4p on 1 leaf
- 269 1809 Feb. 6-12 Memoranda made on a Survey at Sandwich, Dover and Ramsgate respecting the Watering of the Ships in the Downs/[S Goodrich. Bears illustrations. Refers to numerous

- local experts on conditions and resources; Rennie's experiments at Ramsgate; *Agincourt*] 24p on 8 leaves
- 270 1809 Feb. 9 Cast Iron Water Pipes for Plymouth. [Details of] Contract with Rich'd Parsons/[S Goodrich] 1p
- 271 1809 Feb. 13 [Letter] Ramsgate [to S Goodrich]/J Wood, [re estimate for cistern and well sinking, Ramsgate, in connection with watering ships in the Downs] 1p
- 272 1809 Feb. 14-15 Memoranda made on a Survey of the Fresh Water Works, Sheerness/[S Goodrich. Bears illustrations. With ink sketch of elevation and plan of the 'Pump House at the Navy Well' to 1:96 scale] 8p on 2 leaves + 1 leaf
- 273 [1809 Mar.] Estimate for a Well etc at Ramsgate/[S Goodrich] 2p on 1 leaf
- 274 1809 Mar. 2 [Letterbook copy letter] Navy Office [to Navy Commissioners]/S Goodrich, [re supplying ships in the Downs with water from Sandwich Haven] 10p on 10 leaves
- 275 1809 Mar. 9 [Printed circular]: Progress and state of the Tunnel under the Thames/Thames Archway Company, [offering premiums for plans to execute the Thames Tunnel] 3p on 1 leaf
- 276 1809 Apr. Estimate of the Work done by the Government & Contractor's [dredging] Engines at Woolwich, and the Expenses attending the same/[S Goodrich] 1p
- 277 1809 Apr. 6 Calculations respecting the raising of Water from the Navy Well at Sheerness/S Goodrich 3p on 1 leaf
- 278 1809 Apr.;1810 Oct-Dec. [Précis of] C P Grenfell's Contract [re copper bolts, rings, sheets and nails etc]; Geo.Grenfell's Contract [re brass ingots etc] 2p on 1 leaf
- 279 1809 Apr. 25 Sketch sent by Mr Linaker for a [Wagon] Boiler for the 6 Horse Steam Engine Line drawing, 25 x 20cm Scale 1":2'
- 280 1809 Jun. 21 [Letter to] S Goodrich/H Vernon, on the Copper Refining Furnaces [for the Mint. With ink sketch of same] 1p + 1 leaf
- 281 1809 Jun. 19 [Letterbook copy letter] Navy Office [to] Vernon/S Goodrich, [re copper melting furnaces for the Mint] 3p on 3 leaves
- 282 1809 Jun. 22 ----- as above ----- 2p on 2 leaves

- 283 1809 [Copy minute and] Estimate of Pump Work, Navy Well at
Sept. 22 Sheerness [to] S Goodrich/Fenton Murray & Co, Leeds 3p on
1 leaf
- 283a 1809 [Furnace etc 2 leaves of pencil sketches, one bearing 'Secret
Apr/Nov. - Shewed this to Mr Rogers ... and to Mr Heard']
- 284 [1809] [Copy bill re] Materials complete for a 6 Horse Engine with
Sept. 29 one Beat Iron Boiler [to Navy Commissioners]/Fenton
Murray Wood & Lister. Approved 6 April 1810 2p on 1 leaf
- 285 1809 Jul.- Contract Prices for Stone etc for the Wharf Wall, Sheerness.
1811 [Numerous contractors named] 4p on 1 leaf
Sept.
- 286 - [Murray's self-contained beam engine] Lithograph, 24 x
19cm
- 287 1810 Particulars [i.e. costs] of Equalizing Machine [for rope
making/S Goodrich] 1p
- 288 1810 Copy report on Messrs Bradley's bill for equalizing rope
machine for Portsmouth/S Goodrich] 2p on 1 leaf
- 289 [1810] [Dissection of] Mr Shirwin's Bill [for machinery and work/S
Goodrich] 2p on 1 leaf
- 290 1810 [Copy bill] Sheerness [to] Mr Kingston/Wm Greenwood, For
Plumbing work done at the Navy Well, Sheerness. [Bears
note] Approved S B[entham]
- 291 1810 Mar. [Estimate for material for] Blocks to be made at the Wood
5 Mills for the Ordnance Department/[S Goodrich] 1p
- 292 1810 Apr. [Letter to] S Goodrich, Navy Office, London/[J Kingston, re]
9 proposed New Well House, Sheerness. [Bears line drawing
with wash] of same] 1p
- 293 1810 Apr. [Copy bill to] H M Victualling Office, Deptford/Fenton Murray
11 Wood & Co, [re materials for 10hp engine. Watermarked
1812] 1p
- 294 1810 May [Copy bill to Navy Commissioners]/Fenton Murray & Wood,
3 [re engine materials] 2p on 1 leaf
- 295 1810 May Tabulated statement/James Slatter, [store keeper, re
24 annual consumption of items for guns] 2p on 1 leaf
- 296 1810 Jul. Considerations respecting the making of Wall with an
1 Entrance for Ships of the Line at high Water, at the mouth of

- Haslar Creek/[S Goodrich. Bears ink sketches] 3p on 1 leaf
- 297 1810 Sept. 4 Estimate of the expence of cable Equalizing Machine for Rope making; Bradley's Charge for the first Machine [and] the Second/[S Goodrich, Portsmouth Yard] 2p on 1 leaf
- 298 1810 Sept. 6 [Draft letter]/S Goodrich, [re laying down pipes for distribution of water, Chatham Yard. Bears note] Approved S B[entham] 5p on 2 leaves
- 299 1810 Sept. 6 A list of Prices of Ship rigging thimbles manufactured by Silas Richards & Co. [Bears later note by S Goodrich 'From Mr Arthur'] 1p
- 300 1810 Sept. 21 [Draft letter] Navy Office [to Navy Board/S Goodrich, re erection of metal mills and millwrights' shop. With notes referring to specific letters of 1807-1813 relating to this matter] 4p on 1 leaf + 4p on 1 leaf
- 301 1810 Oct. 31 [Letter] Portsea [to] S Goodrich, Navy Office, London/James Linaker, [re weight of double equalizing rope machine; demand for pipes and stop cocks for Ports mouth Yard] 3p on 1 leaf
- 302 1810 Nov. 5 [Excerpt of] Bradley Bill for equalizing [rope] Machine [for Portsmouth, dissecting weight and cost/S Goodrich] 1p
- 303 1810 Nov. 6 Prices of Smith's Work for Steam Engines etc given at Haigh Iron Works, Lancashire/Rob.Daglish, [and mention of prices of Fenton Murray Wood & Co and Boulton & Watt and latters' barometers. Includes letter [to Goodrich]/Daglish, detailing works practice of 'Mr Murry' and 'Bolton & Watts'. With list of 'Moulders Prices for Castings'] 4p on 1 leaf + 1p
- 304 1810 Dec. 15 [Printed circular]/John I Hawkins, Great Titchfield Street, [being an invitation to witness the launching at Rotherhithe of 'a cylinder of Brickwork, designed to form a part of the Tunnel under the Thames'] 1p
- 305 1810 Dec. 21 Cast Iron Pipes etc & Cocks for Water Works. [Signed S Bentham. Bears note 'Cancelled S G 3 July 1811'] Line drawing, 31.5 x 40.5cm Scale 1:4
- 306 1810 Dec. 31 [Printed notice (with ms. additions)]/Navy Office, [re] supplying Yard at Ports- mouth with Cast Iron Water pipes 1p
- 307 1811 Some Remarks on the White Lead of Commerce and its deleterious effects on those employed in its preparation ... /J

- F Vandercom. [Includes endorsement by Wm Haseldine Pepys of Vandercom's new process of manufacture] 8p on 2 leaves
- 308 1811 [Letterbook copy estimate/S Goodrich], for rebuilding the Slip No.1 at H M Dock Yard at Chatham with Stone 2p on 2 leaves
- 309 1811 [Draft] Particulars for making out a Form of Tender for supplying H M D Yard Cha[tham] with Kentish Rag and Ashler Stone for rebuilding a Slip 1p
- 310 1811 Jan. [Note addressed to] S Goodrich [giving level of gateway of Chatham Dock Yard compared with other parts] 1p
2
- 311 1811 Jan. [Copy bill to Navy Commissioners]/Fenton Murray Wood & Lister, Leeds, [re pipes for boiler, pump and engine materials etc and work at Sheerness, bearing note to S Goodrich] 2p on 1 leaf
15
- 312 1811 Mar. [Copy of sketch by Mr Rastrick of Mr Coulson's Iron Rolling Mill, London/S Goodrich] Line drawing, 41 x 32.5cm
12
- 313 1811 Mar. Calculations of the Weight of Cast Iron Pipes for the proposed Contract [for Chatham Dock Yard/S Goodrich] 3p on 2 leaves
16
- 314 1811 Mar. [Letter] H M Dock Yd, Plymouth [to] S Goodrich/James Mitchell, [re] Equalizing Machinery for Ropemaking. [With line drawing of same] 2p on 1 leaf + 1 leaf
17
- 315 1811 Mar. [Letter] Fratton [to] S Goodrich/James Linaker. [He is ill; mentions 10 ton cranes] 2p on 1 leaf
25
- 316 1811 Mar. [Letter] Queenboro [to] S Goodrich, Navy Office/Wm Heard, Giving an account of the floating etc of the 1st Mass at Sheerness. [Bears ink sketches] 3p on 1 leaf
31
- 317 1811 Apr. [Letter] Queenborough [to] S Goodrich, Navy Office/William Heard, [re] Specific Gravity of Brickwork of the Mass 1p
2
- 318 1811 Apr. [Extract of letter] from Mr Mitchell, Plymouth/S Goodrich, [re] double equallizing Machine [and] Size of Tubes and Number of Yarns and Reels in Ropemaking 1p
5
- 319 1811 Apr. [Letter] Navy Office [to] Navy Board/S Goodrich, [asking for permission to go to Chatham Dock Yard with Mr Maudslay to see the equalizing machines and thence to Sheerness to
8

see the cement mill. Endorsed with Board's approval, but suggesting he also checks 'the laying down of the Pipes in Chatham Yard'] 2p on 1 leaf

- 320 1811 Apr. [Copy] Estimate from Sir Saml. Bentham [being] 16 Calculations respecting the [Mass] Wharf Wall at Sheerness 2p on 1 leaf
- 321 1811 May [Letter] Metal Mills [to] S Goodrich/H Vernon, About a Cupola 11 for mill for melting the Copper Slag 2p on 1 leaf
- 322 1811 May [Letterbook copy letter] Navy Office [to] Committee of 15 Stores/S Goodrich, [proposing cupola for remelting copper slag. With draft letter, 20 May 1811, to Committee of Stores/S Goodrich, stating reason for furnace and cost] 2p on 2 leaves + 1p
- 323 1811 May [Letter to] S Goodrich/H Vernon, [re the advancing of wages 17 for certain workmen, particularly Joseph Horn who manages Dorrell's furnace] 1p
- 324 1811 May [Copy letter] Admiralty [to Navy Board]/J Barrow, [on metal 18 made from mixture of copper and tin] 1p
- 325 1811 May [Copy contractors' tenders, being contract prices for building 24/Aug. 1 wharf wall, Sheerness Dock Yard] 2p on 1 leaf 1811
- 326 1811 Jun. [Letter] H M Dock Yard, Plymouth [to] S Goodrich, Navy 1 Office/James Mitchell, [re joints of cast-iron pipes. Bears sketch] 3p on 1 leaf
- 327 1811 Jun. [Copy letter] Navy Office [to] Mr Parsons, 'Contractor for 5 Pipes for Plymouth'/S Goodrich, [re] form of sockets for Cast Iron Pipes. [Bears sketch] 1p
- 328 1811 Jun. Rough Draft of particulars for Working the Cement Mill at 8 Sheerness/S Goodrich 3p on 2 leaves
- 329 1811 Jul. [Memorandum of] Prices of Kentish Wrag Stone and of Dundee and Cornish Granite [from Mr Benstead, from Mr Grey, and from Robert & Co] 2p on 1 leaf
- 330 1811 Jul. Table No.1 shewing various particulars respecting the Cast 2/11 Iron Pipes [for] Dock Yard at Chatham. [Signed p.p. S Bentham] 2p on 2 leaves
- 331 1811 Jul. Table No.2 shewing various particulars respecting the Cast 2 Iron Pipes to be delivered at His Majesty's Dock Yard at Portsmouth/'Signed S Bentham'. [Bears note 'Copy ... sent

to Richd Parsons'] 1p

- 332 1811 Aug. [Copy letter] Mill Wall Lime Works/James Grellier, [and
1/May 24 memo of Messrs Nicholson & Milton's proposals; both re
costs of masonry and cement for Sheerness Dockyard] 2p
on 1 leaf
- 333 1811 Aug. Sketch by Heard of the first 21ft Mass Sunk at Sheerness
24 Line drawing, 31.5 x 20cm Scale 1/10":1'
- 334 1811 [Copy bill to] Commissioners of H M Navy/ Lloyd & Ostell,
Sept. 27 [re] Repairs and alterations made to the Pump & Machinery
at the Naval Well, Sheerness 2p on 1 leaf
- 335 1811 ----- as above -----
Sept. 27 Lloyd & Ostell, For a Steam Engine and sundry machinery
for manufacturing Cement at HM D'yard Sheerness 7p on 2
leaves
- 336 1811 Oct. [Letter to] S Goodrich, Somerset Place, London/T Coulson,
14 Respecting the proposed Breakwater at Plymouth 4p on 1
leaf
- 337 1811 Oct. [Letter] Sheerness Dock Yard [to] S Goodrich/Wm Heard,
20 [re] defects of the Mill Stones of the Cement Mill 4p on 1 leaf
- 338 1811 Nov. [Copy tabulated statement]: Amount of Sums paid Messrs
1 Grenfell for the undermentioned articles [nails and bolts] in
1810/C A C[?] 1p
- 339 1811 Nov. [Copy letter] Woodland, Swansea [to S Goodrich]/ Geo
2 Warde, [re] Proposal to supply Copper Sheets & Bolts at 7£
per ton above the Standard of Cornwall upon condition of a
Loan of 5000 & Contract for some years 2p on 1 leaf
- 340 1811 Nov. [Letter] Lambeth [to] S Goodrich/Henry Maudslay, [re] Prices
12 of Equalizing Machines and Rope Jacks 1p
- 341 1811 Nov. [Letterbook copy letter] Navy Office [to] Navy Board/S
16 Goodrich (p.p. S Bentham) [being a Report on prices for ...
Nails, Grenfell's Contract 2p on 2 leaves
- 342 1811 Nov. [Letterbook copy letter] Navy Office [to] Sir S Bentham/S
21 Goodrich, [re] Conduct of Hughes, the Refiner [at
Portsmouth] 4p on 4 leaves
- 343 1811 Nov. [Copy letter] Navy Office [to] Sir S Bentham/S Goodrich.
26 Report on Wharf Wall at Deptford Vic[ituallin]g Yard
recommending how its defects should be remedied 3p on 1

leaf

- 344 1811 Nov. [Letter] Chatham Ropeyard [to] S Goodrich/Jos. Parsons, 27 making some Complaints about the New Equalizing Machine 1p
- 345 1811 Nov. Letterbook copy letter] Navy Office [to] Mr [William] Rees [of 28 Pencland Copper Works in Wales]/S Goodrich, In answer to his application in favour of [William] Hughes the Refiner 2p on 2 leaves
- 346 1811 Nov. [Letter] Chatham yard [to] S Goodrich/W Fenwick, Master 28 Ropemaker, Contradicting Mr Parsons the Foreman about the defects of the equalizing Machine 2p on 1 leaf
- 347 1811 Dec. [Draft] Form of Tender for performing the Labour in Mason's Work in building a Slip at ... Chatham .../S Goodrich 5p on 3 leaves
- 348 1811 Dec. An Account of the materials actually expended in completing one of the Covering Arches over the Masses [at Sheerness/Wm Heard] 1p
- 349 1811 Dec. Shafts and Wheels for Cement & Mortar Mill, Sheerness [sent to] S Goodrich, Navy Office [by] John Kingston Line drawing, 36 x 22cm
- 350 1811 [Copy bill to] Commissioners of H M Navy/Lloyd & Ostell, [for Dec./181 machinery parts etc for Sheerness] 2p on 1 leaf
2 Jan.
- 351 1811 Dec. [Copy letter] Chelsea [to] the Admiralty/M I Brunel, [re 7 erection of sawmills using circular saws in H M Dockyards] 4p on 1 leaf
- 352 1811 Dec. [Copy letter] Admiralty Office [to] Navy Board [and] S 10 Goodrich/John Barrow, [re Brunel's visit to Chatham Yard concerning erection of sawmills there] 2p on 1 leaf
- 353 1811 Dec. [Letter to] S Goodrich/Sir S Bentham, [re] the Stone Slip for 11 Chatham 1p
- 354 [ca.1812] [Copy estimate re] Millwright's Work prepared for Plymouth Dock Yard [for Navy Commissioners. Watermarked 1812] 5p on 2 leaves
- 355 [ca.1812] [Wheel and axle of large extinguishing engine. Watermarked 1812] Line drawing, 31.5 x 20.5cm
- 356 1812 [Estimate]/Mr Heard, [showing quantity of material for one

- rod of brickwork, Sheerness] 1p
- 357 1812 Estimate/Mr Heard, for a Rod of Rubble Work [Sheerness] 1p
- 358 1812 Estimate/Mr Heard, [for] One Rod of Brickwork for the Masses, [Sheerness] 1p
- 359 1812 [Estimate] Mr Heard, [re cost of labour on rubble work, Sheerness] 2p on 1 leaf
- 360 1812 Estimate/Mr Heard, for a Rod of Rubble work ... by the Masons at present employed, assisted by the Convicts [on wharf wall at Sheerness] 1p
- 361 1812 [Estimate]/Mr Heard, [re quantity and cost of materials per foot run of the Masses, Sheerness. Bears line drawing at 1/10":1' scale] 1p
- 362 1812 Estimate/Mr Heard, of the Expense of the Materials & Labour in One Rod of Brickwork [at Sheerness] set in Roman Cement by Mr Milton 1p
- 363 1812 Jan. 2 [Rough summary of contractors' tenders re prices for stone: Wm Bensted's for Chatham and Sheerness; Nicholson's for Chatham; Milton's for Sheerness. Bears note: 'Mr Bensted agreed with for Chatham. A Fresh Tender to be made for Sheerness'] 1p
- 364 1812 Jan. 9 [Rough summary of contractors' tenders re prices for stone slip at Chatham (and Sheerness?): G H Brocket; Wm Davis & Saml. Jennings; Nicholson & Milton; Archd. Ritchie. Bears note: 'Brocket agreed with'] 1p
- 365 1812 Jan. 10 [Letter] Camp Field, Leeds [to] S Goodrich/James Alderson, Requesting a situation as a Draftsman 1p
- 366 1812 Jan. 20 [Letter] Wimpole St [to] S Goodrich, Upper Eaton St, Pimlico/R Davenport, Respecting the Copper supplied by John Grenfell 3p on 1 leaf
- 367 1812 Feb. Copy of Mr Vernon's observations on the experiment[al] Copper A.B.C. [supplied by John Grenfell?] 5p on 2 leaves
- 368 1812 Feb. 21 [Letter] Wimpole St [to] S Goodrich, Navy Office/Rich. Davenport, About Refining Copper 3p on 1 leaf
- 369 1812 Mar. Report to Commis[sione]r Grey/H Vernon, on the Exper[imental] Cop[pe]r A.B.C. 4p on 1 leaf

- 370 1812 Mar. [Letter] Portsmouth Yard [to] S Goodrich/H Wentworth,
17 Complaining of Mr Kingston's treatment of him 2p on 1 leaf
- 371 1812 Mar. [Letter] Woolwich Yard [to] S Goodrich/Edwd Sison, [re] a
Weigh Bridge ... to be supplied by Mr Sheppard 1p
- 372 1812 Mar. [Letter] Sheerness [to] S Goodrich, Navy Office/John
5 Kingston, Sending a Sketch for a Wheel and Pinion for
drawing the Pump Rods of the Navy Well. [Bears line
drawing (with wash). Attached is separate annotated line
drawing re same] 3p on 1 leaf + 1p
- 373 1812 Mar. [Letter] Bridgnorth [to] S Goodrich, Navy Office/John U
23 Rastrick, [being] Observations ... about a Forge and Mill for
Iron [at Woolwich Dockyard. Bears sketch] 4p on 1 leaf
- 374 1812 Apr. [Letter] Bridgnorth [to] S Goodrich, Navy Office/John U
12 Rastrick, [being] Observations about rolling Iron 5p on 2
leaves
- 375 1812 Apr. [Letterbook copy letter] Navy Office [to] Navy Bd/S Goodrich,
17 [being] Report on Mr Beal's Proposed Trenail Making
Machine. [Bears note, 1834 Jan 9/S Goodrich, re supply of
circular trenail-cutting tools and lathes supplied to
Dockyards in 1805-6] 3p on 3 leaves
- 376 1812 Apr. [Letter and statement to S Goodrich]/John Lloyd, [re parts of
30 machinery delivered to 'Respective Officers at Sheerness']
1p
- 377 1812 May [Copy bill] Plymouth Yard [to Navy Board]/J Hollinsworth,
2 [being an account and prices of materials delivered by David]
Forbes, Brass Founder, Cumberland Street, Shoreditch 2p
on 1 leaf
- 378 1812 May [Letter] Portsmouth Yard [to] S Goodrich/J Burr, Master of
7 the Wood Mills, [re] the defects in the Brass Coaks of the
Block Sheaves. [Bears note to Mr Nelson/S Goodrich] 2p on
1 leaf
- 379 1812 May [Letterbook copy report to Navy Board]/S Goodrich, [with,
9 and objecting to the charges in,] Mr [John] Roebuck's Bill for
Horse Wheel Machinery for Malta 2p on 2 leaves + 3p on 1
leaf
- 380 1812 May Plan of part of the New Wharf Wall ... Sheerness/Wm Heard
21 Line drawing, 15 x 27cm Scale 1":50'

- 381 1812 May 29 Estimate for a Rod of Rubble Work [at Sheerness]/Mr Heard 1p
- 382 1812 May 30 Comparative Estimate of Rubble & Brickwork [at Sheerness]/Mr Heard 1p
- 383 1812 Jun. 18 [Letter] Portsmo. Yard [to] S Goodrich, Navy Office/H Wentworth, [re] Kingston's treatment of him. [Bears copy reply/S Goodrich] 3p on 1 leaf
- 384 1812 Jun. 19 Copy Bricklayer's Estimate [for S Goodrich] for Repairing the East Rope Ho., Plymouth/Rob. May 1p
- 385 1812 Jun. 26 [Letterbook copy] Report [to Navy Board] on Messrs Laing & Barwell's Memorial respecting their supplying of Ships' Fire Hearths/S Goodrich. [Bears transcript of minute to S Goodrich/Navy Board, approving his 'being employed to revise the Prices of Messrs Lambs Fire hearths'] 4p on 4 leaves
- 386 1812 Jun. 29 [Copy memorandum to S Goodrich]/H Rogers, [being] Observations explanatory of some parts of the Accounts respecting the re-manufacture of Old Copper Sheathing etc in Portsmouth Dock Yard. [With accounts 1 to 15, being enclosures to above] 8p on 2 leaves + 19p on 9 leaves
- 387 1812 Jul. 15 [Letter] Bridgnorth [to] S Goodrich, Navy Office/John U Rastrick, Proposing Prices for Castings and Firehearth Work 3p on 1 leaf
- 388 1812 Jul. 15 [Note] Sheerness [to] S Goodrich/Sir Saml. Bentham, [re] the falling in of the ... Navy Well. [Bears further notes by Goodrich] 2p on 1 leaf
- 389 1812 Jul. 16 [Letterbook copy letter] Navy Office [to] Sir Saml. Bentham/S Goodrich, [re] the falling in of the Navy Well, [Sheerness] 4p on 4 leaves
- 390 1812 Jul. 17 [Letterbook copy letter] Navy Office [to] Mr Rastrick/S Goodrich, [re] prices of Tanks, [castings] etc 4p on 4 leaves
- 391 1812 Jul. 17 [Letter] King St, Portsea, Portsmouth [to] S Goodrich, Navy Office/Henry Wentworth. ['He has left the Yard and asks my recommendation to the work of the Vict[uallin]g B[oar]d of Ports[mou]th'] 3p on 1 leaf
- 392 1812 Jul. 20 [Letterbook copy report] Victualling Yard, Deptford [to] Navy Board/S Goodrich [and] C Fleming [Master Blacksmith?], on the Price of the (Pattern) Tanks made by Messrs Maudslay

and Dickenson 2p on 2 leaves

- 393 1812 Jul. 23 [Letterbook copy letter] Navy Office [to] Mr James, Mas[te]r Smith at Woolwich/S Goodrich, [re] a meeting to consult about the revision of Lamb [& Co's ships'] firehearths. [Mr Fleming to attend also] 1p
- 394 1812 Jul. 31 [Letterbook copy letter] Navy Office [to] Messrs Gill, Bray & Hornbrook/S Goodrich, Sending dimensions of the Cast Iron Beams that may be required for Ply [mou]th Ropery. [Bears sketch] 2p on 2 leaves
- 395 1812 Aug. 14 [Draft report] Navy Office [to] Navy Board/S Goodrich, [on situation for a new Navy Well at Sheerness] 7p on 3 leaves
- 396 1812 Mar. 18 [Copy bill] Plymouth Dock [to] Lt George Truscott, Navy Commissioners/J Hearle, [for brass barrel forcing pump, leather suction hoses etc. With letterbook copy note, 1812 Aug 5, to Navy Commissioners/S Goodrich, re Messrs Noble's prices (1p); Estimate (for Navy Commissioners) of lift and force pump and estimate of forcing pump and extinguishing engine as fitted on board HMS *Dover* for direction of Capt Truscott/S Goodrich (4p on 1 leaf); rough estimate of weights for pump etc/S Goodrich (2p on 1 leaf)] 1p
- 397 1812 Aug. 27 [Letterbook copy note]/S Goodrich, being] Instruction [re] the Work of the Stone Slip at Chatham [to be done by Bocket] 3p on 3 leaves
- 398 1812 Sept. 25 [Letterbook copy note]/S Goodrich, being] Instruction [re] the Work of the Stone Slip at Chatham [to be done by Bocket] 3p on 3 leaves
- 399 1812 Oct. [Rough] Estimate for rebuilding the Eastern Ropehouse [Plymouth] Fireproof with a Reservoir over it in lieu of a Roof/[S Goodrich] 9p on 3 leaves
- 400 1812 Oct. 1 [Draft] Minute to Navy Bd/S Goodrich, [re] the Work of Chatham new Slip requiring inspection etc. [Bears note by Goodrich: he assumed the Board would send him but it considered it was business for Mr Holl] 2p on 1 leaf
- 401 1812 Oct. 3 [Letter] H M Dock Yard, Plymouth [to] S Goodrich, Navy Office/Jas. Mitchell, [re cranes and mill for sawing stone. With line drawing (with wash) of saws, at ¼":1' scale] 3p on 1 leaf + 1 leaf

- 402 1812 Oct. [Letter] Eaton St [to] S Goodrich/Edwd Holl. He is going to
7 Chatham on the business of the Slip 1p
- 403 1812 Oct. [Letter] Sheerness Dock Yard [to] Sir Samuel Bentham/Wm
11 Heard, [re and with line drawing (with wash) of plans and
sections of a wharf wall and a double-faced wharf wall] 1p +
1 leaf
- 404 1812 Oct. [Draft letter] Navy Office [to] Ny Board/S Goodrich,
24 Proposing to go to Chatham and Sheerness on the subject of
the Wells & Waterworks
- 405 1812 Oct. [Draft letter] Sheerness Dock Yard [to] Comm. Lobb/S
29 Goodrich, [consulting him re sinking of New Navy Well] 3p
on 1 leaf
- 406 1812 Oct. Plan of His Majesty's Premises at the Navy Well shewing ...
29 the straighter course proposed for the Ditch for Draining the
Marsh Line drawing with wash, 25 x 42.5cm Scale 3":100'
- 407 1812 Oct. [Letter] Hampstead [to] S Goodrich/Sir Saml. Bentham,
30 About filling in the Masses according to S G's suggestions.
[Bears rough notes by Goodrich on verso] 2p on 1 leaf
- 408 1812 Nov. [Letter] Sheerness [to] S Goodrich, Navy Office/John
8 Kingston, [re sinking New Navy Well. Bears line drawing
(with wash) at scale 1":8'] 2p on 1 leaf
- 409 1812 Nov. [Letter] Sheerness [to] S Goodrich, Navy Office/John
11 Kingston, [re sinking New Navy Well] 2p on 1 leaf
- 410 1812 Nov. [Draft report to Navy Board]/S Goodrich, [re sinking of New
12 Navy Well, Sheerness, including estimate and form of
tender. Includes, also, transcript of minute to Goodrich/Navy
Board, instructing him and allowing payment to Messrs
Nicholson & Milton for excavation work] 15p on 4 leaves
- 411 1812 Nov. [Letter] Bridgnorth [to] S Goodrich, Navy Office/John U
15 Rastrick, [giving an account of his tour of the West Country:
going to Davenport's copper mill near Swansea; seeing
Woolfe's engines in Cornwall; travelling with Trevithick to
Plymouth Dock Yard; reporting on Onions' steam wheel, etc]
11p on 3 leaves
- 412 1812 Nov. [Letter] Sheerness [to] S Goodrich/Wm Heard, [re the wharf
15 wall and convict labour] 2p on 1 leaf
- 413 1812 Nov. [Draft report] Navy Office [to Navy Board]/S Goodrich, [on

- 16 Alexander Cock's composition for curing dry rot] 6p on 3 leaves
- 414 [1812] [Draft letter] Navy Office [to Navy Board]/ S Goodrich, [re provision of temporary pump at New Navy Well, Sheerness] Nov. 18 2p on 1 leaf
- 415 1812 Nov. [Letter] Hampstead [to] S Goodrich, Navy Office/Sir Sam'l 20 Bentham, [re the copper companies and his report thereon] 3p on 1 leaf
- 416 1812 Nov. [Draft letter to J Kingston/S Goodrich, directing him to 21 receive temporary pumping apparatus from Messrs Lloyd & Ostell] 1p
- 417 1812 Nov. [Letter] Chatham [to] S Goodrich/Thos. Milton Jnr. 'His 26 Father has begun the New Well at Sheerness' 1p
- 418 1812 Nov. [Draft minute, with letterbook copy instructions, to 28 Sheerness Officers]/S Goodrich, for the guidance of the Contractors in beginning the work of the new Navy Well at Sheerness 4p on 4 leaves
- 419 1812 Nov. [Draft minute to] Navy Board/S Goodrich, for repairing the 30 damage done by the fire at Cement Mill, [Sheerness] 1p
- 420 1812 Dec. [Letter to] S Goodrich/Elton Hammond, [re erection of hot 2 air stove-see GOOD C169] 2p on 1 leaf
- 421 1812 Dec. [Draft report to] Committee of Stores/S Goodrich, [re 4 Collison's improved machine for sweetening water] 1p
- 422 1812 Dec. [Letter] Sheerness [to] S Goodrich/John Kingston; [ready to 8 sink one of curbs at Navy Well, Sheerness] 1p
- 423 1812 Dec. [Copy letter] Navy Office [to] Committee of Accts/S Goodrich, 22 [re prices charged by Capt Brown for chain cables] 2p on 1 leaf
- 423a 1812? A Press/[S Goodrich. Watermarked 1812] Ink sketch, 18 x 15cm
- 424 [1813?] [Parts of extinguishing engine. Watermarked 1813] Line drawing, 47.5 x 37.5cm Scale 1½":1'
- 425 [1813?] [Parts of large extinguishing engine/S Goodrich. Bears rough sketch of lime kiln on verso. Watermarked 1813] Line drawing, 23 x 37.5cm

- 426 [1813?] Sketch for a Brass Furnace with Melting Pots/[S Goodrich. Watermarked 1813] Line drawing, 33 x 40.5cm
- 427 1813 [Sketches and notes, giving sizes of boilers]/S Goodrich. [One leaf headed 'Boilers for 8 Guns Sloops'] 4 leaves
- 428 - Battersea. Description of M Noble & Co's Patent Chest [i.e. Fire] Engine for the Use of Shipping etc. [Engine tried before Goodrich et al at Woolwich Dock Yard 30 Sept 1811. Mark Noble patented two fire engines for marine purposes: in 1807 (no.3037) and 1809 (no.3289)] Engraving, 18.5 x 25.5cm
- 429 1813 Jan. 9 [Copy of tables nos. 1 to 5 of] Prices which it seems reasonable to allow for the Ships Firehearths as now made by Messrs Lamb & Co for the different Classes of Ships of War in His Majesty's Navy and of the various Articles appertaining to the same. [Each signed by S Goodrich and by the master smiths of Deptford and Woolwich, Chas Fleming and Thos James. With draft letter, Jan 9, Navy Office, to Navy Board/S Goodrich, re same (4p on 2 leaves); and letterbook copy letter, Jan 13, to Mr Nelson/S Goodrich, re same (1p). See /1465] 13p on 5 leaves
- 430 1813 [Illustrated advertisement for John Lamb's firehearth and condenser, manufactured by John Lamb & Co, Parsons St, Wellclose Square, London. Re Lamb's patent no. 2952 of 1806] 1 leaf
- 431 [ca.1813] [----- as above ----- manufactured by James Rutherford, East Smithfield, London. Re Lamb's patent as above] 1 leaf
- 432 1813 [Calculations re cost of melting and refining copper/S Goodrich] 4p on 1 leaf
- 433 1813 Feb. 8 [Letter] Sheerness [to] S Goodrich, Navy Office/John Kingston, [reporting progress of New Navy Well, Sheerness. Bears minute, Feb 9, to R A Nelson, Navy Board/S Goodrich, re this letter and a drawing for guidance of Sheerness Officers] 3p on 1 leaf
- 434 1813 Feb. 10 [Draft letter] Navy Office [to] R A Nelson, [Navy Board]/S Goodrich, [re drawing for guidance of Sheerness Officers] 1p
- 435 1813 Feb. 20 [Letterbook copy letter to] Navy Board/S Goodrich, [re erection of metal mills and millwright's shop etc] 5p on 5 leaves

- 436 1813 Feb. 26-17 Apr. Calculations respecting the proposed Flour Mill by Steam to perform the same quantity of Work as the present Kings Mill at Portsmouth 30p on 9 leaves
- 437 1813 Mar. 2 [Copy bill to] Portsea Island Water Works/John Dickson, [for supplying and fixing two steam engines of 20hp of kind called double engines, between 1810 Jan-Aug] 4p on 2 leaves
- 438 1813 Mar. 4 [Letter] Leeds [to] S Goodrich, Kings Mills, Portsmouth/M Murray, for Fenton Murray & Wood, containing Data for Corn Mill Steam Engines and the prices and proportions of Engines ... [Bears line drawings] 3p on 1 leaf
- 439 1813 Mar. 24 [Letter] Navy Office [to] S Goodrich, Dock Yard, Portsmouth/[Officers] F J Hartwell, Wm Rule, H Legge, [re, and bearing copy of letter, Mar 17, from Mr Street of Clifton re his 'blowing engines' and testimonials of John Williams, Inspector at Mercer Gordon & Co and William Acraman of Acramans Iron Works, Bristol. John Street had two patents (3449 in 1811 and 3949 in 1815) for 'making and working bellows'] 4p on 1 leaf
- 440 1813 Mar. 31 [Letterbook copy letter] Upper Eaton St, Pimlico [to] Navy Board/S Goodrich, [re Lamb's firehearths] 1p
- 441 1813 Apr. 6 [Copy estimate] Parsons St [to Navy Board]/Lamb Nicholson & Co, [re extra articles and charges in delivery for firehearths] 2p on 1 leaf
- 442 1813 Apr. 17 [Letter to S Goodrich]/C W Foster, [re] Prices of Coals for Portsmouth 1p
- 443 1813 Apr. 17 [Letterbook copy letter] Upper Eaton Street, Pimlico [to] Commissioners for Victualling/S Goodrich, [re erection of steam corn mill, Portsmouth] 13p on 13 leaves
- 444 1813 Apr. 17 [Letterbook copy] Estimate for a Corn Mill for the Victualling Department at Portsmouth/S Goodrich 4p on 4 leaves
- 445 1813 Apr. 24 [Letterbook copy letter] Upper Eaton St, Pimlico [to] Navy Board/S Goodrich, [being report on revision of Laing & Barwell's prices for firehearths] 3p on 3 leaves
- 446 1813 May 3 [Draft letter] Upper Eaton Street, Pimlico [to] Navy Commissioners/S Goodrich, [re estimate of value of wooden screw press at Deptford Yard. Bears calculations (not sent)] 2p on 1 leaf

- 447 1813 May 3 'An Account given me by Mr [Joshua] Field', being Result of an experiment made to ascertain what quantity of wheat could be ground with one of Woolf & Edwards [9hp] Steam engines ... [at their] manufactory, Lambeth, July 12 1811. [Relates to planning Albion Mills; see 1802 correspondence] 1p
- 448 1813 Apr.-May [Papers re Messrs H Maudslay & Co's bill for pumps, material and work done in connection with Capt Jekyll's improvements in fitting pumps for fire engines]
- 448/1 1813 Apr. Copy [bill] Thornton Row, Greenwich [to] Navy Commissioners/Comm. John Jekyll [for work etc bought of Maudslay & Co] 4p on 1 leaf
- 448/2 1813 May 4 [Letter] Lambeth [to] Navy Commissioners [re and with tabulated statement re cost of 'fitting up pumps per order of Captn Jekyll'] 1p + 3p on 1 sheet
- 448/3 1813 Apr. 5 [Copy letter] Thornton Row, Greenwich [to] Navy Commissioners/Com. John Jekyll, [finding fault with workmanship and attitude of Maudslay & Co. With copy estimates of Captain Jekyll's plan of 'converting ships' pumps into engines for extinguishing fire' 3p on 1 leaf + 2p on 1 leaf
- 448/4 1813 May 6 [Letterbook copy report] Upper Eaton St [to] Navy Commissioners/S Goodrich 3p on 3 leaves
- 449 1813 May 14 Copy Comparative Statement betwixt the Expense incurred on the Articles Manufactured in the Metal Mills in Portsmouth Dock Yard from the Year 1806 to 1811, as per Admiralty Account No.1 and the Expense at which the same might have been obtained from private Manufactures/Pascoe Grenfell 4p on 1 leaf
- 450 1813 May 15 [Letter] New City Chambers [to] S Goodrich, Upper Eaton Street, Pimlico/John Grenfell, [requesting estimate for London Copper Company of expense in manufacture of copper. With prospectus of the London Copper-Company] 2p on 1 leaf + 1p
- 451 1813 May 17 [Draft] Estimate of the Expense of two Gangs of Men one by day the other by night for Rolling 20 Tons of Copper Sheathing ... for John Grenfell/[S Goodrich] 1p
- 452 1813 May [Letterpress copy] Report on the Expense of Manufacturing

- 19 Copper, made for the London Copper Company by order of John Grenfell/S Goodrich, Upper Eaton Street, Pimlico 5p on 5 leaves
- 453 1813 May 23 [Letter to] S Goodrich, Upper Eaton Street, Pimlico/H R[ogers, re, and bearing statement re, manufacture of copper] 3p on 1 leaf
- 454 1813 May Copy letter] Newman St [to] Navy Commissioners/Robt. Bill, [re his steam cooking apparatus. [The Board has asked Goodrich to examine and report thereon] 3p on 1 leaf
- 455 1813 May 27-Dec. 1 Extracts of letters referred respecting Messrs Maudslay & Messrs Lloyd & Ostell's Cranes 2p on 1 leaf
- 456 1813 May 31 [Letter] Sheerness [to] S Goodrich, Upper Eaton Street, Pimlico/Wm Heard, [re pipes etc for New Navy Well. Bears line drawings] 2p on 1 leaf
- 457 1813 Jun. 1 Rough Estimate of Converting Messrs Pelby Works into a Copper Mill made in presence of Mr John Grenfell at his request/S Goodrich 1p
- 458 1813 Jun. 1 [Letter] Navy Office [to] S Goodrich, Upper Eaton Street, Pimlico/[Officers] F J Hartwell, H Legge, ? Middleton, [returning drawing of New Well, Sheerness, and requesting particulars of machinery required] 1p
- 459 1813 Jun. 3 [Copy letter] Upper Eaton Street, Pimlico [to Navy Board]/S Goodrich, [re and with letterbook copy specification of various articles of machinery required for the pump at the New Navy Well, Sheerness] 2p on 1 leaf + 3p on 3 leaves
- 460 1813 Jun. 16 [Letterbook copy memo]/S Goodrich, [being] Remarks on the Statement [of] 14 May 1813 respecting the Metal Mills at Portsmouth 11p on 11 leaves
- 461 1813 Jun. 16 [Copy memo]/S Goodrich, [being Remarks ... as above] 11p on 3 leaves
- 462 1813 Jun. 20 [Letterbook copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich, [being report on Robert Bill's apparatus for cooking by steam] 3p on 3 leaves
- 463 1813 Jun. 25 [Letterbook copy letter] Upper Eaton St, Pimlico [to] Commissioners for Victualling/S Goodrich, [re erection of steam flour mill at Portsmouth] 4p on 4 leaves

- 464 1813 Jun. Copy of Paper given to Mr Nelson, [Navy Board]/S Goodrich, 28 [showing] Bills Paid on account of the Six Horse Steam Engine, Pumps & Machinery for working it erected at the Navy Well at Sheerness. [Bills being of Messrs Fenton, Murray, and of Lloyd & Ostell et al] 1p
- 465 1813 Jun. [Copy letter] Upper Eaton St, Pimlico [to] Navy Board/S 29 Goodrich, [re and with his letterbook copy specification for] Cast Iron Cistern required for the New Navy Well at Sheerness 1p + 1p
- 466 1813 Jul. [Letterbook copy letter] Upper Eaton Street, Pimlico [to] 2 Navy Commissioners/S Goodrich, [re estimate for machinery etc for pump at New Navy Well, Sheerness] 3p on 3 leaves
- 467 1813 Jul. [Letter] Sheerness [to S Goodrich]/John Kingston, [informing 4 him the Well is finished] 2p on 1 leaf
- 468 1813 Jul. Extract taken from Form of Tender at Navy Office for the 8 Cistern for Navy Well, [Sheerness/S Goodrich] 1p
- 469 1813 Jul. [Draft letter] Upper Eaton Street [to] Navy Commissioners/S 9 Goodrich, [retaining drawing of New Navy Well at Sheerness and submitting another] 1p
- 470 1813 Jul. [Letterbook copy letter] Upper Eaton Street, Pimlico [to Navy 10 Board]/S Goodrich, [re and with draft specification and draft contract for building stone wharf with dam at Portsmouth Yard] 2p on 2 leaves + 6p on 2 leaves
- 471 1813 Jul. [Draft letter] Upper Eaton Street, Pimlico [to Navy Board]/S 12 Goodrich, [suggesting copy of specification of articles of machinery ordered of Messrs Lloyd & Ostell for New Navy Well be sent to the Sheerness Officers] 1p
- 472 1813 Jul. [Letter] Sheerness Yard [to] S Goodrich/W[illiam] Stone. [He 26 has passed Goodrich's letter to him to John Kingston for reply. It bears Kingston's reply of Jul 25, re pipes and working barrel for New Navy Well. He mentions Capn. Barren of Messrs Lloyd & Co. Bears line drawing] 3p on 1 leaf
- 472a 1813 Aug. [Letterbook copy] Specification ... of the Articles required ... 20 for the Forcing Pump to be fixed in the Well at the Saw Mill at ... Dock Yard at Chatham/S Goodrich 6p on 6 leaves
- 473 1813 Aug. [Letterbook copy letter] Upper Eaton Street, Pimlico [to] 29 Navy Commissioners/S Goodrich, [re use to Service of

articles in magazines at Deptford Yard] 5p on 5 leaves

- 474 1813 Copy Estimate [for S Goodrich]/Elton Hamond, of the annual
Sept. 16 Profits of the Saw Mill at Bankside Borough erected by his
Brother Charles 2p on 1 leaf
- 475 1813 [Copy letter] Upper Eaton Street [to John Barrow, secretary
Sept. 22 to Admiralty]/S Goodrich, [sending for the attention of their
Lords Commissioners at Portsmouth, his memorial for
compensation for] 'conducting the business of the late
Inspector General of Naval Works [Bentham] during the
absence of that Officer on other Service' [in Russia.
Endorsed in pencil 'Never got anything for his trouble but
plenty of praise'] 1p
- 476 1813 [Letter] Portsmouth [to] S Goodrich, Upper Eaton Street,
Sept. 25 Pimlico/[Officers] F B Thompson, R Topping, J D Thomson,
[asking for detailed plans for foundries and millwright's
shop] 1p
- 477 1813 [Letter] Boynton, nr Bridlington [to] S Goodrich, Upper Eaton
Sept. 26 Street, Pimlico/Sir William Strickland, [requesting him, on
recommendation of Sir Samuel Bentham, to visit Bridlington
and give opinion on the Harbour] 2p on 1 leaf
- 478 1813 Copy [letter] Upper Eaton Street, Pimlico [to] Sir Wm
Sept. 30 Strickland, [accepting invitation to visit Bridlington] 2p on 1
leaf
- 478a 1813 [Letterbook copy] Specification ... of the Articles required to
Sept. 29 be supplied for the Forcing Pump to be fixed at Plymouth [or
Chatham?] 4p on 4 leaves
- 479 1813 Oct. [Letter] Sheerness [to] S Goodrich, Upper Eaton Street,
3 Pimlico/John Kingston, [re weight of pump rods, bucket etc
of New Navy Well. Bears calculations by Goodrich] 4p on 1
leaf
- 480 1813 Oct. [Letterbook copy letter] Upper Eaton Street, Pimlico [to] Mr
5 Kingston/S Goodrich, [being reply to above] 3p on 3 leaves
- 481 1813 Oct. [Letterbook copy letter] Upper Eaton Street, Pimlico [to]
8 Navy Commissioners/S Goodrich, [asking for authority to
proceed to Portsmouth Yard] 1p
- 482 1813 Oct. [Letter] Navy Office [to] S Goodrich, Upper Eaton Street,
9 Pimlico/[Officers] F J Hartwell, H M Peake, R Topping.
[Commissioner George Grey has asked all officers at

Portsmouth Yard to give Goodrich all assistance to prepare plans for brass foundry, iron foundry and millwrights' shop] 1p

- 483 1813 Oct. [Letter] Boynton [to] S Goodrich, Upper Eaton Street, Pimlico/W Strickland, [giving him information re Bridlington Harbour] 3p on 1 leaf
- 484 1813 Oct. [Draft letter] H M Dock Yard, Portsmouth [to] Sir Wm Strickland/S Goodrich, [stating probable date he will visit Bridlington] 4p on 1 leaf
- 485 1813 Oct. [Letter] Boynton [to S Goodrich]/Wm Strickland, [stating 23 Nov as convenient date for Goodrich to visit Bridlington] 2p on 1 leaf
- 486 1813 Oct. Copy [letter] H M Dock Yard, Portsmouth [to] Sir Wm Strickland/S Goodrich, [accepting 23 Nov as date to visit Bridlington] 1p
- 487 1813 Nov. [Letter] Ports. Yd. [to S Goodrich]/Wm[?] Kingston, [giving price of stone and workmanship] 1p
- 488 1813 Nov. [Prices of timber/S Goodrich] 1p
5
- 489 1813 Nov. [Draft letter] H M Dock Yard, Portsmouth [to] Navy Commissioners/S Goodrich, [forwarding plan of foundries etc at Portsmouth] 5p on 2 leaves
- 490 1813 Nov. [Draft] Report, Portsmouth Dock Yard [to] Navy Board/[S Goodrich, re 'Mr Noble's Portable Chest Extinguishing Engine] 7p on 4 leaves
- 491 1813 Dec, [Questions on Mechanics, Hydrostatics etc for] Students of Naval Architecture ... at Royal Naval College/[S Goodrich] 6p on 2 leaves
- 492 1813 Dec. [Draft letter] At Mr Murray's, Leeds [to] Sir Wm Strickland, Boynton near Molton/S Goodrich, [re stone for use at Bridlington Harbour] 4p on 1 leaf
- 493 [1813] The North Pier Head, [Bridlington, showing height of tides/S Goodrich] Sketch, 31.5 x 20cm
- 494 [1813] Bridlington Harbour. Data and rough estimate/S Goodrich. [Bears rough pencil ground plan and statistics] 1 sheet
- 494a 1812 [Papers re Flour Mill worked by Steam Engine for the Dec.- Victualling Department, Portsmouth Dock Yard]

- 1813
Sept.
- 494a/ - Memoranda for a perpetual Oven/[S Goodrich] 2p on 1 leaf
1
- 494a/ - Kings Mills, Portsm. Account of wheat ground in the Years
2 1810, 11 and 12 1p
- 494a/ - Copy Estimate for a Corn Mill for the Victualling Department
3 at Portsmouth ... 2p on 1 leaf
- 494a/ - Particulars for the Estimate of the Buildings [of the] Steam
4 Mill for the Victualling Dept, Portsmouth 9p on 3 leaves
- 494a/ - [Draft] Estimate for two Sixteen Horse Steam Engines and
5 Machinery for the Proposed Corn Mill for the Victualling
Department at Portsmouth/[S Goodrich] 7p on 2 leaves
- 494a/ 1812 Dec. Copies of Correspondence/[S Goodrich], 1813 Jan 9
6 16-1813 **respecting the proposed Flour Mill** by Steam Engines for the
Jan. 9 Vic[tuallin]g Dept at Portsmouth. [Comprises: Office of
Ordnance to J W Croker/R H Crew; Admiralty Office to
Victualling Board/J Barrow; Portsmouth Victualling Office
minutes by William Reeks and by Samuel Hobbs; Victualling
Board minutes by W G and by W G and H G; Portsmouth to
Wm Reeks/J Wilmot] 6p on 2 leaves
- 494a/ - [Letter] Victualling Office [to] S Goodrich, Navy
7 Office/[Officers] G Storry, N W Welsh, J Aubin. [The Navy
Board has proferred Goodrich's name as the man to prepare
an estimate of the expense of converting an Ordnance
Storehouse at Portsmouth to a Flour Mill worked by Steam
Engine. They request him to report there to Mr Reeks, their
agent, who will render every assistance] 2p on 1 leaf
- 494a/ 1813 Feb. Copy account showing the Expense of His Majesty's Mill for 3
8 25 years, ending 30 Sept 1812 with the Statement of the
average Expense for one year/T Pitt, Portsmouth Victualling
Office 1p
- 494a/ 1813 Feb. Copy account showing the quantity of wheat Expended with
9 25 the produce thereof between Christmas Quarter 1809 &
Michaelmas Quarter 1812 with the average of the same for
one year/Chas. Pufoot, Storekeeper, Portsmouth Victualling
Yd [/8 & /9 above were both received by Goodrich from Mr
Reeks on Feb 26 and sent with his report on the proposed
mill to the Victualling Board on April 17]
- 494a/ 1813 Mar. Memoranda of some particulars as they occur in proceeding

- 10 21 with the design for the Steam Flour Mill for the Victualling Office at Portsmouth .../S Goodrich 3p on 2 leaves
- 494a/ 1813 Memo [re] Ground in front of the Long Store/[S Goodrich] 1p
11 Sept. 1
- 494b 1813/181 Idea for a Scuttle for a variable head for letting Water upon
6 Jan. 23 Water Wheel [etc. Pencil sketches and annotations] 4p on 4 leaves
- 495 [1814?] [Memoranda/S Goodrich, being] Dimensions relating to Ballast Eng[ine. Watermarked 1814] 6p on 2 leaves
- 496 [1814?] Memorandum/S Goodrich, re] Round Copper Boiler made by Green for Hull Water Works for 36H Engine. [Bears sketch] 1p
- 497 [1814?] [Details of large extinguishing engine/S Goodrich. Numerous sketches. Watermarked 1814] 2p on 1 sheet
- 498 [1814?] Dimensions of Bramah's Extinguishing Engine/[S Goodrich. Sketches and annotations. Watermarked 1814] 1 sheet
- 499 1814 [Lithograph trade circular for] Imperial metal fencing, or cast iron hurdles. Invented & Manufactured by Hazledine, Rastrick & Co, Iron Founders and Engine Makers, Bridgnorth. [Watermarked 1806] 1p
- 500 1814 Jan. [Letterbook copy report] Upper Eaton Street, Pimlico [to] 3 Navy Commissioners/S Goodrich, [on cranes made by Messrs Maudslay and by Messrs Lloyd & Ostell] 4p on 4 leaves

Goodrich Papers A 500-1000

- 501 1814 Jan. [Letterbook copy letter] Upper Eaton Street, Pimlico [to] 5 Navy Commissioners/S Goodrich, [being a report on Peter Hilderwick's hand pump, 'similar in principle to the Double Bucket Pump long since introduced into the Navy by Mr Noble'] 4p on 4 leaves
- 502 1814 Jan. [Letter] Navy Office [to] S Goodrich, Upper Eaton Street, 28 Pimlico/[Officers] F J Hartwell, H M Peake, H Legge, [requesting plans and estimates for Brass and Iron foundries and millwrights' shop at Portsmouth Dock] 1p
- 503 1814 Jan. [Letter] Boynton [to] S Goodrich, Upper Eaton Street,

- 28 Pimlico/Wm Strickland, [re stone for use at Bridlington Harbour] 3p on 1 leaf
- 504 1814 Feb. [Letter] Mark Lane [to] S Goodrich/[Capt] Sam. Brown, [re improvements made to his chain cables. Brown took out a patent (4090) in 1816 for chain manufacture] 5p on 2 leaves
7
- 505 1814 Feb. Copy [letter] '*Assistance*', Woolwich Yard [to] Navy Commissioners, Somerset Place, London/J C Wood, [writing favourably on Capt Brown's iron cable in use on the '*Assistance*' under his command] 3p on 1 leaf
10
- 506 1814 Feb. Receipt [to] S Goodrich/Society for the Encouragement of Arts, Manufactures and Commerce, [for four guineas for period Xmas 1812 to 1814. Bears signatures of Rob. Elwin and Robt. Clifford, secretary] 1 leaf
14
- 507 1814 Feb. Result of an Experiment made at H Maudslay & Co manufactory to ascertain the resistance in pounds against which men can work at a winch. [Bears note 'From Mr Field' and pencil doodles on verso] 1 leaf
14
- 508 1814 Feb. [Letterpress copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich, [on introducing copper boilers for steam engines] 2p on 2 leaves
15
- 509 1814 Feb. [Letterpress copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich, [re machine at Woolwich Yard for bending timber, prepared by Master Boat Builder Mr Hookey. With draft estimate of costs/S Goodrich] 6p on 6 leaves + 6p on 6 leaves
21
- 510 1814 Mar. [Letterpress copy letter and sketch] Upper Eaton Street, Pimlico [to ?]/S Goodrich, [re particulars of a copper boiler for 30HP steam engine for Portsmouth Dock Yard] 3p on 3 leaves
2
- 511 1814 Mar. [Letterpress copy letter] Upper Eaton Street, Pimlico [to] Capt Brown RN/S Goodrich, [asking him to send a piece of his iron chain to the Navy Office. Hawkes will be doing the same] 2p on 2 leaves
8
- 512 1814 Mar. [Letterpress copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich, [re six portable chest (i.e. fire) engines ordered from Mark Noble] 3p on 3 leaves
12
- 513 1814 Mar. [Letterpress copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich. [on Hawkes's iron cables
16

compared with Capt Brown's] 4p on 4 leaves

- 514 1814 Apr. 22 [Draft] Estimate for the New [Brass and Iron] Foundries [and additions to the Metal Mill and for a new Millwright's Shop], Portsmouth Yard/S Goodrich. [With additional estimates] 33p on 9 leaves + 4p on 1 leaf
- 515 1814 May 15 [Letterpress copy letter] Upper Eaton St, Pimlico [to] Navy Commissioners/S Goodrich, [on Street's blowing engine] 7p on 7 leaves
- 516 1814 May 18 [Letter] Sheerness [to] S Goodrich, Upper Eaton Street, Pimlico/John Kingston, [on various matters concerning the New Navy Well] 2p on 1 leaf
- 517 1814 May 19 [Letterpress copy letter] Upper Eaton St, Pimlico [to] Sir Wm Strickland/S Goodrich, [re report on Bridlington Harbour. Suggests appointment of another engineer owing to his own appointment as 'Engineer and Mechanist to reside at Portsmouth'] 3p on 3 leaves
- 518 1814 Jun. 10 [Letter] Boynton [to] S Goodrich, Upper Eaton Street, Pimlico/Wm Strickland, [with observations on Goodrich's letter [at /517]] 4p on 1 leaf
- 519 1814 Jun. 21 Navy Board Order [to] Officers, Portsmouth Dock Yard, fixing the Establishment of the Wood Mills, Metal Mills and Millwrights Shop/J Thomson, E Stewart, Percy Fraser 12p on 4 leaves
- 520 1814 Jun. 27 [Letter] Navy Office [to] S Goodrich, Ports.Yd./G Wolrige [p.p. Mr Morton, asking for plan shewing course of water pipes, Chatham Yard] 2p on 1 leaf
- 521 1814 Aug. 10 [Letter] Chatham Dock Yard [to] S Goodrich/John Kingston, [re complaints regarding pay of Michael Apsey; stop cocks required for Yard] 3p on 1 leaf
- 522 1814 Aug. 17 [Draft letter] Portsmouth Yard [to] Navy Board/S Goodrich [and N Diddams, p.p. Yard Officers, on mooting trenails by machinery, a job previously done by hand for 41 years by John Chainey] 2p on 1 leaf
- 523 1814 Aug. 30 [Letterpress copy letter] Portsmouth Yard [to] John Kingston, Millwright, Chatham Dock Yard/S Goodrich, [replying to Kingston's letter of Aug 10 (see/521). Asks for information on water works] 4p on 4 leaves

- 524 1814 [Letter] Chatham [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re forcing pump and laying pipes at Chatham Yard. Bears sketch] 3p on 1 leaf
Sept. 1
- 525 1814 [Copy letter] Portsmo. Yard [to] Navy Board/S Goodrich, [asking for apparatus to prove pipes at Chatham Yard] 2p on 1 leaf
Sept. 9
- 526 1814 [Draft letter] Portsmouth Yard [to] Mr Wilkinson/S Goodrich, [requesting information for the report on Bridlington Harbour] 4p on 1 leaf
Sept. 13
- 527 1814 [Letter] Bridlington [to] S Goodrich, Portsmouth Dock Yard/Robert Wilkinson, [replying to Goodrich's letter of Sept 13 (/526). Bears rough pencil sketches] 3p on 1 leaf
Sept. 17
- 528 1814 [Letter] Chatham Dock Yard [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re, and bearing sketch of, Chatham Yard and the layout of cast iron water pipes] 2p on 1 leaf
Sept. 18
- 529 1814 [Letter] Plymouth Dock Yard [to] S Goodrich, Portsmouth Dock Yard/Jas. Mitchell, [re method of proving water pipes by water pressure. Bears ink and wash sketches] 4p on 1 leaf
Sept. 21
- 530 1814 [Letter] Burlington [to] S Goodrich/Robert Wilkinson, [re height of tides at Bridlington Harbour] 2p on 1 leaf
Sept. 24
- 531 1814 [Letter] Queen ... Place [to] S Goodrich, Portsmouth Dock Yard/James Grelin, [quoting price for cement to be delivered at Bridlington Harbour] 3p on 1 leaf
Sept. 28
- 532 1814 [Copy report] Mile end Lodge, Portsmouth [to] Mr Taylor, Clerk to the Commissioners of Bridlington Piers/S Goodrich, [on Bridlington Harbour, forwarding drawings 1 and 2 and specification (see below)] 15p on 4 leaves
Sept. 29
- 533 1814 No.1. Plan of Bridlington Harbour in the County of York shewing a proposed Enlargement and Reparation of it by two new Piers of Stone. [Bears 'Rough Copy of the Plan sent in signed Simon Goodrich'. Folded; torn into two halves] Ink and wash drawing, 46 x 64cm Scale 1":1ch
Sept. 14
- 534 1814 No.2. Design for the new Piers of Stone for Bridlington Harbour. [Bears 'Rough Copy of the Design sent in ... signed Simon Goodrich'] Ink and wash drawing, 63.5 x 69cm Scale 1":10'
Sept. 29

- 535 1814 Sept. 29 Specification and Particulars of the Works to be performed for the Reparation and Enlargement of Bridlington Harbour agreeably to Plan No.1 and Design No.2. Copy ... accompanying S Goodrich's Report [of same date; see /532]/S Goodrich 8p on 2 leaves
- 536 1814 Oct. 3 [Letter] Burlington [to] S Goodrich, Portsmouth Dock Yard/R Wilkinson, [re height of tides at Bridlington Harbour. Bears sketch] 2p on 1 leaf
- 537 1814 Oct. 9 [Letter] St Petersburg [to] S Goodrich/Alexander Lubinoff, 'Returning thanks for my kindness towards him' 2p on 1 leaf
- 538 1814 Oct. 15 [Draft report to Navy Board]/S Goodrich, [re Fire Extinguishing Engine of Thos. Strode] 9p on 3 leaves
- 539 1814 Oct. 24 Copy [letter] Portsmouth Yard [to] Navy Board/S Goodrich, [requesting allowance for stationery] 1p
- 540 1814 Oct. 25 [Copy letter to Navy] Board/S Goodrich, [asking for a messenger and allowance of coals for his office] 1p
- 540a [1814 Oct.] Sketch made at a conversation with Mr Barton about his Plan of applying the Steam going off from a high pressure Steam Engine .../[S Goodrich. Bears date on verso] Ink sketch (annotated), 19.5 x 31.5cm
- 540b [1814 Nov.] [Hand-operated fire pumps]/S Goodrich Pencil sketches; 2p on 2 leaves
- 540c 1814 Dec. 21 [Draft letter (incomplete)] Portsmouth Dock Yard [to ?]/S Goodrich, [re bore of delivery pipe from forcing pump. Bears sketch of jack on verso] 1 leaf
- 541 1814 Nov. 17-1815 Sept. 3 [Memorand estimates and sketches re 'Cable and Cordage Breaking Machine'] 35p on 9 leaves
- 542 1814 Nov. 16-1815 Sept. 7 [Copy extracts etc of correspondence, S Goodrich and Navy Office; Goodrich is requested to form a plan and an estimate for a machine to test the strength of cables. Copy of Navy Board minute of 1815 Sept 7 added in 1831 Jun] 13p on 6 leaves
- 543 1814 Nov. 16 [Draft report] Portsmo. Yard [to Navy Board/S Goodrich, on Barton's steam engine for blowing fires, steaming timber etc with waste heat from forge fires] 4p on 3 leaves
- 544 1814 Nov. [Letter] Sheerness Yard [to] S Goodrich, Portsmouth Dock

- 23 Yard/H Rogers, [re works (wharf wall?) commenced by Rennie at Sheerness. With annotated ink sketch] 1p + 1p
- 545 1814 Dec. [Letter] Leeds [to] S Goodrich, Portsmouth Dock Yard/M
3 Murray, [recommending hydraulic pressure for testing strength of cordage. With line drawing re same] 2p on 1 leaf + 1p
- 546 1814 Dec. [Letter] Kings Road, Pimlico [to] S Goodrich, Portsmouth
7 Dock Yard/P Redgrave. [Personal letter, though with mention of 'Hydrostatic Press'] 2p on 1 leaf
- 547 1814 Dec. [Copy report] Portsmo. Yard [to] Hon Sir George Grey,
17 Commissioner/[Officers] S Goodrich, N D[iddams et al, re trial on board the *Berwick* of Noble's portable pumping engine and Capt Truscott's pump. Capt Brace was present. Mr Dickenson has made suggestions] 3p on 1 leaf
- 548 1814 Dec. [Letter] Chatham Yard [to] S Goodrich/John Kingston, [re
18 laying pipes at the Yard. Reference to Brunel's Works. Bears small line drawing] 2p on 1 leaf
- 549 1814 Dec. [Letterbook copy letter] Portsmouth Dock Yard [to] John
21 Kingston, [re laying water pipes at Chatham Yard. Reference to Mr Maudslay. Bears sketch] 4p on 4 leaves
- 550 1814 Dec. [Draft letter] Portsmouth Yard [to] M I Brunel/S Goodrich, [re
21 size of delivery pipe of force pump at Chatham Yard. Bears sketch] 4p on 1 leaf
- 551 1814 Dec. [Letter] Bridlington [to] S Goodrich, Mile End Lodge,
24 Portsmouth/Wm Strickland, H G Osbaldeston, Ralph Creyke, [thanking him for his report and asking him to recommend an engineer to carry on the work on Bridlington Harbour] 1p
- 552 1814 Dec. [Letter] Chelsea [to] S Goodrich, Portsmouth Dock Yard/M I
25 Brunel, [re difference in size of pipe and cocks applied to pump] 3p on 1 leaf
- 553 1814 Dec. [Letter] Chatham [to] S Goodrich, Portsmouth Dock
28 Yard/John Kingston, [re force pump and laying water pumps. Bears annotated line drawings] 2p on 1 leaf
- 554 1814 Dec. [Draft letter] Portsmouth Yard [to M I Brunel]/S Goodrich, [re
30 laying water pipes at Chatham Yard] 3p on 1 leaf
- 555 [1815?] [Parts of extinguishing engine. Watermarked 1815] Line drawings, 24.5 x 39cm Scale 1:8

- 556 [1815?] [Handles of extinguishing engine. Watermarked 1815] Line drawing, 25 x 39cm Scale 1:8
- 557 [1815?] [Parts of extinguishing engine. Watermarked 1815] Line drawings, 25 x 38.5cm Scale 1:8
- 558 [1815] [Letter] Sherborn Lane, Lombard St [to] S Goodrich/David Mathews, [fixing appointment at the Angel Inn, St Clements] 1p
- 559 [1815] [Memoranda/S Goodrich, comprising notes, estimates, calculations and sketches re Burlington Piers, Bridlington Harbour] 27p on 9 leaves
- 560 [1815] [Alternative cross sections of piers, Bridlington Harbour] Line drawings, 25 x 40cm Scale 1":7'
- 561 [1815] [Trade cards of] Spink, Rogerson, & Waddington, Bramley Fall Stone Quarry, near Leeds. [3 copies]
- 562 1815 [Advertisement for] Patent Anchor invented by Mr [Richard] Pering, [bearing details of tests of same on verso. Refers to his patent no.3726 of 1813 Jul. See also /998] Engraving, 10.5 x 19.5cm Scale 1:96
- 563 1815 Jan.? [Draft report to Navy Board]/S Goodrich, [p.p. Portsmouth Yard Officers, re John Peake's plan for lifting ships with screw shores. With copy letter, 1813 Dec 22, Plymouth Yard to Navy Board/John Peake, assistant to Master Shipwright, putting forward his new plan; copy minute, 1816 Oct 22, Navy Office to P[ortsmouth] Officers/T B M, J D T, J B, asking them to report on same] 9p on 5 leaves + 2p on 1 leaf
- 564 1815 Jan. 3 [Copy statement] Plymo. Yard [to] Navy Board/[Officers] T Roberts, T Hollinsworth, J Peake, - Creight, [re placing of 118 copper sheets from John Williams on the bottom of the *Phoebe* for trial] 1p
- 565 1815 Jan. 10 [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich [et al, re trial of round, in lieu of square, mixed metal nails] 2p on 1 leaf
- 566 1815 Jan. 19 [Draft letter] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams et al, re manufacture of copper bolts at the Metal Mills] 1p
- 567 1815 Jan. 25 [Letterpress copy letter] Portsmouth Yard [to] Navy Board/S Goodrich, [re Jencate's proposal for machine to clean filth

from harbours etc] 5p on 5 leaves

- 568 1815 Feb. 9 [Letter] Leeds [to] S Goodrich, Portsmouth Dock Yard/M Murray. [He declines Goodrich's offer re Bridlington Harbour, adding that Chapman is not suitable. Refers to Goodrich's new machine for stretching rope. Bears line drawing on verso] 3p on 1 leaf
- 569 1815 Feb. 11 Report of the Shipowners on S G[oodrich]'s Plan [re] Port of Bridlington/Thomas Ward, Thomas Lamplough, Benjn. Lamplough, W Elvidge] 3p on 2 leaves
- 570 1815 Feb. 18 [Letter] Sherbourne Lane, Lombard Street [to] S Goodrich/David Mathews, [applying for post of Engineer at Bridlington, enclosing printed 'Extract of the Report of the Directors of the East-Country Dock Company to the Proprietors, at first General Meeting after the Completion of the Lock' (present) for which he had full responsibility] 3p on 1 leaf + 1p
- 571 1815 Feb. 19 [Letterbook copy letter] Portsmouth Dock Yard [to] Sir Wm Strickland/S Goodrich, [recommending David Mathews for the post of Engineer at Bridlington Harbour] 4p on 4 leaves
- 572 1815 Feb. 19 [Letterbook copy letter] Portsmouth Dock Yard [to] D Mathews, [informing him that he had recommended him as Engineer at Bridlington Harbour] 3p on 3 leaves
- 573 1815 Feb. 23 [Draft letter] Portsmouth Dock Yard [to Navy Board]/S Goodrich, N D[iddams?], re manufacture of iron and copper bolt staves in Metal Mills] 2p on 1 leaf
- 574 1815 Feb. 28 [Letter] Boynton [to S Goodrich]/Wm Strickland, [acknowledging Goodrich's letter regarding Mathews (see /571)] 2p on 1 leaf
- 575 1815 Mar. 1 [Draft report] Portsmouth Yard [to Navy Board/S Goodrich p.p. Yard Officers, re improvements by John Brooking of Plymouth Dock Yard in making blocks] 5p on 2 leaves
- 576a 1815 Mar. 4 Chatham Yard. Plans, Elevations and Section of Stop Cocks ... Ink and wash drawings, 32 x 38.5cm Scale 1:8; 1:6
- 576b [1815 Mar. 4] Stop Cock for an eight inch cast iron Pipe. Original design by Simon Goodrich Ink and wash drawings, 16.5 x 19.5cm Scale 1":1'
- 576c [1815 ----- as above -----

- Mar. 4] Copy of S G original design Ink and wash drawings, 18.5 x 23.5cm Scale 1":1'
- 577 1815 Mar. [Copy report] Portsmo. Yd. [to Navy Board]/S Goodrich, N
7 D[iddams, re tinning copper sheets; no convenience at Yard for doing this] 2p on 1 leaf
- 578 1815 Mar. [Letter] Woolwich Yard [to] S Goodrich, Portsmouth
11 Yard/Wm Hookey, [re his success in bending large timbers for the *Hawke*. Bears ink sketch] 3p on 1 leaf
- 579 1815 Mar. [Letter] Chatham Yard [to] S Goodrich, Portsmouth Dock
15 Yard/John Kingston, [re laying water pipes at Chatham Yard. References to Mr Parkin, Mr Brunel. Bears line drawing and ink sketches] 3p on 1 leaf
- 580 1815 Mar. [Letter] Chatham Yard [to S Goodrich]/G Parkin, [re material
15 required to finish laying pipes at Yard. Reference to Mr Brunel] 1p
- 581 1815 Mar. Copy [letter] Portsmouth Dock Yard [to] Sir Wm Strickland,
27 Boynton, near Molton, Yorkshire/S Goodrich, [forwarding (and bearing) an account for the Commissioners of Bridlington Piers of his expenses re visit to and work on Bridlington Harbour between 1813 Nov and 1814 Sept] 2p on 1 leaf
- 582 1815 Apr. [Letterbook copy letter] Portsmouth Yard [to] Kingston/S
4 Goodrich, [re laying water pipes at Chatham Yard] 3p on 3 leaves
- 583 1815 Apr. [Letterbook copy letter] Portsmouth Yard [to] John
6 Kingston/S Goodrich, [re method of fixing forcing apparatus] 3p on 3 leaves
- 584 1815 Apr. [Draft letter] Portsmouth Yard [to] Navy Board/S Goodrich, N
6 D[iddams, re task work for rolling copper bolt staves at Yard's metal mills] 2p on 1 leaf
- 585 1815 Apr. [Copy letter] Portsmo.Yd. [to Navy] Board/[Officers] S
6 Goodrich, N D[iddams and ? Yard's metal mills are to manufacture copper bolts; no more demands on Grenfell] 3p on 1 leaf
- 586 1815 Apr. [Letter] Marton near Bridlington [to] S Goodrich, Ports. Dock
9 Yard/Ralph Creyke, [asking his opinion on Shipowners' report of his (Goodrich's) plan] 1p

- 587 1815 May 13 [Copy letter] Portsmo.Yd. [to Navy Board]/S Goodrich, [forwarding 'two Drawings and a Specification for a Forcing Pump for Chatham Yard'] 1p
- 588 1815 May 27 [Copy letter] Portsmouth Yard [to] Respective Officers, Portsmouth Yard, [giving his opinion 'of making trial ... of the Blocks proposed in models by Lt Shuldham'] 3p on 1 leaf
- 589 1815 May 30 [Letterbook copy letter] Portsmouth Yard [to] John Kingston/[S Goodrich, acknowledging plan showing course of cast iron water pipes etc at Chatham] 4p on 4 leaves
- 590 1815 Jun. 3 [Copy letter] Portsmo.Yd. [to] Navy Bd/S Goodrich, N D[iddams, re piece-work prices for mooting trenails by machine] 2p on 1 leaf
- 591 1815 Jun. 11 [Draft letter] Mile end Lodge near Portsmouth [to] Ralph Creyke/S Goodrich, [answering his letter of Apr 9 ([see /586](#))] 2p on 1 leaf
- 592 1815 Jun. 13 Copy [report] Mile End Lodge near Portsmouth [to] Bryan Taylor/S Goodrich, [on Shipowners' report of his (Goodrich's) plan for Bridlington Harbour] 12p on 3 leaves
- 593 1815 Jun. 21 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams and ?, on Brooking's improvements for blocks] 3p on 1 leaf
- 594 1815 Jul. Estimate and calculation for rates of Wages etc in putting the Cement Mill [at Sheerness] to work/S Goodrich 4p on 1 leaf
- 595 1815 Jul. 3 [Draft letter] Portsmouth Yard [to Navy Board]/S Goodrich, N D[iddams, asking for authority to erect copper boiler for boiling boats' timbers] 2p on 1 leaf
- 596 1815 Jul. 8 [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams and ?, on (Richard?) Scantlebury's method for relieving choking ships' pumps] 2p on 1 leaf
- 597 1815 Jul. 9 [Letter] Chatham Yard [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re laying pipes at Chatham; work at Sheerness] 2p on 1 leaf
- 598 1815 Jul. 13 [Draft] estimate of Coopering, allowing the Mill to manufacture at the rate of 1500 Bushel pr week/S Goodrich, [re] Manufacturing Roman Cement at Sheerness 2p on 1 leaf

- 599 1815 Jul. Estimate of the Expense of Manufacturing Roman Cement
14 by the Cement Mill in ... Dock Yard, Sheerness/S Goodrich 2p
on 1 leaf
- 600 1815 Jul. [Draft report] Sheerness Yard [to Navy Board?]/S Goodrich,
15 [on manufacture of Roman Cement at Sheerness Dock Yard]
4p on 1 leaf
- 601 1815 Jul. [Draft letter] Sheerness Dock Yard [to] Commissioner
15 Courtney Boyle/S Goodrich, [estimating cost of
manufacturing Roman cement at Sheerness Yard at 1s 4½d
per bushel] 1p
- 602 1815 Jul. [Letter] Leeds [to] S Goodrich, Portsmouth dock Yard/Mw.
17 Murray for Fenton, self & Wood, [suggesting that steam
boats 'might be used with great Advantage in his Majesty's
Navy if properly Introduced'] 3p on 2 leaves
- 603 1815 Aug. [Letter] Brompton [to] S Goodrich, Portsmouth Dock
1 Yard/John Kingston, [re labourers employed manufacturing
cement at Sheerness] 2p on 1 leaf
- 604 1815 Aug. [Letterpress copy letter] Portsmouth Yard [to] John
3 Kingston/S Goodrich, [replying to his letter of Aug 1 (/603)]
4p on 4 leaves
- 605 1815 Aug. [Draft letter] Portsmo.Yd. [to Navy] Board/S Goodrich, N
10 D[iddams, re dangerous state of boiler chimneys; suggest
re-building] 1p
- 606 1815 Aug. [Letter] Paradise row, Gravel Lane, Southwark [to] S
24 Goodrich, Portsmouth Dock Yard/Wm Dryden, [re cast and
wrought iron boiler with interior fire place erected for a 4H
steam engine at Lloyd & Ostells. Bears ink and wash
drawings] 3p on 1 leaf
- 607 1815 Aug. [Letter] Sherborn Lane, Lombard St [to] S Goodrich/ David
24 Mathews, [re Bridlington Harbour; his 'patent for
constructing Dock Gates & Aprons' (no. 3376 of 1810 Sept);
his 'Lock & Sea Gates for the Royal Arsenal, Woolwich'] 2p
on 1 leaf
- 608 1815 Aug. [Part letter (a continuation of /609) to] S Goodrich,
29 Portsmouth Dock Yard/John Kingston, [on various matters
concerning New Navy Well, Sheerness. Bears Goodrich's
draft reply of Sept 1] 3p on 1 leaf
- 609 1815 Aug. [Part letter (continued as /608)] Chatham Yd. [to S

- 29 Goodrich/John Kingston, re his idea 'for fixing an additional pump in the New Navy Well at Sheerness'. Bears line drawing with wash (at scale 1":1') of design for same] 2p on 1 leaf
- 610 1815 Sept. 3 [Letter] Brompton [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re fixing new pump at New Navy Well, Sheerness. Bears ink sketch and abstract of Goodrich's reply of Sept 9] 3p on 1 leaf
- 611 1815 Sept. 18 [Letter] Chatham Yd. [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re fixing additional pump at New Navy Well, Sheerness. Bears line drawing] 2p on 1 leaf
- 612 1815 Oct. 8 [Letter] Brompton [to] S Goodrich/John Kingston, [re fixing additional pump at New Navy Well, Sheerness. Bears abstract of Goodrich's reply of Oct 10] 2p on 1 leaf
- 613 1815 Oct. 20 [Draft report to Navy Board]/S Goodrich, N D[iddams?, re rebuilding steam boiler chimneys at wood mills. Bears note, 1834 Feb/S Goodrich, re the alteration of his design by Mr Holl, 'Surveyor of Buildings', with which the Board concurred. Goodrich had to comply but adds 'this acted as a damper upon my volunteering any think'] 4p on 1 leaf
- 614 - Bill [to] Navy Commissioners/William Whitmore & Son, [for repairing engine boilers at Portsmouth in 1815 Oct and supplying rolls in 1816 Jan-Apr] 1p
- 615 1815 Oct. 29 [Letter] Brompton [to] S Goodrich, Portsmouth Dock Yard, [re fixing pump at New Navy Well, Sheerness. Bears line drawing] 4p on 1 leaf
- 616 1815 Nov. 17 [Draft travel claim to] Committee of Accounts/S Goodrich, for travelling in July to Sheerness Yard to report on the Cement Mill and to Chatham Yard to inspect the Water Works] 1p
- 617 1815 Nov. 27 [Draft letter] Portsmdo.Yd. [to Navy] Board/S Goodrich, N D[iddams, re average earnings of men for rolling copper bolt staves] 1p
- 618 1815 Nov. 27 [Letter] Chatham Yd. [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re broken crank of force pump; pay of workmen. Bears ink sketch] 2p on 1 leaf
- 619 1815 Nov. 28 [Letter] Chatham Yd. [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re appointment of Mr Bacon as 'Master

over the saw Mills and Water Works in this Yard'. Bears abstract of Goodrich's reply of Dec 5 to this letter and to the letter of Nov 27 (/618)] 3p on 1 leaf

- 620 1815 Dec. [Letter] Bridlington [to S Goodrich]/Bryan Taylor, [forwarding
2 amount due to him for expenses incurred during his work on
Bridlington Harbour] 1p
- 621 1815 Dec. [Copy letters and adjoined accounts of further expenses]
5/1816 Portsmouth Dock Yard [to] Commissioners of Bridlington
Jun. Piers/S Goodrich, [re work done on Bridlington Harbour] 2p
on 1 leaf
- 622 1815 Dec. [Draft letter] Portsmouth Dock Yard [to R] Seppings, [Navy
8 Office]/S Goodrich, [seeking a replacement apprentice for
William Dix, 'a leading Man of the Smiths and Engine
Makers under the Master Millwright'; remanufacturing old
iron at metal mills] 4p on 1 leaf
- 623 1815 Dec. [Letter] Lambeth [to] S Goodrich, Portsmouth Yard/Henry
13 Maudslay, [re broken crank at Chatham Pump being
defective; his having nearly completed the Capstan Pump]
3p on 1 leaf
- 624 1815 Dec. [Letter] Chatham Yd. [to] S Goodrich, Portsmouth Dock
14 Yard/John Kingston, [re cement mills; men's pay; laying
pipes at Sheerness] 3p on 1 leaf
- 625 1815 Dec. [Letter] Navy Office [to] S Goodrich/R Seppings, [re]
15 remanufacture of Old Iron at the Metal Mills 2p on 1 leaf
- 626 1815 Dec. [Draft letter] Portsmo.Yd. [to Navy] Board/S Goodrich, N
18 D[iddams, re remanufacture of old iron into bar or bolt iron
at metal mills, Portsmouth] 2p on 1 leaf
- 627 1815 Dec. Copy [letter] Portsmo. Dock Yard [to] Mr White,
21 Manchester/S Goodrich, [re White's] Wheels with Cogs
placed at an angle across the rim 3p on 1 leaf
- 628 1815 Dec. Memorandum, Portsmouth Yard/[S Goodrich, re foundries,
23 millwright's shop etc at the yard. Bears note that the memo
was given to Commissioner Sir George Grey] 3p on 1 leaf
- 629 [1816?] [Parts of extinguishing engine. Pencil sketches, scale 1:8.
Watermarked 1816] 4p on 1 leaf
- 630 [1816?] Branch Pipe belonging to the Yard Extinguishg. Engines/[S
Goodrich. Watermarked 1816] Pencil drawing, 28 x 19.5cm

Scale full size

- 631 [1816?] [Draft] Estimate for Conveying a Motion from the Metal Mills Steam Engine to the Millwright's Shop. [Watermarked 1816] 4p on 1 leaf
- 632 [1816?] [2 estimates of probable saving per annum in peace and in war using Tank Vessel and Syphon for watering ships at Portsmouth instead of Lighters at Weovil]/S Goodrich. [Watermarked 1816] 7p on 2 leaves
- 633 1816 Feb./1824 ca. Sept. [Ink sketches of Portsmouth dredging engine/S Goodrich, with 'Particulars (ink sketches) respecting the Digging Engine the 2nd taken when in Dock here by Geo Lewis the Millwright about Sept 1824'] 13 sheets + 2 sheets
- 634 [1816?] [Letterpress copy] Estimate for the Piers at Burlington 7p on 7 leaves
- 635 1816 Jan. 24 [Letter to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re dredger. Bears comments by Goodrich] 2p on 1 leaf
- 636 1816 Feb. 8 [Letter] King's Bench Walk, Temple [to] S Goodrich, Portsmouth Dock Yard/Cha. Moore, [inviting assistance in contested patent for lacemaking machinery. Bears draft reply, Feb 9, declining invitation/S Goodrich] 3p on 1 leaf
- 637 1816 Feb. 22 [Letter] Brompton [to] S Goodrich/John Kingston, [reporting breakage of the '2nd New Crane of Mr Maudslay' and asking for more cocks and pipes for Chatham Yard] 2p on 1 leaf
- 638 1816 Feb. 22 [Letter] Nelson Square, Blackfriars Road [to] S Goodrich/John Lloyd, [re length of jib for cranes at Chatham; mentions Maudslay's; mentions work on lock gates for Mr Mathews at Woolwich Arsenal] 2p on 1 leaf
- 639 1816 Mar. 7 [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams and ?, re 'the model of a Timber Carriage proposed by Mr Goddard of Portsea'] 3p on 2 leaves
- 640 1816 Mar. 23 [Letter] Sherbourn Lane, London [to] S Goodrich/David Mathews. [Commissioners of Bridlington Piers have presented their petition to the House of Commons] 2p on 1 leaf
- 641 1816 Mar. 26 [Copy report] Portsmouth Yard [to] Commissioner Sir Geo.Grey/[Yard Officers, being a reply to complaints of tradesmen against the Dock Mill Society for making bread]

5p on 2 leaves

- 642 1816 Apr. [Draft letter] Portsmouth Dock Yard [to] Whitmore & Son/S
7 Goodrich, [re supply of rolls for rolling iron bars. Bears
extract of letter, Mar 30, to Whitmore & Son/S Goodrich, re
same which includes line drawing of 'the dimensions of the
Plain Roller for Copper'] 2p on 1 leaf
- 643 1816 Apr. [Letter] Marton [to] S Goodrich, Dk Yd Portsth/Ralph Creyke.
13 [He and Sir William Strickland hope Goodrich will attend the
progress of the Bill re Bridlington Piers in London. Bears
précis of Goodrich's reply: he hopes to attend] 1p
- 644 1816 Apr. [Letter] Chatham Yd [to] S Goodrich, Portsmouth Dock
19 Yard/John Kingston, [re] Expense of manufacturing Roman
Cement. [Bears note by his brother, William Kingston] 3p on
1 leaf
- 645 1816 Apr. [Letter] Rawcliffe House [to] S Goodrich, Ports.Yd./Ralph
29 Creyke, [asking Goodrich and Mr Mathews to meet him and
Sir William Strickland at Stevens's Coffee House, Bond
Street the following Monday] 1p
- 646 1816 May Memorandum, Portsmouth Yard [to Navy] Commissioners/S
3 Goodrich, [re precautions in case of fire in the Yard] 2p on 1
leaf
- 646a 1816 May Estimate for a Portable Crab ... with the addition of a Wrt
3 Iron Brake upon the Cogg Wheel/[S Goodrich] 1p
- 647 1816 May [Draft letter to] Mr Seppings/S Goodrich, [re] Experiments on
4 the holding of Copper Bolts 1 inch diamr. driven 1 ft into Oak
bored with a 7/8 Auger 6p on 3 leaves
- 648 1816 May [Draft report] Portsmo.Yd. [to Navy] Board/[Officers] S
4 Goodrich, N D[iddams, re manufacture of portable crab at
Portsmouth for Deptford Yard] 2p on 1 leaf
- 649 1816 May [Draft letter] Mile end Lodge, near Portsmouth [to] Ralph
20 Creyke/S Goodrich, re duty on coals for benefit of Bridlington
Harbour] 7p on 2 leaves
- 650 1816 Jun. [Letter] Trafalgar Place, Plymouth Dock [to] S Goodrich,
8 Portsmouth Dock Yard/Jas. Mitchell, [re] mode of opening
the Stop Cock with a quadrant pinion, etc 3p on 1 leaf
- 651 1816 Jun. Copy [report] At a further trial of Chain and Hempen Cables
17 at the Manufactory of Messrs Brunton Middleton & Co.
[Present: Navy Commissioner] Sir Hy. Peake, J Tucker, P

Fraser 3p on 1 leaf

- 652 1816 Jun. 23 [Letter] Brompton [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re laying suction pipe of force pump through wharf. Bears ink sketch] 3p on 1 leaf
- 653 1816 Jul. 12 [Draft report] Portsmo. Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams et al, re system of issuing stores manufactured in the Yard] 3p on 1 leaf
- 654 1816 Aug. 8-Nov. 25 Data and Memoranda in making design for Pattern extinguishing Engines/[S Goodrich. Reference to Noble, Truscott, Bramah. Bear rough sketches, ink and wash drawings and final note of 1818 Jul 7. See /659] 20p on 7 leaves
- 655 1816 Aug. 1 [Draft report] Portsmo. Yard [to Navy] Board/[Officers] S Goodrich, N D[iddams, J P?, re trial of Lt Shuldham's blocks] 5p on 2 leaves
- 656 1816 Aug. 20 [Letter] Chatham Yard [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re Mitchell's method of opening and closing stop cocks at Chatham. Bears line drawing with wash to scale 1":1'] 3p on 1 leaf
- 657 1816 Aug. 23 [Bolted joints for pipes of extinguishing engine]/S Goodrich Line drawing with wash, 23.5 x 37cm Scale full size
- 658 1816 Aug. 23 [Copy letter] Portsmo. Yard [to Navy Board]/S Goodrich, [re Mitchell's method of opening and closing stop cocks at Chatham. Reference to J Kingston's method] 2p on 1 leaf
- 659 1816 Sept. 7-8 [Copy report/S Goodrich, re experiments with Portsmouth Yard, Woolwich Yard and Bramah's Extinguishing Engines. These are probably 'missing' pages from /654] 4p on 1 leaf
- 660 1816 Sept. 17 Experiments with Street's Bellows against the Common Bellows/[S Goodrich] 3p on 1 leaf
- 661 1816 Sept. 18 Extinguishing Engine 1 sheet of line drawings and ink sketches, 37 x 47.5cm
- 662 1816 Sept. 20 [Draft report] Portsmouth Yard [to Navy] Board/S Goodrich, [re] 'Hints for the improvement of Steam Vessels' by Richd Tucker of Alphington near Exeter 2p on 1 leaf
- 663 1816 Sept. 27 [Draft letter to] J Mitchell/S Goodrich, [re] Plymouth Capstan Forcing Pump. With letter, Oct 12, Plymouth Dock Yard, to S

- Goodrich, Portsmouth Dock Yard/James Mitchell, Stating experiments made with the Capstan Forcing Pump, and bearing note to Goodrich/T Gaston?, re poor employment conditions for labourers and farmers in Cornwall] 2p on 1 leaf + 7p on 2 leaves
- 664 1816 Sept. 27 [Draft report] Portsmouth Yard [to Navy] Board/S Goodrich, [re] suggestions by Mr Wm Cole for the improvements of the Winding or Timber Jack 6p on 2 leaves
- 665 1816 Sept. 30 [Notes], Ports. Yard/[S Goodrich, re] Experiments made between the Bellows now in use at the Smith's Shop and Mr Street's Bellows lately put up there 2p on 1 leaf
- 666 1816 Oct. [Copy report] Portsmo. Yard [to Yard Officers/?, re] Sebastien Chaulet's proposition on the use of zinc for sheathing. [With letter, Oct 1, Plough Court, Lombard Street, London to S Goodrich, Portsmouth Dock Yard/John T Barry, re same. Bears note by Goodrich: he forwarded this letter with his report] 4p on 1 leaf + 4p on 2 leaves
- 667 1816 Oct. 2 [Draft report, Portsmouth Yard, to Navy] Board/[Officers] S Goodrich, N D[iddams, re John Street's Blowing Machine] 2p on 1 leaf
- 668 1816 Oct. 4 [Draft report] Portsmouth Yard [to Yard Officers]/S Goodrich, [re sheathing ships with zinc in lieu of copper. Refers to Sebastien Chaulet's proposal; Messrs Sylvester and Dobson have a patent for making it into Sheets and Pipes' (this is probably Charles Sylvester's patent 2849 of 1805 May); 'Messrs Philip George Junr & Co of Bristol are manufacturers of the Patent Malleable Zinc'. Bears note, 1834 Jan/S Goodrich, re reports he made 'through and to' Dock Yard Officers] 8p on 2 leaves
- 669 1816 Oct. 4 [Letter] Plough Court, Lombard Street, London [to] S Goodrich, Portsmouth Dock Yard/John T Barry, [re result of using zinc sheathing on a Mediterranean trading vessel. Refers to 'Harvey, the Patentee for Sheet Zinc', and to 'Philip George Junr, Zinc Manufacturer, Bristol'] 4p on 1 leaf
- 670 1816 Oct. 7 [Draft letter] Portsmouth Yard [to] Yard Officers/S Goodrich, [re sheathing ships with zinc in lieu of copper. Refers to Mr Harvey; Messrs Philip George Junr and Co, Bristol; Monsr. Chaulet] 4p on 1 leaf
- 671 1816 Oct. 12 [Section of road wheel]/S Goodrich Line drawing, 37 x 23.5cm Scale 1:4

- 672 1816 Oct. [Letter] Richmond Place, Walworth [to] S Goodrich, Ports.
27 Dock Yard/David Mathews, [re repairs to Bridlington
Harbour; arbitration re East Country Dock] 2p on 1 leaf
- 673 1816 Oct. [Calculations/S Goodrich, re] Proposed Extinguishing
31-Nov. Engine. With two paper templates of handles of engine] 2p
20 on 1 leaf
- 674 1816 Nov. Memo, Portsmo.Yd./S Goodrich, N D[iddams, being orders in
14 case of fire in the Yard. Memo was given to the
Commissioners] 1p
- 675 1816 Nov. Copy [table], Navy Office/[S Goodrich, being] An Account of
19 the size of Iron Cables that have been considered as
substitutes for Hempen Cables and the strain that the latter
are capable of bearing ... Table bears names of Capt Brown,
Messrs Bruntons] 2p on 1 leaf
- 676 1816 Nov. Air Vessel for the Delivering Pipe of Large Fire Extinguishing
20 Engine; Air Vessel for the Suction Pipe Annotated line
drawings, 23.5 x 37.5cm Scale 3":1'
- 677 1816 Nov. [2 letters] Bridlington Quay [to] S Goodrich, Portsmouth
21 Dock Yard/David Mathews, [requesting his opinion of
proposed alteration to jetty at Bridlington Harbour. Bears
extracts from Mathews' report, and from letter of Nov 5/B
Taylor] 3p on 1 leaf
- 678 1816 Nov. [Copy report] Portsmo.Yd. [to Navy] Board/[Officers] S
21 Goodrich, N D[iddams], J H, S J, T R, [re plan of Mr Jno.
Peake for raising Ships in Dock by means of screws' as
against 'the use of Blocks' or 'the method of suspending a
Ship as now generally used' 4p on 1 leaf
- 679 1816 Nov. [Draft letter] Mile end Lodge near Portsmouth [to David
28 Mathews]/S Goodrich, [re proposed alteration to jetty at
Bridlington Harbour] 2p on 1 leaf
- 680 1816 Dec, [Notes re] Blowing Machine/[S Goodrich, seen at Mr
Brunton's, Commercial Road. Machine of [Two Cylinders
each 4 ft drain, each 2 ft stroke. Bears ink sketches and note
'I reported on this Machine at the Navy Office on 10 Dec'] 2p
on 1 leaf
- 681 1816 Dec, [Draft letter] Navy Office [to Navy Board]/S Goodrich, [re
10 Blowing Machine examined at Messrs Brunton Middleton &
Co's Manufactory. With pencil sketches and line drawing of
same] 2p on 1 leaf + 1 sheet

- 682 1816 Dec, 21 [Draft letter] Portsmouth Yard [to] R Seppings, Surveyor of the Navy/S Goodrich, [re and with copy] Account of the Weight, and an Estimate of the Value of Brass Shivers compared with Lignum Vitae Shivers, Brass Coaked of the same size 4p on 1 leaf + 1p
- 682a 1816 Apr.-1827 Aug. [Memoranda re experiments on the well at Portsmouth Dock Yard, 1816, 1818 and 1823; notes re 'large boring made between 21 Jul 1824 & 7 Feb 1825 to increase and improve the supply of water' in the well 'sunk at the recommendation of Gen'l Bentham when Inspector General of Naval Works between 5 Sept 1798 & 28 Jan 1801'/S Goodrich (et al?). Papers include line drawings, ink sketches, ink and wash drawings and numerous calculations, and 13 pages of notes being 'Description prepared for Lecture on this subject which I delivered to the Society'/S Goodrich; reference pages to drawings made by George Lewis for Mr Franklin Howard. See GOOD C249a] ca.57p
- 683 [1817?] [Bearers of large extinguishing engine. Watermarked 1817] Line drawing with wash, 20 x 24cm Scale 1:8
- 684 1817 An Account of the Weight of the Cast Iron, Wrought Iron and Brass New Crane/[S Goodrich] 4p on 1 leaf
- 684a 1817 Jan. [Pencil] Sketch of Mr Rangely Rotative Pump; [Ink] Sketch of Knipe's Rotative Pump. [John Rangeley had two relevant patents, 3681 and 4021 in 1813 Apr and 1816 May respectively; Francis Noble Knipe had two relevant patents, 1817 and 1818 in 1791 Jul] 2p on 1 leaf
- 685 1817 Jan. 7 [Copy report] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams], T G, R L M [et al, re Street's accounts for Blowing Machine] 2p on 1 leaf
- 686 1817 Jan. 24 [Draft report] Portsmo.Yd. [to Navy] Board/[Officers] S **Goodrich, N D[iddams, re proposal of Thomas Hannaford for] an improvement in the Cocks used for supplying the wash Deck Pump fitted to the Cistern in the well for cleaning ships** 6p on 2 leaves
- 687 1817 Feb. 6 [Letter] Chatham [to] S Goodrich/John Kingston, [reporting completion of water pipes and capstan force pump] 2p on 1 leaf
- 688 1817 Feb. 11 [Copy report] Portsmo.Yd. [to Navy] Board/[Officers] S Goodrich, N D[iddams], R L M [et al, re Lester's apparatus

- for rotative motion for capstans, windlasses, cranes and pumps, and for propelling boats with vertical oars] 3p on 1 leaf
- 689 1817 Feb. [Copy letter to] Mr Vernon/S Goodrich, [re cost of
21 manufacturing old iron into new Bears account re same for period 4 to 23 Nov 1816] 2p on 1 leaf
- 690 1817 Feb. [Draft letter] Portsmouth Yard [to] Sir Henry Peake, Surveyor
25 of the Navy/S Goodrich, [re position within the Establishment of John Kingston, William Kingston and George Hackney] 4p on 2 leaves
- 691 1817 Mar. Brunton & Brown's Proving Machine Examined in March.
[Bears ink sketch on verso] Annotated line drawing, 31.5 x 39cm
- 692 1817 Mar. [Draft letter] P[ortsmouth] Yd. [to Navy Board]/N D[iddams
1 for Officers, re position of John Kingston as millwright at Portsmouth] 2p on 1 leaf
- 693 1817 Mar. [Draft letter] Portsmouth Yard [to Navy] Bd./S Goodrich, N
1 D[iddams, re being unable to manufacture milled lead at Portsmouth Yard] 3p on 1 leaf
- 694 1817 Mar. [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S
1 Goodrich, N D[iddams et al, re utility of the blocks of Lt William Rodger] 3p on 1 leaf
- 695 1817 Mar. [Tables re calculations of Capt Brown and of Messrs
3 Bruntons of weights for proving iron cables] 3p on 2 leaves
- 696 1817 Mar. Valve and Lever for measuring the Strain in Messrs
6 Brunton's Proving Machine. [Bears calculations on verso] Ink sketch, 20.5 x 33.5cm
- 697 1817 Mar. [Notes re] Experiments made with Lt Rodger's Hose
13 Syphons/[S Goodrich (and William Heard?). Bear ink sketches] 4p on 1 leaf
- 698 1819 May [2 bills to] Navy Board/Rannie & White, for Machinery fixed
on Board HMS Active [in March and May 1819] 4p on 2 leaves
- 699 1817 Mar. [Letter] Ports. Dock Yard [to] S Goodrich, Borough,
18 London/Wm Heard, [re Experiments with Lt Rodger's Hose Syphons. Reference to Mr Holl's 'dreadful accident'] 3p on 1 leaf
- 700 1817 Mar. No.1 Table shewing Experiments made with Captn Brown's

- 25 Chain Cable Proving Machine in breaking twelve halves of the same Bolts tried in Messrs Brunton's Machine as shewn in Table No.2/[S Goodrich] London 1p
- 701 1817 Mar. 25 No.2 Table shewing Experiments made with Messrs Brunton Middleton's & Co's Chain Cable Proving Machine in breaking twelve halves of the same Bolts tried in Captn Brown's Machine as shewn in Table No.1/S Goodrich, London 1p
- 702 1817 Mar. 25 No.3 Table shewing the size proposed of Iron Cables for Hempen with the Proofs they should undergo in Captn Brown's and Messrs Brunton Middleton and Co's respective Proving Machines to equalize the strain in both: also shewing for comparison the Strength of some Hempen and Iron Cables from experiments made before Navy Board in May and Jun 1816/S Goodrich, London 1p
- 703 1817 Mar. 29 [Draft report] London [to Navy Board]/S Goodrich, [re] cost of manufactruring Iron Chain Cables at the respective Manufactories of Captn Brown and of Messrs Brunton Middleton & Co 4p on 1 leaf
- 704 1817 Apr. 7 No.4 Table of Proportions of Iron Cables to Hempen with the Proofs they should undergo .../S Goodrich, Ports.Yd. 1p
- 705 1817 Apr. 9 [Draft letter] Portsmo. Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams and ?, asking to superannuate John Ollis, the foreman of the Metal Mills] 3p on 1 leaf
- 706 1817 Apr. 12 Experiments made with Lt Rogers Syphons on Board the *Wellesley* of 74 Guns, Commiss[ione]r & Officers present/[S Goodrich? Bears ink sketch, and pencil sketch on verso] 2p on 1 leaf
- 707 1817 Apr. 15 Experiments with Lt Rodgers Syphons over the North Basin Dock Gates/[S Goodrich? Bears pencil sketch on verso] 2p on 1 leaf
- 708 1817 Apr. 16 Experiments made with Lt Rodgers Syphons on Board the *Wellesley* of 74 Guns/[S Goodrich. Bears ink sketch] 2p on 1 leaf
- 709 1817 Apr. 16 ----- as above ----- 1p
- 710 1817 Apr. 21 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams and ?, on experiments with siphons conducted by Lt Rodger] 11p on 4 leaves

- 711 1817 May 3 [Copy report] Plymouth Yard [to] Navy Board/[Officers] E Churchill, J Atkins, J Moore, [re J Williams's copper sheets on the *Phoebe*. Bears copy of directive, May 23, of R Seppings] 2p on 1 leaf
- 712 1817 May 6 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams, re Dr Pellet's suggestion of galvanising iron bolts with zinc] 2p on 1 leaf
- 713 1817 May 13 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams and ?, re Commr. Woodriff's 'suggestion of trying Iron shelled purchase Blocks'] 2p on 1 leaf
- 714 1817 May 16 [Draft report] Portsmo. Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams], J C, G T [et al, on whether Stebbing's services should be retained to make compasses and binnacles. George Stebbing took out a patent (3363) re compasses in 1810 Jul] 3p on 1 leaf
- 715 1817 Jun. 2 [Draft report] Portsmouth Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams, re waste per hundredweight upon burning copper sheathing] 1p
- 716 1817 Jun. 7 [Draft letter] Portsmo. Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams], T G [et al, re revision of prices for firehearths now both iron and labour are so much cheaper] 3p on 1 leaf
- 717 1817 Jun. 11 [Draft letter] Portsmouth Yard [to Navy] Board/[Officers] S Goodrich, N D[iddams], T G [et al, re crane delivered to the Yard by Messrs Lloyd & Ostell; suggesting a reduction in price] 2p on 1 leaf
- 718 1817 Jul. 4 [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams, being an account of the expense of Lt Rodger's siphon] 2p on 1 leaf
- 718a 1817 Jul. 11 [Blocks and tackle: result of one ton strain between ship and bollard]/S Goodrich Line drawing, 37.5 x 23.5cm
- 719 1817 Jul. 19 [Letter] Woolwich Yard [to] S Goodrich/John Kingston. [He is proceeding to Sheerness to fix pump in New Navy Well. Bears Goodrich's draft reply of Aug 4] 4p on 1 leaf
- 720 1817 Aug. 1 [Letter] Plymouth Dock Yard [to] S Goodrich, Portsmouth Dock Yard/J Mitchell [re] Damage done to the breakwater, and a contrivance of Mr Perrin for discharging mud from a

vessel 4p on 1 leaf

- 721 1817 Aug. 5 [Printed prospectus and schedule]: Portsmouth and Arundel Canal 3p on 1 leaf
- 722 1817 Aug. 7 [Draft letter] Portsmouth Dock Yard [to Officers, Sheerness Yard]/S Goodrich [re John Kingston's proceeding there to fix pump at New Navy Well] 3p on 1 leaf
- 723 1817 Aug. 9 [Letter] Bridlington Quay [to] S Goodrich, Mile End Cottage near Portsmouth/David Mathews, [suggesting an alternative to end of proposed pier at Bridlington Harbour. With part of lithographed plan of the Harbour, 1814 Sept 29/S Goodrich, indicating the alteration proposed] 3p on 1 leaf + 1p
- 724 1817 Aug. 19 [Draft letter] Mile end Lodge, Portsmouth [to] David Mathews/S Goodrich, [giving his opinion on the proposed alteration to pier] 2p on 1 leaf
- 725 1817 Aug. 12 [Copy letter] Portsmo.Yd. [to] John Kingston/S Goodrich, [re fixing of the pump at the New Navy Well, Sheerness] 2p on 1 leaf
- 725a 1817 Aug. 14 Explanation for fixing an Additional Pump at the New Navy Well at Sheerness, with references to the accompanying Design/S Goodrich, Portsmouth Yard. [Bears line drawing with wash to ¼":1' scale. With additional drawings and pencil sketches] 3p on 1 leaf + 4p on 3 leaves
- 726 1817 Aug. 14 [Letter] Woolwich Yard [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [being reply to Goodrich's letter of Aug 12 (/725) on fixing pump at New Navy Well, Sheerness] 3p on 1 leaf
- 727 1817 Aug. 23 [Letter] Woolwich Yard [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re Navy Board's order for him to return to Portsmouth. Bears Goodrich's draft reply] 4p on 1 leaf
- 728 1817 Aug. 25 [Draft report] Portsmo. Yard [to Navy] Board/[Officers] S Goodrich, N D[iddams], T G, [re violent quarrel between two workmen, Robert Groves and John Johnson] 2p on 1 leaf
- 729 1817 Sept. 13 [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams], J P, [re Lt W T Jebb's 'six fold Purchase for heaving up Ships'] 4p on 1 leaf
- 730 1817 Sept. 26 [Draft report] Portsmo. Yard [to Navy] Bd./S Goodrich, N D[iddams], recommending copper staples and nails instead

- of iron, for lower boxes of common hand pumps for ships]
1p
- 731 1817 Sept. 29 [Letter] Sheerness Yd. [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re pumps at New Navy Well, Sheerness] 3p on 1 leaf
- 732 1817 Oct. 6 [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams and ?, re Capt White's funnel top for ships] 4p on 1 leaf
- 733 1817 Oct. 14 [Letter] Chatham Yd. [to] S Goodrich, Portsmouth Dock Yard/John Kingston, [re his position and pay in Chatham Dock Yard] 3p on 1 leaf
- 734 1817 Oct. 16 [Draft] Memorandum, Portsmouth Dock Yard [to] Committee of Navy Board at Portsmouth Yard/S Goodrich, [being an answer to questions from Comptroller of the Navy, Sir J Byam (Mostin?) re copper] 4p on 2 leaves
- 735 1817 Oct. 16 [Draft report] Portsmouth Yard [to] Committee of Navy Board at Portsmouth Goodrich, [being 'Observations upon the Copper (on) the *Inconstant*'] 4p on 1 leaf
- 736 1817 Oct. 16 [Draft report] Portsmouth Yard [to] Committee of Navy Board/[Officers] S Goodrich, N D[iddams, commenting adversely on proposal to lay railways in the Yard] 3p on 1 leaf
- 737 1817 Oct. 18 [Draft letter] Portsmo.Yd. [to] Committee of [Navy] Bd./S Goodrich, [re sale of old mixed metal of inferior quality] 3p on 1 leaf
- 738 1817 Oct. 18 [Draft report] Portsmouth Yard [to] Committee of N[avy] Board/[Officers] S Goodrich, N D[iddams and J P?, re model of Messrs Thomas Heather and John Penny of improved apparatus for working chain pumps on ships] 2p on 1 leaf
- 739 1817 Oct. 20 Copy [report] Limehouse [to] Navy Committee/Huddart & Co, [re quantity of cables made by their machinery. Bears memo by Goodrich on verso on his report to the Committee of Oct 23] 2p on 1 leaf
- 740 1817 Oct. 21 [Draft report] Portsmouth Yard [to] Committee [of Navy] Bd./S Goodrich, [re 'quantity of Iron contained in the rust of two Tanks which have been the longest on board the Ships in Ordinary' (i.e. the *Cressy*)] 4p on 2 leaves
- 741 1817 Oct. 22 Copy Account [to] Navy Board/A Keddell [and] P Martin, of the Number of Men etc necessary to Spin and prepare Yarns

to furnish 3500 Tons of Cables and Cordage in one Year, supposing the same to be laid by a Steam Machine 1p

- 742 1817 Oct. Estimate of Expense for covering 100 feet with Copper
22 Sheathing 1p
- 743 1817 Oct. [Draft report] P[ortsmouth] Yd. [to] Committee of Navy
23 Board, Portsmouth Yard/S Goodrich, [applying engines and
machin- ery to roperies at Woolwich and Plymouth] 6p on 3
leaves
- 744 1817 Oct. Extracts and Memoranda made on the occasion of a Report
23 to the Committee of Navy Board/[S Goodrich, re cost of
manufacturing cordage at Chatham Yard] 1p
- 745 1817 Oct. [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S
25 Goodrich, N D[iddams, re cost of copper versus slate for
'forming permanent Coverings over the Slips & Docks in the
Yard'] 2p on 1 leaf
- 746 1817 Nov. Axle Tree for Fore Wheels of proposed Large Extinguishing
Engine Line drawing with wash, 23.5 x 37cm Scale ¼":1"
- 747 1817 Nov. [Draft report] Portsmo.Yd. [to] Committee of [Navy]
4 Bd./[Officers] S Goodrich, N D[iddams, re reduction of
establishment and introducing tasks for millwrights and
engine makers. Includes interesting list of 'work in hand']
11p on 5 leaves
- 748 1817 Nov. [Memorandum] Sheerness/[Lt] Wm Rodger, [re trial]
7 alongside of HMS *Northumberland* with Tank Vessel for the
purpose of trying the Syphon for watering Ships 1p
- 748a 1817 Oct. [Specification for a tapered cock for a barrel/S Goodrich.
27 Bears ink sketch] 2p on 1 leaf
- 749 1817 Nov. [Draft report] Portsmouth Yard [to Navy Board]/S Goodrich,
8 [having received from the Board a copy of a letter from
Arthur French, agent to the patentee (Mr Bennet) of the
'Convolving Axletree with an Iron Nave'] 4p on 2 leaves
- 750 1817 Nov. [Draft report] Portsmouth Yard [to] Yard Officers/S Goodrich,
11 [re Lt Jebb's machine for 'careening Ships and heaving them
upon Building Slips'] 5p on 2 leaves
- 751 1817 Nov. Copy Prices of Iron Cables and fittings Manufactured by Capt
13 Samuel Brown RN/Sam'l Brown, Mark Lane 1p

- 752 1817 Nov. [Letter] Metal Mills [to] Officers, Portsmouth Yard/H Vernon,
28 [re quality of copper after second smelting at the mills. Bears table of 'Copper received from the *Rivoli*, Jany. 1816']
3p on 1 leaf
- 753 1817 Nov. [Draft letter] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
29 Goodrich, N D[iddams, re renewal of cistern for new deep
well at the Yard] 2p on 1 leaf
- 753a 1817 [Rope whipping or napping machine] Pencil sketches; bear
Oct./Dec. notes 'Suggested this to Captn Shaw 25 & 27 Oct, [and] Dec'
3p on 3 leaves
- 754 1817 Dec. [Copy letter] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich,
1 N D[iddams], J P, [re boat to carry Globe extinguishing
engine in harbours] 5p on 2 leaves
- 755 1817 Dec. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S
1 Goodrich, N D[iddams], J P, T G, J A, R L M, [re quality of
copper sheathing of H M ships] 8p on 3 leaves
- 756 1817 Dec. Copy [report] Navy Office [to Navy Board]/S Goodrich, on Mr
5 Mitchell's Pump 2p on 1 leaf
- 757 1817 Dec. [Letter] Navy Office [to] S Goodrich/J Tucker, P Fraser [and
5 ?, asking him to visit Capt Brown's Iron Works at Merthyr
Tydfil and other iron and copper works in the area] 2p on 1
leaf
- 758 1817 Dec. [Draft report] Navy Office [to Navy Board]/S Goodrich, [re]
9 the specimens of the Brass Hose Joint and Leather Hose
[referred to in letters from] James Black 2p on 1 leaf
- 759 1817 Dec. [15 letters] Hafod Copper Works [to] S Goodrich, Portsmouth
18-1824 Dock Yard/Roger Morgan, [re copper. References to his
Jun. 10 brother, a refiner, seeking employment; his friend, Mr
Pengelly, visiting Portsmouth mills; ores from Cornish
mines. Mentions Messrs Vivian & Sons; Williams & Grenfell;
Mr Mushett; Shears & Co; possible government copper
works in S Wales (9 Apr 1823); Mines Royal Co (3 Sept 1823);
Sir R Seppings visiting Mr Crawshay (13/23 Nov 1823); Sir H
Davy (10 Jun 1824). One or two letters bear notes by
Goodrich] 27p on 15 leaves
- 760 1817 Dec. [Draft] Account [to] Mr Morgan of Mr Vivian's Works at
18 Swansea/S Goodrich, of the Metal Mills [at Portsmouth Yard]
3p on 1 leaf
- 761 1817 Dec. [Draft letter] Ports. Yard [to Navy Board/Officers] N Diddams

- 20 [and] Wm H[eard? They will send drawings, signed by Goodrich before his trip to S Wales, of new cistern for new deep well at the Yard] 2p on 1 leaf]
- 762 1817 Dec. [Draft letter] London [to Navy Board]/S Goodrich, [re his visit to S Wales to inspect machinery for making chain cables, and with particular reference to Messrs Brown & Co of Newbridge. Mentions Messrs Foreman and Thompson Co Iron Works, Merthyr Tydfil; Messrs Brown & Co, Mill Wall] 26 12p on 6 leaves
- 763 1818 Jan. [Letter] Navy Office [to] S Goodrich/Navy Comr. Percy 7 Fraser, [requesting information re pure iron after Goodrich's visit to S Wales] 2p on 1 leaf
- 764 1818 Jan. [Draft report] Portsmouth Yard [to] Comr. Percy Fraser, 12 Navy Board/S Goodrich, [being reply re manufacture of pure iron] 8p on 4 leaves
- 765 1818 Jan. [Ms. extract] from the Globe Newspaper: Most valuable 15 discovery in Metallurgy in the Anglesey Mines. Copper.] 2p on 1 leaf
- 766 1818 Jan. [Draft letter] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich, 15 N D[iddams, giving opinion that it is desirable to have drawings for duplicate set of block machinery for emergency] 2p on 1 leaf
- 767 1818 Jan. [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S 20 Goodrich, N D[iddams et al, re centre bit auger of John] Peake, assistant to the Master Shipwrt of Sheerness Yd. 3p on 1 leaf
- 767a 1818 Jan. [Notes re] Mr Peake's Centre Bit as made to open from a 2½ 20 to a 5 inch bore/S Goodrich. [Bears ink sketch] 1p
- 767b 1818 Jan. [Notes:] Observations on reading Barlow on the Strength of 25 Timber etc. [i.e. 'An essay on the strength and stress of timber ...'/Peter Barlow, 1817] 1p
- 768 1818 Feb. [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S 9 Goodrich, N D[iddams &] T A, [re] Papers & Plans from Mr Edwards relative to the rowing of Ships of War of all Classes in Calms 2p on 1 leaf
- 769 1818 Mar. [Draft report] Portsmo.Yd. [to] Commr. Sir George 10 Grey/[Officers] S Goodrich, N D[iddams &] J P, [re effect of gale on the 'neck of Land extending from Blockhouse Fort

towards Haslar Hospital'] 4p on 1 leaf

- 770 1818 Mar. [Draft letter] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
16 Goodrich, N D[iddams, forwarding drawing showing
alterations 'for conveying a motion from the Metal Mill
Steam Engine to the Millwt's Shop [and] for driving lathes ...'
etc] 4p on 1 leaf
- 771 1818 Mar. [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
18 Goodrich, N D[iddams &] T A, [re model of pump and
method of working it on American ship *Minerva*] 2p on 1 leaf
- 772 1818 Mar. Calculations respecting the proposed New Slips [at
18-27 Portsmouth Yard/S Goodrich] 22p on 6 leaves
- 773 1818 Apr. [Draft letter, Portsmouth] Yd. [to Navy Board/Officers] S
Goodrich, N D[iddams, re model of American pump] 4p on 1
leaf
- 774 1818 Apr. [Draft letter to Navy Board/Officers] S Goodrich, N D[iddams,
8 re new cocks for wash deck pumps. Refers to Mr
Hannaford, plumber, of Plymouth. Bears ink sketch] 4p on 2
leaves
- 775 1818 Apr. [Letter] Society of Arts [to] S Goodrich, Portsmouth
8 Dock/Arthur Aikin, Sec[retary], [re Capt Burton's 'plan for
propelling ships by means of paddle wheels worked by the
Capstans' being claimed by Mr E Edwards. Bears Goodrich's
reply of Apr 10] 3p on 1 leaf
- 776 1818 Apr. [Letter] Sunderland [to] S Goodrich/John Grimshaw, [re
10 whether he (Grimshaw) did or did not straighten Wearmouth
(Sunderland) Bridge] 12p on 3 leaves
- 777 1818 Apr. [Letter] Lambeth [to] S Goodrich, Portsmouth/Joshua Field,
22 [asking about boiler fireplaces for burning smoke and
mentioning steamer with paddle wheel amidships (i.e.
London Engineer - see ARCH: MAUDRAW). Bears rough
sketches] 3p on 1 leaf
- 778 1818 Apr. [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S
25 Goodrich, N D[iddams], J P, S J, J H, [re plan of William
Parsons, 'one of the Students of Naval Architecture', for
heaving up ships upon slips] 8p on 2 leaves
- 779 1818 Apr. [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
25 Goodrich, N D[iddams, re] trial of an apparatus for forming
Iron Hoops for Masts, proposed by Mr Wm Kingston, Master
Millwt [at the Yard] 4p on 1 leaf

- 780 1818 Apr. 30 [Draft letter] Mile End Lodge, near Portsmouth [to Joshua Field/S Goodrich, [being a reply to Field's letter of Apr 22 (see /777), giving information on fireplaces for burning smoke, and on paddle wheels] 2p on 1 leaf
- 781 1818 May The Pier of No[rth] Slip, [Portsmouth Yard] Ink sketch, 9 x 20.5cm
- 782 1818 May [Estimate]/Wilson, [Master Mason, re] 2 New Slips [at Portsmouth Yard] 1p
- 783 1818 May Portsmo.Yd. Estimate for two new Building Slips in the north part of the Yard. Materials/Workmanship 4p on 1 leaf
- 784 1818-1830 [Printed tabulated statements re work done by particular steam engines in Cornish mines in certain months:
- 784/1 1818 May /Thomas Lean, John Lean. [Addressed to Neath Abbey Iron Co]
- 784/2 1818 Jun. /----- as above ----- [Bears copious notes and references to Philosophical Magazine. Addressed as above]
- 784/3 1818 Jun. /----- as above ----- [Bears notes and calculations]
- 784/4 1825 Nov. /----- as above -----
- 784/5 1827 Aug. /----- as above ----- [Bears] W[heal] Towan Engineer
- 784/6 1828 Sept. /John Lean. [Bears] Capt N Vivian
- 784/7 1829 Oct. /Thomas Lean. [Addressed to S Goodrich, Portsmouth Dock Yard. Bears lengthy letter, Dec 6, to Goodrich/Thomas Coulson, generally discussing boilers in use in Cornwall and praising the work of Capt Samuel Grose in particular]
- 784/8 1830 Mar. /John Lean. [Bears] Capt N Vivian, Wheal Towan
- 784/9 1830 Apr. /John Lean. [Bears] Capt N Vivian 9 sheets
- 784a 1829 Sept. [Printed tabulated statement re] Performance of Engines near Mold, North Wales/Stephen Eddy. [Grose is engineer at Mold Mines. Addressed to Wm Jones, Pwllmeryn] 1 sheet
- 785 1818 May 1 Copy [letter] Royal Arsenal [to] Commr. Sir George Grey/[Col.] W Cuppage, [re, and bearing copies of opinions of seven manufacturers on, the advantage of using the forge hammer in the remanufacture of old iron. The

manufacturers are Thomas Vardon, Greenwich; Edmund Rudge, Hatfield Street; John Sturges & Co, Bowling Iron Works near Bradford; Philip Thomas, Cobham Iron Mills; William Haward, Rotherhithe; Thompson Forman & Homfray, Steel Yard; James Henckall & Co, Wandsworth] 8p on 2 leaves

- 786 1818 May 7 [Draft letter] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams], J P, [re new pump for air and water, invented by Capt Barron, late Commander of the *Chesapeake*, U.S. Navy] 4p on 1 leaf
- 787 1818 May 12 [Draft letter] Mile end near Portsmouth [to] John Grimshaw/S Goodrich, [being his] Opinion on the Straightening of Sunderland [Wearmouth] Bridge, [an answer to Grimshaw's letter of Apr 10 [\[see /776\]](#)] 4p on 1 leaf
- 788 1818 May 13 [Draft letter] Portsmouth Yard [to Navy Board]/S Goodrich, [re proposed sizes of iron chain cables as substitutes for hempen; includes table] 4p on 3 leaves
- 789 1818 May 14 [Estimate]/Mr Wilson, Mastr. Mason, Po[rtsmouth] Yard, [re cost of materials and workmanship] 2p on 1 leaf
- 790 1818 May 15 Copy [bill] London [to] Navy Commissrs./John Rennie, [for] Cast Iron Diving Bell, [pumps and machinery parts etc Reference to the 'Sheerness Diving Bell'. Bears note re the bell/Goodrich, and note from the Navy Office on verso] 1p
- 791 1818 May 15 [Draft report] Portsmo. Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams] et al, re trial of 1½" worm augers for trenails made at the yard] 2p on 1 leaf
- 792 1818 May 21 [Draft] Estimate for two new Building Slips in the North Part of the Yard, [Portsmouth; Materials and Workmanship/S Goodrich] 2p on 1 leaf
- 793 1818 May 27 [Draft report and estimate] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams], J H, S J, T R, [re building two new slips at the Yard] 5p on 2 leaves
- 794 1818 May 28 [Draft] Estimate for a new Building Slip in the North West Part of the Yard, [Portsmouth; Materials and Workmanship/S Goodrich] 1p
- 795 1818 Jun. Account/Mr Vernon, of the Rolling of various Mixtures of Tin & Copper for experiment by Mr Sheffield as proposed by Mr

Collins 2p on 1 leaf

- 796 1818 Jun. [Draft letter] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich,
24 N D[iddams, re result of experiments by Mr Sheffield Sr in
manufacturing mixtures of tin and copper] 2p on 1 leaf
- 797 1818 Jun. [Draft letter] Portsmo. Yard [to Navy] Bd./[Officers] S
25 Goodrich, N D[iddams, re the bad state of copper sheathing
on the *Tartar*, four years in Sheerness Harbour. They
suggest analysis by chemist Richard Phillips of Mile End,
London] 3p on 1 leaf
- 798 1818 Jun. [Drawing of pipe joint. Bears note]/S Goodrich Line drawing
30 with wash, 33.5 x 34.5cm Scale full size
- 799 1818 Jul. Design for a Pair of Screws for two and a half inch Hoses.
14 Bears note]/S Goodrich Line drawing with wash, 32 x 20cm
Scale full size
- 800 1818 Jul. Design for a Pair of Screws for two and a half inch Hoses.
17 Bears note]/S Goodrich Line drawing with wash, 32 x 20cm
Scale full size
- 800a 1818 Jul.- [Untitled pencil sketches, some annotated, of machinery/S
Nov. Goodrich] 8p on 6 leaves
- 801 1818 Jul. [Draft report to] Navy Board/[Officers] S Goodrich, N
20 D[iddams], R L M, [re] 'new works we think it may be
absolutely necessary to take in hand in the year 1819 [and]
an Estimate of the expense thereof' 3p on 1 leaf
- 802 1818 Aug. [Draft letter] Portsmouth Yard [to Navy] Bd./[Officers] S
3 Goodrich, N D[iddams et al, re copper sheathing of *Tartar*
after analysis by Richard Phillips, chemist, and comparison
with copper sheathing from *Hyperion*. [See /797]] 4p on 1
leaf
- 803 1818 Aug. [Draft letter] Portsmouth Dock Yard [to] John Kingston/S
11 Goodrich, Asking information about the Hemp Beating
Machine at Chatham 3p on 1 leaf
- 804 1818 Aug. [Letter] Manor Street, Brompton [to] S Goodrich/John
16 Kingston, [re the hempbeating machine at Chatham. Bears
ink sketch] 2p on 1 leaf
- 805 1818 Aug. [Notes re] Chatham Hemp beating Machine/[S Goodrich.
16 Bears later pencil notes of 1821 May] 1p
- 806 1818 Aug. Memoranda respecting Syphons & Watering. [Reference to

- 18 Truscott's Pumps. Bears pencil sketch] 4p on 1 leaf
- 807 1818 Aug. [Draft report] Portsmouth Dock Yard [to] Navy
29 Board/[Officers] S Goodrich, J P, J H, [re savings to be made
by watering ships by tank vessels and siphon] 6p on 2 leaves
- 808 1818 Apr. [Draft letter] Portsmo.Yd. [to] Commissioner Sir George
15 Grey/S Goodrich, [re] Gen'l Cuppage's proposal about the
Forge Hammer [in the remanufacture of old iron ([see](#) /785)]
4p on 1 leaf
- 809 1818 [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
Sept. 30 Goodrich, J H, J P, [re] Double Pump invented by Lt Arnold
for Corvettes & Brigs ... to be worked between Decks 6p on 2
leaves
- 810 1818 Oct. [Notes and calculations re Machine for] Beating Hemp/[S
Goodrich] 2p on 1 leaf
- 811 1818 Nov. [Draft report] P[ortsmouth] Yd. [to Navy Board/Officers] S
11 Goodrich, N D[iddams], J P [et al, re] trial of a leather Hose
for Fire Engines invented by Mr Black 2p on 1 leaf
- 812 1818 Nov. [Draft report] Portsmo.Yd. [to Navy Board/Officers] S
11 Goodrich, N D[iddams], J P [et al, re trial of hose made by
Wm Alf'd Noble] 2p on 1 leaf
- 813 1818 Nov. Suggestions for Experiments of making use of Lead to assist
12 in refining Copper/S Goodrich 3p on 1 leaf
- 814 1818 Nov. [Draft letter] Portsmouth Yard [to Navy Bd./Officers] S
21 Goodrich, N D[iddams], re copper from the *Tartar*, and
observations on improving the manufacture of sheet copper;
experiments are recommended] 5p on 2 leaves
- 815 1818 Dec. [Draft report] Portsmo.Yd. [to Navy Board/Officers] S
11 Goodrich, N D[iddams et al, on machines of Mr Kittoe, 'Clerk
of the Survey at Sheerness', for 'airing, cleansing and
repacking canvas' etc and for 'measuring, marking and
making-up of canvas'] 3p on 1 leaf
- 816 1818 Dec. [Draft report] Portsmouth Yard [to Navy Board/Officers] S
14 Goodrich, N D[iddams], re decay of iron work of extinguishing
engines at Jamaica Yard] 2p on 1 leaf
- 817 1818 Dec. [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
28 Goodrich, N D[iddams], J A, [re repair of damaged chain
pump chambers from other Yards] 2p on 1 leaf

- 818 [1819?] [Tabulated statement:] Strength of Ropes. Experiments made at the Rigging House, Portsmouth Yard/S Goodrich? [Bears notes on pulleys, weights and levers crossed through on another page] 1p
- 819 1819 [Trade card:] Gateshead Iron Works. Hawk's & Co's Table of chain substitutes for hempen cables
- 820 1819 Jan. [Draft report] P[ortsmouth] Yd. [to Navy Board]/S Goodrich, 2 [re new weighbridge for Chatham Yard] 5p on 3 leaves
- 821 1819 Jun. [Note] Weevil [to Dock Yard Officers]/The Master Cooper, [re] 27 Value of the Iron bound casks ... for use in Hydraulic Bellows 1p
- 822 1819 Feb. Copy [letter] London [to Navy Board]/Geo. Hawks, [arguing 3 against Board's refusal to use his chain cables in Transport Service. Refers to Mr Montague of Blackwall and Mr Chapman of Newcastle. Bears copy letter, Mar 19, Navy Office to Geo. Hawks, Ducksfoot Lane/R A Nelson: if Hawks will pay for a survey of his manufactory and, if approved, will warrant his cables as do Capt Brown and Messrs Brunton Middleton & Co, the Navy Commissioners will consider objections to the use of Hawks' chain cables removed. [See /825]] 4p on 1 leaf
- 823 1819 Feb. Copy [reports] Plymouth Yard [to] Navy Board/[Officers] E 6/13 Churchill, W R Bright, J Atkins, J Moore, [re] Mr Williams's Copper on *Phoebe* and *Pandora*. [Bears copy note, Feb 11 to the officers/H P and R S, re same] 3p on 1 leaf
- 823a 1819 Feb. [Memorandum re] Lt Burton's Plan for Rowing a Frigate 17-28 [and] Lt Burton's Plan of propelling Ships/[S Goodrich. Mr Donkin and his foreman have been 'sent down by the Admiralty to undertake this work'. Bears pencil sketch] 4p on 1 leaf
- 823b 1819 [Untitled pencil sketches/S Goodrich] 4p on 3 leaves
Mar.-Apr.
- 824 1819 Mar. [Draft letter] Portsmouth Dock Yard [to Navy] 4 Board/[Officers] S Goodrich, N D[iddams, re method of remanufacture of old iron] 4p on 1 leaf
- 825 1819 Mar. [Letter] Portsmouth Yard [to] S Goodrich, Portsm. Yard/Navy 29 Commissioner George Grey, [requesting him to go to Newcastle, at the expense of George Hawks, to report on Hawks's apparatus for the trial of Chain Cables. Bears, on verso, précis of letters, Feb 1 to Mr Hawks/Committee of

- Transports, and Mar 22 to Mr Nelson/Mr Hawks. [See /822]]
2p on 1 leaf
- 826 1819 Mar. [Draft report] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
31 Goodrich, N D[iddams], T G, R L M, [and ?, re accounts of Mr
Street for his blowing machine] 3p on 1 leaf
- 827 1819 Table Given S G by Messrs Hawks, [giving size and strength
of Hawks's chain cables] 1p
- 828 1819 Apr. Copy [letter] Lee, Lewisham, Kent [to] J W Croker/E
5 Edwards, [re better working of chain pumps on H M Ships]
2p on 1 leaf
- 829 1819 Apr. [Notes/S Goodrich. 'At Mr Hawks' Manufactory, Gateshead ...
7/9 Tried Experiments in his Proving Machine [and on his] Iron
Chain Cables'. [Table gives comparison with tests made with
machines of Capt Brown and Messrs Brunton] 4p on 1 leaf
- 830 1819 Apr. [Copy report] Gateshead [to] Navy Board/S Goodrich, [on
Hawks's manufactory, and proving machine and chain
cables. He believes they are as good as those of Capt Brown
and of Messrs Brunton Middleton & Co] 6p on 2 leaves
- 831 1819 Apr. [Draft letter] Gateshead [to] Commissioner R A Nelson, Navy
13 Office/S Goodrich, [proposing to visit manufactories, whilst
returning to London, in Leeds and Derby, and Mr
Grimshaw's in Sunderland] 1p
- 832 1819 Apr. [Table/S Goodrich, being] An Account of Experiments made
3 in breaking pieces of Mr Hawks' Chain Cables in his Proving
Machine, [and] the strain they would have been equal to in
Capt Brown's and in Messrs Brunton & Co's Machine on
Account of the difference in the mode of calculating the
Gages of the respective Machines 1p
- 833 1819 Apr. Table shewing the Sizes and Proofs adopted by Mr Hawks
13 with which is intermixed for comparison, the Table directed
to be followed by Capt Brown, per Navy Board's Warrant .../S
Goodrich 1p
- 834 1819 Apr. [Letter] Navy Office [to] S Goodrich/R A Nelson,
16 Communicating the Board's approval of his visiting some
Manufactories 1p
- 835 1819 Apr. [Draft letter] Sunderland [to] J Grimshaw/S Goodrich, On the
17 Straightening of Sunderland [Wearmouth] Bridge. [With
pencil sketch re same, bearing [unrelated?] calculations on

verso] 2p on 1 leaf + 1 leaf

- 836 1819 May [Draft letter] Portsmouth Dock Yard [to Navy Board]/S Goodrich [p.p. Yard Officers, recommending William Vernon, a nephew of the Master of the Metal Mills, to be made Pro-Foreman due to the 'continued infirmity' of John Ollis, Foreman of the Metal Mills. See also /925] 3p on 1 leaf
- 837 1818 Nov.-
1819 May [Papers re Congreve's patent for using lime to save fuel in the Generation of steam. References to literature of Dalton, Watt, Dr Black, Henry]
- 837/1 1818 Nov.
26 [Draft report] P[ortsmouth] Yd. [to Sir T Byam Martin?]/S Goodrich. [Only small scale experiments have been carried out; a larger project should be 'left to the stimulus of interest in some private establishment to prove its advantages'] 3p on 2 leaves
- 837/2 1819 Jan.
16 Memoranda and calculations respecting Sir Wm Congreve's proposals 8p on 4 leaves
- 837/3 1819 Jan.
23 [Draft report] Portsmouth Yard [to] Sir T Byam Martin, Comptroller of Navy/S Goodrich. ['I still remain in my former opinion ... but shall be happy to yield to experiments sufficiently exceeding the results of good practice ...'] 3p on 1 leaf
- 837/4 1819 May
3 [Printed] Report of an Experiment tried in the Royal Laboratory at Woolwich. Result of Experiments tried on the Principle of Sir William Congreve's Patent for the Application of Chalk Lime-Stone and other Calcareous Substances in the Saving of Fuel. [Experiments, 1818 Dec 15-18 and 1819 Apr, attested to by Henry Dugleby, Chief Clerk, Royal Laboratory, and John Perks, Engineer to the City of London Gas Light Company, respectively] 3p on 1 leaf
- 838 1819 May
11 [Draft report] Portsmouth Dock Yard [to Navy] Bd./[Officers] S Goodrich, N D[iddams], J P, [re] Lt Edwards Proposal for Working Chain Pumps by Capstans 3p on 1 leaf
- 839 1819 May
14 Idea by S G for an arrangement of Capt. Phillips Capstan when his plan was first under consideration for report Line drawing, 39 x 25cm
- 840 1819 May
20 [Letter] London [to] S Goodrich, Portsmouth/John Rennie. [He is unable to offer any employment to Mr Shepperd] 1p
- 841 1819 [Notes and calculations re] Capt. Phillips Capstan. [Bears

- May/Jun./ ink sketch] 3p on 1 leaf
Oct.
- 842 1819 May [Draft report] Portsmouth Yard [to Navy Board/Officers] S
28-29 Goodrich, N D[iddams], J P [et al, re] Model of a Capstan
proposed by Capt. Charles Phillips 6p on 3 leaves
- 843 1819 Jun. [Draft report] Portsmouth Dock Yard [to] Navy
26 Board/[Officers] S Goodrich, N D[iddams], T A [et al, re]
additional statement referred from Capt Phillips relative to
the Capstan proposed by him 3p on 1 leaf
- 844 1819 Jun. [Draft report] P[ortsmouth] Yd. [to Navy Board/Officers] S
30 Goodrich, N D[iddams, re prices proposed by Mr Street for
his blowing machines] 4p on 2 leaves
- 845 1819 Jul. [Draft report] Portsmouth Yard [to Navy Board/Officers] S
6 Goodrich, N D[iddams], T A, on the Statement and Plan
proposed by Lt John T Kelsall for working the Chain Pumps
... 2p on 1 leaf
- 846 1819 Jul. [Draft letter] P[ortsmouth] Yd. [to Navy Board/S Goodrich, re
21 expenses incurred during his trip to Newcastle] 3p on 1 leaf
- 847 1819 Jul. [Draft letter] Portsmouth Yard [to Navy] Bd./[Officers] S
28 Goodrich, N D[iddams, re price claimed by Street for blowing
machines] 1p
- 848 1819 Aug. [Draft report] P[ortsmouth] Yd. [to Navy Board/Officers] S
17 Goodrich, N D[iddams, re possibility of manufacturing chain
pumps at Portsmouth Yard. Refers to 'Mr Collin, the
Contractor for Chain Pumps'] 4p on 1 leaf
- 849 1819 [Draft report] Portsmouth Dock Yard [to] Navy
Sept. 8 Board/[Officers] S Goodrich, N D[iddams], J P [et al, re
prices for chain cables charged by Messrs Brunton & Co and
by Capt Brown] 5p on 2 leaves
- 850 1819 [Draft letter] P[ortsmouth] Yd. [to Navy] Bd./[Officers] S
Sept. 11 Goodrich, N D[iddams and ?, re an Extinguishing Engine for
Jamaica] 1p
- 851 1819 [Draft report to] N[avy] Bd./[Portsmouth Officers] S
Sept. 28 Goodrich, N D[iddams], T A, [re Lt Shuldhams' ship's pump.
Bears pencil doodles on verso] 1p
- 852 1819 Oct. [Draft letter] Portsmouth Yard [to] Sir Robt. Seppings,
15 Surveyor of the Navy/S Goodrich, [re the tiller chain of his
(Seppings') brother. Bears ink sketches] 5p on 2 leaves

- 853 1819 Oct. 29 Sketch of an Idea for making a Mariner's Compass with the Card or equivalent Marks fitted to the Kettle and moving round with the Ship, and with the Needle quite free and light ... [Reference to 'Ramsden's Compass'] Pencil drawing, 52.5 x 32cm
- 854 1819 Nov. 2 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams], J P, [re Ramsden's compass] 4p on 1 leaf
- 855 1819 Nov. 10 [Minute] Navy Office [to] S Goodrich/J Tucker, Percy Fraser, [requesting him to report on the Iron Works of both Messrs Gordon and Messrs Millington & Co] 1p
- 856 1819 Nov. 22 Copy [minute] Sunderland/S Goodrich, [certifying that he has examined the machine, of the joint proprietors Bedlington Iron Company, Messrs Young and Thompson and Messrs Huddock & Son, for proving chain cables. With two pencil sketches, at ½":1' scale, of the testing machine at Sunderland from drawings of Messrs Gordons] 1p + 2p on 2 leaves
- 857 1819 Nov. 22 Copy [minute] Sunderland/S Goodrich, [certifying that he has attended 'the proving of the high pressure Steam Engine Boilererected by Mr John Grimshaw at his new Ropery'; he recommends it] 1p
- 858 1819 Nov. 27 [Draft report] London [to Navy Board]/S Goodrich, [re his visit to Newcastle to examine the method of making chain cables at the Iron Works of both Messrs Gordons and Co and Messrs Millington and Co] 9p on 5 leaves
- 859 1819 Dec. 2 Copy [report] Navy Office [to] Navy Board/S Goodrich [for Portsmouth Yard Officers, re] Mr Cymer's proposed [combined] Ships Pump and Extinguishing Engine. [With ink sketch of same/S Goodrich] 3p on 1 leaf + 1p
- 860 1819 Dec. 17-1827 Jun. 13 [Extracts of letters etc re Stebbings' work on] Hoses for Truscott's Pump/[S Goodrich] 4p on 1 leaf
- 861 1819 Dec. 21 [Draft letter to] N[avy] Bd./[Portsmouth Yard Officers] S Goodrich, N D[iddams]. They would make a specimen suction hose for Capt Truscott's pump and send it to Deptford Yard] 1p
- 862 1819 Dec. 30 [Printed letter] Lambeth, to the Proprietors of the *London Engineer* Steam Yacht/Henry Maudslay. [Bears reports by

- Peter Keir, Pancrass and by Bryan Donkin, Grange Road, Bermondsey and observations on same] 11p on 3 leaves
- 863 [1820?] Noble's chest extinguishing machine. [Watermarked 1820] Pencil sketch, 20 x 32cm
- 864 [1820?] [Notes re weight of *Active's* capstan] 2 slips
- 865 1820 Estimate from M[ess]rs Rannie & White's Bill, [re] Machinery for the Propelling Apparatus of the *Active* Frigate. Alteration of Lt Burton's 1st Plan 1p
- 866 1820 [Table and notes detailing] A proportion of time for White Hawser laid Ropes to lay in boiling Tar, suppos'd to be very near, or quite Tarr'd through each Rope Aug 16 1749. [Endorsed on verso by Goodrich 'Given me by Mr Martin Master Ropemaker in 1820'] 1p
- 867 1820 Form of the Tender for supplying His Majesty's Dock Yards at Deptford and Woolwich with Chain Cables and Articles connected therewith 4p on 2 leaves
- 868 1820 [Ground plan of] Newhall Farm [between Lawshall and Bury St Edmunds, Suffolk. [Bears details on verso of fields' acreage, surveyed by Wm Custance, Cambridge 1805] 2p on 1 leaf
- 869 1821 [Chart of Thermometer readings, showing] Height of Fahrenheit at Ascension [Island] 1820 & 1821 1p
- 870 1820 Jan. 25 Sketch of the Idea now proposed by Capt Phillips for fitting his Capstan/[S Goodrich] Ink sketch, 31 x 20cm
- 871 1820 Jan. 28 [Draft] Estimate etc for New Millwrights Shop/[S Goodrich] 1p
- 872 1820 Jan. 28 [Letter] Navy Office [to] S Goodrich, Portsmouth Dock Yard/Sir H[enry] Peake, Explaining his Son John's project about hollow mixed metal Screws for fastening on Ships' planks etc 3p on 1 leaf
- 873 1820 Feb. 2 [Letter] Navy Office [to] S Goodrich/Sir H[enry] Peake, [re] Mixed Metal hollow Screws for fastening Planks on a Ship's bottom of his Son John's proposing. [With annotated line drawing with wash, full size, re same] 3p on 1 leaf + 1 sheet
- 874 1820 Feb. 8 [Letter] Mansfield Place, Kentish Town [to] S Goodrich, Portsmouth Dock Yard/Geo. Ainslie. [Social news, including

of the Benthams' old house in Hampstead] 3p on 1 leaf

- 875 1820 Feb. [Letter] Neath Abbey [to] S Goodrich, Portsmouth Dock
11 Yard/Tho. Pengilly, Returning thanks for the information
given him about the Copper Mill. [References to Mr Morgan
of Hafod Copper Works; Mr Crawshay (and Williams, his
engineer); Messrs Vivian and J H Vivian] 3p on 1 leaf
- 876 1820 Feb. [Letter] London [to] S Goodrich/Geo. Hawks, [re subpoena to
15 his (Hawks's) 'trial with Brunton about Chain Cables'] 1p
- 877 1820 Feb. [Draft letter] P[ortsmouth] Yd. [to Navy Board/Officers] S
17 Goodrich, N D[iddams], A, [re Suction Hoses for Capt
Truscott's Pumps [made by] W[illiam] A[lfred] Noble 3p on 1
leaf
- 878 1820 Feb. [Draft letter] Portsm.Yd. [to] Navy Board/[Officers] S
17 Goodrich, N D[iddams], J A, [being an explanation of
specimens for suction hose, screws and strainers proposed
for Truscott's pump] 3p on 1 leaf
- 879 1820 Feb. [Draft report] London [to Navy Board]/S Goodrich, [re] Plan
21 of the Rev Dr Cartwright for Working Ships' Pumps 2p on 1
leaf
- 879a 1820 [Untitled pencil sketch, of horse-operated cart, and pencil
Feb./Nov. line drawing of ?/S Goodrich] 1p + 1 sheet
- 880 1820 Feb. [Draft letter] Portsmo.Yd. [to] N[avy] Bd./[Officers] S
29 Goodrich, N D[iddams], re making 'make shift anchors' of Lt
Rodger's invention in the Yard, and the expense] 3p on 2
leaves
- 881 1820 Mar. [Draft] Estimate for Hoses for Truscott's Pumps/[S
4 Goodrich] 2p on 1 leaf
- 882 1820 Mar. [Draft report] Portsmouth Yard [to] N[avy] Bd./[Officers] S
4 Goodrich, N D[iddams], J A, [re insertions to contract 'for
chain pump gear' and 'for fitting carpenters' Sea Store'] 6p
on 3 leaves
- 883 1820 Mar. Copy [letter] Navy Office/[Navy Board, fixing the length and
10 breadth of links etc or chain cables] 1p
- 884 1820 Mar. [Letter] Plymouth Yard [to] S Goodrich/Mr Neil, [re] Hemp
16 Beating Machine for Plymouth describing one like a Tucking
or Fulling Mill 2p on 1 leaf
- 885 1820 Mar. [Letter] Cyfathfa Iron Works, Merthyr Tydfil [to] S

- 26 Goodrich/Wm Crawshay, Introducing his Engineer Mr Williams to see [Portsmouth] Yard 2p on 1 leaf
- 886 1820 Apr. [Ink sketches of chain cable links of Bruntons and of Brown/S Goodrich. Bear annotations] 3p on 2 leaves
- 887 1820 Apr. [Draft] Table shewing the Dimensions and Weights of the Chain Cables to be used ... as Substitutes for Hempen Cables.../[S Goodrich. Bears also 'Further Specification'] 2p on 1 leaf
- 888 1820 Apr. 7/23 [Copy letters: /Portsmouth Officers,] containing Table & Spec[ificatio]n for Chain Cables - Messrs Brunton's Anchor Shackles ...; /S Goodrich, on Messrs Brunton's objection] 2p on 1 leaf
- 889 1820 Apr. 7 Table shewing the dimensions and weights of the Chain Cables to be used ... as substitutes for Hempen Cables .../[Officers] S Goodrich, N D[iddams], T A, Portsmouth Yard. [Bears also 'Further Specification'] 4p on 1 leaf
- 890 1820 Apr. 18 [Draft] Estimate for Making Buoy Chain on a reference from Mr Hawks/[S Goodrich] 1p
- 891 1820 Apr. 20 [Draft letter] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams], T A, [re the overweight of chain cables] 3p on 1 leaf
- 892 1820 May 1 [Draft report] Portsmo.Yd. [to Navy Board/Officers] S Goodrich, N D[iddams, refitting Capt Phillips's capstan on 2p on 1 leaf
- 893 1820 May 6 [Notes/S Goodrich, re] Weight of Capt Phillips Capstan and of a Common one 2p on 1 leaf
- 894 1820 May 13 [Draft report] Portsmo.Yd. [to Navy] Bd./[Officers] S Goodrich, N D[iddams], J P, [re Parsons's model of machine for testing ropes] 8p on 2 leaves
- 895 1820 May 31 [Letter] Portsmouth Dock Yard [to] S Goodrich/Wm Heard, [re] Coals and Iron 2p on 1 leaf
- 896 1820 Jun. [Table giving size, weight and cost of cordage and iron chain cables/S Goodrich] 1p
- 897 1820 Jun. 7 Copy [letter] Commercial Road [to] Navy Commrs./Brunton, Middleton & Brunton, [giving objections to the draft contract for iron cables. Regarding 'the form of link and importance of the stay' they oppose the opinion of numerous (named)

- 'scientific men' and 'eminent engineers'. Bears copy minute, Jun 8, Navy Office to Portsmouth Officers/J T, R G M, asking for report on same (see /899)] 4p on 1 leaf
- 898 1820 Jun. [Draft report] London [to] Navy Board/S Goodrich, [re Holley and Jefferies' blowing machine. Bears pencil sketch. 2p on 1 leaf
22
- 899 1820 Jun. Copy [letter] London [to] Navy Board/S Goodrich, [being a reply to objections of Brunton, Middleton and Brunton's to the draft contract for cables (see /897)] 8p on 2 leaves
23
- 900 1820 Jun. [Draft letter] Portsmouth [to Navy Board]/S Goodrich, [being further observations on the draft contract for chain cables] 1p
25
- 901 1820 Jun. [Letter, Salopian Coffee House, Charing Cross [to] S Goodrich/Capt J Burton, [re] Machinery for propelling the *Active* 3p on 1 leaf
27
- 902 1820 [Letter] Sunderland [to] S Goodrich, Portsmouth/John Grimshaw, Giving an account of his mode of packing the Piston of his high Pressure Engine - & enquiring about testing Machine 4p on 1 leaf
Jun.? 6
- 902a 1820 Jul. Design for a Slide Cock to stop both ways/[S Goodrich] 4p on 2 leaves
9
- 903 1820 Aug. [Letter] Hawks, Stanley & Co [to] S Goodrich, Portsmouth Yard/J Webb, [re draft of contract for chain cables] 3p on 1 leaf
18
- 904 1820 Aug. [Letter] Hawks, Stanley & Co [to] S Goodrich/J Webb, [stating result of test with chain cable links and shackles] 1p
19
- 905 1820 Aug. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams], T A, [giving observations on anchor shackles of chain cables, etc] 4p on 1 leaf
28
- 906 1820 Aug. [Draft letter to] Messrs Hawks & Co/[S Goodrich, re end links of chain cables and anchor shackles] 2p on 1 leaf
31
- 907 1820 [Notes re] Experiments and observations made at Portsmouth [with crabs, capstan, winch and block and tackle/S Goodrich (and William Heard?). Bears numerous sketches. See also /913] 19p on 8 leaves
Sept.-
Oct.
- 908 1820 [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S

- Sept. 12 Goodrich, N D[iddams], T A [et al, re plan of] Capt Charles Phillips proposing the working of the Chain Pumps on ... Ships by means of a Capstan Motion 6p on 2 leaves
- 909 1820 Sept. 30 [Letter] Navy Office [to] S Goodrich, Mile Town, Portsea/H Peake, [re, and bearing copy of, report of Deptford Officers (C Robb, Wm Stone, Jas Hilman) on pumps, worked on Lt E Edwards's plan, by capstan, as against winches] 4p on 1 leaf
- 910 1820 Oct. 12 [Draft report] Portsmouth Dock Yard [to] N[avy] Bd./[Officers] S Goodrich, N D[iddams], J P [et al, re trial and cost of capstan proposed by Mr Kingston, 'the Master Mill wright] 9p on 3 leaves
- 911 1820 Oct 12 Memoranda respecting the Power of Men/[S Goodrich] 2p on 1 leaf
- 912 1820 Oct. 14 [Draft report] P[ortsmouth] Yd. [to] N[avy] Bd./[Officers] S Goodrich, N D[iddams et al, re experiments in the manufacture of old copper into sheets. Refers to the *Tartar*, *Prince Regent*, *Royal George*, *Blossom*, *Conway*, *Wye*] 6p on 2 leaves
- 913 1820 Oct. 18 [Letter] Ports. Yard [to] S Goodrich, Maid St, Borough, London/Wm Heard, [re and bearing tabular account of] Experiments made with a Crab Capstan and a Crab work'd with 2 winches 14 Oct 1820, [see /907] 2p on 1 leaf
- 914 1820 Oct. 8-Nov. 2 [Notes and] Calculations respecting Mr E Edwards plan of working Chain Pumps/[S Goodrich] 10p on 4 leaves
- 915 1820 Oct. 20 [Letter] Portsmouth Yard [to] S Goodrich, Maid Lane, Borough, London/Wm Heard, [re alteration to the necks of rolls] 3p on 1 leaf
- 916 1820 Oct. 26 Copy of the Specification for Chain Cables rec'd from Mr Webb [of Hawks, Stanley & Co] 2p on 1 leaf
- 917 1820 Nov. 2 [Draft report] Deptford Yard [to] Navy Board/S Goodrich [and Deptford Yard Officers, re experiments with chain pumps on Lt Edwards's plan. Bears tables re experiments made Oct 20-25 with capstans and winches] 8p on 2 leaves
- 918 1820 Nov. 4 [Draft report] Navy Office [to] Navy Board/S Goodrich, [re] Experiments made with Pumps worked by the Capstan on Lt Edwards Plan and by the Winches on board the *Narcissus* frigate 2p on 1 leaf

- 919 1820 [Printed advertisement] Eagle Foundry Birmingham. William Brunton's patent smoke burning furnace and fire regulator. [Bears letter, Nov 6, Birmingham to S Goodrich, Portsmouth Dock Yard/Francis, Smith Dearman & Co, re the alteration to the necks of rolls, pointing out Bruntons' mechanical stoker mentioned in the advertisement] 2p on 1 leaf
- 919a - Mr Barton's Patent. [Possibly patent no. 4062 of 1816 Aug of John Barton for Pistons] Plate (engraving) from periodical, 14.5 x 22.5cm
- 920 1820 Nov. [Draft report] Portsmouth Yard [to] Navy Board/[Officers] S Goodrich, N D[iddams], J P, [re Lt Cook's lifeboat] 3p on 1 leaf
- 921 1820 Dec. [Draft letter] Portsmouth Yard [to] Commr. Sir Geo. Grey/[Officers] S Goodrich, N D[iddams], J P [et al, re method of storing ships' compasses] 3p on 2 leaves
- 922 1820 Dec. [Draft report to] G Parkin/[Portsmouth Officers] S Goodrich, N D[iddams, re model of hemp-beating machine, [see /924](#)] 4p on 1 leaf
- 923 1820 Dec. [Draft letter] P[ortsmouth] Yd. [to] N[avy] Bd./[Officers] S Goodrich, N D[iddams, re prices of parts of Capt Phillips's capstan] 1p
- 924 1820 Dec. [Letter] Chatham Yard [to] N Diddams, Master Shipwrt, [and S Goodrich] Mechanist, Portsmouth Dock Yard/G Parkin, [re model of hemp-beating machine [see /922](#)]. Bears note to Mr Kingston/S Goodrich, re same] 3p on 1 leaf
- 925 1820 Dec. [Letter] Portsmouth Yard [to] Commissioner Sir George Grey/N D[iddams and S Goodrich?, recommending John Newey, 'leading man of the Brass Foundries', to be foreman of the Metal Mills following the superannuation of John Ollis, Andrew Dennin, a brass founder, to succeed Newey and William Vernon, a moulder, to succeed Dennin. [See also /836](#)] 2p on 1 leaf
- 926 1820 Dec. [Letter] Navy Office [to S Goodrich]/John Knowles, [re proportions of copper and tin in 'mixed metal'. Bears Goodrich's reply of Dec 23] 2p on 1 leaf
- 927 1820 Dec. [Letter] Montpellier [to] S Goodrich, Portsmouth Dock Yard/S Bentham, [re his estate there and requesting certain articles] 3p on 1 leaf
- 928 1820 Dec. [Letter] Lambeth [to] S Goodrich, Portsmouth/J Field,

- 25 Informing S G of his Election as a Member of the Society of Civil Engineers. [Refers to Severn & King sugar company, Arundel Canal Company, and his own partnerships with Mr Mendham and with Mr Maudslay] 3p on 1 leaf
- 929 1821 Jan. 8 [Letter] Montpellier [to] S Goodrich, Portsmouth Dock Yard/S Bentham, [re pipes and pumps required for his estate. Bears précis of Goodrich's reply to this and to letter of 1820 Dec 22 (/927)] 3p on 1 leaf
- 930 1821 Jan. 15 [Draft letter] P[ortsmouth] Yd. [to Navy Board/Officers, re 'Fire Engine with the fore Wheels to Lock'] 2p on 1 leaf
- 931 1821 Jan. 22 [Draft] Observations/S Goodrich, [re] the large Mixed Metal Block Shell designed by him and made for Jamaica in consequence of Comr. Woodriffe's suggestion on account of the White Ants destroying the Wooden Careening Block Shell 2p on 1 leaf
- 932 1821 Jan. 26 [Draft letter to] N[avy] Bd./[Portsmouth Yard Officers] S Goodrich, N D[iddams], J P, [re gunmetal ships' blocks sent to Jamaica] 4p on 1 leaf
- 933 1821 Feb. 15 [Letter] Somerset Place [to] S Goodrich, Portsmouth Dock Yard/John Peake Junr, [re] his hollow Mixed Metal Screws. [With card bearing line drawing and details of same] 3p on 1 leaf
- 934 1821 Feb. 18 [Letter] Woolwich [to] S Goodrich, Portsmouth Dock Yard/John Peake Junr, [re] his hollow mixed Metal Screws. [Bears comments of 1834 Jan/S Goodrich, referring to Sir Henry Peake, Maudslay and General Bentham] 3p on 1 leaf
- 935 1821 Feb. 19 [Letter] Woolwich [to] S Goodrich, Portsmouth Dock Yard/John Peake Junr, [re] his hollow mixed Metal Screws for fastening on Ships' Planks 3p on 1 leaf
- 936 1821 Feb. 23 [Draft letter] Portsmouth Dock Yard [to] Jn. Peake Junr/S Goodrich, [re] his mixed metal hollow Screws for Ships' Planks 4p on 1 leaf
- 937 1821 Feb. 26 [Letter] Woolwich [to] S Goodrich/John Peake Junr, [re] Number of hollow mixed Metal Screws required for the Deck of the *Royal Charlotte* 2p on 1 leaf
- 938 1821 Feb. 26 [Letter to] S Goodrich, Portsmouth Dock Yard/Jeremy Bentham, [re seeds for Lady Bentham. Bears reply of Goodrich regarding accompanying copy letter, Feb 24 to J Bentham/John Bowring, re sending of goods to Cette in

France for Sir S Bentham's estate] 1p + 1p

- 939 1821 Mar. [Printed notice to] S Goodrich, Mile End Lodge, 1 Portsmouth/British Fire Office, Strand and Cornhill, [being a reminder for payment on his policy] 3p on 1 leaf
- 940 1821 Mar. [Draft report] Portsmo.Yd. [to] N[avy] Bd./[Officers] S 1 Goodrich, N D[iddams], J P, [re deterioration of ships' tanks by rust, and their preservation] 4p on 1 leaf
- 941 1821 Mar. [Particulars re] Pumps, Pipes etc for Sir Sam'l Bentham 2 [and his estate in Montpellier/S Goodrich. Bears ink sketches] 4p on 1 leaf
- 942 1821 Mar. [Particulars re] 1st Experiments made with the Hemp 2 beating Machine at the Hatchelling House, Port[smouth] Yard/[William Heard?] 4p on 1 leaf
- 943 1821 Apr. [Letter] Lambeth [to] S Goodrich/Henry Maudslay, [re] the 4 Painting of Tanks with boiled Linseed Oil & White Lead 2p on 1 leaf
- 944 1821 Apr. [Particulars re] 2nd Experiments made in Beat[in]g Hemp by 13 the Machine/[William Heard?] 2p on 1 leaf
- 945 1821 Apr. [Draft letter] Portsmo.Yd. [to] N[avy] Bd./[Officers] S 19 Goodrich, N D[iddams and?], re sale of old iron and cost of re-manufacturing old iron] 3p on 1 leaf
- 946 1821 May [Draft letter] Portsmouth Yard [to] N[avy] Bd./[Officers] S 15 Goodrich, N D[iddams and R T J?], re price of oval illuminators from Pellatt & Green] 1p
- 947 1821 May [Letter] Navy Office [to] S Goodrich/Sir H[enry] Peake, [re 18 mixed metal pattern scuttle lids. Expresses concern for Goodrich's 'irreparable loss'] 2p on 1 leaf
- 948 1821 May [Draft letter to] N[avy] Board/Portsmouth Yard Officers] S 19 Goodrich, N D[iddams et al, re Tiffin & Co's prices for black lead melting pots] 2p on 1 leaf
- 949 1821 May [Letter] Pembroke Yard [to] S Goodrich/Thos. Roberts, [re 19 the fixed copper boiler at the Yard, 'put up under the directions of Mr Wallace, Clerk of the Works'. With copy report, May 19, to Thomas Roberts/William Wallace, re tightness of boilers since they were fitted] 1p + 1p
- 950 1821 May [Draft report] Portsmouth Yard [to] N[avy] Bd./[Officers] S

- 25 Goodrich, N D[iddams, re leaky boiler supplied from Portsmouth Yard to Plymouth] 6p on 2 leaves
- 951 1821 May 31 [Letter] Steam Engine Manufact[ory], Leeds [to] S Goodrich/M[atthew] Murray, ['Asking me to recommend a Copper Refiner' for a mill in Holland] 1p
- 952 1821 May 31 [Calculations re hemp-beating/Wm Heard?] 2p on 1 leaf
- 953 1821 Jun./Sept [----- as above -----] 2p on 1 leaf
- 954 1821 Jun. [Letter] Navy Office [to] S Goodrich/Sir H[enry] Peake, [hastening the completion of pattern scuttle lid] 1p
- 955 1821 Jun. 9 [Draft letter] Portsmouth Yard [to] Sir Henry Peake/S Goodrich, [re expediting the 'Specimen Scuttle Lid'] 2p on 1 leaf
- 956 1821 Jun. 11 [Draft letter] Portsmouth Yard [to] Sir H[enry] Peake/S Goodrich [re] Scuttle Lids 2p on 1 leaf
- 957 1821 Jun. 16 [Stamper with iron weight on top/Wm Heard?] Pencil sketch, with notes on verso, 20 x 32cm
- 958 1821 Jul. [Table re experiments with iron bolts made by by Messrs Hawks/S Goodrich] 1p
- 959 1821 Jul. 14 [Draft] Estimate of the Expense of fitting a new Capstan for each class of Ships on the old Plan compared with that of fitting a new Capstan on Captn Phillips Plan; also an estimate of the expense of altering the existing Capstans of a Ship of each Class to Capt Phillips Plan .../[Officers] S Goodrich, N D[iddams], Portsmouth Yard. [With tabulated estimate re same] 2p on 1 leaf + 1p
- 960 1821 Jul. 23 [Memorandum] Rotherhithe/Wm Evans, [re] Advantages of the proposed plans of Wm Evans [for placing engines in the middle of vessels] 2p on 1 leaf
- 961 1821 Mar.-Aug. [Draft] Report about Iron [to] Navy Bd./S Goodrich, London. [With 'Form of Tender for supplying ... Dock Yards with Cable Bolts & No.3 or double faggotted Iron ...'/S Goodrich (2p on 1 leaf); copy letters, July 31, Plymouth Yard to Navy Board/Officers E C, T H, J A, J M, and Aug 7, Portsmouth Yard to C Graham/S Goodrich (2p on 1 leaf); 'Extracts of Letters, [Mar 23 to Jul 10] put into my [Goodrich's] hands by Comr. of Stores 17 July Respecting Iron Contract' (3p on 1 leaf); miscellaneous notes re same/S Goodrich (4p on 2

leaves, on verso of one of which is note, 1826 Feb 27, re seeing Mr Graham] 4p on 1 leaf

- 962 1821 Jul. 28 Plan for foundation of the Dover Post Office Packet Engines as supplied to Mr Evans by B[oulton] & W[at]t ... Pencil drawing, 32 x 20cm
- 963 [1821 Aug.] [Note re] Coals consumed & Iron Manufacture from 30 July to 25 Aug 1821/[S Goodrich] 1p
- 964 1821 Aug. 1 [Draft report] London [to] Navy Board/S Goodrich, [re plan of Wm Evans for propelling steam vessels] 6p on 2 leaves
- 965 1821 Aug. 10 Copy [report] Portsmo.Yd. [to] Navy Board/[Officers] S Goodrich, N D[iddams], J P, [re windlass of John Pinder] 3p on 1 leaf
- 966 1821 Aug. 17 [Draft report] Portsmo.Yd. [to] N[avy] Bd./[Officers] S Goodrich, N D[iddams et al, re] Ventilating Apparatus of Messrs Lambs & Co fitted to the Fire Hearth in the *Queen Charlotte* 6p on 2 leaves
- 967 1821 Sept. 15 Copy [letter] Portsmouth Yard [to] Mr Fenwick/S Goodrich, [re the working of Fenwick's hemp-beating machine] 3p on 1 leaf
- 968 1821 Sept. 15 [Draft report] Portsmo.Yd. [to] Committee of Navy Board, Plymouth Yard/[Officers] S Goodrich, N D[iddams et al, re blowing machine of Messrs Holley and Jefferies. See also /898] 2p on 1 leaf
- 969 1821 Sept. 29 [Letter] Chatham Yard [to] S Goodrich, Portsmouth Dock Yard/W Fenwick, [re Fenwick's hemp-beating machine. Bears line drawings] 3p on 1 leaf
- 970 1821 Oct. 14 [Letter] Chelsea [to] S Goodrich/M I Brunel, Asking particulars about the Copper Mill Work. [Bears Goodrich's draft reply of Oct 18] 4p on 1 leaf
- 971 [1821 Nov.?] [Printed prospectus:] Proposals for the formation of a company for carrying on the Portsea Island Gas Works ... [to be called 'The Portsea Island Gas Light Company'] 3p on 1 leaf
- 972 1821 Nov. 15 [Draft report] P[ortsmouth] Yd. [to Navy Board/Officers] S Goodrich, N D[iddams, re metallic piston of Mr Barton's] 2p on 1 leaf
- 973 1821 Nov. [Letter] Lambeth [to] S Goodrich, Portsmouth Y[ard]/Joshua

- 17 Field, [re metallic pistons. Refers to Institution of Civil Engineers] 4p on 1 leaf
- 974 1821 Dec. [Letter] Goldsworthy Place, Rotherhithe [to] S
1 Goodrich/Thomas Goddard, [re] fixing the machinery of the Semaphore at the Magazine, Portsmouth 1p
- 975 1821 Dec. [Draft report] Portsmouth [Yard, to Navy Board/Officers] S
7 Goodrich, J P, S J [et al, re working of chain pumps by winches and capstans compared. Refers to Capt Owen, Lt Edwards, Capt Phillips. Bears note of 1834 Jan 28/S Goodrich, re tests made of the pumps on the *Lever*] 8p on 2 leaves
- 976 1821 Dec. [Précis of experiments made with hemp-beating
11-12 machine/Wm Heard? Includes reports of Sept 22 and Dec 28 by W Fenwick of Chatham Yard, and extract sent to Mr Penfold (at Plymouth) 1822 Jan 1] 4p on 1 leaf
- 976a 1818 Sketches about Houses when thinking of building one/[S
Oct.-1821 Goodrich et al. Include 'Mr Piddell's House', 'Mr Hulbert's
Jan. House', 'Estimate for the Shell of a House built Fire Proof', 'Ground Plan of Mile End Lodge'] 18 sheets
- 977 1821 Dec. [Letter] Goldsworthy Place, Rotherhithe [to] S
17 Goodrich/Thomas Goddard, [re Portsmouth and Lumps Fort Semaphores: the 'upper arm being made to pass over at top from 45° to 45°'. Bears line drawing] 1p
- 978 1821 Dec. [Draft letter] Portsmouth Yard [to] Navy Board/[Officers] S
18 Goodrich, J H, [re value of copper material manufactured in Portsmouth Yard] 4p on 1 leaf
- 979 1821 Dec. [Draft letter] Portsmo.Yd. [to] Mr Fenwick, Master
21 Ropemaker, Chatham/S Goodrich, [re] the effect of the Hemp Beating Machine 2p on 1 leaf
- 980 1821 Dec. [Letter] Chatham Yard [to] S Goodrich, Portsmouth Dock
28 Yard/W Fenwick, [re Chatham hemp-beating machine. Bears line drawing of lifter] 3p on 1 leaf
- 981 1821 Dec. [Particulars re] Established Rates of Pay and Number and
description of Men at the Wood Mills, Metal Mills and Millwrights Shop, [Portsmouth Dock Yard/S Goodrich] 1p
- 982 1822 [Draft report] Portsmouth Yard [to Navy Board]/S Goodrich,
[re Mr Bagrie's method of working hand pumps on *Prince of Wales*] 3p on 2 leaves

- 983 1822 Jan. 1 [Particulars re experiments made with hemp-beating machines at Chatham and at Portsmouth/Wm Heard?] 3p on 1 leaf
- 984 1822 Jan. 1 [Replies to queries re working hemp-beating machine/Mr Penfold] 3p on 1 leaf
- 985 1822 Jan. 29 [Draft letter] Portsmo. Yard [to] N[av]y Bd./[Officers] S Goodrich, N D[iddams], J A. [Three extinguishing engines with locking fore wheels are to be sent: one for Woolwich and Deptford, one for Chatham and Sheerness, one for Plymouth and Pembroke] 1p
- 986 1822 Jan. 29 [Letter] Navy Office [to] S Goodrich/Sir Robt. Seppings, [re] Capstan for the *Apollo* Yacht 1p
- 987 1822 Jan. 16 Calculations about Pumps for the *Apollo*/[S Goodrich. Bears note of Mar 9 on verso/S Goodrich] 2p on 1 leaf
- 988 1822 Feb. 6 Copy Plans of Lumps Fort near Portsmouth shewing ... Wall ... proposed to be built to keep off the washing over of the sea, from the Building proposed to be occupied for Semaphore purposes Line drawing, 32 x 39.5cm Scale 1":ca.22'
- 988a 1822 Feb. 9 A one Horse Dung Cart with cost ... [for Mr Sampson/S Goodrich] Annotated ink sketch, 33 x 20cm
- 989 1822 Feb. 25 [Letter] Navy Office [to] S Goodrich/H Rogers. He is appointed Chief Clerk of the Stores branch in lieu of Mr Rolt [who has been] superannuated. [He now has much more work and much less pay] 2p on 1 leaf
- 989a 1822 [Miscellaneous rough sketches/S Goodrich, including one of January for hemp-beating machine] 1 sheet, 1p, 1 slip
- 990 1822 Mar. 9 [Letter] Chatham Yard [to] S Goodrich/W Fenwick, On the Mode of Manufacturing, Stoving and Tarring Bolt Rope at Chatham Dock Yd. 2p on 1 leaf
- 991 1822 Apr. 6 [Letter] London [to] S Goodrich, Portsmouth Y[ard]/Joshua Field, [re] Dam for the North Dock. [Again encourages Goodrich to attend meetings of 'Institution of Engineers'] 3p on 1 leaf
- 992 1822 May 24 [Draft report] Portsmo.Yd. [to] Navy Board/Officers] S Goodrich, J H, J A, [recommending, instead of the 'Forcing Pump with a solid piston and open top introduced by Mr Noble', one with 'a Valve in the Bucket, a covered top, and

- the rod working thro a Stuffing Box' [Truscott's?]] 4p on 1 leaf
- 993 1822 Jun. [Tabulated statement re strength of tarred and untarred yarn] 1p
- 994 1822 Jun. [Copy of] Directions ... to the Workmen [Daniel Wood and James Holt] how to Balance the long arm of the Semaphores; these had been badly balanced in the House Carpenter's Shop/S Goodrich. [With rough pencil sketch] 3p on 1 leaf + 1p
- 995 1822 Jun. [Letter] Pembroke Yard [to] S Goodrich, Portsmouth Dock Yard/Wm Radford, Stating that the 2nd Suppling[?] Boiler [for 'boiling Plank'] is leaking and asking advice how to staunch it 2p on 1 leaf
- 996 1822 Jun. [Draft letter] Portsmouth Yard [to] Radford, Pembroke Yard/S Goodrich, In answer to his about the leaky Boiler for Suppling[?], advising how to try to staunch it 3p on 1 leaf
- 997 1822 Jul. [Letter] Royal Rope Yard, Woolwich [to] S Goodrich, Portsmouth Dock Yard/John Peake, [re and with a 'paper'], On an anchor of his contrivance for Rocky ground. [Paper includes testimonial as to its efficacy, 1820 Sept 13, HMS *Leven* to Navy Commissioners/J D Bartholomew 4p on 1 leaf + 3p on 1 leaf
- 998 1822 Jul. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams], J P, [re comparative trial, and method of trial, of anchors of Mr Brown and of Mr Pering. See also /562] 4p on 2 leaves
- 999 1822 Aug. [Letter] Old London Street [to] S Goodrich, Portsmouth Dock Yard/Gordons & Biddulph. 'They have made the Capstan for the *Apollo* Yacht entirely of Brass. [Bears précis of Goodrich's reply of Aug 2] 3p on 1 leaf
- 1000 1822 Aug. [Letter] Hunter Street, Brunswick Sq [to] S Goodrich, Portsmouth Dock Yard/J H Koe, Enquiring about a Steam Boat to France and giving news of the General [Bentham] etc 3p on 1 leaf

Goodrich Papers A 1000-1500

- 1001 1821 Aug. [Letter] Navy Office [to] S Goodrich, Portsmouth Dock Yard/Thomas Mudge, [re] Specification for the Scuttle Lids ['for the Oval Illuminators']. Bears draft reply 'describing the

Composition of the Mixed Metal'] 3p on 1 leaf

- 1002 1822 Sept. 17 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, J P, [re result of trial of Brown's and Pering's anchors] 6p on 6 leaves
- 1003 1822 Sept. 25 [Draft report, Portsmouth Yard, to Navy Board/Officers] S Goodrich, N D[iddams], J H, J R, [re improved quality of copper manufactured in the Yard, put on ships *Andromache*, *Euryabus* and *Tees*(?)] 4p on 1 leaf
- 1004 1822 Sept. 30 Copy [letter] Portsmouth Dock Yard [to] Sir T B Martin, Comptroller of the Navy/S Goodrich, [re] the sizes of Iron Cables as Substitutes for Hempen. [Bears tables, remarks, and additional remarks by W H (William Heard)] 3p on 1 leaf
- 1005 1822 Oct. 1 [Minute] High Street, Portsmouth [to] S Goodrich, Portsmouth Dock Yard/Mr Stebbing, [re and with] Statement of the Examination of the Weight etc of the different parts of two Copper Buoys. [With 'Examination of Value of Mr Stebbing's Buoys/S Goodrich] 2p on 2 leaves + 2p on 1 leaf
- 1006 1822 Oct. 7 Estimate of Gondover & Biddulph's Capstan/[S Goodrich] 1p
- 1007 1822 Oct. 12 [Copy letter] Portsmo. Dock Yard [to] Mr Gordon/S Goodrich, In answer to him asking an opinion on his Projects [re Steam Boats] 3p on 1 leaf
- 1008 1822 Oct. 28 [Draft report to Navy Board/Portsmouth Officers] S Goodrich, N D[iddams, re Patent Steam Boiler invented by Mr Omrod. With ink sketch of 'Mr Omrod's Patent Steam Accelerator'/S Goodrich. This is probably patent no.4633 of 1822 Jan of Richard Ormrod] 4p on 2 leaves + 1 sheet
- 1009 1822 Nov. 6 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, N D[iddams et al, re Mr Flinn's iron links for chain cables] 2p on 1 leaf
- 1010 [1823?] [Printed advertising brochure:] A plan and description of a Patent Hydraulic Apparatus invented by John Barton, Machinist and Engineer, Seward Street, Goswell Street, London, As applied for a Fire Extinguishing and Garden Engine, with some observations, pointing out its applicability to Mining and other Hydraulic purposes 8p + plate
- 1011 [1823?] [Notes/S Goodrich, re mechanical advantage of Brunton's, Hawks', Brown's and Sunderland's proving machines] 1p

- 1012 1823 [Statement giving parts of crane and their weights. Bears ink sketches] 3p on 1 leaf
- 1013 1823 Estimates for Digging up & removing the Shoal at the Entrance of Ports. Harbour/[S Goodrich] 1p
- 1014 1823 Shoal, Portsmouth Harbour. Estimate about removing it/[Wm Heard] 1p
- 1015 1823 [Estimate, to] Sir George Grey/Thos. Atkinson, [re] Expense of laying Down Mooring for removing the Shoal, Ports. Harbour. [Bears notes by Goodrich] 4p on 1 leaf
- 1016 1823 Shoal at Entrance of Portsmouth Harbour/S Goodrich Ink sketch, bearing smaller sketch and annotations on verso, 20.5 x 32cm
- 1017 1823 Estimate/Jas. Crowch, Wheelwrights Shop, for a Wheel Barrow 1p
- 1018 1823 Précis, to Navy Board's R(esident) C(ommis-Officers] S Goodrich, J N, [re boring deep well at the Yard] 8p on 3 leaves
Nov.-
1828?
Feb.
- 1019 1823 [Draft letter to Navy Board/S Goodrich, postponing report on Barton's metallic pistons pending further experience] 2p on 1 leaf
- 1020 1823 Jan. 8 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, J P [et al, re] Capstan proposed by Messrs G & A Day [and] whether it assimilates with and is preferable to Captn Phillips Plan 2p on 1 leaf
- 1021 1823 Jan. 18 [Draft report] Portsmouth Yard [to] Resident Commr/[Officers] S Goodrich, J H, T A, [re Bagrie's method of working ships' hand pumps tested on the *Prince of Wales*] 4p on 1 leaf
- 1022 1823 Jan. 24 [Draft letter] Portsmouth Yard [to Navy Board/Officers] S Goodrich, J P, J H, [forwarding drawing of chain pump with directions] 1p
- 1023 1823 Jan. 27 [Draft report] Portsmouth Yard [to Navy Board/Officers] S Goodrich, J H [and ?, re chambers for chain pumps being made in one piece instead of three] 2p on 1 leaf
- 1024 1823 Jan. 30 [Draft letter] Portsmouth Yard [to Navy Board/Officers] S Goodrich, J H, [re terms of Messrs Shears & Sons for remanufacturing old copper] 2p on 1 leaf

- 1025 1823 Feb. [Copy letter] Salisbury St, Strand [to] Navy Commissioners/W
13 & C Grenfell & Co. [They attack the quality of 'Navy Copper Sheathing' manufactured at Portsmouth Yard and enclose testimonials from the Mint Office and from Wm Brown of Messrs W & J Brown & Co, Liverpool recommending their own copper. See /1054] 10p on 3 leaves
- 1026 1823 Feb. [Draft letter] Portsmouth Yard [to Navy Board's] Resident
17 Commissioner, Portsmouth Yard/[Officers] S Goodrich, J A, J N, [re sorting old copper etc from ships prior to its being sent into store] 2p on 1 leaf
- 1027 1823 Feb. [Draft report] Portsmouth Yard [to Navy Board/Officers] S
20 Goodrich, J N, J A, [stating that, despite defects, hoses with copper ferrules are better for Truscott's pumps than hoses with a spiral worm] 6p on 3 leaves
- 1028 1823 [Extracts from letters re prices of Stebbing and of Noble for
Feb./Apr. ferrules for hoses/S Goodrich] 2p on 1 leaf
- 1029 1823 Mar. [Account re] Expense of a Scuttle Lid sent to the Navy
Office/W Kingston. [Bears note on verso re rusted capstan (see/1036)/S Goodrich] 1p
- 1030 1823 Mar. [Letter] Portsmouth [to] Portsmouth Officers/Geo. Stebbing,
8 [re sizes and weight of copper buoys to be supplied by him] 3p on 1 leaf
- 1031 1823 Mar. [Printed advertising circular] to proprietors of steam-
13 engines, and manufacturers using steam-boilers, coppers, pans etc [re] patent Granted to William Johnson for an effectual method of consuming Smoke by combustion. [This refers to patent no.4325 of 1818 Dec] 2p on 1 leaf
- 1032 1823 Mar. [Draft report] Portsmouth Yard [to Navy Board/Officers] S
31 Goodrich [and ?, re] Mr Barton's Metallic Piston fitted to one of the 30 Horse Steam Engines at this yard 2p on 1 leaf
- 1033 1823 Apr. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S
22 Goodrich, J A, J N, [re the manufacture (and prices) of hoses (for Truscott's pumps) to be made by Stebbing] 2p on 1 leaf
- 1034 1923 Apr. [Letter] Portsmouth [to] S Goodrich/Geo. Stebbing, [re]
4 Truscott's Suction Hoses. [Bears notes by Goodrich. With slips re same] 2p on 1 leaf + 3 slips
- 1035 1823 Apr. [Draft report] Portsmouth [to Navy Board/Officers] S
29 Goodrich, J N, [re] the wear of a Copper Boiler compared

with one of Iron 4p on 1 leaf

- 1036 1823 May 6 [Draft report] Ports.Yd. [to Navy Board/Officers] S Goodrich, J N, J H, J R, [re defects of the capstan of the *Active*] 3p on 2 leaves
- 1037 1823 May 6 [Letter] London [to] S Goodrich, Portsmouth/Joshua Field, Giving an account of Mr [Jacob] Perkins Engine 4p on 1 leaf
- 1038 1823 May 21 [Draft letter to Navy Board/Portsmouth Yard Officers] S Goodrich, J N, [re] Task Work Prices at the Metal Mills for Rolling and Pickling thick Copper Plates for Boilers 1p
- 1039 1823 May 22 [Copy minute to S Goodrich]/Commr [Sir] George Grey, [requesting estimate to remove the shoal in Portsmouth Harbour using convict labour] 2p on 1 leaf
- 1040 1823 Jun. 1 [Letter] Shoreham Harbour [to] S Goodrich/Wm Clegram, [re] Expenses of Dredging at Shoreham Harbour 2p on 1 leaf
- 1041 1823 Jun. 3 Depth of water at the North Dock Gates. [Table re rise and fall of tide, Portsmouth Harbour/S Goodrich] 2p on 1 leaf
- 1042 1823 Jun. 11 [Letter] Shoreham Harbour [to] S Goodrich/Wm Clegram, [re] expense of dredging 2p on 1 leaf
- 1043 1823 Jun. 21 [Notes and calculations/S Goodrich, re removing shoal in Portsmouth Harbour] 21p (numbered 1-22) on 6 leaves
- 1044 1823 Jun. 21 [Draft report and estimate] Portsmouth Yard [to Navy Board's] Resident Commr/S Goodrich [pp. Officers, re] Removing the Shoal [in Portsmouth Harbour, and cost of dredging] 14p on 4 leaves
- 1045 1823 Jun. 27 [Draft letter] Portsmouth Yard [to] M Murray, Fetter Lane, London/S Goodrich, [re Sunderland Machine for proving chain cables. Bears ink sketches] 8p on 2 leaves
- 1046 1823 Jul. 11 Sketch shewing the Upper and Lower Cast Iron Bushes of the Upper Body of the Capstan of the *Seringapatam*/S Goodrich [and] J Nolloth, Portsmouth Yard. [Bears 'Observations'] 2p on 1 leaf
- 1047 1823 Jul. 26 [Draft letter to Navy Board's] Resident Commr/[Portsmouth Yard Officers] S Goodrich, J N, [re dredging a shoal from entrance to Portsmouth Harbour] 6p on 3 leaves
- 1048 1823 Jul. [Draft report] Portsmouth Yard [to Navy Board/Officers] S

- 31 Goodrich, J N, [re Barton's metallic piston packing] 2p on 1 leaf
- 1049 1823 Aug. Opinion on terms proposed by Jolliffe and Banks for
22 removing the Shoal [at] ent[ranc]e of Portsmouth Harbour/[S Goodrich] 2p on 1 leaf
- 1050 1823 Aug. [Letter] Shoreham Harbour Office [to] S Goodrich,
25 Portsmouth Dock Yard/W Clegram, [re] Shoal at Entrance of Portsmouth Harbour 3p on 1 leaf
- 1051 1823 Aug. [Draft letter] Portsmo. Yard [to Navy Board's] Resident
30 Commissr/S Goodrich, [re supply of copper from Messrs Vivians of Swansea for experiment] 4p on 1 leaf
- 1052 1825 [Draft report to Navy Board/Portsmouth Yard Officers] S
Sept. 6 Goodrich, J N, [re defects of Capt Phillips's capstan on the *Victor*. With printed 'Directions for Using and cleaning Captain Phillips's Capstans' bearing ms. amendments by Goodrich] 2p on 1 leaf + 3p on 1 leaf
- 1053 1823 Oct. Copy [letter to] Secretary of the Admiralty/Dr C W Wilkinson,
3 Bath, [re experiments (chiefly chemical) on copper] 4p on 1 leaf
- 1054 1823 Oct. [Draft report] Portsmo. Yard [to Navy Board's] Resident
16 Commissr/[Officers] S Goodrich, J N, J H, T R, [replying to the attack of W & C Grenfell & Co (see /1025) on copper manufactured at the Yard] 16p on 9 leaves
- 1055 1823 Oct. [Draft letter] Portsmo. Yard [to Navy Board's] Resident
20 Commissr/[Officers] S Goodrich, J N, J H, T R, [re improving the quality of copper manufactured at the Yard] 3p on 1 leaf
- 1056 1823 Oct. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S
28 Goodrich, J N, [re Grenfell's attack (see /1025), and re further supplies of copper from Vivian's or Grenfell's] 3p on 1 leaf
- 1057 1823 Oct. [Draft report] Portsmouth Yard [to Navy Board/Officers] S
29` Goodrich, J N, [re Tucker's machine for pumping water] 4p on 2 leaves
- 1058 1823 Nov. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S
7 Goodrich, J N, [re boring (by T Clarke) of the deep well at the Yard] 4p on 1 leaf
- 1058 1823 Nov. [Copy letter] Portsmo. Yard [to] Wm Millar, Navy Office/S
a 17 Goodrich, [re] Kiln with Copper Boilers etc for Boiling Planks

- ... for Pembroke and Plymouth Yards. [With copy, dated 1817 Nov 24, of 'Explanation of a Design for a Kiln ... to be erected at ... Pembroke' bearing additional note of 1819 Jul 9 to Plymouth Officers/S Goodrich] 4p on 1 leaf + 4p on 1 leaf
- 1058 1823 [Miscellaneous rough sketches/S Goodrich] 5p on 4 leaves
b Feb.-May
- 1059 1825 Dec. [Draft letter] Ports. Yard [to Navy Board/Officers] S Goodrich,
9 J A, J N, [re trial, for Truscott's pumps, of suction hoses, one 'sent with Weeks Pump from Chatham', and one from store 'made by Mr Stebbing with the coped Copper Ferrules'] 4p on 1 leaf
- 1060 1823 Dec. [Annotated] Sketch [of Hawks's patent anchor] taken from
18 one sent from Dept [for]d. [This is probably patent no.4856 of 1823 Nov of George Hawkes] Ink sketch, 18.5 x 20cm
- 1061 1824 Feb. [Fire Assurance Policy to] S Goodrich, Friends Cottage,
10 Portsea/British Fire Office, London, [re household items etc in the sum of £500 for period Christmas 1823 to Christmas 1824] 1 sheet
- 1062 [1824?] [Hose pipe union for large extinguishing engine. Watermarked 1824] Line drawing, 32 x 40cm
- 1063 [1824?] [Ball and socket joint for extinguishing engine. Watermarked 1824] Pencil drawing, 32 x 40.5cm
- 1064 [1825] [Tabulated] Account shewing the Employment by Day of Work [from 1824 Jul 21 to 1825 Feb 7] Mr Thos. Clarke, and People boring out the Well [at] Portsmo. Yard 8p on 4 leaves
- 1065 1824 Dec. Paper from Mr Kingston ... [giving weight and price of] Maudslay Rope Jack 1 slip
- 1066 1824 [Draft letter/S Goodrich, re] Patent Lever Fids [and their cost] 1p
- 1067 1804/182 4-33 [Accounts, re Goodrich's expenditure in 804 Jan-Jul, with his brother William in 1826 Mar-Nov, and with his brother John and nephew Simon Goodrich from 1824 Jan to 1833 Dec re their grocery shop at Hammersmith (see /1074 and /1747)] 5p on 3 leaves
- 1068 [1825?] [Notes/S Goodrich, re] the Specimens obtained, shewing the nature of the Strata penetrated, in making the 12 inch Boreing from the Bottom of the Well in Dock Yard at Portsmouth between 21 July 1824 and 7 Feb 1825 3p on 2

leaves

- 1069 [1824?] [Paper template (scale ½":1') of plan of one of ribs for] North Gate
- 1070 [1825] [Tabulated accounts of material (treenails, copper spikes, barrels of tar, reams of brown paper, cast iron hinges, paint, casks of Roman cement, lignum vitae and oak dowels, copper sheets, copper bolts and screws, iron bolts, mixed metal castings) used for North and South Gates, 1824-25. Bears additional notes (by William Heard?)] 5p on 2 leaves
- 1071 1824 Jan. [Draft report] P[ortsmouth] Yd. [to Navy Board/S Goodrich pp. Officers, re] the State of the Copper on the Bottom of the *Pandora* ... on which some sheets supplied by Mr Williams for experiment had been placed having been transferred from the Bottom of the *Phoebe* 2p on 1 leaf
- 1072 1824 Jan. [Draft letter to Navy Board/Portsmouth Yard Officers] S Goodrich, J N, [re copper manufactured at the Yard by Dr Wilkinson's process] 2p on 1 leaf
- 1073 1824 Jan. Copy [letter] Portsmo. Yard [to Navy Board's] R[esident] C[ommissioner/Officers] T R, J H, J N, [re practice of joining two iron cables with anchor shackle on H M ships] 2p on 1 leaf
- 1074 1824 Jan . 22 [Stocktake of his nephew's grocery business in Hammersmith ([see /1067](#))/S Goodrich] 4p on 1 leaf
- 1075 1824 Feb. 28 [Draft letter to Navy Board]/S Goodrich, [re length of use of his 'Wooden Boiler'] 4p on 2 leaves
- 1076 1824 Apr. 7 [Letter] Cox Young & Co, Limehouse [to] S Goodrich/Sam. Horsfold, [re subpoena to trial concerning 'alleged bad copper'] 1p
- 1077 1824 Apr. 9 Calculations of Anchors for the determining of the Sizes of Hempen Cables for Anchors of 25 Cwt and Downwards/[S Goodrich] 1 sheet
- 1078 1824 Apr. 16 [Letter] Steam Engine Manufactory, Leeds [to] S Goodrich, Portsmouth Dock Yard/Mw. Murray, [re] Mr Jessop's metallic elastic spiral Packing [Pistons, reporting unfavourably on them] 3p on 1 leaf
- 1079 1824 Apr. 20 [Draft statement to Navy Board/Portsmouth Yard Officers] S Goodrich, J A, J G, [re proposed sizes of hemp cables for

anchors from 25 cwt downwards] 1p

- 1080 1824 Apr. 27 [Draft report to Navy Board/Portsmouth Yard Officers] S Goodrich, J A, J N, [stating that they consider Stebbing's hose preferable to Noble's for Truscott's pumps] 3p on 1 leaf
- 1081 1824 May 14 [Draft letter] London [to Navy Board]/S Goodrich, [re new contract for firehearths] 2p on 1 leaf
- 1082 1824 May 24 [Draft letter to Navy Board/Portsmouth Yard Officers] S Goodrich, J A, J N, [re respective prices of Noble and of Stebbing for hoses for Truscott's pumps] 3p on 2 leaves
- 1083 1824 May 27 Plan of One of the Ribs for South Gate [heavily annotated (by William Heard?)] Line drawing, 19 x 66cm Scale ½": 1'
- 1084 1824 Jul. 1 Copy [specification] Portsmo. Yard [to] Mr Stebbing/S Goodrich, [for hoses to be supplied by him] 1p
- 1085 1824 [Cartridge paper template (in three pieces) partly annotated (by William Heard?) and bearing 'The tenons were sett off from this mould']
- 1086 1824 Jul. 14 [Letter] Bridge St, B'friars [to S Goodrich]/M I Brunel, [introducing Mr Faraday FRS who is 'desirous of seeing the Dockyard with all that is most interesting in the various Departments'. Brunel himself is very busy preparing for his 'subterraneous operation']
- 1087 1824 Jul. 24 [Draft letter to Navy Board/Portsmouth Yard Officers] S Goodrich, J N, [re boring the well at the Yard by Thomas Clarke and his men] 3p on 2 leaves
- 1088 1824 Jul. 27 [Letter] London [to] S Goodrich, Mile End, Portsmouth/Alex. Wilson from Petersburg, 'Sending me a Sketch of Morton's Slip and mentioning about his proving Machine ordered of Murray' [of Leeds. This is probably patent no.4352 of 1819 Mar of Thomas Morton] 3p on 1 leaf
- 1089 1824 Aug. 27 [Letter] Gravel Lane, Blackfriars Road [to] Goodrich, Portsmouth/John Lloyd, [re] the Mixed Metal Penstock Screws which he has to cut 2p on 1 leaf
- 1090 1824 Aug. 28 [Letter to] S Goodrich/M Faraday, [being] Letter of thanks for attentions on his Visit and enclosing Mr Brunell's Letter of introduction [see /1086] 1p

- 1090 1824 [Notes and ink sketches re 'laying Small Cordage in the
a Sept./Oct. Rope house at Portsmouth from the Tarring [6hp] Engine'/S
Goodrich 4p on 2 leaves
- 1091 1824 [Draft report] Portsmouth Yard [to Navy Board/Officers] S
Sept. 13 Goodrich, J N, [re Boilers of the *Lightning*; question of
filtering coal tar, herring oil etc into fire] 5p on 2 leaves
- 1091 1824 [Annotated] Sketch for a Means of regular and perpetual
a Oct./Nov. resistance for trying the Power of any Motion/[S Goodrich.
Bears, on verso, ink sketch of 'Lamp belonging to Philos.
Society/S Goodrich] Ink sketch, 32 x 20.5cm
- 1092 1824 Oct. [Ink sketches re parts of dock gates/William Heard?] 1 sheet
1
- 1093 1824 Memoranda/[S Goodrich, made whilst] Preparing Lecture on
Oct.-Nov. Steam Engines. [Refers to 'Mr Bighton's Expt from
Desagulier', Dr Brewster's Blunder in Ency.Brit.' Bears
extract (with ink sketch) from Sir George Mackenzie's
'Travels in Ireland in 1810'] 8p on 4 leaves
- 1094 1824 Oct. Sketch Taken at the Portsea Canal Engine [of valves of
23 single engine/S Goodrich] Annotated ink sketch, 37 x 22.5cm
- 1095 1824 Nov. [Cartridge paper template (in two pieces) partly annotated
(by William Heard?) and bearing 'Mould for North Gate
Hanging Style']
- 1096 1824 Oct. [Record of events, costs etc re boring] Deep Well,
1 1825 Portsmouth Yard/[S Goodrich. Penultimate page bears copy
Jul. memo by Mr Heard referring to distance down to water on
22 Aug 1826] 31p on 12 leaves
- 1097 1824 Nov. [Letter] Steam Engine Manufactory, Leeds [to] S Goodrich,
21 Portsmouth Dock Yard/Mw Murray, [bearing comments on
his and other steam engines (of Perkins, Brown, Brunton,
Wilson)] 3p on 1 leaf
- 1098 1824 Nov. [Table re] Total Tonnage of Iron Old Wrot rec'd from Ships &
26 Services in 1821, 1822 & 1823 exclusive of Anchors ... Total
Issued to the Master Smith [and to the] Metal Mills 2p on 1
leaf
- 1099 1824 Dec. [Extracts re sale of old iron and contracts for same (with
Bunn, Millington, Crawshay, Guest) in years 1819-1824/S
Goodrich] 2p on 1 leaf
- 1100 1824 Dec. [Extracts re sale of old iron in years 1820-1824/S Goodrich]
2p on 1 leaf

- 1101 1824 Dec. Entrance into the North Dock/[William Heard?] Annotated ink & wash sketch, 32.5 x 53.5cm
- 1102 1824 Dec. 2 [Draft letter] Portsmouth Dock Yard [to] Sir Humphry Davy/S Goodrich, Giving an account of the Boats with Experimental Protectors [for copper sheathing] - Oysters on one Boat 4p on 1 leaf
- 1103 1824 Dec. 3 [Letter] Newbridge Works [to] S Goodrich, Portsmouth Dock Yard/Philip Thomas, [re] the Manufacture of Wrought Iron on Iron Bottoms etc [i.e. puddling] 3p on 1 leaf
- 1104 1824 Dec. 3 [Letter] London [to] S Goodrich, Portsmouth Dock Yard/H Davy, [re protection given to boats by copper sheathing. Bears note by Goodrich re Duke of Norfolk's yacht *Swallow*] 3p on 1 leaf
- 1105 1824 Dec. 16 An account of Iron & Copper Manufactured at the Metal Mills [from] Jul 1821 [to] June 1824 2p on 1 leaf
- 1106 1824 Dec. 16 [Letter] Portsea [to] S Goodrich, Portsmouth Dock Yard/Joseph Horn, [re] some difficulties in the Construction of Furnaces for Refining Copper. [Horn, copper refiner, has also had problems with Mr Vernon] 4p on 1 leaf
- 1107 1824 Dec. 18 [Draft report] Ports.Yd. [to Navy Board/Officers] S Goodrich, J N, [re cost of remanufacturing old iron] 10p on 5 leaves
- 1108 1824 Dec. 18 [Letter] Portsea [to] S Goodrich, Portsmouth Dockyard/Joseph Horn, [re construction of] Furnaces for Refining Copper, [and his further difficulties with Vernon] 3p on 1 leaf
- 1109 1824 Dec. 24 Mixed Metal Cup to receive the Pivot of the Hanging Style of the North Gate/[William Heard or S Goodrich?] Line drawing, 32.5 x 53.5cm
- 1109 1824 [Untitled ink/pencil sketches/S Goodrich] 4p on 2 leaves
a Aug./Oct.
- 1110 1825 [11 circulars, issued by Institution of Civil Engineers, re subjects for discussion. (There are two copies of the circular of 1834 Aug 12). With circular letter, 1833 Mar 9, Institution of Civil Engineers to S Goodrich, Portsmouth, G C Gibbon, secretary, re importance of 'original communications containing Drawings, and descriptions of works actively performed, or machinery constructed ...']
Jan.-1834 Aug.

- 1111 1825-1830 Extracts made from Original Comm[unicatio]ns to Institution of Civil Engineers, [with] list of same/S Goodrich, comprising]:
- John Gibbs on Mortar Bricks and Harbour Scouring
 - Brockedon on Lime
 - Bull on Lias Lime
 - Provis on Limestone of Hasfield in Gloucestershire
 - Field on ... the Gas Vacuum Engine
 - H H [Price] on a New Metallic Cement
 - H R Palmer on the resistance of Barges
 - Farey on the resistance of floating Bodies giving an approximating Rule for calculating Steam Vessels
 - Charles Atherton respecting Concrete
 - George Aitchison on the formation of Concrete Masses
 - [? re] Fire Proof Ceiling
 - Charles Atherton - On the best inclinations for Roads ...
 - George Bidder - On the resistance of a loaded Truck on the Stoneway of the Commercial Road
 - Perkins's Compo[sitio]n of Metal for his Metallic Piston
 - Telford, Iron Bridge over the Severn nr Tewksbury with a Tracing of the Bridge
 - Count Platen respecting Lime & Water Cements
 - Graving Dock at the New Harbour Dundee ... [Telford Engineer]
- [With] Twelve Pages ... respecting the Iron Bridge over the Larey by Mr Jas. M Rendel with a Tracing [dated 1827 Jan, scale 1":20'] of same Total 60p on 16 leaves + 2 tracings on 2 sheets
- 1112 [1825?] [Union for large extinguishing engine. Watermarked 1825] Line drawing, 32 x 20.5cm
- 1113 1825 Sketches of Ideas of Rotary Steam Engines/[S Goodrich] 5 sheets
- 1114 [1825?] Pivot of Mixed Metal [and] Hanging Style of South Gate, North Dock/[William Heard?] Annotated line drawing, 20 x 32cm Scale _":1'
- 1115 1825 [Draft letter to Navy Board/Portsmouth Yard Officers, re timber for dock gates] 4p on 2 leaves
- 1116 1825 [Notes re strength of dams in connection with dock gates/William Heard?] 3p on 1 leaf

- 1117 1825 Side view of One of the Hanging Styles for the South Dock Gates/[William Heard?] Annotated line drawing, 18 x 32.5cm Scale ¼":1'
- 1118 1825 [Cartridge paper template re] South Gate Hanging Style taken from the Old Gate. [Bears annotations (by William Heard?)]
- 1119 1825 Plan of Boiler of *Enterprize* Steam Vessel made of Copper all in one & put together on the Vessel/S Goodrich. [Bears untitled pencil sketch on verso] Annotated pencil drawing, 32.5 x 40cm
- 1120 1825 [Pencil sketches and drawings of] Boilers of the *Lightning*, [one] shewing the Refrigerator/Biggs the Engine man. [Annotated by Goodrich] 6 sheets + sheet of cartridge paper bearing 'Longitudinal View of the Boiler of the *Lightning* Steam Vessel' dated March]
- 1121 1825 [Notes and sketches/S Goodrich, re] Refrigerator applied by Messrs Maudslay to the *Lightning* Steam Vessel 5p on 2 leaves
- 1122 1825 [Printed advertising circular of] Thomas Clarke, well sinker and borer, opposite Marsh Lane, Tottenham. [Bears testimonial of Mar 30, re well sunk by Clarke at the Yard, by S Goodrich, Portsmouth Dock Yard] 1p
- 1123 1824 Dec. [Notes, calculations and sketches/S Goodrich, re] Proportions of Boiler of Society's Model and Barometrical Experiments therewith in 1824-1825. [Last page bears note of 1826 Oct 5] 8p on 3 leaves
- 1124 1825 Jan. [Letter] Portsea [to] S Goodrich, Portsmouth Dockyard/Joseph Horn, Copper Refiner, [re] the Refining Furnaces [and his ongoing problem with Vernon] 3p on 1 leaf
- 1125 1825 Jan. [Letter] HMS *Pelican*, Portsmouth Harbour [to] Jeremy Bentham, Queens Square Place, London/Taplin Calden, [seeking promotion as carpenter on a larger ship. Bears letter, Jan 31 to S Goodrich, Portsmouth Dock Yard/Jeremy Bentham, asking him to help if he can] 2p on 1 leaf
- 1126 1825 Feb. [Copy letter] Portsmd. Yard [to] J W Morton, Navy Office/S Goodrich, [re] a comparative Trial ... between Copper and Iron Boilers in Steam Vessels 3p on 1 leaf

- 1127 1825 Feb. [Draft letter to Navy Board/Portsmouth Yard Officers] S
14 Goodrich, J N, [re defects of boilers of the *Lightning*] 2p on 1
leaf
- 1128 1825 [----- as /1122 -----] 1p
- 1129 1825 Mar. [Draft report to Navy Board/S Goodrich, re method of Weeks,
3 assistant to the Master Shipwright at Chatham, of fitting
pumps for washing ships' decks] 4p on 1 leaf
- 1130 1825 Mar. [Draft report to Navy Board/Portsmouth Yard Officers] S
9 Goodrich, J N, [re two sheets of copper from bottom of the
Black Prince, one sheet being Portsmouth copper, one
being Mines Royal Company copper] 2p on 1 leaf
- 1131 1825 Mar. [Notes and calculations re ideas for locomotive engine/S
26 Goourich. Bears two rougq pencil sketches and short note of
1826 Sept 12] 4p on 1 leaf
- 1131 1825 Ideas and Sketches/[S Goodrich, qncluding rough pencil
a Mar.- sketch, 1825 Sept 10 for 'Detached Escapement'] 7p on 4
1826 Nov. leaves
- 1132 1825 Apr. [Table:] Statement of the Iron expe Stebbing took out a
7 patent (3363) re compasses in 1810 Jul] 3p on 1 leaf
- 1133 1825 Apr. [Copy Letter] Seward St [to] Navy Commissioners/John
7 Barton, [re] the patent Metallic piston he put in at
Portsmouth in the 30 Horse Engine. [Bears copy minute,
Navy Office, Apr 23 to the Surveyors/S Goodrich: he will
examine and report upon this piston] 2p on 1 leaf
- 1134 1825 Apr. [Draft letter] Navy Office [to] Navy Comm[issopner]s/S
12 Goodrich, [re remanufacturing old iron at Messrs Day's Iron
Works, Wandsworth] 1p
- 1135 1825 May Extract from the Minutes of th Committee of Visitation to
11 Ports[mout]h Oct 1823, [re] mode of manu[facturin]g
Cordage in the Kings [Rope] Yard, [and] Extract from the
Rep[or]t of the Com[mitt]ee of Visit[at]io[n] of 1817/[S
Goodrich] 4p on 1 leaf
- 1136 1825 May [Draft letter] Portsmouth Yard [to Navy Board]/S Goodrich
28 [pp. Yard Officers. Re] Form of Contract for the supply of
Firehearths. [With No. 1 and No. 2, both being 'Particular of
Articles comprising Firehearths and appertaining thereto for
... Ships with the Prices [for 1st to 6th rate, sloops and brigs.
See /1381 and /1465] 7p on 2 leaves + 2 sheets

- 1137 1825 Jun. [Draft letter] Ports. Yard [to Navy Board]/S Goodrich, [re boring well at the Yard by Thomas Clarke] 1p
2
- 1138 1825 Jun. [Cartridge paper template, in two pieces, re] Hanging Style of South Gate/ [William Heard or S Goodrich?]
14
- 1139 1825 Jun. [Table, notes, ink sketches/William Heard? and S Goodrich, re] Experiments made with one of the Chain Pumps on Board the *Minerva* Frigate in Portsmouth Harbour 3p on 1 leaf
16
- 1140 1825 Jun. [Letter] Hafod Copper Works [to] S Goodrich/John Vivian, [re] a rotative Machine for cutting Copper Sheets - & the Regale Copper 1p
24
- 1141 1825 Jun. [Draft report to Navy Board/Portsmouth Yard Officers] S Goodrich, T A, J N, [re Goodrich's suggestion for fitting winches on board ships for working chain pumps. Includes table re 'Number of revolutions of the Winches' in the experiments] 6p on 2 leaves
27
- 1142 1825 Aug. Jetty at Entrance to North Dock/[William Heard. Bears on verso 'Cast Iron Bearers for Jetties for Housing the North Dock Gates Sept 1825'] Line drawing with wash, 33 x 53.5cm Scale ~":1'
28
- 1143 1825 Aug. [Meeting style of dock gates/William Heard] Annotated line drawing with wash, 33 x 52.5cm
29
- 1144 1825 Aug. [Bill to] Navy Commissioners/John Lloyd, [for cartage of 'Wrought-Iron Standard' and cutting screw for same] 1p
30
- 1145 1825 Jul. [Draft report] Portsmouth Yard [to Navy Board/S Goodrich pp. Officers, re protected and unprotected copper sheets from bottom of *Manby*] 4p on 2 leaves
16
- 1146 1825 Aug. [Draft report to Navy Board/Portsmouth Yard Officers] S Goodrich, J N, [re state of copper on bottom of *Victor*; one side had copper of Grenfells, the other had Metal Mills copper] 2p on 1 leaf
27
- 1147 1825 Aug. Memo, Ports. Dock [to S Goodrich]/Thos. Atkinson for [Resident] Com [mission] r, [re] Apparatus for preventing the accumulation of Salt on the bottom of the Boilers of Steam Engine Vessels. [Goodrich is to sail to Milford Haven and back on the *Dreadnought*, accompanying and carrying out appropriate experiments on the *Lightning*] 2p on 1 leaf
30

- 1148 1825 [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua
Sept. 7 Field, [explaining 'the object of the water changing
apparatus and the manner in which it is effected on board
the *Lightning*'. [Bears copy specification re same, and notes
by Goodrich on verso referring to literature of Faraday
and of the Aikins] 8p on 4 leaves
- 1149 1825 [Tabulated statement:] Dimensions of the Docks in
Sept. 13 Portsmouth Dock 1805/[William Heard. Bears notes by S
Goodrich] 1 sheet
- 1150 1825 [Letter] London [to S Goodrich]/Joshua Field, [further to his
Sept. 14 letter of Sept 7 (/1148) re boiler blow-off apparatus on the
Enterprize] 1p
- 1151 1825 [Notes, line drawing, ink sketches/William Heard, re 'Lower
Sept. part of one of the Gates at the Angle on South East Dock in
21/Sept. the Basin'; 'Relative Strength of north Dock into Harbour
24 and angle Dock Gates'] 3p on 1 leaf
- 1152 1825 Copy [letter] Port sea [to] S Goodrich, Portsmo. Dock
Sept. 22 Yard/John Rannie, [being his tender re] Articles for the
Tarring Machine on Mr Parsons' Plan [see /1178] 1p
- 1153 1825 [Draft report to surveyors/S Goodrich, re metallic piston
Sept. 23 fitted by Barton to Portsmouth Yard engine] 2p on 1 leaf
- 1154 1825 [Draft report to Navy Board]/S Goodrich, [re Barton's pump]
Sept. 23 2p on 1 leaf
- 1155 1825 [Notes and ink sketches/William Heard, re] Scantlings of
Sept. 24 Timber for the Angle in South East Dock in Basin 2p on 1
leaf
- 1156 1825 [Draft letter] Portsmouth Yard [to] Resident Commissioner,
Sept. 26 Portsmouth Yard/[Officers] S Goodrich, Thos. Atkinson, J
Nolloth, ere building steam vessel for dredging 'the Harbour
of Port Lewis in the Isle of France' (Mauritius)] 2p on 1 leaf
- 1157 1825 [Letter] Horton Cottage, Colnbrook [to] S Goodrich,
Sept. 26- Portsmouth Dock Yard/Evan Evans, [re his supplying 'real'
Sept. 27 Windsor fire bricks and fire loam] 3p on 1 leaf
- 1158 1825 [Letter, postmarked Bury st Edmunds, to] S Goodrich,
Sept. 26 Friends Cottage, Mile End, Portsmouth/T Mayston, [his
sister, re the death of her only son and other news of family
and friends] 4p on 1 leaf

- 1159 1825 Sept. 27 [Annotated drawing/William Heard, re Angle Dock West Gate, bearing calculations on verso] Pencil drawing, 33 x 53cm Scale ~":1'
- 1160 1825 Sept. 30 [Notes and calculations/William Heard, re Angle Dock: 'Comparative Strength of the different Dock Gates ... ' Bears pencil drawing and ink sketches] 4p on 1 leaf
- 1161 1825 Oct. [Annotated drawing/William Heard, re curves for dock gates] Pencil drawing, 28.5 x 48.5cm Scale ~":1'
- 1162 1825 Oct. [Heavily annotated drawing/William Heard, re curves of dock gates. Bears calculations] Ink and pencil drawing, 31.5 x 41cm Scale 1":10'
- 1163 1825 Oct. [Sketch/William Heard, of] Part of one of the Hang[in]g Styles & Tenon of Lower Rail Ink sketch, 20 x 32cm
- 1164 1825 Sept. 30- Oct. 3 [Notes and ink sketches/William Heard, re] Relative Strength of North Dock into Harbour and North & Middle Docks into Basin [and] Strength of South Gates into Basin [etc] 3p on 1 leaf
- 1165 1825 Oct. 5 [Annotated drawing/William Heard, re] Hanging and Meeting Styles for the South Dock Gates into the Basin Line drawing, 31.5 x 20cm Scale \":1'
- 1166 1825 Oct. 6 [Notes, calculations and ink sketches/William Heard, re Angle Dock, rails for gates. with annotated line drawings, scale 1": 4 ' /William Heard, re 'Ribs for South Dock Gates'] 3p on 1 leaf + 1 sheet
- 1167 1825 Oct. 7-8 Copy [table] Portsmouth Yard: No.1 Dimensions of Straight Oak Timber wanted for the Styles of 4 Pair of Dock Gates communicating with the Basin/[William Heard. Bears line drawing, scale \": l' , of] Side view of One of the Hanging Styles for the South Dock Gates ... Copy [table] Portsmouth Yard: No.2 Sketches and Dimensions of the Compass or Curved Oak Timber wanted for the Rails of the 4 Pair of Dock Gates communicating with the Basin/William Heard [for Goodrich, 'absent on Service', countersigned by J Nolloth. Bears three line drawings, scale 1":4', of rails] 2 sheets
- 1168 1825 Oct. 8 [Drawing/William Heard, re proposed sweep of south dock gates] Pencil drawing, 20 x 32.5cm Scale 1":5'
- 1169 1825 Oct. 9 [Drawing/William Heard, re lower rails for south dock gates into basin. Bears pencil sketch and pencil drawings on

verso] Pencil drawing, 28 x 44cm

- 1170 1825 Oct. [Annotated] Drawings of the Ribs for the South, South East,
12 Middle and North Docks, communicating with the Basin/
[William Heard] Line drawings, 40 x 32.5cm Scale ~":1'
- 1171 1825 Oct. Memo[ran]dum by Mr Crawshay respecting Iron [for Navy
17 Board, being a specification] 3p on 1 leaf
- 1172 1825 Oct. Lower Ribs for the South Dock Gates ... / [William Heard]
17 Line drawings, 28.5 x 46.5cm Scale ~":1'
- 1173 1825 Oct. [----- as above -----] Line drawings/pencil
18 drawings, 20 x 43.5cm Scale ~":1'
- 1174 1825 Oct. Observations/[William Heard, re sketches of ribs and rails
24 for dock gates] 2p on 1 leaf
- 1175 1825 Oct. [Table giving dimensions of ribs and rails for south, south
25 east, middle and north dock gates/William Heard. Bears line
drawings, scale ~":1'] 1 sheet
- 1176 1825 [Draft] Travelling Account sent to Navy Board of Journies to
Milford & London/S Goodrich, Ports. Yard. [He journeyed to
Milford Haven, thence to] Copper & Iron Works in South
Wales and Copper Works and Mines in Cornwall [before
returning to Milford Haven] 4p on 1 leaf
- 1177 1825 Oct. [Notes and ink and pencil sketches/William Heard, re
31 closing of dock gates] 6p on 2 leaves
- 1178 1825 Oct. [Memorandum/S Goodrich, re] Articles to be provided by Mr
31 Rannie for the Tarring Machine on Mr Parsons' Plan [see
/1152] 2p on 1 leaf
- 1179 1825 Nov. [Memorandum/S Goodrich, re anchor shackle link in chain
cables. Bears ink sketches, and sketch of chain on verso] 1p
- 1180 1825 Nov. [Copy] memo [ran]dum from Mr Austin [to S Goodrich, re]
Mills & Hughes and Bough Digging Engine at Woolwich 2p
on 1 leaf
- 1181 1825 Nov. Dimensions of *Contest* Gun Brig – proposed for a digging
11 Engine/[S Goodrich] 1 slip
- 1182 1825 Nov. [Letter] Bridlington Quay [to] S Goodrich, Portsmouth Dock
28 Yard/David Mathews, [promising to return papers and plans,
and to report progress of Bridlington Harbour] 3p on 1 leaf

- 1183 1825 Dec. 8 Estimate of the expense of remanufacturing Old Iron at the Metal Mills/ [S Goodrich] 2p on 1 leaf
- 1184 1825 Dec. 13 [Letter] Bridlington Quay [to] S Goodrich, Portsmouth/David Mathews, [informing him of alterations to Bridlington Harbour. with lithograph 'Plan of Bridlington Harbour ... shewing a Propos'd Enlargement and Reparation of it by two new Piers of stone' (scale 1":2ch)/S Goodrich (see /723)] 3p on 1 leaf + 1 sheet
- 1185 1825 Dec. [Tabulated measurements and observations/William Heard, re] Experiments made 13 & 14 Dec with the New Gates at the North Dock into the Harbour when the water was let in ag[ains]t them 2p on 1 leaf
- 1186 1825 Dec. 23 Extracts about Expenses of Dredging/[S Goodrich. Refers to letters and reports 1821 Mar to 1825 Dec and Dredging Machine at Shoreham Harbour, Sir R Farquhar, Sir Laurie Cole (Governor of Mauritius). Bears memo of 1833 July 25/S Goodrich, re Rennie's 1826 estimate for a 'Ballast Heaving Machine'] 3p on 1 leaf
- 1187 1825 Dec. 26 [Letter] London [to] S Goodrich, Portsmouth/Joshua Field, [asking for information on the *Emulous*, and reporting 'very satisfactory accounts from Capt Johnston of the *Enterprize* from the Cape'] 3p on 1 leaf
- 1188 1826-1832 [Letters, notes etc re various problems in trigonometry, physics etc received by Goodrich]
- 1188/ 1826 Apr. 1 26 [Notes re] A Lathe Wheel worked by Treadle and Crank [and] A Lathe Wheel worked by a Treadle ... [and] ... Pulley/S Goodrich. [Bears line drawing of each, and note 'Mech Mag Vol 4 Page 210] 2p on 1 leaf
- 1188/ 1826 Nov. 2 6 [Table re] Calculated resistance on a sphere moving thro Water with a Velocity from 1 to 12 miles ... 1p
- 1188/ 1826 3 Expression for the Length of a link in Mr Goodrich's connecting chain/[C Blackburn?] 1p
- 1188/ 1826 4 [Notes re pulley system. Bears ink sketch] 1p
- 1188/ 1826 5 [Two trigonometrical problems/C Blackburn?] 2p on 2 leaves
- 1188/ 1828 6 [Notes re elasticity of a tube when filled with fluid/C Blackburn? Bears ink diagrams] 2p on 2 leaves

- 1188/ 1828 Apr. [Letter] Bishop Street [to] S Goodrich, Portsmouth Dock
7 12 Yard/C Blackburn, [re] a Barometer. [With particulars re
same, bearing line drawing/Blackburn, and notes and
comments, dated May 3, re same, bearing ink sketch/S
Goodrich] 1p + 1p + 3p on 1 leaf
- 1188/ 1829 Aug. Calculatio[n] by Mr Adams respecting Vel[oc]ity of falling
8 30 Bodies 1p
- 1188/ 1832 Jan. [Letter] Portsmouth [to] Editor, United Service Journal/C
9 14 Blackburn RNC, [re] the Problem of the Trisection of an
angle [and] a method lately proposed by Mr S Goodrich,
formerly of Portsmouth Dock Yard 3p on 1 leaf
- 1189 1826 [Annotated sketches:] Dimensions & Weights of pieces
composing Lt Smith's Lever Target 4p on 1 leaf
- 1190 [1826] [Copy] Estimate of Street's Bellows/[S Goodrich] 2p on 1 leaf
- 1191 1826 Dimensions of the Casks of Street's large Blowing Machines
at the Anchor Fires Ports[mou]th Smithery Ink sketches,
20.5 x 31.5cm
- 1192 1826 [Sketch of men working extinguishing engine/William Heard]
Pencil sketch, 19 x 23.5cm Scale ½":1'
- 1193 [1826] [----- as above -----] Pencil sketch, 18 x
23.5cm Scale ½":1'
- 1194 1826 Jun. An Estimate of Materials & Workmanship of two Rope Jacks
10 made by Mr Maudslay. [Bears note/S Goodrich, Portsmouth
Yard, re 'Abatement of 20 pr Cent'] 2p on 1 leaf
- 1195 1826 Sketches, [notes and calculations/S Goodrich,] of Woolf's
Engine at Mr Ellis's, Portsea 9p on 5 leaves + 3 sheets
- 1196 1826 [Particulars/S Goodrich, re two 60hp engines being made by
Mr Maudslay for the East India ship the *Enterprize* and
marine engines for other ships] 4p on 1 leaf
- 1197 1826 [Drawing/William Heard, re meeting styles of dock gates.
Bears pencil sketch and drawing and calculations on verso]
Pencil drawing, 28 x 43cm
- 1198 1826 Jan. Section of Lower Rail of South Dock Gates at the End next
18 the Meeting Style/[William Heard] Pencil drawing, 19.5 x
31cm

- 1199 1826 Jan. 24 Tenons for the Upper and Lower Rails, for the South Dock Gates into the Basin .../[William Heard] Line drawing with wash, 24 x 32cm
- 1200 1826 Feb. 2 Section of Ring, Ball and Socket/End View of the ring for the Socket [for extinguishing engine?/S Goodrich. Bears note 'Sketch not adopted ...', and note on verso re Stebbing's hoses] Line drawings, 53.5 x 65.5cm
- 1201 1826 Feb. 4 [Ball and socket joint (for fire engine?)/S Goodrich] Line drawings, 31.5 x 40.5cm
- 1202 1826 Feb. 4 [Draft report to Navy Board/Portsmouth Yard Officers] S Goodrich, J N, [re] Patent Rotary Pump [of] Messrs Hunt, Winch and Hunt. [Possibly patent no.5116 of 1825 Mar of Robert Winch] 3p on 1 leaf
- 1203 1826 Feb. 9 Refrigerator of the *African* Steam Vessel/[S Goodrich, bearing particulars on verso] Ink sketch, 31 x 20.5cm
- 1204 1826 Feb. 13 Copy [memo]/S Goodrich, [asking Mr Aylward for height of gates and sidings of rails and ribs so as to determine 'the Spacing of the Ribs for each Gate'] 1p
- 1205 1826 Feb. 13 Tenons for the Upper and Lower Rails of the South East, and South Dock Gate .../[William Heard (signed S Goodrich)] Line drawings, 49.5 x 32cm Scale 1":4"
- 1206 1826 Feb. 14 [South, south east and middle and north dock gates in basin/William Heard (signed S Goodrich)] Line drawings, 49 x 50.5cm Scale 1/2":1'
- 1207 1826 Mar. 17 [Draft letter] London [to] Navy Board/S Goodrich, [re] Ballast Heaving Engine to be sent out to Port Lewis in the Mauritius for ... cleaning out the Harbour; [Messrs Rennie are to make it. With 'Explanations from Mr Thompson, Mas[te]r of the *Ariadne*, Greenfield Place, Deptford, dated Mar 10, regarding the situation and problems at Port Lewis (4p on 1 leaf), and draft report, Mar 17, London, to Navy Board/S Goodrich, on the engine, the problems to be encountered, equipment and men to be sent out with it etc (13p on 7 leaves)] 3p on 1 leaf
- 1208 1826 Mar. 27 Copy [letter and memo] Deptford Yard [to] Sir George Grey/John Hodgskin, [re supply by Mr Bacon of Stourbridge Bullheads to Portsmouth, and doubting that Bacon can deliver Stourbridge Fire Bricks to Deptford 'at his Price compared with the Makers [Messrs Ruffards of Stourbridge] Price in London'] 2p on 1 leaf

- 1209 1826 Mar. 30 Copy Paper [to Navy] Commissioners/S Goodrich, [re] Spare Articles for the Steam Vessel going abroad [to Mauritius?] 3p on 2 leaves
- 1210 1826 May 10 [Union for 32oz copper pipe, 3" bore/S Goodrich] Ink drawing, 20 x 31.5cm
- 1211 1826 Jul. Particulars of the Smiths and Founders Bill for the 3 Double Engines [for] Street's Blowing Machines/[William Heard. Bears copious estimates by Goodrich re same] 4p on 1 leaf
- 1212 1826 Jul. [Ball and socket and union for pipe, showing screw joint/William Heard] Line drawings, 50.5 x 67.5cm Scale full size
- 1213 1826 Jul. 4 [Letter] Cornhill, London [to] S Goodrich/David Gordon, [re] proposed Paddle Wheel for S[team] B[oa]ts & Portable Gas Lamps. [Gordon took out two patents in 1819 June (no.4381) and 1824 April (no. 4940) for such lamps, and a patent (no. 4639) of 1822 Jan re paddle wheels] 2p on 1 leaf
- 1214 1826 Jul. 7 'Calculations [and notes] respecting my large Fire Engine'/S Goodrich 2p on 1 leaf
- 1215 1826 Jul. 12 [Draft report] Ports. Yard [to Navy Board/Officers]S Goodrich, J N, [re] substitute of Iron Pumps [for] Elm Hand Pumps 3p on 1 leaf
- 1216 1826 Jul. 13 [Nozzle and union for large extinguishing engine/S Goodrich] Annotated line drawing, 31.5 x 39.5cm Scale full size
- 1217 1826 Jul. 18-19 Memo[and]a [and calculations/S Goodrich, re] Mr Gurney's Steam Engine. [Probably Goldsworthy Gurney who took out his patent in 1825 May (no.5170) for an 'Apparatus for propelling carriages on common roads or railways'. Bears further note by Goodrich re his reporting verbally to the Admiralty Board on the engine] 4p on 1 leaf
- 1218 1826 Jul. 31 [Letter] Seward Street, Goswell Street [to] S Goodrich/John Barton, [re] his Metallic Piston being arrived and asking the dimensions of the Air Pump Bucket of the 30 Horse Engine 2p on 1 leaf
- 1219 1826 Aug. [Parts of extinguishing engine/William Heard] Line drawings, 20.5 x 31.5cm
- 1220 1826 Aug. [Letter to S Goodrich/John Chapender, Act. Engr. HMS

- 1 *Lightning*, requesting promotion to 1st Engineer. See /1234]
Wanting
- 1221 1826 Aug. [Letter] Derby [to] S Goodrich/Sir Sam'l Bentham, 'proposing
14 to come to see me'. Wonders whether 'I should shew myself
 in the dockyard where I may be suspected of evil designs']
 2p on 1 leaf
- 1222 1826 Aug. [Draft letter] Portsmouth Yard [to] Mr Barton/S Goodrich,
17 Sending him the dimensions [not present] of the Air Pump
 Bucket of 30H Eng[in]e 1st for a new metallic one 1p
- 1223 1826 [Notes and calculations/S Goodrich, re] Experiments with
Sept. 23- Locomotive Engine Model 6p on 3 leaves
Oct. 14
- 1224 1826 [Calculations, sent to S Goodrich/Mr Blackburn, of] the
Sept. 23 Additional pressure arising from the Expansion of the
 Steam, after the Valve is Shut 1p + attached slip
- 1225 1826 Oct. [Letter] Navy Office [to] S Goodrich/W Miller, Returning
2 drawings of suppling Boiler and asking particulars about
 [Yarn] Tarring Engine 2p on 1 leaf
- 1226 1826 Oct. [Draft] Lecture the 2nd [to Philosophical Society,
6 Portsmouth]/S Goodrich, 'cut out of my Lecture Book No.2',
 [re history of the steam engine. (Incomplete)] 8p on 4 leaves
- 1227 1826 Oct. Copy [report] Woolwich Yard [to] Navy Board/John Peake
17 [pp. Officers, re Barton's metallic piston tried in 14HP tilt
 engine in the Smithery at the Yard] 1p
- 1228 1826 Oct. [Letter] Society of Civil Engineers, Buckingham Street,
21 Adelphi [to] S Goodrich/William Rutt, secretary, [re] Manufac
 [tur]e of Plaster of Paris at Plym[ou]th 1p
- 1229 1826 Oct. [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua
21 Field, [re new 30HP engine with 4ft stroke] 4p on 1 leaf
- 1230 1840 Oct. 'Idea - It might be practicable to form a Rail Road under
26/28 Water or a considerable distance under ground, say across
 the Straights of Dover, or thro some ridge of Mountains
 ...'/[S Goodrich. Bears ink sketches, one being of 'Float for
 Harbours of Refuge'] 3p on 1 leaf
- 1231 1826 Nov [Draft report to Navy Board]/S Goodrich [pp. Portsmouth
6. Yard Officers, re state of copper on bottom of the
 Dartmouth] 2p on 1 leaf
- 1232 1826 Nov. [Draft report to Navy Board/S Goodrich pp. Portsmouth Yard

- 6 Officers, re state of copper on bottom of the *Arachne*
2p on 1 leaf
- 1233 1826 Nov. [Letter] Welbeck Street [to] S Goodrich, Portsmouth
7 Dockyard/S Bentham. [He hopes to visit Goodrich at the
Yard; is 'much in want of any cash'] 3p on 1 leaf
- 1233 1826 Nov. [Untitled ink sketch bearing, on verso, notes re Parsons'
a 8 Scuttle Lid/S Goodrich] 2p on 1 leaf
- 1234 1826 Nov. [Letter] Deptford [to] S Goodrich, Portsmouth Dock
8 Yard/John Chapender, Returning thanks for his appointment
as 1st Engineer of the *Lightning* [see /1220] 2p on 1 leaf
- 1235 1826 Nov. [Draft letter] Portsmouth Yard [to] Wil[lia]m Miller, Navy
9 Office/S Goodrich, [re] Steam Engine for Working the Tarring
Machine Hemp Beating etc at Plymouth 5p on 2 leaves
- 1236 1826 Nov. Calculation respecting the motion of the Earth round the
9 Sun investigating the Questions put to the Philosophical
Society/[S Goodrich. Bears pencil and ink sketches] 25p on 7
leaves
- 1237 1826 Nov. [Draft report] London [to] Navy Board/S Goodrich, [re] Mr
25 Barton's Piston etc. [With copy correspondence, 1826 Apr-
Nov, re same:]
- [Letter] Apr 25, Seward Street, Goswell Street [to] Navy
Comm[issioner]s/John Barton
- Minute, May 3, [Navy Board, to Woolwich Yard Officers]/J T,
R S
- Extract [of letter] May 11, Woolwich Yard [to Navy
Board]/H[enr]y Canham, John Peake
- [Précis of minute to J Barton/Navy Board]
- [Letter] Jul 29, Soho, Birmingham [to] Navy Board/Wm
Creighton pp. Boulton Watt & Co
- [Letter] Jul 25, Lambeth [to] Navy Com[missioner]s/Henry
Maudslay
- [Précis of minute to Mr Barton/Navy Board]
- [Letter] Nov 7, Seward St, Goswell St [to] Navy
Com[missioner]s/John Barton
- [Minute to Mr Barton/R P, R G, J N of Navy Board]
- [Letter] Seward Street, Goswell Street [to Navy
Board]/John Barton 4p on 1 leaf + 4p on 1 leaf
- 1238 1826 Nov. Abstract of Report on Mr Edwards Plan of working Pumps
30 on Bd the *Leven*/[S Goodrich. Joint report of Deptford Yard
and Woolwich Yard Officers: J Douglas, Wm Stone, Jas
Hillman, Thos Brown, O Lang, Alex Lowthian, John Peake, N
Tinmouth[?] Bears minute of Dec 7 of Portsmouth Yard

Officers R S, H R, R G, J N] 3p on 1 leaf

- 1239 1826 Nov. 30 [Letter] Gravel Lane, Blackfriars Road [to] S Goodrich/John Lloyd, [re] Metallic Piston put to the 12H Lead Mill Engine at Chatham. 'This was the Cement Mill Engine at Sheerness' 2p on 1 leaf
- 1239 1826 Dec. 6 a [Letter] Ports. Dock Yard [to] Wm Miller, [Navy Office]/S Goodrich, [re] Tarring Machinery etc for Plymouth 4p on 1 leaf
- 1239 1826 Dec. 6 b Plan for a Steam Engine, and Machinery for Tarring and Hemp beating for ... Plymouth/S Goodrich, Portsmouth Dock Yard Line drawing with wash, 31.5 x 40cm Scale ¼":1'
- 1240 1826 Dec. 20 [Letter] Stonehouse [to his son] James/Mr Adams Senr, [re] Plaster of Paris, Cement etc as manufactured at Ply[mou]th. [Incomplete] 2p on 1 leaf
- 1241 1826 Dec. 30 [Letter] Buckingham Street, Adelphi [to] S Goodrich/William Rutt, Returning thanks for the information about Cements, [and inviting his questions and his presence at meetings of the Institution of Civil Engineers] 1p
- 1242 [1827?] [Printed illustrated advertisement for] Refrigerators/[Robert] Wheeler, (Brewer), High Wycombe, Bucks. [Bears notes by Goodrich. Watermarked 1827. Wheeler took out patent (no.5565) in 1827 Nov] 2p on 1 leaf
- 1243 [1827?] [Minute to] Mr Vernon/S Goodrich, [requesting number and rates of men employed in iron cutting and iron rolling. Bears answer and calculations. Watermarked 1827] 2p on 1 leaf
- 1244 [1827?] [Lithographs of metallic pistons, showing the 'similarity of action' between those of Cartwright, those now made by John Hall and Sons on Cartwright's principle, and those of John Barton. Rev Edmund Cartwright's patent (no.2202) re steam engines was taken out in 1797 Nov, Barton's patent (no.4062) for pistons in 1816 Aug. Watermarked 1827] 2 plates
- 1245 1827 [Estimate for] Cast Iron Capstan Bollard if made by Contract. [Bears notes by Goodrich] 2p on 1 leaf
- 1246 [1827?] [Drawing of alternative nozzles for large extinguishing engine/S Goodrich] Line drawing, 18 x 20cm Scale full size
- 1247 {1827?} [Drawing of nozzle of Portsmouth Yard extinguishing

- engine/William Heard] Pencil drawing, 14 x 46cm Scale full size
- 1248 1827 [Drawing of] one of the Nozzles for Mr Goodrich's Fire Exting[uishin]g Engine/ [William Heard] Pencil drawing, 15 x 28cm Scale full size
- 1249 [1827] [Ink sketches and] Dimensions of the Work[in]g Barrels etc of one of the [Portsmouth] Yard Engines/[William Heard] 1p
- 1250 [1827] [Drawings of parts of fire extinguishing engine] Pencil drawings, 32 x 22.5cm
- 1251 [1827] Copy of a Drawing furnished to the Millwrights [of branch pipes and sockets of] Proposed Fire Extinguishing Engine/[William Heard] Line drawings, 51.5 x 66cm Scale ¼":1"
- 1252 [1827] [Drawings of end views and section of ring and ball and socket for large extinguishing engine/S Goodrich] Line drawings, part with wash, 33.5 x 52cm Scale full size
- 1253 [1827] [Sketches of axles of extinguishing engine] Pencil sketches, 31.5 x 80.5cm
- 1254 1827 Jan. Calculation [re] Steam reqd. to supply the Steam Cylinders of the *Lightning's* Engines & Coals consumed per Hour when at full work/Wm Heard 2p on 1 leaf
- 1255 1827 Jan. [Rough pencil sketches re ways of heating water for domestic bath/S Goodrich, London] 2p on 1 leaf
- 1256 1827 Jan. [Table of] Manufacturing Price of Engines & Boilers [of a Goldsworthy Gurney] 1p
- 1256 1827 Sketch of Boiler made by Mr Gurney 15 July 1826/[S Goodrich. Bears rough ink sketch on verso] Ink sketch, 11.5 x 18.5cm
- 1257 1827 Jan. [Draft report to Navy Board/Portsmouth Yard Officers] S 4 Goodrich, J N, [re pumps proposed by Lt Sicklemore. (Last page bears part of a different report)] 4p on 1 leaf
- 1258 1827 Jan. [Letter] Navy Office [to] S Goodrich/Mr G Smith, Secretary 13 [to] N[avy] Bd, [re Edmund Ground 'whom I had recommended for a 1st Engine Man', and the pressing need for 'four or five more Chief Engine Men'] 2p on 1 leaf
- 1259 1827 Jan. [Letter] Gravel Lane, Southwark [to] S Goodrich/Wm Dryden,

- 28 [re performance of steam engines] 2p on 1 leaf
- 1260 1827 Feb. 1 [Draft report] London [to Navy Board]/S Goodrich, [re Barton's metallic piston in use at the Thames Tunnel. Bears copy of letter, Jan 2-, Seward St, Goswell St, to Navy Commissioners/John Barton, re his 'improvements in Steam Engines' applied 'to that employed by Mr Brunel at the Thames Tunnel' and the consequent 'saving of about one half the consumption of coal'] 3p on 1 leaf
- 1261 1827 Jan. 19-Feb. 4 [Notes and calculations/S Goodrich, re Mr Gurney's Engine (at his Manufactory, Regent's Basin). Bear numerous ink sketches] 24p on 7 leaves + 2p on 1 sheet
- 1262 1827 Feb. 5 [Letter] Portsmo. Dock Yard [to] S Goodrich, [c/o] William Goodrich, High Street, White Chapel, London/Will[ia]m Heard, [re vacancy in the Yard owing to Hurley's departure; a trial of the 'Forcing Pump or Small Extinguish[in]g Fire Engine' of Capt Fisher (made by Pontifex); experiments with Mr Gurney's Boiler] 3p on 1 leaf
- 1263 1827 Feb. 6 [Draft report] London [to Navy Board]/S Goodrich, [re experiments] at Mr Gurney Manufactory [of] his Steam Engine and Boiler. [See GOOD C273] 11p on 5 leaves
- 1264 1827 Feb. 7 [Letter to] S Goodrich/Geo. Lewis, Applying for the Situation of Cabin Keeper to the Millwright's Shop 2p on 1 leaf
- 1265 1827 Mar. 19 [Copy letter to] Editor of **The Times**/an Injured Operative Sawyer, [re] Direful effects of Machinery as applied to supersede Sawing by hand in the Government Yards 4p on 1 leaf
- 1266 1827 Mar. [Cost sheet for repairing telescopes 1826 Oct 9 to 1827 Mar, examined on both dates by S Goodrich] 3p on 1 leaf
- 1267 1827 Mar. 26 [Drawings of] Ball and Socket Joint for Copper Suction Pipe for the Yard Engines/[William Heard. Two of three sheets endorsed 'S Goodrich'] Pencil drawings and line drawings, each sheet 40.5 x 32cm Scale full size
- 1268 1827 Mar. 31 [Draft report] Ports. Yard [to Navy Board/S Goodrich pp. Officers, re state of copper on bottom of *Wellesly*] 2p on 1 leaf
- 1269 1827 Apr. 11 [Letter] Evelyn Place, Deptford [to] S Goodrich/Fras. Chatfield, [re] his Model for a proposed imp[rovement] on Windlasses 2p on 1 leaf

- 1270 1827. May 15 [Draft letter] Portsmouth Yard [to] Mr Barton/S Goodrich, [re] the Metallic Packed Air Pump Bucket for the 1st 30H Eng[in]e 2p on 1 leaf
- 1271 1827 Apr. 20 [Drawing of] Copper Suction Pipe of the large Extin[guishin]g Engine [showing foot valve]/S Goodrich Line drawing, 32 x 20.5cm Scale full size
- 1272 1827. May 11 [Draft letter to Navy Board/S Goodrich, re trial of his extinguishing engine] 2p on 1 leaf
- 1273 1827. May 17 Drawing for Hose Screws/[William Heard] Line drawing, 32 x 20cm Scale full size
- 1274 1827. May 22 [Letter] Gloucester St, New Passage, nr Devonport [and] HM Steam Vessel *Meteor*, Hamoaze [to] S Goodrich/William Jenman, [applying for situation as 1st Engineer on the *Meteor*] 1p
- 1275 1827. May 22 [Letter] Howland Street, Fitzroy Square [to] S Goodrich/John Farey. [He gives his rules for the fly-wheels of engines and the diameter of engine crank necks. Asks for particulars of Boulton & Watt's steam boat with two 50hp engines, of the rolling mill at Hafod, and of the 30hp engine at Portsmouth Wood Mill, etc] 4p on 1 leaf
- 1276 1827. May 31 [Letter] Sydenham [to] S Goodrich/A Rivington, [enquiring about the health of her brother, Mr Blackburn] 2p on 1 leaf
- 1277 1827. May [Letter] London [to] S Goodrich, Portsmouth/Joshua Field, [asking his opinion re the calculation of pressure on a flat valve of small diameter] 3p on 1 leaf
- 1278 1827. Jun. 18 [Draft letter] Portsmouth Dock Yard [to] Mr Farey/S Goodrich, [sending particulars and drawings of *Meteor's* engines, Hafod Rolling Mill, etc] 2p on 1 leaf
- 1279 1827. Jun. 28 [Letter] Sydenham [to] S Goodrich/C Blackburn, [stating his intention of marriage, and other social news] 2p on 1 leaf
- 1280 1827. Jul. 4 [Letter] Lambeth [to] S Goodrich, Portsmouth/R[ichard?] Loring, [re error in price quoted for circular saws delivered to Portsmouth] 2p on 1 leaf
- 1281 1827. Jul. 7-14 Memoranda and Ideas relative to Portsea Water Works/S Goodrich, [bearing numerous ink sketches and a line drawing] 4p on 1 leaf + 2 sheets

- 1282 1827. Jul. [Copy report] Woolwich Yard [to Navy Board/[Copy report] Woolwich Yard [to Navy Board/Officers, re savings with Barton's metallic piston on the tilt hammer engine] 1p
10
- 1283 1827 Jul. [Letter] Manchester Street [to] S Goodrich/Sir Sam'l Bentham, [re his visit to Goodrich's home, sending a tea urn to Mrs Jones, enquiring about the Sheerness masses, etc] 2p on 1 leaf
14
- 1284/ 1827 Aug. [Draft] Memorandum, Portsmouth Yard/S Goodrich, [to] Comptroller of the Navy, Sir T B Martin, [re] Store of Old Copper [at the Yard] 4p on 1 leaf
1 4
- 1824/ - [Tables re] Stock of Copper in Store [1819 to 1827 Jun, and Copper Sheets for Roofs & Boiler Plates manufactured at the Metal Mills between Jul 1819 & Jun 1827. [Bears] Extract [made 22 Dec 1827/S Goodrich] from memo of 13 Aug 1819 3p on 1 leaf
2
- 1824/ 1819 Aug. [Draft] Memo, Portsmouth Yard/S Goodrich, [to] Comptroller of the Navy, Sir Thos. Byam Martin, [re] Stock of Copper Cakes and old Copper at this Yard 3p on 1 leaf
3 13
- 1285 1827 Aug. [Tabulated statement/William Heard, re] Experiments made at the Rigging House, Portsmouth Yard 6 Aug [re] Strength of 5 and 2½ Rope 1p
7
- 1286/ 1827 Aug. Memo/S Goodrich, re] Stourbridge Bricks and Potts [made at] Westwood Moores & Rider's Manufactory at Stourbridge and wharf No.10 Paddington 1p
1 18
- 1826/ [1827] [Printed trade circular of] Westwood, Moores, and Rider, Manufacturers of Glass Bottle, and Stone Ware, blue and brown melting pots, Stourbridge fire clay, fire brick etc, [giving prices of] Black-Lead Pots, Crucibles, Nests, Pots, Retorts 1p
2
- 1287 1827 [Letter] Navy Office [to S Goodrich]/E Gandy, [requesting his observations on enclosed copy extract of a letter. Bears notes by Goodrich re *Alarm* (in 1760s) on verso. With copy extract of letter (addressed to 'Royal Highness') re observations by Mr Williams on roasting copper ores to rid them of impurities, and trials of copper on ships' bottoms] 1p + 3p on 1 leaf
Sept. 10
- 1288 1827 Copy [letter] Portsmo. Yard [to] Sir T B Martin, Comptroller of the Navy/S Goodrich, [giving his observations on the
Sept. 19

- extract (see /1287). He covers the history of copper-bottoming ships by Owen Williams, W & C Grenfell & Co, Williams & Grenfell, Mines Royal Co and the Portsmouth Yard's remanufacture of cop- per] 8p on 2 leaves
- 1289 1827 Sept. 19 [Draft letter] Portsmouth Yard [to] Edwd Gandy/S Goodrich, [sending him his observations (/1288) on the extract, addressed to the Comptroller] 1p
- 1290 [1827] Sept. 21 [Letter to S Goodrich]/E Gandy, [asking if he has received from the Comptroller two reports on copper on the *Phoebe* and the *Pandora*]
1p
- 1291 [1827] Sept. 26 [Letter] Chatham [to] S Goodrich/E Gandy, [forwarding 'two returns about the Copper' which Sir Byam would like returned with observations] 1p
- 1292 1827 Oct. [Drawings/William Heard, re] Portsmouth Dock Yard Fire Extinguishing Engines Line drawings, 40.5 x 32cm Scale 1":1'
- 1293 1827 Oct. 1 [Copy letter] Portsmouth Yard [to] E Gandy/S Goodrich, [returning Plymouth Officers' reports of 1819 Feb 6 and Feb 13 on Williams's copper on the bottom of *Pandora*. He asks for their report on copper on *Phoebe*. He assumes Williams's copper was tried against C P Grenfell's. He adds that the Portsmouth Officers' report found Mushett and Vivian's experimental copper on the bottom of the *Maidstone* to be inferior to copper remanufactured at the Metal Mills]1p
- 1294 1827 Oct. 6 [Letter] Navy Office [to] S Goodrich/Wm Miller, [re price of Hadley & Co's 2½" hoses] 2p on 1 leaf
- 1295 1827 Oct. 8 [Letter] London Steel Works near Chelsea [to] S Goodrich, Portsmouth/Joseph Dyke, [giving prices for remanufacturing old iron of Messrs Johnsons & Co, Messrs Day and Portsmouth Dock Yard Iron Mill.
Bears note by Goodrich on last page]
4p on 1 leaf
- 1296 1827 Oct. 9 [Draft report to Navy Board/S Goodrich pp. Portsmouth Yard Officers, re a Syphon and Pump from Mr Sam'l Rothery. Bears pencil sketch on verso] 1p
- 1297 1827 Oct. 12 [Draft letter to Navy Board/S Goodrich, suggesting hoses for his large extinguishing engine be supplied by Messrs

- Hadley, Simpkin and Lott, Long Acre, London or by John Edwards] 2p on 1 leaf
- 1298 1827 Nov. [Letter] Paris [to] S Goodrich, Portsmouth/Baron Charles
1 Dupin, Introducing the Che[valie]r Hubert, [a shipbuilding engineer who is particularly interested in block-making machinery] 2p on 1 leaf
- 1298/ 1827 Nov. [Untitled pencil sketches/S Goodrich, bearing notes re
a 10 capstans (by William Heard?)] 4p on 2 leaves
- 1299 1827 Nov. Memo[randa re] Loco-Motive Engine Model made on the
11-Dec. occasion of preparing it for a Lecture before the
23 Ports[mou]th Philo[sophica]l Society/[S Goodrich. With
pencil sketch of same] 4p on 1 leaf + 1 sheet
- 1300 1827 Nov. [Idea for a Paddle-Wheel/S Goodrich, 'communicated to Mr
19 Heard'. Bears ink sketches] 2p on 1 leaf
- 1301 1827 Nov. [Letter] Navy Office [to S Goodrich]/E Gandy, [re reports and
20 Goodrich's observations on the subject of 'Copper on the
Phoebe'] 1p
- 1302 1827 Nov. [Letter] London [to] S Goodrich, Portsmouth/John Rennie,
21 Introducing Mr Hubert a French Engineer to see the dock
yard 1p
- 1303 1827 Nov. [Letter] Howland Street [to] S Goodrich/John Farey,
23 Returning Drawings and speaking of his Work on Steam
Engines just coming out: he has spent four months in
Boulogne during the summer completing it. He seeks
Goodrich's help in promoting it (he has spent seven years on
it but feels Dr Birkbeck's similar book may blunt the number
of copies sold)] 4p on 1 leaf
- 1304 1827 Dec. Estimates and other data relative to Medlen's Capstan [and
11 Phillips' Capstan/S Goodrich. Bears calculations and pencil
drawings and sketches] 6p on 2 leaves
- 1305 1827 Dec. An Account of Materials and expence of fitting a Frigates
Capstan on the plan of Thomas Medlen 2p on 1 leaf
- 1306 1827 Dec. A Comparison of Expence in Workmanship, Materials etc, in
fitting and fixing Medlands and Captn Phillips's patent
Capstan etc for a 42 Gun Frigate [and] A Statement of the
Value description etc of Iron Work furnish'd by the Smithery
independent of that serv'd in by Contract, in completing
Captn Phillips' Capstan. [Charles Phillips took out a patent

[no.4394] in 1819 Sept for capstans and another in 1827 June [no. 5505]] 3p on 1 leaf

- 1307 1827 Dec. 7 [Copy letter to] Principal Officers of HM Dock Yard Ports[mou]th/Thomas Medlen, [comparing his capstan with that of Capt Phillips. His is easier to clean and oil, and fewer bearings lessen the friction] 1p
- 1308 1827 Dec. 11 [Draft report] Portsmouth Yard [to] Resident Commissioner/S Goodrich [pp. Officers, re Medlen's capstan compared with that of Capt Phillips. With printed 'Directions for Using and keeping in good order Captain Phillips's Capstan' his 'Patent Single Capstan' and his 'Improved Double Capstan'] 10p on 5 leaves + 2p on 1 leaf
- 1309 1828 Apr. 7 [Copy minute] London [to Navy Board]/S Goodrich, [re 'Cups made of Tin for holding oil for the supply of Bearings'. Bears copy letters, 1827 Dec 21 and 1828 Mar 18, Seward Street, to Navy Commissioners/John Barton, re his 'Patent Lubricators' and his 'Patent Metallic Piston and ... various other improvements ... to Steam Engines' which he feels should now be fitted to HM steam vessels, and 1828 Mar 12, Woolwich Yard to Navy Board/Officers O Lang, J Peake, stating that Barton's Patent Lubricators have shown a saving of oil of a quarter] 2p on 1 leaf
- 1310 1827 Dec. 22 Statement about Copper/[S Goodrich, bearing draft report for the Navy Commissioners on 'the probable demands of Copper for Portsmouth Yard' (including 'An Account of ... Copper of all kinds now in hand in this Yard'), and 'another statement hich I drew out but did not forward in this form'] 4p on 1 leaf
- 1311 1827 Dec. 29 [Part of draft report to Navy Board/S Goodrich pp. Portsmouth Yard Officers, re Sir Thos. Hardy's chain bridle (see /1323). With heavily annotated line drawing and ink sketch re same/S Goodrich] 2p on 1 leaf + 2p on 1 leaf
- 1312 [1828-1830] Rough Sketches respecting Plymouth Engines & Pumps/[William Heard. Comprises line drawings, pencil drawings, ink and pencil sketches, copious notes and calculations; one page bears heading 'Mr Field's Estimate'; one ink sketch of 'Drain for long Shaft' is by Goodrich] 23 leaves
- 1313 1828 [Statement, for S Goodrich/H Vernon, re] Experiments for ascertaining the waste in melting old burnt Copper sheathing by Mr Rogers 4p on 1 leaf

- 1314 1828 [Draft] Memo[ran]dum/[S Goodrich, re] Quantity of Old and New Copper (or Cake Copper) used in ... 1826-1827 2p on 1 leaf
- 1315 [1828?] [Printed trade circular] Seward Street, Goswell Street/[John Barton, re his] Patent Metallic Piston. [Bears numerous endorsements, and extract from Lean's Monthly Report of Steam Engines ... in Cornwall for August 1826'] 3p on 1 leaf
- 1316 1829 Jan. [Minute to] S Goodrich/J Tucker, re quantity of copper received into store at Portsmouth to be remanufactured] 1p
- 1317 [1828?] 'Data & Ideas for my Lecture [to Portsmouth Philosophical Society] on Steam Engines'/[S Goodrich. One page bears ink sketch of a geyser. See /1334] 4p on 1 leaf
- 1318 1828 [Notes/S Goodrich, re] Consumption of Coals in Hall's Engine; Calculat[ion] regard[in]g Power of *Meteor's* Engines 1p
- 1319 1828 [Note 'from Mr Moreton': how] To apply Patent Felt to Steam Boilers [by covering] the surface with White Lead thick paint 1p
- 1320 1828 Observations made on Reporting on Evans' Letter about Steam Vessels/[S Goodrich] 3p on 1 leaf
- 1321 - [Tabular statement re] Machine for heaving down Ships for Bermuda: Materials. [Bears dates for Bermuda Nov 1828, Malta Mar 1829 and Jamaica July 1829, and note re cost on verso/William Heard] 2p on 1 leaf
- 1322 1827 Aug. 15-1828 Mar. 22 [Précis of] Papers [including endorsements] about Mr Barton's Met[all]ic Piston and Lubricators/S Goodrich 2p on 1 leaf
- 1323 1828 Jan. 1 [Draft report to Navy Board/S Goodrich pp. Portsmouth Yard Officers, re] Chain Bridles made at this yard according to the principle suggested by Rear Admiral Sir Thos. Hardy. [This is apparently a continuation of /1311] 2p on 1 leaf
- 1324 1828 Jan. 9 Extracts [1817 Apr 21-1818 July 4] about Lt Rodgers Syphon made on the occasion of report on Mr Rotherys/[S Goodrich] 2p on 1 leaf
- 1325 1828 Jan. 12 [Draft report] Portsmouth [to Navy Board]/S Goodrich [pp. Yard Officers, re trial of Rothery's siphon] 5p on 2 leaves

- 1326 1828 Jan. [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua
12 Field, [re ascertaining the power of steam engines. He
mentions another flood at the Thames Tunnel and how
'young Brunel ... had a narrow escape'] 3p on 1 leaf
- 1327 1828 Jan. [Notes for report to Navy Board on Rothery's siphon/S
14 Goodrich pp. Portsmouth Yard Officers. Refers to their
report of Jan 12 ([see /1325](#))] 1p
- 1328 1828 Jan. [Notes and calculations/William Heard, re] *Meteor* Steam
12-14 Vessel [to ascertain] Power of her Engines ... 67 Horse
Power each Engine 3p on 1 leaf
- 1329 1828 Jan. [Letter] Admiralty [to] S Goodrich/T Darch, [informing him
19 that 'you and your Establishment will not be disturbed'. [See](#)
/1333] 2p on 1 leaf
- 1330 1828 Jan. [Printed] Report of the Directors of the Thames Tunnel
29 Company to the Special Assembly of Proprietors ... It bears
report by M I Brunel on the accident of Jan 12 in the Tunnel
which resulted in the loss of six lives; financial statement by
William Smith, Chairman of the Company; resolutions of the
meeting. The report was mailed to J Nolloth, Portsmouth
Dock Yard] 3p on 1 leaf
- 1331 1828 Jan. [Draft report] Portsmouth Yard [to] Resident
20 Commiss[ioner], [Portsmouth Yard]/S Goodrich, [re] the
Power of the *Meteor's* Engines ... These were made by
Boulton & Watt. [Bears notes by Goodrich dated 6 Feb 1834]
7p on 2 leaves
- 1332 1828 Jan. [Report/William Heard, re] *Carron* Steam Vessel, towing the
30 *Melville* of 74 Guns, out of the Harbour to Spithead ... [Bears
calculations by Goodrich on verso] 2p on 1 leaf
- 1333 1828 Jan. [Letter] Navy Office [to] S Goodrich/H Rogers, [re and
31 bearing copy of minute of J Barrow, Admiralty of Jan 19 to
the effect that the office of Mechanist and his clerk at
Portsmouth would not at present be altered. [See](#) /1329] 1p
- 1334 1828 Jan. 'Notes and observations prepared for my 3rd Lecture [to
31 Portsmouth Philosophical Society] on Steam Engines'/[S
Goodrich. Refers favourably to Farey's book ('A Treatise on
the Steam Engine ...' 1827). Includes two pages on geysers
([see /1317](#)) and a list of drawings for use in the lecture] 14p
on 5 leaves

- 1334 1828 Feb, [Untitled pencil sketch/S Goodrich, bearing calculations] 1p
a 19
- 1335 1828 Feb. Examination respecting reports on Mr Williams' Copper
20 transferred from *Phoebe* to *Pandora*. [Includes extracts
from Plymouth Officers' reports of 1815 Jan 3, 1817 May 3,
1819 Feb 6] 2p on 1 leaf
- 1336 1828 Feb. Copy [letter] Portsmo. Yard [to] Sir T B Martin, Comptroller
23 of the Navy/S Goodrich, [being his] second Rept. about Mr
Williams' Copper on *Phoebe* and *Pandora*. [He concludes
that Portsmouth remanufactured copper is in no way
inferior to that of Messrs Grenfell, Messrs Vivian or Messrs
Shears] 8p on 2 leaves
- 1337 1828 Feb. [Précis of letter] Ports. Yard [to] Mr Gandy/S Goodrich, [re]
23 Mr Williams' Copper on *Phoebe* and *Pandora*
- 1338 1828 Feb. [Draft letter] Portsmouth Yard [to] E Gandy/S Goodrich,
26 [correcting the mistake in his letter of Feb 23 to Sir Byam
Martin regarding the loss of weight in copper sheets of Mr
Williams on the *Pandora*] 3p on 1 leaf
- 1339 1828 Mar. [Copy minute, Navy Office, to] George Smith, Secretary of the
11 Navy/J T, R S. [Having seen Mr Frost they believe Goodrich
should examine his engine at Greenhithe. Bears copy letter,
Mar 2, Bankside, Southwark to Navy Commissioners/James
Frost, re his 'important improvement in the Marine Steam
Engines in use ...'] 1p
- 1340 1828 Mar. [Draft report] Portsmouth Yard [to Navy Board]/S Goodrich
5 [pp. Officers, re Barton's metallic piston tried in 30hp engine
at the Yard] 4p on 1 leaf
- 1341 1828 Mar. [Letter] Plymouth [to] S Goodrich/Henry White, Returning
16 thanks for being recommended as a 1st Enginemen [on the
Confiance] 2p on 1 leaf
- 1342 1828 [Notes, calculations and ink sketches/S Goodrich, being
Mar./182 indicator diagrams of the 30hp engine at Wood Mills. (Pages
9 Nov. numbered 5-7)] 3p on 1 leaf
- 1343 1828 Mar. [Notes and calculations/S Goodrich, re] Mr Frost's Steam
27-29 Engine 5p on 2 leaves
- 1344 1828 Mar. [Draft report] London [to Navy Board]/S Goodrich, [re Mr
31 Frost's Steam Engine which he has examined at Greenhithe]
4p on 1 leaf

- 1345 1828 Apr. 2 [Draft report] Navy Office [to Navy Board]/S Goodrich, [re] Dr Mathews Paddles 2p on 1 leaf
- 1346 1828 Apr. 2 [Draft report] London [to] Sir Byam Martin, Comptroller of the Navy/S Goodrich, [re the copper coin he has inspected at the Mint. Bears copy letter, Mar 21, Mint Office to Sir B Martin/J W Morrison, offering 112 tons of copper coin 'for the Service of the Navy', and copy minute to Goodrich/Martin, asking him to report on same] 5p on 2 leaves
- 1347 1828 Apr. 9 [Draft report] London [to] Navy Board/S Goodrich, [re comparisons of Barton's metallic piston packing with hemp packing] 6p on 2 leaves
- 1348 1828 Apr. 10 An Account, Portsmouth Yard, [to] R[esident] C[ommissioner]/J N, W H for S Goodrich, shewing the Expense of all the Copper Boilers made at this Yard for the two 30 Horse Steam Engines at the Wool Mills, and the 50 Horse Steam Engine at the Metal Mills 1p
- 1349 1828 Apr. 14 [Draft report] London [to] Navy Board/S Goodrich, [re Harsleben's Paddle Wheel. Charles Harsleben took out three patents in 1826, 1828 and 1838 re propelling ships etc] 4p on 1 leaf
- 1350 1828 May 10 Report, Perran Wharf near Truro [to] Editor of the **Cornish Gazette**/Wm J Henwood, [re] the duty of Wilson's Engine at Huel Towan Mine in Cornwall at a trial made by Cornish Engineers & Mine Agents, 1828 May 6 & 7 4p on 1 leaf
- 1351 1828 May 13 Copy [letter] Victualling Yard, Deptford [to] Commissioner Hill/Henry Emery, Master Miller, [re] the most advantageous part of the Mill to have the Dressing Machines 1p
- 1352 1828 Jun. 28 [Letter] Navy Office [to] S Goodrich/H Rogers, [re accounts of copper sheathing and bolts 1826-27] 2p on 1 leaf
- 1353 1828 Jun. 30 [Letter] Navy Office [to] S Goodrich/H Rogers, [re the account (for copper in 1826-27?) which is to go forward to the Committee of Finance] 1p
- 1354 1828 Jul. 1 [Notes and table] Navy Office/S Goodrich, [for account of copper sheathing and bolts, 1826-27, for House of Commons Committee on Finance] 1p
- 1355 1828 Jul. 2 [Letter] Navy Office [to] S Goodrich/H Rogers, [re difference in cost of remanufactured iron at Woolwich and Portsmouth

- Yards. Goodrich is to go to Woolwich to investigate the high expense there] 2p on 1 leaf
- 1356 1828 Jul. 2 [Rough tabulated statement/S Goodrich, re iron rolled and old iron remanufactured at six dock yards, 1826-27] 1p
- 1357 1828 Jul. 7-8 Expenses of Rolling Iron at Woolwich/[S Goodrich. Gives weight of 'Iron rolled in the Years 1826 & 1827' and of 'Old Iron used to Manufacture such Iron', and costs] 2p on 1 leaf
- 1358 1828 Jul. 4-8 [Notes, calculations, costs etc/S Goodrich, re] Expense of Manufacturing Iron at Woolwich. [Bears data given by Mr Venning, the yard's Master Smith; draft letter, Jul 8, London to Navy Board/S Goodrich, re same, concluding that the difference in cost between Woolwich and Portsmouth is due to the latter operating on a much larger scale night and day; account, Jul 7, Woolwich Yard/O Lang, John Peake, S Goodrich, showing changes from report of Jul 1 re cost of manufacturing iron at Woolwich in 1826-27] 32p on 9 leaves
- 1359 1828 Jul. 14 [Letter] Manchester Street [to] S Goodrich/Sir Sam'l Bentham, 'Introducing a French Gent[leman] and talking of coming to see me'. [The Frenchman is 'Master of the Mint' but is particularly interested in block machinery] 2p on 1 leaf
- 1360 1828 Jul. 28 [Printed circular/Messrs Brown, Logan & Co, Liverpool, re experiments made by the Sterling Company, New York on 'Peru Iron', compared with their own] 1p
- 1361 1828 Sept. [Printed] Reports of Experiments made on board HMS *Windsor Castle* in ... Aug and Sept 1828 To prove the advantages of Lt Green's Plan, For the purpose of Fidding and Unfidding the Upper Masts of Ships etc 3p on 1 leaf
- 1362 1828 Aug. 15 [Draft letter to Navy Board]/S Goodrich, [re Woolwich Yard rate of wages for iron rolled in 1826-27] 6p on 3 leaves
- 1362 a 1828 Aug. 24 [Memorandum re water converted to steam/S Goodrich. Bears pencil sketches of boilers and boiler pipes] 4p on 1 leaf
- 1363 1828 Aug. 22 [Opinion/S Goodrich, re width of paddle wheels of the *Dee*] 7p on 2 leaves
- 1364 1828 Aug. 26 [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua Field, [re] proportions of Paddle Wheels, and of those of the *Dee* and *Queen of Scotland* Steamers 3p on 1 leaf
- 1365 1828 Aug. [Draft report] Friends Cottage, Mile End near Portsmouth [to

- 31 Navy Board]/S Goodrich, [on the qualifications of Pharaoh Tillet as an engineer on a vessel to go overseas. Despite little education he has impressive practical experience. Bears note of 1834 Feb 6/S Goodrich, re his intention of compiling a manual for engineers and officers on steam vessels] 7p on 2 leaves
- 1366 1828 [Letter] Navy Office [to] S Goodrich/H Rogers, 'Mentioning a SDept. 3 Mr Davidoff whom Gen'l Bentham recommends to my attention'. [A Russian, he is visiting Woolwich and Portsmouth dock yards] 2p on 1 leaf
- 1367 1828 [Letter] Upper Gloster Place, Kings Road, Chelsea [to] S Sept. 5 Goodrich, Portsmouth Dock Yard/Wm Rodger, [re] his new Anchor composed of Wood and Iron 5p on 2 leaves
- 1368 1828 [Draft report to Navy Board]/S Goodrich [pp. Portsmouth Sept. 4 Yard Officers, re 'the Capstan made at this Yard on the suggestion of Thos. Medlen'] 5p on 2 leaves
- 1369 1828 [Memorandum] Ports. Yard/S Goodrich, [being an addition to Sept. 13 his memo to Sir Byam Martin of 1827 Dec 27 re average of old copper received over five years] 2p on 1 leaf
- 1370 1828 [Draft letter to Navy Board]/S Goodrich pp. Portsmouth Yard Sept. 25 Officers, re two of Thomas Medlen's capstans made and fitted to the *Rose* sloop and *Maidstone* frigate] 2p on 1 leaf
- 1371 1828 Design for 80HP. Memoranda & Calculations/[S Goodrich, re Sept. 27 pistons] 1p
- 1372 1928 Oct. [Notes and ink sketch/S Goodrich, following his examination 2 of the] Boilers of the *Brunswick* S.V. 2p on 1 leaf
- 1373 1828 Oct. [Draft letter to Navy Board]/S Goodrich, [re] how frequently 3 the Chimney of a Steam Vessel must be swept 2p on 1 leaf
- 1374 1828 Oct. Copy [letter to] Editor of the **Repertory of Patent 20 Inventions**/S Goodrich, [re] Mr Tredgold's Errors about Rotary Pistons in Steam Engines. [With notes and calculations re same/S Goodrich] 4p on 1 leaf + 5p on 2 leaves
- 1375 1828 Oct. [Letter] Lambeth [to] S Goodrich/Joshua Field. He is coming 22 to Portsmouth to meet the Comptroller Sir Byam Martin 1p
- 1375 1828 Oct. [Untitled pencil sketch/S Goodrich] 1p
a 27
- 1376 1828 Oct. [Requisition]/W Kingston, [for lengths of suction hose. Bears

- 30 notes by Goodrich, and note by him on verso, supposing they were 'required for Rogers Syphon'] 1 slip
- 1377 1828 Nov. [Draft report to Navy Board]/S Goodrich [pp. Portsmouth
13 Yard Officers, re copper sheathing from *Briton* frigate] 4p on
1 leaf
- 1378 1828 Nov. [Letter] Woolwich Yard [to] S Goodrich/O Lang, Thanking him
13 for the loan of the Drawings of the Floating Dam. [He asks
for three or four dowelling machines] 2p on 1 leaf
- 1379 1828 Nov. [Letter] HM Steam Vessel *Meteor*, Deptford [to S
26 Goodrich]/Thomas Palmer Baker [and] Thos. Wm. Curtis [of
Meteor, and] James Thorn [of *Lightning*], Apprentices in
Steam Vessels Engines asking to be employed part of their
time in the Millwright department [at Portsmouth] Dk. Yd.
[so as to improve themselves] 1p
- 1380 1828 Dec. [Notes/S Goodrich, re] Firehearths 4p on 1 leaf
- 1381 1828 Dec. [Draft report/S Goodrich pp. Portsmouth Yard Officers, on
5 estimates for firehearths marked 1 and 2. See /1136 and
/1465] 4p on 1 leaf
- 1382 1828 Dec. [Annotated drawing of] Splash Boards for the Harbour Dock
23 Gates/[William Heard] Pencil drawing, 20 x 32cm
- 1383 1828 Dec. Sketch for a Cast Iron Frame for the New Boiler for the 6
26 Horse Steam Engine at the Tarring House Portsmouth
Yard/[William Heard] Line drawings, 32 x 40cm Scale 1":1'
- 1384 1828 Dec. [Letter] Westminster [to] S Goodrich, Portsmouth/Joseph
27 Dyke, [re average waste per ton of scrap iron
remanufactured] 2p on 1 leaf
- 1385 [1829?] [Copy letter to Navy Board]/J Kirk, [re] casing Cast Iron
Canon Shot with Lead to prevent windage 2p on 1 leaf
- 1386 [1829?] [Drawing of firehearth of James Fraser & Co, Houndsditch.
Built to his patent, no. 4706, of 1822 Sept 27] Line drawing
with wash, 22.5 x 17.5cm
- 1387 1829 Copy of Mr Rannie's Bill for apparatus for the Chatham
Tarring Machine/[S Goodrich. Bears footnote of 1831 Nov 3,
and ink sketch] 1p
- 1388 1829 Estimate for supplying HM Dock Yard Portsmouth with ...
Machinery for working a Tarring Machine preparing for

Chatham Yard/John Rannie, Millwright, Portsea 1p

- 1389 1829 [Advertisement re 'improved fire engine with metallic pistons and valves' of] Hadley Simpkin and Lott, Long Acre, London. [Bears text and three illustrations and, on verso, list of some 'insurance companies who use Hadley, Simpkin, & Lott's Patent Fire Engines'] Lithograph, 42.5 x 26.5cm
- 1390 [1829] [Flyer, of publisher John] Murray, Albemarle Street and the Editor, Chatham Place, Blackfriars [of] Part I of Records of Mining, edited by John Taylor FRS FGS [giving details of contents] 1p
- 1391 [1829] Engine Rooms of the *Hermes & Messenger* Steam Vessels; [ink sketches and notes re same/S Goodrich] 2p on 1 leaf + 4p on 2 leaves
- 1392 1829 [Ink sketches of] Boilers of the *Meteor* of Copper Procured at Plymouth 4p on 2 leaves
- 1393 1829 Jan. 15 An Account [for] Joseph Tucker, Surveyor of the Navy/S Goodrich, Portsmouth Yard, of the quantity of Old & Cake Copper in Store on the 30 June 1814, the quantity which has been received into Store to be manufactured between 1 July 1814 and 31 Dec 1828, and of what remained in Store on 31 Dec 1828 1p
- 1394 1829 Jan. 17 Draft report] Po[rtsmouth] Yd. [to Navy Board]/S Goodrich [pp. Officers, re method of testing cordage and machine 'upon the Steelyard principle' used at Portsmouth Yard] 2p on 1 leaf
- 1395 1829 Jan. 24 [Draft report] Portsmo. Yard [to] Resident Commissioner/S Goodrich, J Nolloth, [re experimental copper sheathing on *Galatea* from Messrs Grenfell, Messrs Shears and from Portsmouth] 3p on 1 leaf
- 1396 1829 Jan. 24 [Letter] Admiralty [to] S Goodrich/[pp.] Sir George Clarke, Introducing Sir George Mackenzie to see [Portsmouth] Dk.Yd. 1p
- 1397 1829 Jan. 29 Copy [letter] London [to] S Goodrich/Joshua Field, [re] arrangement of the 2nd New 30H Engine [at the Wood Mills] 3p on 1 leaf
- 1398 1829 Feb. [Estimate] For the Machinery for Paddling the *Galatea*/W Kingston. [Bears additional figures by Goodrich] 1 slip

- 1399 1829 Feb. [Goodrich's fire extinguishing engine. Bears notes and
1 calculations by W Heard and S Goodrich] Line drawings, 40.5
x 31.5cm Scale 1":1'
- 1400 1829 Feb. [Letter] Lambeth [to] S Goodrich, Portsmouth/Rchd. Young,
12 [re price of tin, zinc and sal ammoniac; refers to Mr Field's
estimate for 'Steam Engine the 2nd of 30H and Boiler
House'] 2p on 1 leaf
- 1401 1829 Feb. Mem[orand]a [to] Mr Inkpen/Commissioner J H, [including
16 copy letter, Feb 10, Stamford Street/George & John Rennie,
re 'Power of the Mill at Deptford'] 3p on 1 leaf
- 1402 1829 Feb. [Draft report] Portsmouth Yard [to Navy Board]/S Goodrich
20 [pp. Officers, re] Capstan invented by Gen'l Betancour of the
Russian Service. [It is similar to that of Thomas Medlen,
Portsmouth Yard millwright] 4p on 1 leaf
- 1403 1829 Mar. [Draft report] Portsmouth Yard [to Navy Board]/S Goodrich
3 [pp. Officers, re paddle wheel of Lt.Col. More? of the Royal
Staff Corps] 3p on 1 leaf
- 1404 1829 Mar. [Letter] Soho Birm[ingha]m [to] S Goodrich, Portsmouth/Wm
6 Creighton for Boulton Watt & Co, Asking particulars about
the Fly Wheel Shaft of 30H Engine the First [made in 1800.
Bears ink sketch by Goodrich and his draft reply of Mar 14]
2p on 1 leaf
- 1405 1829 Mar. Extracts from Farey [A Treatise on the Steam Engine ...
8 1827] relative to the Albion Mills 1786 & 1789/S Goodrich 4p
on 1 leaf
- 1406 1829 Mar. Explanation and observations by the Engineer and
9 Mechanist relative to the large Extinguishing Engine
constructed under his direction/[S Goodrich] 11p on 10
leaves
- 1407 1829 Mar. [Notes re four] Experiments with Mr Goodrich Fire Engine
11 against Noble's large Fire Engine. 'Noble's Engine was
taken out of the Boat on this occasion'/[William Heard. With
postscript of Mar 12/S Goodrich] 2p on 2 leaves
- 1408 1829 Mar. [Letter] Navy Office [to] S Goodrich/Geo. L Taylor, 'Asking for
16 a Sketch of the Mast Hoop Heating House which I contrived'
1p
- 1409 1829 Mar. [Copy letter] Portsmo. Yard [to] Resident Commissioner
17 [Portsmouth Yard]/S Goodrich, [giving suggestions for
improving fire extinguishing engines for the Service] 4p on 1

leaf

- 1410 1829 Mar. 27 [Notes and calculations re trial of Newcastle coal and Welsh coal at Victualling Mill, Deptford Yard/S Goodrich (and ?)] 4p on 1 leaf
- 1411 1829 Mar. 28/Apr. 7 Data and Calculation[s re] Deptford Vic[tuallin]g Mill ... on the occasion of S G's examination/[S Goodrich (and ?)] 8p on 2 leaves
- 1412 1829 Mar. 30 'Calculations relative to my examination of the Victualling Steam Flour Mill at Deptford'/[S Goodrich], White Chapel. [Bears ink sketch] 4p on 1 leaf
- 1413 1829 Mar. 30 [Notes and calculations re trials of coals at Deptford Victualling Mill. One page headed 'Llangennech Coals'/S Goodrich (and ?)] 4p on 1 leaf
- 1414 1829 Mar. 31 [Copy letter] Upnor, Rochester [to] J W Croker/C Phillips. [His 'improved Capstan fitted on ... *Seringapatam* is completed and ready to undergo any trial'. He suggests it could face the same trial as the capstan of Mr Whitmarsh's on the *Curaçao*] 2p on 1 leaf
- 1415 1829 Mar. 31 Copy [letter] Arbour Terrace, Commercial Road [to] Secretary, [Navy Board]/J Udney, [re his] Patent Steam Engine and Boiler. [Bears copy minute, Apr 7, Navy Office re need for Goodrich to report on it/R S, H L, R G M (see /1440); and draft report and ink sketch, Apr 12, to Navy Board/S Goodrich. John Udney took out a patent (no.5757) re steam engine in 1829 Jan] 4p on 1 leaf
- 1416 1829 [Apr.] [Notes and calculations re] Examination of the Victualling Corn Mill at Deptford in 1829 [with letters from Mr Heard, Mr Farey, Mr Drewry (not present). Bears pencil sketches. With ink sketch of clutch boxes] 4p on 1 leaf + 1 slip
- 1417 1829 Apr. 16 [Draft report to Navy Board/Portsmouth Yard Officers] S Goodrich, J N[olloth], W H[ear, re] Captn Phillips Capstan 4p on 1 leaf
- 1418 1829 Apr. 8 [Draft report] London [to Navy Board]/S Goodrich, [re] the Engines and ... Machinery of the new Flour Mill just completed by Messrs George and John Rennie for the Victualling Department at Deptford 11p on 3 leaves
- 1419 1829 Apr. Copy [letters] Apr 10/15, Leicester Square [to] Navy Commissioners/Lt.Col. J D'Arcy, late Royal Artillery. [As

executor of the state of the late Charles Broderip, he is anxious to effect his wish that his country should benefit from his inventions. Copy letter, Apr 10, bears copy letter of 1820 Dec 5 to C Broderip/Capt. Geo. Harris, HMS *Hussar*; copy letter of Apr 15 bears long note by D'Arcy re 'Some of the properties of Mr Broderip's Marine Steam Engines briefly explained'. Broderip took our four patents between 1811 and 1821, including no.3506 (of 1811 Nov) and 4622 (of 1821 Dec), re steam engines] 7p on 2 leaves

- 1420 1829 Apr. [Annotated drawing showing faults in Bensham seam],
11 Jarrow Colliery/R Coxon Line drawing, 24.5 x 78.5cm Scale
_":1yd
- 1421 1829 Apr. [Letter] Portsmo. Yard [to] S Goodrich [c/o] Wm Goodrich,
13 White Chapel, London/Wm Heard, [re mill for Victualling
Department at Deptford. Bears other Yard news, and copy
memo, Mar 6, Portsmouth Dock/Michael Seymour, re
Goodrich's brief concerning inspecting the Mill's machinery
and engines and whether it can be received from Messrs
Rennie] 3p on 1 leaf
- 1422 1829 Apr. [Copy letter re cost of 'making the Cast Iron Pump on Capt
22 Phillips Plan, for the *Warspite*'] 1p
- 1423 1829 Apr. [Letter] Howland Street [to] S Goodrich/Charles S Drewry,
23 [re] performance of a 30 horse engine (Boulton & Watt) at
Bromley in Essex [which is similar to that] at the Wood Mill
at Portsmouth. [Mr Farey wishes to see the new corn mill at
Depftord] 2p on 1 leaf
- 1424 1829 Apr. Calculations about Mr Broderip Engines/[S Goodrich] 5p on 2
23-25 leaves
- 1425 1829 Apr. [Draft report] London [to] Sir Byam Martin, Comptroller of
24 the Navy/S Goodrich, [re] the propositions of the late Charles
Broderip relative to Steam Machinery for the purposes of
Navigation as referred to by Lt.Col. D'Arcy in his Letters of
10 and 15 inst [see /1419. Refers to 'new Patent dated June
1828 ... not yet enrolled'] 3p on 1 leaf
- 1426 1829 Apr. Captn. Ross Vessel the *Victory* as traced by Mr Fearnall's
25 Draftsman. [Section] Ink sketch (from tracing), 37.5 x 26cm
- 1427 1829 May [Draft report] London [to] Sir Byam Martin, Comptroller of
5 the Navy/S Goodrich, [re paddle wheels and engines of Capt
Ross's vessel *Victory*. Refers to (Archibald) Robertson of
Liverpool and his patent for paddle wheels (no.5749 of 1829

- Jan), and to Messrs Brothwait & Erickson] 6p on 2 leaves
- 1428 1829 May 16 [Letter to] S Goodrich/Capt Sam. Brown, [seeking] assistance in contriving a Powerful Press for Punch[ing] 3 large Holes at once in wrought Iron Bars 1 inch thick 4p on 1 leaf
- 1429 1829 May 23 [Notes/S Goodrich, re] Exp[erimen]t [on] the *Galatea* with Paddle Wheels worked by Winches 2p on 1 leaf
- 1430 1829 May 25 [Letter to] S Goodrich, Portsmouth Dock Yard/C Graham, [re chain cables] 3p on 1 leaf
- 1431 1829 May 25 [Letter] Union Dock, Liverpool [to] S Goodrich, Portsmouth Dock Yard/Wm Fearnall, [re paddle wheels; and] Giving an account of ... Capt Ross [and the] *Victory* proceeding to Gravesend on her way to the Polar Regions 3p on 1 leaf
- 1432 1829 May 29 [Letter] Derby [to] S Goodrich, Portsmouth Yard/James Fox, [written on printed] List of Planing Machines and self-traversing slide lathes, Manufactured in a Superior Style of Workmanship, by James Fox, Engineer, Derby 2p on 1 leaf
- 1433 1829 Jun. 2 Captn. Phillips' Capstan. [Drawings of section and plans/William Heard?] Portsmo. Yard Line drawings with wash, 31.5 x 20cm Scale 1":1'
- 1434 1829 Jun. 12 [Draft report to Navy Board/S Goodrich, re possibility of using Barton's metallic piston in the engines of *Comet* and *Albion*. (Incomplete)] 2p on 1 leaf
- 1435 1829 Jun. 15 [Draft report to Navy Board]/S Goodrich, [re] substance taken from the Copper on the bottom of the *Revenge*. [It seems to be 'Shells of a small species of worm'] 2p on 1 leaf
- 1436 1829 Jun. 15 Copy of Paper given to Mr Morgan/[S Goodrich, being a] Description of the Paddle Wheels and Machinery used in propelling ... Frigate the *Galatea* 4p on 1 leaf
- 1437 1829 Jun. 22 [Letter] Gravel Lane, Southwark [to] S Goodrich, Portsmouth Dock Yard/John Lloyd Jun, [re screws to be cut for Yard's metal mills] 1p
- 1438 1829 Jun. 23 [Draft report to Navy Board]/S Goodrich [pp. Portsmouth Yard Officers, re the iron and the chain Cable links manufactured at Mr Porter's Works in Carlisle] 4p on 1 leaf
- 1439 1829 Jul. [Letter] High St, Portsmo. [to] S Goodrich/Julian Slight,

- 6 [informing him of his election as President of the Portsmouth and Portsea Literary and Philosophical Society. Bears notes on verso by Goodrich, seeming to be reasons for declining] 1p
- 1440 1829 Jul. [Draft report to] Admiral Sir Robert Stopford/[S Goodrich, re] Udney's Patent Marine Steam Engine Governor and his Sea Working Pump. [See /1415] 2p on 1 leaf
7
- 1441 1829 Jul. [Draft report] Portsmouth Yard [to] Admiral Sir Rob't Stopford, Commander in Chief/[S Goodrich, re experiments with pump on *Hyperion* to Commander Hood's proposal] 12p on 4 leaves
13
- 1442 1829 Jul. [Draft report] London [to] Sir Byam Martin, Comptroller of the Navy/S Goodrich, [re Bain's suggestion of 'Pipes and Cocks for blowing out the water and sediment from the Bottoms of Steam Vessel Boilers'. He also discusses high pressure and low pressure steam vessels] 22p on 6 leaves
15
- 1443 1829 Jul. [Notes compiled] At the Society of Engineers Rooms/[S Goodrich], from [Jean Baptiste] Marestier on the American Steam Boats published in 1824 [i.e. Memoir on steam boats of the United States of America] 3p on 1 leaf
17
- 1444 1829 Jul. [Draft letter] Portsmouth Yard [to Navy Board/S Goodrich, re pattern] Nozzle of the Branch Pipe of the Fire Extinguishing Engines 2p on 1 leaf
24
- 1445 1829 Jul. [Letter] Plymo. Dock Yard, Devonport [to S Goodrich]/E Gandy, [asking 'what is the great objection to High Pressure Engines in Steam Vessels'] 1p
25
- 1446 1829 Jul. [Draft letter] Portsmouth Yard [to] E Gandy/S Goodrich, [giving his opinion on high pressure engines for steam vessels] 4p on 1 leaf
27
- 1447 1829 Aug. [Letter] Soho Birm[ingha]m [to] S Goodrich, Portsmouth/Wm Creighton for Boulton Watt & Co. [Their agent for London, James Brown, will visit to ascertain the power of the steam engine at Portsmouth Yard. Bears footnote by Goodrich of 1834 Feb 6] 1p
3
- 1448 1829 Aug. [Letter] Soho Birm[ingha]m [to] S Goodrich, Portsmouth/Wm Creighton for Boulton Watt & Co. [They send the bearer, Wm Harrison, to put in the new cylinder etc for the 30hp engine, (see /1471). Mentions the eccentric rod sent to Mr Allcot] 1p
5

- 1449 1829 Aug. 8 [Letter] London [to] S Goodrich/George Bentham, [re] the Agreement with Farmer Austin for a new lease and leave to break up the small meadow. [Bentham's father (the General) will look out for a position for Goodrich's grandson. Bears notes by Goodrich of Aug 12 re the meadow] 3p on 1 leaf
- 1450 1829 Aug. 11 [Letter] Portsea [to] S Goodrich, Portsmouth Dock Yard/John Rannie, [being a tender for parts of shafting and gearing] 1p
- 1451 1829 Aug. 13 [Letter] Soho Birm[ingha]m [to] S Goodrich, Portsmouth/Wm Creighton for Boulton Watt & Co, [re eccentric rod for 30hp engine] 1p
- 1452 1829 Aug. 14 [Draft letter to Navy Board]/S Goodrich, [being a suggestion for locking the fore wheels of fire extinguishing engines] 2p on 1 leaf
- 1453 1829 Aug. 18 [Letter] Eagle Foundry, Birmingham [to] S Goodrich, Portsmouth Yard/Francis, Smith & Hawkes, Proposing price for Steel turning tools for the rolls of Metal Mills 1p
- 1454 1829 Aug. 21 [Letter] Leicester Square [to S Goodrich]/R Percy[?], re the advantages of Broderip's steam engine] 6p on 2 leaves
- 1455 1829 Aug. 31 [Letter] Navy Office [to S Goodrich]/John James, [enquiring the present percentage reduction on contract prices of 1810 for fire hearths, ([see /1465](#)). With printed 'Form of Tender for supplying HM Dock Yards at Deptford and Woolwich with Fire Hearths ...' (2p on 1 leaf), and printed 'Particular of Articles comprising Fire hearths ... for ... Vessels of each Class, and of the Prices to be paid for same' (1 sheet)] 2p on 1 leaf
- 1456 1829 Sept. 4 [Annotated sketch of] Level of water taken from bottoms of Drains and Wells when all the Penstocks from South to North Docks were open. [Ground plan/S Goodrich], Plymouth Yard Ink sketch, 32 x 40.5cm
- 1457 1829 Sept. 1 [Printed] Price of Coals at Newcastle upon Tyne. [Bears copious notes by Goodrich; he obtained the price list in 1830 March during his 'Journey to the North'] 3p on 1 leaf
- 1458 1829 Sept. 2 [Letter] Portsmouth Yard [to] John James/Wm Heard. [Goodrich is away at Plymouth and he, Heard, cannot answer James's question re firehearths] 1p
- 1459 1829 [Letter] Portsmo. Yard [to S Goodrich]/Wm Heard.

- Sept. 8 [Comprises numerous questions and answers etc re (Portsmouth) chain pumps] 3p on 1 leaf
- 1460 1829 [Letter] Navy Office [to William Heard/John James, asking
Sept. 18 him to draw Goodrich's attention to his letter of Aug 31 (/1455) on his return from Plymouth] 1p
- 1461 1829 [Letter] Navy Office [to] Deptford Officers/Geo. Smith,
Sept. 22 [authorising them to accept delivery of engines on Capt. Fisher's plan from Messrs Pontifex & Co and from Mr Mark Noble, and to report on comparison of the two. Bears detailed copy of bill of Pontifex & Co] 3p on 1 leaf
- 1462 1829 [Letter] Devonport Yard [to S Goodrich]/Wm Churchward,
Sept. 25 [re] Inclination of the Docks, Ply[mou]th 1p
- 1462 1829 Aug. [Notes, calculations etc/S Goodrich, re Tarring Machinery at
a 10/Sept. Plymouth Dock Yard. Bears numerous ink sketches, and
9-24 data from Mr Baldy, master ropemaker, and includes three pages (in another hand) re 'Prices for making small Cordage by the machine'. Two pages bear notes of 1831 Mar 24 and Nov 5] 19p on 7 leaves
- 1463 1829 Nov. [Copy letter] Ports.Yd. [to S Goodrich]/J N[olloth, re splicing
18 pieces for joining cable chains. Bears copy of his letter, Sept 29, Ports.Yd. to Goodrich, re same] 2p on 1 leaf
- 1464 1829 Oct. [Copy report/S Goodrich pp. Officers, re] Mr Hawks Chain
with thickened ends. [With list of sizes] 2p on 1 leaf + 1 slip
- 1465 1829 Oct. [Copy letter] Portsmo. Yard [to] John James/S Goodrich, [re]
6 the average amount of the per centage reduction made in 1813 on the Contract Prices of 1810 for Firehearths, [[see /1455]. With 'An Account ... taken from Copies of Particulars No. 1 & 2, submitted 9 Jan 1813'. See /429] 3p on 1 leaf + 1 sheet
- 1466 1829 Oct. [Letter] London [to] James Bradley/J Webb [for] Hawks,
16 Stanley & Co, [re] the breaking of Lt Rodgers's Anchor, and the Patent short Linked Chain with thickened ends 2p on 1 leaf
- 1467 1829 Nov. Exp[erimen]t[s] with Indicator on B[oulton] & W[att] 30 HP
19-20 Engine/[William Heard] 2p on 2 leaves
- 1468 1829 Nov. [Printed trade circular:] Hayle Foundry. Harvey and
1 Company's Price of Castings, etc [Bears notes on verso, and note by Goodrich 'Given me 29 May 1830'] 1 sheet

- 1469 1829 Nov. [Letter] Plymo. Yard [to] S Goodrich, Portsmouth Dock
11 Yard/Wm Neil, [re] Boiler of Corn Wood Mine Pumping
Engine. [Bears ink sketches] 3p on 1 leaf
- 1470 1829 Nov. 'Extracts from Mr Joplin's Book which he copied from Mr
12/20 Hackney'/[S Goodrich. Comprises four indicator diagrams,
calculations etc re 'New or First 30 Horse Engine'; (he has
taken the figures but the calculations are his own] 4p on 1
leaf
- 1471 1829 Nov. [Draft letter to] Wm Creighton [of Boulton Watt & Co]/S
21 Goodrich, Giving an account of Mr Harrison's time (see
/1448) in fixing the new Steam Cylin[de]r 30H Eng 1st, and
sending him two drawings by the indicator 2p on 1 leaf
- 1472 1829 Nov. [Letter] London [to] S Goodrich, Portsmouth Yard/[Joshua]
28 Field, [re the space required by 6hp engines of two designs.
Bears six ink sketches] 3p on 1 leaf
- 1473 1829 Nov. [Draft report to Navy Board]/S Goodrich, [re] Hawks' Patent
28 Short linked Chain. [Bears on verso copy report by J Nolloth
of same date concurring with Goodrich] 2p on 1 leaf
- 1474 1830 [Notes/S Goodrich, re] Messrs Rennie's Bills [for] Weovil
[Dec.] Corn Mill 1p
- 1475 1829 Dec. [Letter] London [to] S Goodrich/Joshua Field, [re pumps,
1 engines and paddle wheels] 4p on 1 leaf
- 1476 1829 Dec. [Letter] Navy Office [to] S Goodrich/Geo. L Taylor, [re] New
8 Boiler House and asking for particulars re the new
Millwrights Shop 2p on 1 leaf
- 1477 1829 Dec. Indicator cards of Mr Guest's Engine 3 slips
14/1830
Mar. 5-6
- 1478 1830 Dec. Obser[vatio]ns on Messrs Rennies Bills for Corn Mill,
3-15 Weovil/[S Goodrich. Includes 'Abstract: Messrs Rennie's
Bills for Machinery Steam Engines etc at Deptford Mill'] 4p
on 1 leaf
- 1479 1819 Dec. [Draft letter] Portsmouth Yard [to Navy Board/Officers] S
17 Goodrich, N D[iddams, re difficulty in supplying from the
Yard any accessories for Capt Truscott's pump. (This item
was incorrectly numbered according to date)] 3p on 1 leaf
- 1480 1830 Dec. Copy [letter] Navy Office [to] Messrs G & J Rennie/Geo. L

- 17 Taylor, S Goodrich, [requesting many details to be added to their three accounts for the Corn Mill at Weovil. Bears footnote by Goodrich re Morgan's engine] 2p on 1 leaf
- 1481 Ca.1831 [Printed circular:] Conditions of Hire, and Rules to be observed by Owners and Masters of Ships engaged by the Commissioners of the Navy to convey Troops, Passengers, and Stores to Foreign Stations on Freight, [bearing on verso] Rules to be observed by the Masters, in Victualling Troops and Passengers. [Procured by Goodrich in 1831] 4p on 1 leaf
- 1482 [1830?] Sketch of Trevithic Water Engine/[S Goodrich. Bears pencil sketch of water wheel on verso] Pencil sketch, 32 x 20.5cm
- 1483 [1830?] [Two indicator diagrams of] Chelsea Pumping Engine [taken at top and bottom by] Mr Field. 'A Capital Engine by Maudslays & Field' 2p
- 1484 1830 [Notes re] Properties of Steam/[S Goodrich] 2p on 1 leaf
- 1485 [1830?] Sketch of Mr Hales Propeller as made out by himself for explanation. [William Hale took out several patents re propelling vessels. See /1616] 1p
- 1486 [1830?] [Three indicator diagrams re Cornish engines at Binner Downs, Wheal Towan and East Crinnis Mines] 3 slips
- 1487 [1830?] Witty's Patent Gas Furnace. Applicable to Steam Engines, Evaporating Vessels, Kilns etc ... R Witty, Basford Cottage near Newcastle, Staffordshire. [See /1547] Engraving, 16 x 13.5cm
- 1488 1830 [Illustration and description re] Drop erected at Jarrow Colliery on the River Tyne, by which the Waggon are lowered down to the Hatchway of the Vessel loading ... Lithograph, 25 x 20.5cm
- 1489 1830 [Calculations re engines of] *Lightning* Steam Vessel/Mr Heard 1p
- 1490 1830 [Table/William Heard, showing] Dimensions of [hull and engines of] the *Lightning* & *Meteor* Steam Vessel[s] 2p on 1 leaf
- 1491 1830 Table/[William Heard], To find the Velocity of a Paddle Wheel - Its dia[mete]r & No. of turns per Minute Given 1p
- 1492 1830 Table/[William Heard], for Calculating the Power of an

Engine when Working Expansively 1p

- 1493 1830 An Account of the Establishment of Anchors & Cables Hempen and Chain for the Various Classes of Ships as proposed in 1830 by a Committee of Sea Officers 1 sheet
- 1494 1830 [Table re] Expenditure of Chain Cables [for years 1824 to 1828/partly compiled, and bearing notes, by Goodrich] 1p
- 1495 1830 [Précis of memos and correspondence etc re manufacture of chain cable/S Goodrich. Comprises memo by Comptroller: he believes Messrs Middleton & Brunton, Messrs Hawkes, and Capt Brown should not have a monopoly and suggests 'that Mr Goodrich should proceed to North and South Shields to inspect the premises of Messrs Flyn and such other Manufacturers as may be considered to have Works upon a scale suitable to an undertaking of such great importance'. Many manufacturers are named, in particular George Johnson Young of Gateshead Iron Works, Robert Flinn & Co of North Shields Iron Works and Robert Porter of Carlisle Iron Works, and extracts from letters and contracts 1820-30 cited] 12p on 3 leaves
- 1496 1830 Jan. [Printed trade circular:] Thomas & Robert Brown, Jun.'s Patent Slip, Jarrow, River Tyne 1p
- 1497 1830 Jan. [Printed list sent to] Messrs Griffiths & Lewis, Iron Merchants, Bristol [re] Prices of Iron for the quarter [of] Garnddyris Iron Works near Abergavenny. [Bears notes by Goodrich on verso] 1p
- 1498 1830 Jan. [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua Field, [re] Pumping Engine and Machinery for Plymouth 3p on 1 leaf
- 1499 1830 Jan. [Letter] London [to] S Goodrich, Portsmouth Yard/Joshua Field, [re] Price of engines for Plymouth Pumps. With two cut-out ink sketches] 2p on 1 leaf + 2 slips
- 1500 1830 Feb. [Printed price list of] London Coal Market. [Bears note 'published twice a week in London'/S Goodrich] 1p

Goodrich Papers A 1501-1860

- 1501 1831 Feb. [Draft letter to Navy Board/S Goodrich. Two of Medlen's capstans are being sent to Malta] 2p on 1 leaf
- 1502 1830 Feb. [Letter] London [to] S Goodrich/John T Barry, Introducing

- 10 Mr Tombasis, Son of a Greek Admiral, coming to Ports[mou]th to Study Naval Archi[tectur]e 1p
- 1503 1830 Feb. 23 [Letter] *Lightning*, Woolwich [to] S Goodrich, Portsmouth Dock Yard/John Dinnin, [re trials of Galloway & Morgan's paddle wheels on the *Confiance*. Bears ink sketches] 4p on 1 leaf
- 1504 1830 Feb. 22 [Notes and calculations/S Goodrich, retrials of paddle wheels on *Confiance*. With annotated pencil sketches of same, one bearing 'from Dinnin 11 Jan 1830'] 4p on 1 leaf + 2 sheets
- 1505 1830 [Printed] Report of a Trial ... of a Fire & Wash-Deck Pump, on the construction proposed by Mr John Hearle, of Devonport, On board HMS *Druid*, March 1 1830. [Bears numerous testimonials and, on verso, 'Directions for fixing' and Directions for Use' of same] 2p on 1 leaf
- 1506 1830 Mar. 6 [Draft report] Navy Office [to] George Smith, Secretary to the Navy Board/S Goodrich, [re Capt Phillips's suggested improvement to double capstans] 8p on 2 leaves
- 1507 1830 Mar. 6 [Sketch of Capt Phillips's capstan] Pencil sketch, 22.5 x 19 cm
- 1508 1830 Mar. 8 [Letter] Navy Office [to] S Goodrich/G Smith, [being authority for him to visit iron cable manufactories and to report on same. With list of manufactories] 2p on 1 leaf + 1p
- 1509 1830 [Printed trade circular:] A List of Planing Machines and self-traversing slide lathes, Manufactured in a Superior Style of Workmanship, by James Fox, Engineer, Derby. [Prices are added in manuscript. See /1432] 1p
- 1510 1830 Mar. 16 [Printed circular:] To Consumers of Copper Sheathing [warning against being duped by those claiming to furnish 'Infallible Sheathing'] 3p on 1 leaf
- 1511 1830 Mar. 16 [Table:] Fenton & Murray's Prices of Foundation framed Independent Steam Engines 1p
- 1512 1830 Apr. An account of the denominations and length of flax yarn as spun [given to Goodrich in Newcastle] 1p
- 1513 1830 Apr. [Strength of round iron of particular dimensions. Table given to Goodrich at Guest's Works, Merthyr Tydfil. Iron

tried at Brown's Machine, Newbridge] 1p

- 1514 1830 Apr. An Account of Experiments of the Vel[ocit]y of Water through Pipes [given to Goodrich by] Wil[lia]m Williams, Mr Crawshaw's Engineer, Merthyr Tidvil 4p on 1 leaf
- 1515 1830 Mar.- Sept. [Papers re Goodrich's visit to chain cable manufactories]
- 1515/1 List of Chain Cable Manufactories visited/[S Goodrich] 2p on 1 leaf
- 1515/2 1830 Mar. 18 Memorandum of the proportions of John Thompson's Hydraulic Test. [Bears note by Goodrich, and calculations on verso] 2p on 1 leaf
- 1515/3 1830 Mar. 20 Mr Pow's Calculation of Messrs Flinn's Testing Machine 1p
- 1515/4 1830 Apr. Mr Crawshay's suggestion for the make of Iron for Chain Cables 2p on 1 leaf
- 1515/5 1830 Apr. 15 [Table:] Strength and Proof of Cables manufactured by Messrs Brown, Lenox & Co [given to Goodrich] by Mr Thomas of Newbridge 1p
- 1515/6 1831 Jun. 13 [Printed certificate of] Tyne Chain Works, North Shields [re cable tested on their] Hydraulic Chain Cable Testing Machine/Tyzack Dobinson & Co. [Bears illustrations, and note by Goodrich on verso] 1p
- 1515/7 1830 Aug. 4 [Letter] London [to] S Goodrich, Portsmouth Yard/J Webb [for] Hawks, Stanley & Co, [re strain on cables] 1p
- 1515/8 1830 Aug. 6 [Letter] London [to] S Goodrich/Brown, Lenox & Co, [re proof strain on cables, and on the quality of scrap iron. With copy letter to Brown, Lenox & Co/Mr Thomas, Newbridge Works, re same] 2p on 1 leaf + 2p on 1 leaf
- 1515/9 1830 Aug. Calculation of the Scale of Proof proposed in Messrs Porter's printed paper of 23 Aug 1830/[S Goodrich] 1p
- 1515/10 1830 Aug. Results of Sundry trials made upon Chain Cables manufactured by Messrs Porter at the public Testing machine at Liverpool Aug 1830, extracted from the Docks of that Establishment. [Bears 'Copy Report of Experiments, made at the public proving Machine put up in Trentham Street, by the Corporation of Liverpool, for the purpose of proving Chain Cables 7 May 1830', a note to Goodrich, and

- 'Proofs of 1 Inch Iron as recorded in our Book' 1821-29] 3p on 1 leaf
- 1515/ 1830
11 Sept. 1 [Letter] Liverpool [to] S Goodrich, Portsmouth Dock Yard/William Logan, [re] best Test for Chain Cables 3p on 1 leaf
- 1515/ 1830
12 Sept. 9 [Letter] Liverpool [to] S Goodrich, Portsmouth Dock Yard/C Logan, [re testing chain cable] 3p on 1 leaf
- 1516 1830 'Chain Cable Manufacturers Shew Bills and Cards - Collected on my Journey to the Manufactories. S G'
- 1516/
1 Blank printed certificate of] Griffiths & Lewis's Chain Cable and Anchor Manufactory, Bristol. [Bears illustrations] 1 sheet
- 1516/
2 Griffiths & Lewis, Marsh Street, Bristol. [Printed] List of Prices [of] chain cables, anchors & Grapnels, cabooses [etc, bearing form of cable testing certificate on verso] 2p on 1 leaf
- 1516/
3 [Printed list of products etc of] Wm Dan'l & Wm Edwd Acraman, Bristol, Manufacturers of Anchors on the patent principle. [Bears illustrations, some terms inserted ms., and address on verso 'To Merchants, Ship Owners, etc'] 2p on 1 leaf
- 1516/
4 [Blank printed certificate of] B[ishop] Wearmouth Iron Works, Sunderland [re testing chain cable] 1p
- 1516/
5 [Printed circular re] Bar Iron, Chain Cables, etc manufactured by R W & R Porter, Carlisle [with 'scale of chain cables' on verso] 2p on 1 leaf
- 1516/
6 [Printed table of chain sizes, weights and proofs of] Samuel Bishop & Co, London, near Blackfriars Bridge 1 slip
- 1516/
7 [Printed trade card of] Robert Flinn & Co, North Shields Iron Works, and Lower Shadwell, London, Chain Cable & Anchor Manufacturers [including table of chain substitutes for rope and their proof strain, and of anchors] 2 cards (one bearing note by Goodrich on verso)
- 1516/
8 [----- as above -----] Thomas Horner, patent chain manufacturer, Gateshead upon Tyne [including table of chain substitutes for rope and their proof strain] 2 cards

- 1516/
9 [----- as above -----] Joseph Coulthard, Wapping and Birchin Lane [including table of sizes and weights of chains and anchors, and on verso 'List of Prices of Sowerby's Patent Windlass Work'. Thomas Sowerby took out patent (no.5518) in 1827 Jul re windlasses]
- 1516/
10 [----- as above -----] The Griffin Iron Cable & Anchor Manufactory, Gladstone Eddowes & Co, General Hardware Agents [etc, with on verso] Table of the proportionate strength of Iron & Hemp Cables ...
- 1516/
11 [----- as above -----] Tyne Chain Works, Tyzack Dobinson & Co, Manufacturers of Chain Cables, Anchors ... Low Lights, North Shields [with on verso] Table of Chain Substitutes for Rope Cables ...
- 1516/
12 [----- as above -----] White, Sons, Panton & Kirk, Scrap Iron, Chain Cable & Anchor Manufacturers, Iron Founders etc, B[ishop] Wearmouth Iron Works, Sunderland and Wapping, London, J Coulthard, agent [with on verso] Table shewing the size of Chains & Anchors ...
- 1516/
13 [----- as above -----] Norris, Ironmonger, Ship-Smith etc, Lower Sparling Street & Prince's Dock, Liverpool ... [with on verso] Table showing the Measures of Chain and Hempen Cables, and the Weights of Chain Cables and Anchors ...
- 1516/
14 [----- as above -----] Willm Dan'l & W Edwd Acraman, Iron & Tin Plate Merchants, Founders and Civil Engineers ... Bristol [with list of products on verso]
- 1516/
15 [----- as above -----] Hawks, Stanley & Co manufacturers of Improved Anchors and Chain Cables, Duck's Foot Lane, Upper Thames Street [including] Table of Chain Substitutes for Rope Cables
- 1516/
16 [----- as above -----] Pearson & Musgrove, Anchor Smiths, Ship Smiths, Ironmongers ... Liverpool
- 1516/
17 [Blank printed certificate of] North Shields Iron Works [re delivery of chain cable]/Robert Flinn & Co. [Bears illustration] 1p
- 1517 1830 Apr. [Pencil sketches of] Smelting Furnaces procured from Mr Vernon's Brother/[S Goodrich] 2p on 2 leaves

- 1518 1830 [May] [Details of] Voyage of the *Echo* S.V. to Corfu [Apr 9-May 28] 2p on 1 leaf
- 1519 1830 Apr. 20 Price [list] of Cast Iron [Ships'] Pumps fitted with Brass Boxes/S Croom [for] W & W E Acraman 1p
- 1520 1830 Apr. 22 [Printed report] HMS *Donegal*, Sheerness [to] Navy Commissioners/Capt J Brenton, [re] the Revolving Sheer Masts of Lt Shuldham's. [Bears endorsement by Capt Edward P Brenton on verso. Molyneux Shuldham took out a patent (no.5205) in 1825 July re working etc of ships' sails] 2p on 1 leaf
- 1521 1830 Apr. 27 Copy of a paper [i.e. memorandum] handed to W J Henwood by Mr W Lewin assistant to Mr J Rennie relating to the trial of Wilson's Engine at Huel Towan Mine in Cornwall 2p on 1 leaf
- 1522 1830 Apr. 30 [Letter] Plymo. Yard [to] S Goodrich, Portsmouth Dock Yard/ Wm. Neil, 'Asking my support in declaring him fit for superintending repairs of Steam Vessels at Plymouth' 3p on 1 leaf
- 1523 1830 May 'Queries by Mr Heard given me on the Occasion of my [Goodrich's] Journey into Cornwall. [Addressed to] David Grant, South Place, Finsbury, London 1p
- 1524 1830 May 1 [Draft letter] Portsmouth Harbour [to] George Smith, Secretary to the Navy Board/S Goodrich, [re observations on new paddle wheels on the *Confiance*] 4p on 1 leaf
- 1525 1830 May 4 [Letter] Portsmouth Yard [to] Edward Churchill, Mas[te]r Ship[wright], Plym[outh]/S Goodrich, Recommending Mr Neil as a fit person to superintend repairs of Steam Vessel Engines 2p on 1 leaf
- 1526 1830 May 11 [Letter] Liverpool [to] S Goodrich, Portsmouth Dock Yard/C Logan, Requesting for the Corporation of Liverpool an attested Copy of the Navy Board Scale of proofs for Chain Cables 3p on 1 leaf
- 1527 1830 May 14 [Draft report to Navy Board]/S Goodrich, [re] Mr Beare's Pump fitted on board the *Monmouth* at Woolwich 2p on 1 leaf
- 1528 1830 May 15 [Draft letter] Portsmouth Dock Yard [to] C Logan, Liverpool/S Goodrich, [sending] a Copy of the Scale of Proof adopted by the Navy Board for the Iron Cables

- supplied by Contract. [Bears said copy] 2p on 1 leaf
- 1529 1830 May 19 [Draft letter to Navy Board]/S Goodrich, [being observations on the supply of new copper] 6p on 3 leaves
- 1530 1830 May 20 [Letter] Navy Office [to] S Goodrich/Sir B Martin, [directing him to Falmouth to inspect and report on the applicability of the Cornish engine to marine purposes, etc. See /1535] 6p on 2 leaves
- 1531 1830 May 22 [Letter] Billiter Square, London [to] S Goodrich/Sam. Lenox, [re] Chain Cables 2p on 1 leaf
- 1532 1830 May 26 [Letter] Victualling Office [to] S Goodrich, Portsmouth Dock Yard/M Walker Clifton, [Secretary of Victualling Board], Returning thanks to S G for his report on Mr Surrey's Plan of raising Steam. [James Surrey took out a patent (no.4840) in 1823 Sept for 'Applying heat for producing steam...'] 2p on 1 leaf
- 1533 1830 May 27 [Letter] Plymo. Yard [to] S Goodrich, Falmouth/W Neil, [re 'Pale (Paul) Wheels', and the failure of paddle wheels on the *Confiance*] 4p on 1 leaf
- 1534 1830 Jun. [Draft letter] Plymouth [to] Sir Byam Martin, Comptroller/S Goodrich, proposing a little stay there for further information about Cornish Engines etc. [Bears footnote by Goodrich of 1834 Feb 7] 4p on 1 leaf
- 1535 1830 Jun. 30 [Draft report] Portsmouth Yard [to] Sir T B Martin, Comptroller of the Navy/[S Goodrich, on Cornish Steam Engines. See /1530] 29p on 16 leaves
- 1536 1830 Jun. 1 [Letter] Portsmo. Yard [to] S Goodrich, Devonport/Wm Heard, [re paddle wheels of the *Confiance*, and] On Engines Working Expansively 3p on 1 leaf
- 1537 1830 Jun. 4 [Letter] Portsmouth Yard [to] S Goodrich, Devonport/Wm Heard, [being] An account of the Slides of the *Lightning* S V working expansively. [Bears several line drawings] 3p on 1 leaf
- 1538 1830 Jun. 4 [Letter] Navy Office [to] S Goodrich/Sir Byam Martin, [asking him to send his report on his visit to Cornwall directly to him] 1p
- 1539 1830 Jun. 4 Motion of the Slide Valves of the *Echo* Steam Vessel ... taken by S G[oodrich] at Plymouth Annotated diagram, 31.5

x 31.5cm

- 1540 1830 Jun. Sketch of Paul [Pale] Wheel prepared at Plymouth for the
7 *Meteor* by Mr Neil Line drawing, 20 x 31.5cm Scale 1½":1'
- 1541 1830 Jun. 'Boiler of the *Brunswick* Steam Vessel taken when I
11 returned in the Vessel from Plymouth ...'/[S Goodrich.
Bears notes on verso] Pencil sketch, 37 x 22.5cm
- 1542 1830 Jun. [Draft report to Navy Board/S Goodrich pp. Portsmouth
14 Yard Officers, re] Mr Neil's Plan of a Friction Wheel and ...
Screws to secure the Paddle Wheels ... [Bears pencil
sketches] 4p on 1 leaf
- 1543 1830 Jun. Copy [letter] Highgate [to Lords Commissioners of the
15 Admiralty]/Richard Trevithick, [requesting the loan of a
vessel in order to try his engine for steam navigation.
Bears memo by Goodrich on letter from Mr Barrow of the
Admiralty Office to the Navy Board asking for opinion re
same] 2p on 1 leaf
- 1544 1830 Jun. [Letter] Perran Wharf near Truro [to] S Goodrich,
15 Portsmouth Dock Yard/Wm J Henwood, [giving particulars
of engine at St Ives Consolidated Mines. Bears calculation
by Goodrich] 3p on 1 leaf
- 1545 1830 Jun. [Letter] Perran Wharf near Truro [to] S Goodrich,
21 Portsmouth Dock Yard/Wm J Henwood, [giving further
particulars of engine at St Ives Consolidated Mines] 4p on 1
leaf
- 1546 1830 Jul. [Ink sketches of Brothwait and Erickson's copper boiler for
the *Confiance*/S Goodrich] 2p on 1 leaf
- 1547 1830 Jul. [Printed trade circular advertising] Witty's Patent Gas
Furnace; ... applicable to Steam Engines, Furnaces,
Evaporating Vessels etc, St Michael's Alley, Cornhill. Bears
numerous testimonials. With printed paper/R W, re same
and re the burning of smoke; and ms. 'List of Prices ...'] 3p
on 1 leaf + 1p + 1p
- 1548 1830 Jul. [Copy indicator diagram] of the *Sovereign* S V from Mr
Field/[S Goodrich. Bears notes and calculations] 1p
- 1549 1830 Jul. [Letter] Portsmouth [to] S Goodrich/Julian Slight,
2 Secretary, [informing him of his election as Vice President
of the Portsmouth Literary and Philosophical Society for
the coming year] 1p

- 1550 1830 Jul. 'Sketch made by Mr Trevithick in Pencil, inked over by me, 5 of the manner in which he tried his experiment with a Steam Engine to prove his new Plan of working'/[S Goodrich. Bears two ink sketches and numerous notes] 1 sheet
- 1551 1830 Jul. [Memoranda/S Goodrich, re Trevithick's experiments with 5 his engine: cylinder 20" diam, stroke 6'] 4p on 1 leaf
- 1552 1830 Jul. [Draft letter] London [to] Sir T Byam Martin, Compt[rolle]r 10 of the Navy/[S Goodrich, re experiments by Trevithick with steam engine he erected in Cornwall] 4p on 1 leaf
- 1553 1830 Jul. Dimension of *Alban* Steam Vessel Boilers. [Copy of 12 drawings of W Stone, Chatham Yard/S Goodrich] Line drawings, 32 x 40.5cm
- 1554/ 1830 Jul. Considerations about Mr Shorter's Apparatus or Vane for 1 14 propelling Vessels/[S Goodrich. Bears copy of part of letter, 1802 Sept 4, Malta, telling Shorter how John Sherat(?), Master of the *Doncaster*, propelled her in a calm] 2p on 1 leaf
- 1554/ 1831 Oct. Calculation about Mr Shorter's Spiral Paddle Wheel/[S 2 3 Goodrich. Experiment tried in Goldsmith's Company barge] 2p on 1 leaf
- 1554/ 1831 Oct. Report on Mr Shorter's proposed Vanes for propelling 3 8 Steam Vessels and Ships/[S Goodrich] 5p on 2 leaves
- 1555 1830 Jul. [Draft report] London [to Navy Board]/S Goodrich, on the 17 Boilers of the *African* S V written on Messrs Maudslay's [i.e. Maudslay Son & Field] & Lt Kennedy's Letters [of Jul 8 and May 30 respectively] 4p on 1 leaf
- 1556 1830 Jul. [Copy minutes: of that 'written on my [i.e. Goodrich's] 17 report of the 17 July 1830 on the *African's* Boilers'; 'Comptroller Minute on Messrs Maudslay Son & Field's Let[te]r of 3 July re the durability of Iron & Copper Boilers', etc/S Goodrich. Bears his 'Instructions for Keeping Boiler Clean'] 4p on 1 leaf
- 1557 1830 Jul. [Copy letter] Highgate [to] Sir Byam Martin, Comp[trolle]r 19 of the Navy/Richard Trevithick, [being a comparison between his engine and Boulton and Watt's engine for steam navigation] 9p on 3 leaves

- 1558 1830 Jul. [Draft report] Navy Office [to Navy Board]/S Goodrich, [re
22 Trevithick's engine for steam navigation] 4p on 1 leaf
- 1559/ 1830 May [Copy minute] Admiralty Office [to] Navy Board/John
1 5 Barrow, [re and bearing copy letter, May 4, Cork St, Bond
St, to Viscount Melville/Nath'l Ogle, re his 'improved
method of generating steam'. Goodrich is to investigate.
Nathaniel Ogle took out a patent (no.5927) in 1830 April re
boilers] 6p on 2 leaves
- 1559/ 1830 Jul. [Draft report] London [to] George Smith, Secretary to the
2 26 Navy Board/S Goodrich, [re Ogle's improved steam boiler]
4p on 1 leaf
- 1560 1830 Jul. [Memo/S Goodrich, re] Mr Trevithick's Rudder 2p on 1 leaf
26
- 1561 1830 Jul. [Draft report] Navy Office [to Navy Board]/S Goodrich, [re
28 Witty's 'Patent Furnace or Fire Place'] 2p on 1 leaf
- 1562 1830 Jul. [Draft report] London [to] George Smith, Secretary to Navy
29 Board/S Goodrich, [re mode, proposed by Maudslay Son &
Field, of stopping & holding the Paddle Wheels at sea by
means of a wrought Iron Gripe', having examined same on
the *Columbia* at Woolwich] 4p on 2 leaves
- 1563 1830 Aug. [Memorandum] Navy Office, [being] Copies of the Labels
attached to the Models of Chain Cables sent from
Portsmouth Yard; [see /1566] 3p on 1 leaf
- 1564 1830 Aug. [Draft] Instructions to be observed on Board ... Steam
7 Vessels to prevent ... injury to the Boilers/S Goodrich,
[drawn up following letter of Maudslay Son & Field
'reporting the state of the Boilers of the *African*'] 4p on 1
leaf
- 1565 1830 Aug. Memoranda made on examination respecting Chain Cables
10/Oct. in Store/[S Goodrich. Includes 'Calculation of the Weight of
17 a Wrought Iron Link of an Inch Chain'] 8p on 4 leaves
- 1566 1830 Aug. [Draft letter] Portsmouth Yard [to Navy Board/S Goodrich,
11 re 'new Contract for Chain Cables' and asking for copies of
labels attached to models of chain cables; see /1563] 1p
- 1567 1830 Aug. [Letter] Tavistock [to] S Goodrich, Portsmouth Dock
13 Yard/Wm J Henwood, [enquiring about marine engine;
states duty on engines at named Cornish mines. Bears ink
sketches] 3p on 1 leaf

- 1568 1830 Aug. [Letter] N[avy] O[ffice to] S Goodrich/C Graham, Send[ing] a
13 Box of Specimens of Chain from Mr Porter [for reporting upon] and alluding to the Chain Cable Business 2p on 1 leaf
- 1569 1830 Aug. [Letter] London [to] S Goodrich/Joshua Field, [enclosing
14 draft of regulations for preservation of marine boilers. Refers to Gripses of *Lightning* and *Columbia*; 'fire places of the *Meteor*'] 3p on 1 leaf
- 1570 1830 Aug. [Draft letter] Portsmouth Yard [to Navy Board]/S Goodrich,
17 [re and with 'Instructions and Rules to be observed on board His Majesty's Steam Vessels for the better preservation of Marine Boilers', drawn up in consultation with Messrs Maudslay Son and Field following report on the *African's* boilers] 1p + 4p on 1 leaf
- 1571 1830 Aug. Sketches from models sent to the Navy Board from
17 Portsmo. Yard by a Committee of Sea Officers Nov 18 1829 Procured in 1830/[William Heard. Bears note by Goodrich of 1834 Feb 14 critical of the master shipwright] Pencil and ink sketches and line drawings on 1 sheet, 32.5 x 41.5cm
- 1572 1830 Aug. Copy memo, Portsmo. Dock [to] Master
17 Shipwright/M[ichael] S[eymour pp. Lords Commissioners of the Admiralty, authorising alterations to new anchors made or when repaired] 2p on 1 leaf
- 1573 1830 Aug. [Printed] Instructions and rules to be observed on board
20 His Majesty's Steam Vessels, for the better preservation of marine boilers/Navy Office 1 sheet
- 1574 1830 Aug. [Draft letter to] Wm Henwood/S Goodrich, [re marine
20 engines. Bears numerous calculations, and refers to Mr Farey's trial of the engine of the *Sophia*] 2p on 1 leaf
- 1575 1830 Aug. ----- as /1573 ----- [bearing ms. amendments of 1831
20 Apr 11 by Goodrich on verso]
- 1576 1830 Aug. ----- as /1573 -----
20
- 1577 1830 Aug. [Draft letter] Portsmouth Yard [to Navy Board]/S Goodrich
22 [pp. Yard Officers, re alterations to, and regulations for, new anchors] 2p on 1 leaf
- 1578 1830 [Line] Drawing of all the different sizes of Chain Rigging
Sept. 11 now in Store at this Yard ... all of Hawkes manufacture/[William Heard], Portsmo. D Yard. [Bears

- numerous notes by Goodrich] 1p
- 1579 1830 [Letter] Newbridge Works near Cardiff [to] S Goodrich/
Sept. 14 Philip Thomas, [requesting 'Sketch of one of the Coke
Ovens at Newcastle'] 1p
- 1580 1830 [Draft report] Portsmouth [to Navy Board]/S Goodrich [pp.
Sept. 15 Yard Officers, re purchase of steam dredger and cost of
running it at Portsmouth Harbour] 6p on 3 leaves
- 1581 1830 Estimate for Portsmouth Harbour/[S Goodrich, of dredging
Sept. 15 using convict labour] 2p on 1 leaf
- 1582 1830 [Letter] Horton Colnbrook, Bucks [to] S Goodrich/Ev.
Sept. 19 Evans, [drawing attention to his improved] Windsor Fire
Bricks 2p on 1 leaf
- 1583 1830 [Letter] Devonport [to] S Goodrich, Portsmouth Dock
Sept. 19 Yard/Wm Neil. [He fears losing his situation as engineer at
Plymouth Yard to Mr Ward or Mr Mare and asks Goodrich
to intercede on his behalf] 3p on 1 leaf
- 1584 1830 [Letter] Lambeth [to] S Goodrich, Portsmouth Dock
Sept. 28 Yard/R[ichard?] Young, [re quality of iron for boiler plate
etc] 3p on 1 leaf
- 1585 1830 Oct. [Letter] Perran Wharf near Truro [to] S Goodrich,
1 Portsmouth Dock Yard/Wm J Henwood, [reporting duty of
engines at named Cornish mines, and stating his
qualifications should Goodrich be able to offer him a
position] 3p on 1 leaf
- 1586 1830 Oct. [Draft letter] Portsmouth Yard [to] Messrs J W & B
5 Botfield/S Goodrich, [re manufacture and price of iron] 2p
on 1 leaf
- 1587 1830 Oct. Copy [letter] HMS *Confiance*, Hamoaze [to] Admiral Sir
10 Manley Dixon/Lt J M Potbury, [reporting the trials of the
Confiance and the *Carron*] 2p on 1 leaf
- 1588 1830 Oct. Copy [letter] HMS *Confiance*, Hamoaze [to] Admiral Sir
10 Manley Dixon/ Lt W F Lapidge [and] Lt J M Potbury, [re
trial of new paddles on *Carron* and *Confiance* respectively]
2p on 1 leaf
- 1589 1830 Oct. [Printed trade circular for] Lt William Rodger's Patent
11 (Hollow Shank) Anchor/William Hawks Sen. & Co,
Gateshead Iron Works. [Bears lithograph illustration,
'Observations', and endorsements July-Dec] 3p on 1 leaf

- 1590 1830 Oct. [Letter] Admiral's Office, Portsmouth [to] S Goodrich/Mr
13 Pinhorn, Adm[iral's] Sec[retary], Asking for the Report on
the *Galatea's* Paddles, etc] 2p on 1 leaf
- 1591 1830 Oct. [Draft report to Navy Board/S Goodrich, re *Galatea* and an
14 'Experiment with her Paddle Machinery in presence of Sir
Thos. Foley Comm[and]er in Chief and 3 Captains'] 8p on 3
leaves
- 1592 1830 Oct. Copy [letter] Royal Institution [to] Geo. Smith, Sec[retary] to
25 Navy Bd/Mich. Faraday, Giving an opinion that the cause of
the various qualities of Copper Sheathing is unknown 2p on
1 leaf
- 1593 1830 Oct. Copy [letter] Billiter Square [to Navy Board]/Capt Sam.
26 Brown, [re improvements to chain cables and contract for
same. Bears footnote by R G M to effect that such
contracts are by 'open competition and not by private
agreement'] 2p on 1 leaf
- 1594 1830 Nov. [Memo re] Weight of Boilers of *Echo* and *Confiance* 1p
- 1595 1830 Oct. [Draft letter] Portsmouth Dock Yard [to Navy Board/S
27 Goodrich, re Capt Brown's improvement of cable iron for
chains. Probably refers to his patent (no. 5929) of 1830 Apr]
4p on 1 leaf
- 1596 1830 Oct. No.1 Elevation and Plan of the Copper Boilers prepared for
29 the *Confiance* Steam Vessel - Taken from Mr Field/[S
Goodrich] Annotated ink sketch, 40.5 x 32.5cm
- 1597 1830 Oct. No.2 Estimate for a Pair of Iron Boilers for the *Confiance*
29 or *Echo* - with particulars of Stays for Tubes/[S Goodrich.
Bears ink sketches] 4p on 1 leaf
- 1598 1830 Nov. [Printed prospectus of] The Alliance British & Foreign Life
and Fire Assurance Company 4p on 1 leaf
- 1599 1830 Nov. [Line drawings of Mr Ward's boiler for 20hp and 30hp
engine: four cut-out drawings (elevation and plan to ¼":1'
scale; elevation and plan to _":1' scale)]
- 1600 1830 Nov. Observations respecting the Boilers proposed by Mr
Ward/S Goodrich 1p
- 1601 1830 Nov. 'Extracts Made by me in 1830 Nov'/[S Goodrich] ... report
on the Cornish Engines addressed to the Comptroller

dated 30 June 1830; report of 10 July 1830 on Mr Trevithick's proposal [of condensing steam]; [on] Capt King's Lett[er] to the Comp[trolle]r of 6 Nov 1830 [on cylindrical boilers and expansive steam] 2p on 1 leaf

- 1602 1830 Nov. 5 [Copy] Directions and Questions from Sir Byam Martin dated 2 Nov [re new boilers of the *Echo*, and] S Goodrich's Answers/S Goodrich. Mr Goodrich to go with Mr Ward on board the *Echo* at Woolwich and report upon the following points ... [see /1604] 4p on 2 leaves
- 1603 1830 Nov. 6 [Draft letter to] Sir Byam Martin, Comp[trolle]r of the Navy/S Goodrich, [re] Suggestion of experiments to be made with the *Echo* Steam Vessel to bring into comparison the effect of her present boilers ... with those proposed by Mr Ward. [Mr Field to attend] 3p on 1 leaf
- 1604 1830 Nov. 4-7 Estimates about Mr Ward's Boiler [as compared with existing ones/S Goodrich. Includes answers to some questions asked in /1602. Bears copy letter, Nov 6, London to Sir B Martin/Thos. Ward, and pencil sketch and numerous calculations] 8p on 3 leaves
- 1605 1830 Nov. 8 [Copy of additional] Answers to Comp[trolle]r's Questions about Mr Ward's Boilers /S Goodrich 2p on 1 leaf
- 1606 1830 Nov. 9 [Copy letter] London [to] Sir Byam Martin/T Ward, 'in answer to some of my [Goodrich's] observations about his proposed plan' [re boilers] 2p on 1 leaf
- 1607 1830 Nov. 16 [Letter] Portsmouth Dock [to] S Goodrich, Navy Office, London/Wm Heard, [deprecaing the increase in boiler steam pressure ('strong steam'); small fire on the *Meteor*, etc] 3p on 1 leaf
- 1608 1830 Nov. 22 [Draft letter] Navy Office [to] Navy Board/S Goodrich, transmitting particulars amended for the Chain Cable Contract 2p on 2 leaves
- 1609 1830 Nov. 21 [Letter] Cyfarthfa [to] S Goodrich, Portsmouth Dock Yard/? Crawshay Jr, [asking for results of Goodrich's tests of Gurney's locomotive engines and hoping they will bear out his own] 4p on 1 leaf
- 1610 1830 Nov. 24-25 [Copy letters:] Deptford Yard [to] G Smith, Secretary to the Navy [Board/Officers] A Leddell, O Lang; [to Deptford Yard Officers?]/S Goodrich; Deptford Yard [to S Goodrich?]/R J L [pp. Officers, re painting chain cables by contractors

- before delivery] 2p on 1 leaf
- 1611 1830 Nov. 26 [Copy memoranda, in answer to Comptroller's questions re place for trial of Ward's boilers, by Thos. Ward and by S Goodrich] 1p
- 1612 1830 Nov. 27 [Letter] Portsmouth [to] S Goodrich/J Nolloth, [re] Capt Elliot's Cable Shackle 2p on 1 leaf
- 1613 1830 Nov. 27 [Letter] Deptford Yard [to] S Goodrich, Navy Office/R T Forster, [re oiling chain cables by contractors] 3p on 1 leaf
- 1614 1830 Dec. 2 Calculations for the Proof of Short Linked Chain at the weight of 12 Tons for an inch Chain/[S Goodrich] 2p on 1 leaf
- 1615 1830 Dec. 3 Copy [letter] Albury Street, Regents Park [to] Navy Commissioners/Wm Burk, [asking them to inspect his steam engine and 'Ichthyodic Paddle'] 3p on 1 leaf
- 1616 1830 Dec. 4 [Draft report] London [to] George Smith, Secretary of Navy Board/S Goodrich, [re William Hale's paddle propeller and suggested experiment. Bears copy letter, Dec 15, Navy Office, to Navy Board/S Goodrich, re same. See /1485] 4p on 1 leaf
- 1617 1830 Dec. 8 Copy [report] Navy Office/S Goodrich, [re] making good Smoke Joints of S V Boilers. [Bears extract of Lt Symond's letter, Nov ?, re fire on the *Meteor* caused by faulty joint; and of Comptroller's subsequent minute] 2p on 1 leaf
- 1618 1830 Dec. 16 Copy [letter] Lambeth [to] Sir Byam Martin/Joshua Field, [re status of engineers on H M Vessels and their rapport (or otherwise) with officers] 3p on 1 leaf
- 1619 1830 Dec. 18 [Draft letter] Navy Office [to Navy Board/S Goodrich, re enquiries he has made of contractors who make short-linked chains. He refers to Messrs Fowler & Co, Mr Coulthard, Messrs Henry Parkes & Co, Messrs E Baylie & Co, Mr Samuel Bishop. Bears copy letter, Dec 2, Iron Works, Waterloo Bridge to Navy Board/John Fowler & Co, seeking to tender for chain cables] 2p on 1 leaf
- 1620 1830 Dec. 21 [Draft letter to Comptroller?] S Goodrich, [re] Mr Morgan's Proposed Engines 4p on 1 leaf
- 1621 1830 Dec. 23 [Copy letter] Navy Office [to] Sir Byam Martin, Comptroller of the Navy/S Goodrich, [re and with] from Messrs

- Maudslay Son and Field the ... Estimate for Machines for Bending, Cutting and Punching Boiler Plate ... for the New Boiler House at Portsmouth Yard 2p on 1 leaf + 1p
- 1622 1830 Dec. 25 [Draft letter] Portsmouth [to] George Smith/S Goodrich, [re engines at Mr Burk's Manufactory] 4p on 1 leaf
- 1622 [ca.1830] a [Sketches of tool parts: trimming dies, stamping dies, specimens of forgings, etc] Ink sketches, 33.5 x 36.5cm
- 1622 1831 b Sketch for a Cylindrical Boiler and other Boilers - Estimates and Weight of Steam Vessel Boilers/[S Goodrich. Bears notes and calculations] Line drawing, 32 x 41cm
- 1623 1831 Extracts from the **Repertory [of Patent Inventions]** 12th Vol 5p on 2 leaves
- 1624 [1821?] [Letter] Sheffield Park, Yorkshire [to S Goodrich]/Sam'l Moseley, [requesting opportunity to tender for saws and other edged tools. Bears prices on verso] 2p on 1 leaf
- 1625 1831 [Extract from] Rannie's Estimate [for] appara[tu]s for Plymouth Tarring Machine. [Bears barometer readings on verso] 2p on 1 leaf
- 1626 1831 [Printed trade circular of] Wm Pontifex, Sons, & Wood, Shoe Lane, London [for pumping apparatus of Capt William Fisher. Bears illustrations] 1p
- 1627 1831 [Printed trade circular for] Seth Smith's Patent Metallic Chimney Lining etc [Bears illustrations. Smith took out patent (no.5999) in 1830 Sept] 1p
- 1628 1831 [Copy memorandum]/M[ichael] S[eymour, re limit of fitness of chain cable from wear] 1p
- 1629 1831 Prices of Engines [of Boulton & Watt; Maudslays & Field; Butterly & Co] for Steam Vessels/[S Goodrich. Bears details of engines (supplied?) in Feb (including by Mr Morgan) and of 'Patent Metallic Pistons' (supplied?) by John Barton to Woolwich Yard in March] 2p on 1 leaf
- 1630 1831 Jan. [Printed] Table, No.1 Shewing the principal Dimensions of the Common Links, Weights, and Scale of Proofs for Chain Cables, to be supplied for His Majesty's Navy 1p
- 1631 1831 Jan. [Printed] Table No.2 Shewing the Sizes of Forelocks, Steel-tinned Pins, and Punches for the Shackles of Chain Cables

to be supplied for His Majesty's Navy 2p on 1 leaf

- 1632 1831 Jan. [Printed] Form of the Tender for supplying, for the use of His Majesty's Navy, Iron Chain Cables, and Articles appertaining thereto, to be delivered at His Majesty's Dock Yard at Deptford/Navy Office. [Includes printed drawings and the two tables above] 12p on 6 leaves
- 1633 1831 Jan. 1 [Draft letter to Navy Board/S Goodrich, re dimensions, conditions etc of boilers on ships in port (at Portsmouth) so 'new Boilers may be prepared' where necessary] 4p on 2 leaves
- 1634 1831 Jan. 5 [Letter] Navy Office [to] S Goodrich/Sir Byam Martin, [re] Cornish Manufacturers [who] may be trusted to fit Marine Steam Engines 2p on 1 leaf
- 1635 1831 Jan. 6 Copy [letter] Portsmouth [to] Sir Byam Martin/S Goodrich, [re] Cornish manufacturers of marine engines: Messrs Harvey & Co, Hayle; The Cornish Company of the Copper House Works, Hayle; Messrs Foxes of Perran Foundry near Truro. Goodrich lists half a dozen non-Cornish manufacturers] 3p on 1 leaf
- 1636 1831 Jan. 7 [Letter] Lambeth [to] S Goodrich/Joshua Field, [re] estimate ... for machinery for Boiler making [etc] 2p on 1 leaf
- 1637 1831 Jan. 24 [Draft report to] Sir T B Martin, Comptroller of the Navy/[S Goodrich, re chain cables of Messrs Porters of Carlisle] 5p on 4 leaves
- 1638 1831 Feb. 2 Copy [table to] Master Shipwright and Master Attendant/S Goodrich, [re] Price of Short Linked Rigging Chains as Substitutes [for Rope] 1p
- 1639 1831 Feb. 7 Copy [report] Navy Office [to] Storekeeper General/[S Goodrich, re] Proving Machine for Chain Cables at Messrs Bishops and Co, Upper Ground Street, Blackfryars 2p on 1 leaf
- 1640 1831 Feb. 8 Estimate, Portsea [to] Navy Commissioners/John Rannie, for a Windlass combined with a Capstan to be fitted to HMS *Actaeon* 1p
- 1641 1831 Feb. 8 [Draft report] Navy Office [to] Storekeeper General/[S Goodrich, re erection of proving machine at Deptford Yard. Bears copy minutes by C G[raham?] and by R G M on verso]

2p on 1 leaf

- 1642 1831 Feb. [Notes/S Goodrich, re boilers of *Alban*, *Confiance* and
16-17 *Comet*] 12p on 4 leaves
- 1643 1831 Mar. [Copy report] W[oolwich] Yard [to] P Smith, [Navy Board]/ O
10 L[ang and] S Goodrich, [re purchase of *City of Edinburgh*
steam vessel. With copy letters, Feb 14, Limehouse to
?/Wm Fearnall, re steam vessels available for purchase;
Feb 21, Woolwich to Admiralty?/Lt Col Edwd Nicholls,
reporting on vessels he has inspected; minute, Feb 23,
Admiralty Office to Officers/Geo. Elliot, requesting them to
examine the *City of Edinburgh*] 1p + 4p on 1 leaf
- 1644 1831 Feb. [Copy report] W[oolwich] Yard [to Navy Board]/ O L[ang
17 and] S Goodrich, [re] Boilers of the *Confiance* [which they
have examined with Mr Field and with Mr Glyn of the
Butterly Company] 3p on 2 leaves
- 1645 1831 Feb. Copy [letter] Gateshead [to] Navy Commissioners/John
19/22 Abbot; [copy minute] Navy Office [to] Store[keeper]r
Gen[era]l/S Goodrich, [both re question of retesting
Abbot's chain cables after delivery] 1p
- 1646 1831 Feb. [Draft report] Navy Office [to] Storekeeper General/S
21 Goodrich, [re trials of Noble's ship washing engine] 4p on 2
leaves
- 1647 1831 Feb. Copy [letter] Navy Office [to] George Smith, Sec[retary to
24 Navy Board]/S Goodrich. 'On seeing Admiralty Letter for
my continuance I point out objection to doing away with
some other Officers in the Department, and signify I have
no objection to retire as had been proposed - This Letter
settled the business of my retirement'. [Bears] Copy of the
Ny. Bd's Minute on the foregoing [and footnote by Goodrich
of 1834 Feb 8] 2p on 1 leaf
- 1648 1831 Feb. [Copy letter] London [to S Goodrich?]/Wil[lia]m Morgan,
24 Stating the Price of his Engine 1p
- 1649 1831 Mar. [Tabular statement, re] Cost of Chain Pumps & hand
Pumps as reported by Portsmouth Officers 2p on 1 leaf
- 1650 1831 Mar. Calculations respecting a Proving Machine for Chain
30-May Cables/[S Goodrich. Last page bears calculations dated
26 July 12. With annotated pencil sketch of chain pins and
cogs, bearing calculations, 33 x 40.5cm] 54p on 14 leaves +
1 sheet

- 1651 1831 Mar. [Draft report] London [to] George Smith, Secretary to Navy Board/S Goodrich, [giving his opinion re copper v. wrought-iron for boilers, etc. Numerous ships are cited] 4p on 1 leaf
- 1652 1831 Mar. Sketches of parts of Capt Brown's Proving Machine for Chain Cables/[S Goodrich. Notes and ink sketches] 2p on 1 sheet
- 1653 1831 Mar. Copy [letter] Navy Office [to] George Smith/S Goodrich, [asking if 'he should attend further to the business re ... *City of Edinburgh*'; on verso is copy reply in the affirmative adding that Goodrich should also assist 'in constructing a testing Machine for Iron Cables and ... finish everything he has in hand at this time'] 2p on 1 leaf
- 1654 1831 Mar. [Letter] Perran Wharf, Cornwall [to] S Goodrich/Jas. R Carnell, 'Enquiring the particulars of our Chain Pumps at [Portsmouth] Wood Mills' 1p
- 1655 1831 Mar. Copy [letter] Commercial Road [to Navy Board]/Thos. & Wil[lia]m Brunton, [offering suggestions respecting chain cables] 3p on 1 leaf
- 1656 1831 Mar. Copy [letter] Navy Office [to] George Smith/S Goodrich, [re testing machine for iron cables] 1p
- 1657 1831 Mar. [Draft letter] Navy Office [to] Storekeeper General/S Goodrich, [re the] Long Shut and mode of welding Iron Cables 2p on 1 leaf
- 1658 1831 Mar. [Letter] Plymo. Yard [to] S Goodrich/Wm Neil, [thanking him for his kindness and making suggestions re staff structure] 2p on 1 leaf
- 1659 1831 Apr. [Letter] Navy Office [to] S Goodrich, Portsmo./J? Morton, 'Reminding me re instructions being proposed for the management of the Steam Vessel Boilers' 1p
- 1660 1831 Apr. Copy [letter] Friends Cottage, Mile End [to] George Smith/S Goodrich, [re proposed addition to printed instructions for preservation of boilers] 1p
- 1661 1831 Apr. [Letter] Navy Office [to] S Goodrich, Mile End, Portsmouth/G Smith. [The Navy Board wishes to see him. Bears, on verso, his reply of Apr 22: he will be in town as soon as he is able 'to submit the Plan for the Proving Machine for Chain Cables'] 2p on 1 leaf

- 1662 1831 Apr. [Letter] Lower Connaught Place [to] S Goodrich/George
22 Bentham, [re the illness of his father, General Bentham]
2p on 1 leaf
- 1663 1831 Apr. [Letter] Navy Office [to] S Goodrich, Mile End,
23 Portsmouth/H Rogers, [re need for him to visit 'different
Steam Engine Manufactories to make enquiries into their
competency ... to execute Orders'] 3p on 1 leaf
- 1664 1831 Apr. [Calculations and ink sketches/S Goodrich, re Mr Lloyd's
23-24 15 Ton Crane] 6p on 2 leaves
- 1665 1831 May Rough Estimate for a Proving Machine for Deptford/[S
22-26 Goodrich] 22p on 6 leaves
- 1666 1831 Jun. Memoir of Medlen's Estimate etc for proving Machine/[S
Goodrich] 1p
- 1667 1831 Jun. [Draft letter] London [to] George Smith/S Goodrich, [re]
3 construction of a Machine for proving Chain Cables
required ... at Deptford. [With 'Explanation and Description'
of same] 3p on 1 leaf + 10p on 3 leaves
- 1668 1831 Jun. [Draft] letter [Navy Office to Navy Board]/S Goodrich, [re
9 machinery for new boiler house at Portsmouth] 3p on 1
leaf
- 1669 1831 Jun. Calculations respecting the Hydraulic Plan for a Proving
9-Jul. 22 Machine/[S Goodrich. Last page bears calculation dated
1832 Jan 5] 30p on 9 leaves
- 1670 1831 Jun. [Draft letter to Navy Board/S Goodrich, re machinery and
11 personnel for new boiler house at Portsmouth] 4p on 1 leaf
- 1671 1831 Jun. [Letter] Portsmouth Yard [to] S Goodrich, Navy Office,
25 London/Jas. Scott, Millwright, [re Machine] for trying the
strength of Chain Cables. [Bears description and line
drawing] 2p on 1 leaf
- 1672 1831 Jul. Copy [letter] London [to] James Scott, Millwright in
5 Portsmouth Yd/S Goodrich, [giving opinion on his machine
for proving chain cables] 1p
- 1673 1831 Jul. [Letter] Ridge St, Halfway house [to] S Goodrich, Navy
13 Office, London/Geo. Lewis, 'requesting his
recommendation for the Situation of Draftsman – this had
been already done by S G, whose recommendation was
referred to the Officers for report' 3p on 1 leaf

- 1674 1831 Jul. Copy [letter] Navy Office [to] Storekeeper General/S
26 Goodrich, [forwarding specification and drawings (see below) of chain cable proving machine for Deptford Yard] 2p on 1 leaf
- 1675/ 1831 Jul. [No.1] Design for a Machine for proving Chain Cables.
1 26 (Signed) Simon Goodrich Line drawings, 53 x 74cm Scale 1":1'
- 1675/ 1831 Jul. No.2 ----- as above ----- [Bears note by
2 26 Goodrich: 'Hydraulic Plan completed 1833 and erected at Woolwich Dock Yd'] Line drawings, 73.5 x 53cm
- 1675/ 1831 Jul. No.3 Plan and Section shewing the situation proposed for
3 26 fixing a Machine for proving Chain Cables in His Majesty's Dock Yard at Deptford Line drawings, 55 x 67cm Scale ¼":1'
- 1675/ 1831 Jul. No.3 ----- as above ----- Line drawings,
4 26 53.5 x 66cm Scale ¼":1'
- 1676 1831 Jul. Copy Explanation and Specification with reference to the
26 accompanying Designs No.1 and No.2 and Plan and Section No.3 for the construction and fixing of a Machine for proving Chain Cables proposed to be erected in His Majesty's Dock Yard at Deptford/S Goodrich 12p on 3 leaves
- 1677 1831 Jul. Rough Estimate of the Hydraulic Plan for a Proving
28-Aug. 5 Machine/[S Goodrich] 22p on 6 leaves
- 1678 1831 Aug. Copy Extract from Capt King[']s Rep[or]ts dated 11 Aug
[and 15 Aug] on Mr Ward's Boilers/[S Goodrich] 4p on 1 leaf
- 1679 1831 Aug. [Letter] Charing Cross [to] S Goodrich/Thomas Place,
2 [inviting him to dinner. Bears note by Goodrich: 'This young man was lent me as a Draftsman by Mr Field'] 2p on 1 leaf
- 1680 1831 Aug. Memo[randu]m, Navy Office [to Navy Board]/S Goodrich,
15 [re new boiler house at Portsmouth] 2p on 1 leaf
- 1681 1831 Aug. [Letter] Portsmouth [to] S Goodrich/J Nolloth, About a
17 leading man for Boiler Making 2p on 1 leaf
- 1682 1831 Aug. [Draft letter] Navy Office [to George Elliot/?, re suggestions
19 of S Goodrich concerning changes in personnel required prior to 'the erection of a Boiler House in Portsmouth Yard'] 4p on 1 leaf

- 1683 1831 Aug. 23 Memo by the Commander Lt Otway given on Board the *Echo* S V About Ward's Boilers/[William Heard] 1p
- 1684 1831 Aug. 24 Copy [report] London [to] Sir T B Martin, Comptroller of the Navy/S Goodrich, [re the] new Boilers for high pressure Steam on Mr Ward's plan [which he inspected on the *Echo* at Woolwich] 2p on 1 leaf
- 1685 1831 Aug. 26 Copy Minute [to] Messrs Lang, Goodrich, Courtney, Kingston & Mr Field/Sir T B Martin, Comptroller, [re] Report to be made on Mr Ward's Boilers [in the *Echo*] 2p on 1 leaf
- 1686 1831 Sept. Calculations respecting the Experiment with Mr Ward's Boilers [on the *Echo*/S Goodrich] 6p on 2 leaves
- 1687/ 1831 Sept. 1-5 [Ink sketches nos. 1 to 5 re Mr Ward's Boilers on the *Echo* steam vessel/S Goodrich. Nos.1-2 and 4-5 bear notes on verso] 5 sheets
- 1688 1831 Sept. 1 [Letter] Plymo. Yard [to] S Goodrich, Navy Office, London/Wm Neil, [re dimensions of new tarring machine; repairing steam vessels (including the *Echo*); his own position, etc] 3p on 1 leaf
- 1689 1831 Sept. 5 Copy [report] Navy Office [to] George Smith/S Goodrich, George Courtney, [re] Witty's Fire Place at Woolwich Smithery [as constructed by Mr Bourne, tested against those constructed to Boulton and Watt's principle] 3p on 1 leaf
- 1690 1831 Sept. 9 Copy Memo[ran]dum, Navy Office [to] Sir T B Martin, Comptroller of the Navy/S Goodrich, [re] Witty's Apparatus for *African* S V [suggesting only one of the Boilers be fitted by Messrs Bourne & Co. Bears copy of minute by Martin re same] 2p on 1 leaf
- 1691 1831 Sept. 14 Calculations re Mr Massie's Pump/[S Goodrich, Navy Office] 1p
- 1692 1831 Sept. 15 [Copy report] Woolwich [to] Capt Warren, Woolwich/S Goodrich, Joshua Field, John Kingston, George Courtney, [re] Charcoal, Coke and Billet Wood for Experiment in H M Steam Vessel *Pluto* 3p on 1 leaf
- 1693 1831 Sept. 17 [Copy letters: Transport Office, Leith to George Smith, Secretary of Navy Board/W Fitzwilliam Wentworth;

- Newhaven, Leith to Fitzwilliam Wentworth/R W Hamilton;
Newhaven to Fitzwilliam Wentworth/Geo. Mills, re duration
of copper and wrought iron boilers of Leith Steam Packet
Co, London & Edinburgh Steam Co, United Kingdom Steam
Packet Co] 2p on 1 leaf
- 1694 1831 [Draft] Report [to] Capt Warren, Woolwich/S Goodrich, On
Sept. 25 Mr Ward's Boilers [on the *Echo*] 14p on 7 leaves
- 1695 1831 Oct. [Letter] Plymo. Yard [to] S Goodrich, Navy Office,
1 London/Wm Neil, [re Messrs Hearle and Mare being
employed on the repair of machinery of steam vessels at
the port and that a reply to his memorial seems to indicate
no appointment is intended to superintend repairs by
contract. Refers to the tarring machine. Bears précis of
Goodrich's reply] 4p on 1 leaf
- 1696 1831 Oct. Memo of Exp[erimen]t with Mr Bourn's Apparatus in the
1 *African* compared with the Common Fire Place/[S
Goodrich], Woolwich 1p
- 1697 1831 Oct. [Draft letter] Navy Office [to George Smith]/S Goodrich, [re
3 arranging about Plymouth Tarring Machine on his return
to Portsmouth. Bears copy minute, Oct 4/T B Martin, R D,
re Board's discontinuation of Goodrich's services and
asking for return of papers concerning this machine] 2p on
1 leaf
- 1698 1831 Oct. [Letter] Navy Office [to] S Goodrich/G Smith, [discontinuing
his services and requesting return of papers re Plymouth
Tarring Machine] 1p
- 1699 1831 Oct. [Draft report] Navy Office [to] George Smith/S Goodrich, [re
11 James Mill's paddle wheels on the *Brunswick*. With line
drawings, 1830 May, heavily annotated, of the *Brunswick's*
paddle wheels/William Heard, prefixed by notes by
Goodrich] 2p on 1 leaf + 3p on 1 leaf
- 1700 1831 Oct. [Draft letter] Great Ormond Street, London [to] George
14 Smith/S Goodrich, [concerning his services between Mar
31 and Sept 30 and payment for same. Bears note by
Goodrich of 1834 Feb 8: 'The Board gave me 100£ in
addition to the inclosed amount ...'] 4p on 1 leaf
- 1701 1831 Oct. List of Rough Drawings relative to the Proving Machine on
17 Hydraulic Principle/[S Goodrich] 1p
- 1702 1830 Oct. No.1 Estimate for a Pair of Iron Boilers for the *Confiance*

- 29 or *Echo*/[S Goodrich. Bears rough pencil sketch on verso]
2p on 1 leaf
- 1703 1831 Nov. [Draft letter] Friends Cottage, Mile End, Portsmouth [to]
7 Mr Courtney/S Goodrich, Suggesting what should be done
for [proceeding with fitting the New Tarring Machine at
Ply[mou]th Yd. [Bears copy letters, including: Plymouth
Yard to George Smith, Secretary, Navy Office/Charles W A
Ross; Plymouth Dock Yard to ?/Thos. Roberts, J Jackson, J
Hollinsworth, etc, re same] 5p on 2 leaves
- 1704 1831 Nov. [Notes re] The trisection of any angle/[S Goodrich. See
23 GOOD C191. Bears additional note by Goodrich of 1836 Feb
13] 4p on 1 leaf
- 1705 1831 Nov. [Notes and calculations of an] Attempt at the Problem of
26 forming a Circle equal [to] a given Square geometrically/[S
Goodrich] 4p on 1 leaf
- 1706 1831 Dec. Calculation to ascertain the Length of the Radius Rod of
9 the Parallel Motion of the Metal Mill Engine .../[S Goodrich]
8p on 5 leaves
- 1707 1831 Dec. [Letter] Bideford [to] S Goodrich, Friends Cottage, Mile-
end, near Portsea/[William Heard, giving news of his
movements and enquiring of Goodrich's. Bears on verso,
'Sketch [actually line drawing with wash to scale 3":8'] of
Vaughan & Sons Condensing Steam Engine, with 2 Pistons,
Erected in 1826 at a Mill at Bideford in Devon, for Grinding
Corn'] 2p on 1 leaf
- 1708 1831 Dec. [Letter] Woolwich [to] S Goodrich, Friends Cottage, Mile
21 End near Portsmouth/George Courtney, [re] engaging men
for Boiler Making with reference to the *Columbia*,
[machinery to be ordered from Maudslays, etc] 4p on 1 leaf
- 1709 1831 Dec. [Draft letter] Friends Cottage, Mile End, Portsmouth [to]
24 Mr Courtney, Woolwich Dock Yard/S Goodrich, [re
engaging men for boiler making] 6p on 2 leaves
- 1710 [1832] [Printed circular re new edition of] The Builder's and
Workman's New Director by Peter Nicholson/[Taylor's]
Architectural Library, High Holborn. [Bears details of other
recently published works] 3p on 1 leaf
- 1711 1832 [Printed] List of new or recent Publications upon the
subjects of Architecture, Building, Civil Engineering
etc/[Taylor's] Architectural Library, High Holborn 4p on 1

leaf

- 1712 [1831] [Rough sketch of positioning of proving machine/S Goodrich. Bears, on verso, 'Further dimensions taken on the 10 July 1831'] Ink sketch, 32 x 40cm
- 1713 1832 Extracts from [John] M'Gregor's British America in two Volumes/[S Goodrich. Perhaps he was contemplating retiring there?] 24p on 6 leaves
- 1714 [1832] Extracts from Three Years in North America by James Stuart begin[nin]g with 2nd Vol Feb 1830/[S Goodrich] 19p on 5 leaves
- 1715 [1832] Canada - Memoranda and Extracts from Lt De Roos's [Personal] narrative of Travels in the United States and Canada in 1826/[S Goodrich] 12p on 4 leaves
- 1716 [1832] Weld's Travels in the United States & Canada - made in 1794 or 1796. Notes and Extracts made in reading Isaac Weld's Travels [through the States of North America and the Provinces of Upper and Lower Canada during the years 1795, 1796 and 1797]; Extracts from S A Ferrall's [A] Ramble of 6000 Miles in America; Extracts from Mrs Trollope's tour in America in 1829-1830 & 1831; Extracts from Capt Basil Hall's tour [i.e Travels] in North America in the years 1827 & 1828/[S Goodrich] 28p on 7 leaves
- 1717 [1832] Extracts from Letters from Nova Scotia by Capt W Moorsom of the 52nd Lt. Infantry ... 1828-1829/[S Goodrich] 8p on 2 leaves
- 1718 [1832] Extracts from Three Years in Canada in 1826-7-8 by John Mactaggart/[S Goodrich] 28p on 7 leaves
- 1719 1833 Dec. 23 [Printed advertisement] From the **Hampshire Telegraph**: Climate, Soil, and Productions of Upper Canada [and, on verso,] Lands in Upper Canada to be disposed of by the Canada Company. [Bears footnote by Goodrich] 1 sheet
- 1720 [1832?] Map of the Townships in the Province of Upper Canada Engraving, 27 x 40.5cm Scale 1":50m
- 1721 1832 Jan. 2 [Printed proof letter, Perran-Wharf, near Truro [to] The Editor of the **Cornubian**/W J Henwood, [re his trials of steam engines in Cornish mines. Bears ms. letter, Jan 14 to S Goodrich, Portsmouth Dock Yard/W J Henwood, re same] 1p

- 1722 1832 Jan. 9 [Letter] Navy Office [to S Goodrich]/N C Edwards, [re Sir Thomas Hardy's mooring shackle and swivel: the drawing 'shewn in the Specification of the Chain Cable Contract is different from ... Hardy's own and original plan'] 2p on 1 leaf
- 1723 1832 Jan. 11 [Draft letter] Mile End, Portsmouth [to] N C Edwards, Navy Office/S Goodrich, [re Sir Thomas Hardy's mooring shackle and swivel] 4p on 1 leaf
- 1724 1832 Jan. 15 [Letter] Mile End, Portsmouth [to] Mr Courtney, Woolwich Dock Yard/S Goodrich, [re proving machine at Deptford Yard and its removal to Woolwich. Refers to 'Knife edged Fulcrums' and to 'experiments I made with Gurney's boiler' etc] 3p on 1 leaf
- 1725 1832 Jan. 28/Feb. 1 [Letter] Woolwich [to] S Goodrich, Friends Cottage, Mile End near Portsmouth/George Courtney, [re proving machine (Goodrich's hydraulic machine?) for Woolwich and problems encountered at Bramahs regarding increased power desired by the Admiralty; V fulcrums; site of proposed building for machine, and other Yard news. Bears line drawing of site of proposed building] 4p on 1 leaf
- 1726 1832 Jan. 31 [Letter] London Docks [to] S Goodrich/Henry R Palmer, Enquiring about Mooring Ships with Mr Park's Blocks. [Bears pencil notes by Goodrich on verso] 1p
- 1727 1832 Feb. 6 [Draft letter] Friends Cottage, Mile End near Portsmouth [to H R] Palmer/S Goodrich, About Mooring Ships with Mr Park's Blocks. [Includes rough pencil sketches] 10p on 3 leaves
- 1728 1832 Mar. 'Sketch of a Rotary Pump Constructed by Millwright of the Isle of Wight – Shewn me the 29 & 30 March'/[S Goodrich. Pencil drawing, notes, pencil sketch] 4p on 1 leaf
- 1729 1832 Mar. 15 [Details of] Examination of the Head of Mr Goodrich phrenologically by Mr DeVille. [With rough draft of same] 4p on 2 leaves + 2p on 1 leaf
- 1730 1832 Apr. 3 [Letter] Friends Cottage, Mile End, Portsmouth [to] Mr Courtney, Woolwich Dock Yard/S Goodrich, [re proving machine at Woolwich and its positioning] 4p on 1 leaf
- 1731 1832 Apr. 14 [Annotated] Sketch of the Slide Valve of the Portsea Water Works Engine/[S Goodrich] Ink sketch, 20 x 16.5cm

- 1732 1832 Sketches and Report on the Engine of the *Arrow* of the Ryde Steam Packet Company - With various data about prices and sizes of Marine Engines - Also some data about the Engines fitted in the Iron Steam Boats for India by Messrs Maudslay and Field. [Actually comprises:
- 1732/ 1832 Jul. Ink and pencil sketches of the *Arrow*, (including of the
1 17-18 Paddle Wheel)/S Goodrich 5 sheets + 2p on 2 leaves
- 1732/ 1832 Jul. 'Calculations etc respecting the Engine of the *Arrow*, Ryde
2 31-Aug. 4 Steam Vessel'/S Goodrich, London 8p on 2 leaves)
- 1732/ 1832 Aug. Draft report, Great Ormond Street, London to Mr Heather,
3 4 Secretary to Ryde Steam Packet Compy./S Goodrich, re whether *Arrow's* engine 'is fit to be repaired to be put into a new Vessel' 4p on 1 leaf
- 1732/ 1832 Aug. Details of costs of engines and parts of Messrs
4 2 Maudslays/S Goodrich q3p on 2 leaves]
- 1733 1832 Jul. [Letter] Portsmouth [to] S Goodrich/Thos. Heather,
10 Sec[retary to Portsmouth & Ryde Steam Packet] Company, [requesting him to inspect one of their ship's engines] 1p
- 1734 1832 Aug. [Letter] Gloucester Street, Portman Square [to] S
13 Goodrich, Friends Cottage, Mile End, near Portsmouth/George Bentham, 'Requesting me to register his Vote for South Hampshire' 1p
- 1735 1832 Certificate [i.e. testimonial] in favour of James Thorne a
Sept. 1 2nd Engineman late of the *Messenger*/S Goodrich, Mile End, Portsmouth. [He is in Bodmin Jail for a revenue misdemeanour] 3p on 1 leaf
- 1736 1832 [Draft letter] Friends Cottage, Mile End, Portsmouth [to]
Sept. 26 John Nolloth/S Goodrich, [re] the Block Makers at the Wood Mill [Portsmouth Dock Yard] belonging to the Class of Artificers for Superannuation 3p on 1 leaf
- 1737 1832 Oct. Extracts and Notes from the Copies of Correspondence
12 [etc 1817-1832] on Canada Communications ordered by the House of Commons to be printed 10 Feb 1831 19p on 5 leaves
- 1738 1832 Oct. [Letter] Cyfarthfa [to] S Goodrich/W Crawshay, Enquiring
25 about Pumps for lifting Large quantities of Water 2p on 1 leaf

- 1739 1832 Oct. 30 [Copy letter] Friends Cottage, Mile End near Ports[mou]th [to] Wil[lia]m Crawshay/S Goodrich, giving him some account of Pumps & Engines for lifting large quantities of Water. [Includes one page of calculations of Oct 29] 4p on 2 leaves
- 1740 1832 Nov. 13 [Letter] Lambeth [to] S Goodrich/Joshua Field. [He is coming down to estimate for a 30hp engine at the Wood Mills] 2p on 1 leaf
- 1741 1832 Nov. 22 Copy [letter] Lambeth [to] John Barrow, Sec[retar]y to the Admiralty/Maudslay Son & Field, [re their] proposals for additional Work and Materials for completing and fixing the 2nd 30H Eng. At Wood Mills, Ports[mou]th Yard 2p on 1 leaf
- 1742 1832 Dec. 30 [Letter] Lambeth [to] S Goodrich/Joshua Field. [He is sad to hear of Courtney's death. Refers to Dock Yard and steam boat engines] 2p on 1 leaf
- 1742 1832Aug. a/1 14 Copy Description of Tread Mill erected in Portsmouth Gaol/John Rannie, Portsmouth [taken by S Goodrich] 1p
- 1742 1832 Oct. a/2 4 Calculations for Estimate etc of the Tread Mill erected in Portsmouth Gaol by Mr Rannie .../[S Goodrich] 4p on 1 leaf
- 1742 1832 Oct. a/3 [Drawings of] Portsmouth Gaol Tread Mill/[S Goodrich] Line drawings, 55 x 66cm
- 1742 1832 Oct. a/4 [Annotated sketch of wheel of] Tread Mill, Portsmouth Gaol/[S Goodrich. Bears pencil sketch and dimensions, and dimensions on verso] Ink sketch, 22.5 x 37cm
- 1742 1833 Jun. a/5 29 Copy [letter] Friends Cottage, Mile End, Portsmouth [to] Edwd. Carter/S Goodrich. [He has examined the Portsmouth Gaol Tread Mill Machinery erected by John Rannie and the 'Productive Pump' and finds the charge of £250+ reasonable. Bears, on verso, copy letter, Oct 17 to Carter/Goodrich, finding Rannie's charges of £197 for the Tread Mill Machinery and £30 for the Productive Pump reasonable. With bill, in the sum of £251-9-0½ re 'Castings in Iron, Brass, and wrought iron used in Portsmouth Tread Mill', etc] 2p on 1 leaf + 2p on 1 leaf
- 1743 1833 [Printed] Dimensions of His Majesty's Ship *Neptune*, built at Portsmouth Yard, launched September 27, 1832 6p on 2 leaves

- 1744 1832 Dec. 11 [Notes and pencil sketches of] Mr Galloway's Paddle Wheels fitted on H M Steam Vessel *Carron* of Pair 50HP Engines Boulton & Watt - Take[n] at Portsmouth Dock Yard 11 Dec 1832 3p on 2 leaves
- 1745 1833 Sketch of Mr Blake's Fid for Top Masts Bowspreets etc Pencil sketch, 25.5 x 20cm
- 1746 1833 Jan.-Feb. Extra[c]ts from the **Repertory of Patents** No.XCVII Jan 1833 12p on 3 leaves
- 1747 1833 Jan. 13 [Letter] Hammersmith [to] S Goodrich, Friends Cottage, Mile End, Portsmouth/Simon Goodrich, [nephew, re shop ([see /1067](#)), and family matters] 2p on 1 leaf
- 1748 1833 Feb. 8-Mar. 4 [Notes and calculations/S Goodrich], Preparing for Lecture on history of the] Steam Engine [given to Portsmouth Philosophical Society. Bears ink sketches] 6p on 2 leaves
- 1749 1833 Feb. 9 [Ink sketches/S Goodrich, of lecture room, platform, bench] 2p on 1 sheet
- 1750 1833 Feb. 13 [Letter] Pimlico [to] S Goodrich, Portsmouth/Joseph Bramah & Sons, [re problem in preparing the cable machine at Woolwich Dock Yard. With ink sketch and line drawing on tracing paper] 3p on 1 leaf + 1p
- 1751 1833 Feb. 17-18 Memoranda respecting the Proving Machine erected at Woolwich/[S Goodrich], London. [Bears numerous calculations] 3p on 1 leaf
- 1752 1833 Feb. 18 [Letterbook copy] Observations respecting the Proving Machine [at Woolwich, to J Bramah & Sons/S Goodrich. [Bears sketch] 3p on 1 leaf
- 1753 1833 Feb. 28 [Letter] Pimlico [to] S Goodrich, Portsmouth/Joseph Bramah & Sons, [re tests with Proving Machine for chain cable at Woolwich Dock Yard] 3p on 1 leaf
- 1754 1833 Mar. 1 Calculations respecting the Question in Mr Bramah's Letter of [Feb 28/S Goodrich] 2p on 1 leaf
- 1755 1833 Mar. 1 [Draft letter] Friends Cottage, Mile End, Portsmouth [to J Bramah & Sons]/S Goodrich, [re] adjustment of the Lever Ga[u]ge of the Proving Machine [at Woolwich] 2p on 1 leaf
- 1756 1833 Mar. 9 Heads for second lecture [on the history of the steam engine, given to Portsmouth Philosophical Society/S

Goodrich] 2p on 1 leaf

- 1757 1833 Mar. 25-Apr. 2 Notes [made] in reading II Vol [John] Apr 2 Robison['s A System of Mechanical Philosophy, on Steam Engines. Bears ink sketches and tables] 24p on 6 leaves
- 1758 1833 Jul. 22 [Letter] Gloster Street, Portman Square [to] S Goodrich, Friends Cottage, Mile End, Portsmouth/George Bentham, [re expense of dredging. Bears Goodrich's draft reply of July 25 to questions asked] 4p on 1 leaf
- 1759 1833 Aug. 15-17 Calculations and Memoranda respecting an Experiment ... impelling a small Boat by Pumping ... compared with oars & Paddle wheels/[S Goodrich. Bears rough pencil sketches] 7p on 2 leaves
- 1760 1833 Oct. Printed trade circular, being] A brief description of Mr Thomas Howard's Patent Vapour Engine/King and Queen Iron Works, Rotherhithe. [Howard took out patent (no.6339) in 1832 Nov. Bears ms. Notes and ink sketches, 1835 Apr 28/Goodrich, re examining on the *Comet* 'Mr Howard's Boiler ... supplied by Messrs Maudslay', and other ms. notes, 1835 Feb, on 'the invention now applied to HM Steam Vessel *Comet*'] 4p on 1 leaf
- 1761 1834 [Card re sailings, fares and regulations for conveyance by *Sir F Drake* from Plymouth to Falmouth and to Guernsey. It connects at Plymouth with the *Brunswick* for journeys to London] 2p
- 1762 [1834?] Order of succession of the different layers of Rocks which compose the Crust of the Earth/[S Goodrich. Bears table. Watermarked 1834] 1p
- 1763 [ca.1834?] [Notes based on lectures at Institution of Civil Engineers?:] 'On Pud[d]ling'; 'On Velocity and Resistance of Vessels'; 'On Blasting Rocks'; 'On ... driving Piles'; On Water Cement'; 'On Concrete Lime & Gravel'; 'On ... introducing Oxide of Iron into a Mixture of Gravel & Lime ... to form a strong and Waterproof Cement'; 'On Artificial Water Cement'; 'On the Durability of Timber ...'; 'On Sea & Inland Navigation'. [With notes 'On Water Cement references' bearing name C Pasley. Watermarked 1834] 40p on 10 leaves + 1p
- 1764 1834 [Estimate by] Mr Voss[?] Mas[te]r House Carpenter [for] Carpenters Work [and materials] 1p

- 1765 [1834?] Plan of some Gates [possibly for] Dock at Pembroke ... proposed ... but not executed Line drawing, 39 x 32cm
- 1766 [1834?] [Drawings re] Angle Dock Gates Hanging Style/[William Heard] Pencil drawings, 27 x 53cm
- 1767 1834 Jan. [Letter] Lambeth [to] S Goodrich, Friend[s] Cottage, 18 Portsea/Joshua Field, [congratulating him on his retirement and recounting work in hand, including putting the *Echo's* engines in the *Blazer*] 3p on 1 leaf
- 1768 1834 Jan. [Letter] Hammersmith [to] S Goodrich, Friends Cottage, 19 Portsmouth/Simon Goodrich [nephew, re domestic matters and his shop ([see /1067](#))] 4p on 1 leaf
- 1769 1833 Feb. [Draft letter] Friends Cottage, Mile End, Portsmouth [to J 14 Bramah and Sons/S Goodrich, re] adjusting of the Levers of the Gauge of the Chain Cable Proving Machine 3p on 1 leaf
- 1769 1834 [Observations and calculations re weight and a Apr./1837 circumference of the Earth, etc/S Goodrich. Bears line drawings etc] 3p on 3 leaves
- 1770 1834 May Preparing Apparatus for an Experiment to ascertain 3-Jun. 22 whether any variations that take place in the Gravitating and Centrifugal Forces of bodies on the surface of the Earth can be made sensible – Call it a Spring Balance. [With chart] 28p on 14 leaves + 1p
- 1771 1834 Jan. [Printed trade circular illustrating] Chimney & Flower Pots, Vases & other articles in Cement manufactured by Wyatts Parker & Co. [Bears, on verso, their prices etc for Roman Cement] Lithograph, 25.5 x 20.5cm
- 1772 - [Printed form, with ms. insertions, showing expenditure for timber for years 1811-1813. Bears 'Procured 15 July 1834'/S Goodrich] 8p on 2 leaves
- 1773 1834 Jul. [Draft statement] London [to] Lord Auckland/S Goodrich, 25 re his going to Lisbon 'to superintend and direct the repairs of the Gates of a Dry Dock and the cleaning out of the Dock in the Arsenal there ...'] 2p on 1 leaf
- 1774 1834 Jul. Admiralty leave [to] S Goodrich/George Elliot, to go to 31 Lisbon on the business of repairing the Dock [etc] for the Portuguese Government 1p + envelope

- 1775 1834 Aug. 13 Sketch of an Arch of Westminster Bridge/[S Goodrich] Annotated pencil sketch, 20 x 32.5cm
- 1776 1834 Aug. 13 [Letter to] S Goodrich at Mr Redgrave's, Cowley St, Westminster/John Lindley, [bearing copy, and enclosing original, of letter] Aug 12, Admiralty [to] John Lindley, Horticultural Society/[Lord] Auckland, [re Goodrich's going to Lisbon] 1p + 1p + envelope
- 1776 a Ca. 1834-1835 Various Papers and Exercises on the Portuguese Language/[S Goodrich. With two newspaper cuttings] 96p on 26 leaves
- 1777 1834 Sept. 19 [Notes made on] Reading Dr Lardner's Cyclopaedia Useful Arts, Manufactures in Metals Vol III/[S Goodrich. Bears line drawings] 6p on 2 leaves
- 1778 1834 Sept. 15 [Letter] Portsea [to] S Goodrich, Lisbon/H Taplin, [re method of opening dock gates at Portsmouth. Bears ink sketches] 3p on 1 leaf
- 1779 1834 Sept. 29 Copy [letter, in Portuguese, to S Goodrich]/Francisco Antonio Rapozo. [Brigadier of the Royal Corps of Engineers, forwarding drawings of Lisbon Dock. Bears list of same and copy letter, 1835 Feb 2 to Capt Joao Pedro Nolareo da Cunha, Inspector of the Arsenal/S Goodrich, returning drawings] 3p on 1 leaf
- 1780 1834 Sept. 25- Dec. 10 Memoranda and Calculations respecting the Dock Gates and Dock in the Arsenal at Lisbon/[S Goodrich. Bears ink sketches] 60p on 17 leaves
- 1781 1834 Oct./Nov. [Two] Sketch[es] of the Well and Well House of the Lisbon Dock, [second bears text crossed through] Annotated line drawings, 2 sheets 32 x 40.5cm and 41 x 32.5cm Scale ¼":1'
- 1782 1834 Nov. 24 Copy [report] Royal Naval Arsenal, Lisbon [to] Capt Joze Xavier Bressante Leite/S Goodrich, [on extent of work and expense of repairing Dock at Lisbon. With copy of same in Portuguese] 8p on 2 leaves + 7p on 2 leaves
- 1783 1834 Nov. 24 Copy References and explanatory Observations to the Design for a Dam at the entrance of the Dock, at the Royal Arsenal at Lisbon .../S Goodrich. [Bears memo, 1836 Jun 23, Lisbon/S Goodrich, which includes copy letter, 1835 Jan 3 to him from Jose Xavier Bressante Leite, terminating his contract, and Goodrich's reply of Jan 5. With copy, in

Portuguese, of the 'References and explanatory observations'] 12p on 3 sheets + 6p on 2 sheets

- 1784 1834 Dec. Copy - of a Paper given to Mr O'Neil/[S Goodrich, Lisbon, 1 re] A Steam Engine of 12 Horses Power called an Independent Engine ... made ... by Messrs Maudslay and Field, [and details of 'grinding corn by Steam Engines in England'] 4p on 1 leaf
- 1784 1834 [Pencil sketches, line drawings re Compensation Balance a Feb.-Mar. for time keeper, etc/S Goodrich] 6p on 4 leaves
- 1784 1834 [Sketch of pump and piston movement/S Goodrich] Pencil b sketch, 32.5 x 20cm
- 1785 1835 Jan. 'Sketch by which I had the Moveable Night Stool Made'/[S Goodrich. Gives cost] Ink sketch, 30 x 21cm Scale 1:4
- 1786 1835 Jan. Sketch for a moveable [folding] bedstead/S Goodrich Ink sketch, 30 x 21cm
- 1787 1835 Jul. [Trade circular re] Lt William Rodger's patent small- 1 palmed anchor/William Hawks Senr. & Co. [Bears numerous testimonials] 3p on 1 leaf
- 1788 1835 Aug. [Copy letters, specification, estimate, calculations and ink 7-Sept. 9 and pencil sketches/S Goodrich, re] Repairs necessary to be made to the English Church at Lisbon 22p on 7 leaves
- 1789 1835 Oct. Copy [letter] Lisbon [to] Editor of the **Periodico dos 13 Pobres**/Anglicus [i.e. S Goodrich, re reappearance of Halley's Comet] 2p on 1 leaf
- 1790 1836 [Notes, calculations and line drawings/S Goodrich, Lisbon, being] Problem: What are the proportions of a Cube just contained within a Shere to those of a Cube just containing the same Sphere 1p
- 1791 1836 Feb. [Notes, calculations and pencil drawings/S Goodrich, 9 being] Squaring the Circle. Maj.Gen. Sir Ralf Ouseley's Plan from the **Mechanick Magazine** No.380 - Apr 24 1830 6p on 2 leaves
- 1792 1836 Mar. [Extracts/S Goodrich, from] **The Penny Magazine** for 1834 6 [re] Menai Suspension Bridge [and] No.69 May 1833 [re] Manchester & Liverpool Railway 2p on 1 leaf

- 1793 1836 Aug. 26 [Letter to] S Goodrich, [Lisbon]/J O'Neill, [wishing to consult him about a Dock at St Ubes (i.e. Set_bal)] 1p
- 1794 1836 Aug. 29-Sept. 1 Report [to J O'Neill]/S Goodrich, respecting the Dock at Set_bal. [Comprises Calculations about the Dock'; 'Calculation of the Tide Mill'; letter, Sept 1, Lisbon to Jose Maria O'Neil/S Goodrich, etc] 20p on 5 leaves
- 1795 1836 Sept. 9/1839 Jun. 25 [Ideas re machine for preparing distilled water from salt water/S Goodrich] 2p on 1 leaf
- 1795 a 1834 Mar./1836 Feb./Oct. Ideas [pencil sketches/S Goodrich] 5p on 4 leaves
- 1796 1837 May 9 [Extracts in French]/S Goodrich, [from] L'Homme rival de la Nature ou L'art de donner l'existence aux oiseaux e[t] principalement à la Volaille par lec moyen d'une chaleur artificielle ... (1795) 8p on 2 leaves
- 1797 1837 Oct. 31 Analysis of the Mechanical Powers of a Model .../[S Goodrich, Lisbon] 3p on 1 leaf
- 1798 1838/1840 On the extraction of the Cube and Square Roots. [Notes, calculations, ink sketches, line drawings/S Goodrich. One page bears notes on windmill near Lisbon. See /1801] 20p on 6 leaves
- 1799 1937-1840 Extracts and observations made on reading the **Mechanicks Magazine**, Dr Lardner on Steam Engine & [Dr Edward] Turner['s Elements of] **Chemistry** [and **Railroad Journal, Civil Engineer, Architects Journal**. Bear numerous ink sketches. Numbered folios 1 to 25 (+ insertion leaf)] 104p on 24 leaves
- 1799 a 1837 Dec.-1840 May [Notes and pencil and ink sketches re Hero's engine, centrifugal motion and other ideas/S Goodrich] 9 sheets/leaves
- 1800 1839 Mar. 1 [Issue of newspaper] **O Periodico dos Pobres**, no.51 [used as a cover for papers at /1799. Bears note by Goodrich 'No.50 on Lisbon Dock'] 4p on 1 leaf
- 1801 1840 [Notes, sketches and drawings]/S Goodrich, [re] Wind-mill near Lisbon, the first in the Row of the Sete Moinhos (Seven Wind-mills). [See GOOD C308 & 309] 10

sheets/leaves

- 1802 1840 Jan. Sundry Sketches and Ideas respecting Electricity & Galvanism/[S Goodrich. Notes, ink and pencil sketches, line drawings. Includes invitation of Oct 27 to Goodrich/Rev Thomas Hurst, to dine] 7 sheets/leaves
- 1803 1840 Aug. 10 [Extracts/S Goodrich, from] **The Hampshire Telegraph**, [re] Steam Machinery etc, [detailing points in which 'Mates of the Royal Navy' need to be proficient] 2p on 1 leaf
- 1804 1840 Jul.- 1841 Jan. Ext[racts] from **Mag[azine] of Science**/[S Goodrich. Numbered folios 1 to 10. Bears numerous ink sketches. With 'Extract from the Index to the **Magazine of Science** 1st Vol from No.I to No.LII'] 37p on 10 leaves + 3p on 1 leaf
- 1805 1841 Mar. 21 Observations on the Question of the Boundaries between the United States and the British Possessions in North America/S Goodrich, [being extracts from] the **Quarterly Review** for March 1841 [and elsewhere. With cutting from **The Times** newspaper, Feb 16] 10p on 3 leaves
- 1806 1841 Apr. 29/May 6 [Pencil sketches/S Goodrich, of vertical boiler] 2p on 2 leaves
- 1807 1841 Sept. 3 Extracts in reading Davis' [The] Chinese, a new Edition published in 1840/[S Goodrich. Author is John Francis Davis, former Chief Commissioner in China. Numbered folios 1 to 6] 24p on 6 leaves
- 1808 1841 Sept. Extracts in reading **A Winter in the West Indies** by Joseph John Gurney, and Colonel [Sir William] Reid on Hurricanes [i.e. **Law of Hurricanes and Variable Storms**, and his] **An attempt to develop the law of storms** (1838) 14p on 4 leaves
- 1809 1842 Rough Sketches, [one of a method of laying tiles at Lisbon, one of a tide gauge and air pump/S Goodrich] 9 sheets/leaves
- 1810 1842 Aor. 14 [Letter] Lisbon [to] S Goodrich/Wm Steel, [re 'expansive property of Steam ...' Bears list of drawings (not present)] 1p
- 1811 1842 Apr.-May [Notes, calculations, ink sketches, pencil drawings/S Goodrich, Lisbon, re expansive property of steam] 6 sheets
- 1812 1842 May 3 [Letter] Lisbon [to] S Goodrich/Wm Steel, further to his letter of Apr 14 (see /1810)] 1p

- 1813 1842 Jul. [Extracts from **Mechanicks Magazine**, 1842 May/S Goodrich, [bearing notes and ink and pencil sketches] 8p on 3 leaves
- 1814 1842 Jul. [Letter, English] College, [Lisbon, to] S Goodrich/[Rev] J 25/28 Kaye, [re steam engine for the college. With memorandum/S Goodrich, re 'Proportions for a Steam Engine'] 2p on 1 leaf + 2p on 1 leaf
- 1815 1842 Aug. [Copy letter] Lisbon [to] Rev John Kaye, English College, 19 Lisbon/S Goodrich, re steam engine for the college. With notes and calculations, Aug 11-16, re cylinders and boilers/S Goodrich] 4p on 2 leaves + 8p on 4 leaves
- 1816 1842 [Notes and calculations/S Goodrich, re dimensions of Sept. 3/6 Woolf's boiler in reply to questions by Rev J Ilsley, Professor of Philosophy at English College, Lisbon] 4p on 1 leaf
- 1817 1842 Copy [letter (2 copies), Lisbon, to] Rev Joseph Ilsley, Vice Sept. 8 President, English College, Lisbon/S Goodrich, [re dimensions of boiler for high pressure engine. With notes re boiler, valves and gauges, and pencil sketch] 4p on 2 leaves + 1p + 1p
- 1818 1842 Oct. Various Ideas for the Repair of the Dock Nov 11 in the 31-Nov. Naval Arsenal at Lisbon put down as they occur when 11 thinking on that subject/[S Goodrich. Bears ink sketches and calculations] 10p on 3 leaves
- 1819 1843 Jan. A Table of the Fluctuation of Railway Shares published by Messrs Watson, Share Brokers of Leeds, embracing the Condition of the Market for the last year (1842) From **The Times** of 16 Jan 1843 - Taking the Different lines in Alphabetical Arrangement. [Verso bears] Another circular of the same description gives the following total receipt of the undermentioned Lines in the half years ending 31 Dec of the respective years [1840, 1841, 1842; and] From **The Times** of 28 Jan 1843 the following are the receipts of Rail Ways during the Past week up to the date to which their respective returns are made/[S Goodrich] 2p on 1 leaf
- 1820 1843 Jul. [Extracts and observations/S Goodrich, re Henson's Flying 21-Aug. Machine, having read **Civil Engineer, Architects Journal** for 11 May 1843. Bears pencil diagram] 17p on 5 leaves
- 1821 1844 May Observations and extracts in reading De La Beche's 25-Sept. Geological Manual/[S Goodrich. Numbered folios 1 to 34,

- 14 folio 2 has attached slip. Bear ink sketches, tables etc]
136p on 34 leaves
- 1822 1844 Jan. [Particulars of examination of] the Entrails of a Young Sow
13 Pig which weighed 21lb after the loss of Blood and Hair
when killed/[S Goodrich] 2p on 1 leaf
- 1823 1844 Jan. [Copy correspondence between Torlades & Co, Lisbon and
15 Bramah & Robinson, Pimlico, London (successors to J
Bramah & Sons), re hydraulic press and crushing mill for
extracting olive oil/S Goodrich. With two pencil tracings re
same] 4p on 1 leaf + 2p on 2 leaves
- 1824 1844 Jan. [Extract from the **Globe** re 'Substitute for Plumbago' in
30 Electro-Plating and Electro-type/S Goodrich] 2p on 1 leaf
- 1825 1844 Jan. [Reviews of The Mechanic's Calculator ... 1835 and of The
31/Feb. 2 Mechanic's Pocket Dictionary ... 1844, both by William
Grier/S Goodrich] 4p on 1 leaf
- 1826 1844 Feb. Extracts from Wil[lia]m Sturgeon's Instruc-
13 tions on Electro-Gilding and Silvering
and in the formation and theory of Volt-
aic Batteries ... 1842/[S Goodrich.
Bears ink sketches, tables. Final page
bears 'Notices of other works by the
Author']
24p on 6 leaves
- 1827 1844 Feb. Memorandum/S Goodrich, re Dimensions of her Majesty's
25 Steam Ship *Penelope*, [etc] 2p on 1 leaf
- 1828 1844 Mar. [Notes and calculations re the Steam Engine at Almaden,
14-20 particulars being taken from **Annales des Mines** Tome II/S
Goodrich. With further notes/?, re same] 17p on 6 leaves +
7p on 2 leaves
- 1829 1844 Apr. Extracts in reading the 'Geology of the Neighbourhood of
22-25 Lisbon' by Daniel Sharp ... in the **Transactions of the**
Geol.Soc. 2nd Series Vol VI/[S Goodrich. With two ink and
wash copy sketches from same] 28p on 7 leaves + 2p on 2
leaves
- 1830 1844 Jul. [Extracts from **The Times** re lack of water on Ascension
24/Aug. 1 Island; Capt Warner's invention of shells, etc/S Goodrich]
4p on 2 leaves

- 1831 1844 Sept. [Extracts from Dictionary of Practical Medicine by James Copeland 1837, re cancer and its treatment/S Goodrich] 20p on 5 leaves
- 1832 1845 [Annotated ink sketches/S Goodrich, re wooden pins or spindles for lace-crimping machine] 1p
- 1833 1845 Feb./Apr. Observations and extracts on reading M. Becquerel's Eléments D'Electro-Chimie 1843/[S Goodrich. Bears ink sketches] 14p on 4 leaves
- 1834 1846 Jun. 22 [Observations on Mr West's letter of May 23 proposing price of £680 for horizontal steam engine/S Goodrich, Lisbon. See /1843] 2p on 1 leaf
- 1835 1846 Jan. 19 [Précis from] **Mechanics Magazine** from Oct 1845 ... [re] Exp[erimen]ts of Paddle Wheel and Screw with HMS *Beel*/S Goodrich 3p on 1 leaf
- 1836 1845 Dec. 3 [Notes from paper by ?, read to Institution of Civil Engineers/S Goodrich, re] A Steam Eng[in]e which has a lead of the Slide compared with one which has not 2p on 1 leaf
- 1837 1846 Feb. 18 [Issue of newspaper] **O Periodico dos Pobres** no.42 4p on 1 leaf
- 1838 1846 Mar. 18 [Letter to] S Goodrich/Henry Southern, [re] cost in fuel in Cornwall of an Engine of 40 horse power. [Bears, on verso, part of Goodrich's reply of Mar 19] 2p on 1 leaf
- 1839 1846 May/Sept. Observations and Calculations respecting a High Pressure [16hp] Steam Engine and Apparatus for Pumping and Crushing Ores/ [S Goodrich. Bears pencil sketches] 10p on 3 leaves
- 1840 1846 Apr. 14/25 [Notes from] **Mining Journal**, 27 Dec 1845 [re Thomas] Craddock's Improved Expansion Slide-Valve/[S Goodrich. Bears, on verso, details of notable articles from other journals] 2p on 1 leaf
- 1841 1846 May? Copy of Mr J[ohn's] first observations [re] A High Pressure Steam Engine of 16 Horse Power ... to crush ores ... and used as a Pumping Engine/[S Goodrich] 2p on 1 leaf
- 1842 1846 May 19 Copy [notes/S Goodrich, re machinery for exploring and commencing mines in mountainous country] 4p on 1 leaf

- 1843 1846 Jun. 22 Observations on West's letter of 23 [May re cost of 16hp high pressure steam engine/S Goodrich. See /1834] 2p on 1 leaf
- 1844 1846 Aug. 19 [Letter to] S Goodrich/Henry Southern, [re estimates for engines for mining purposes] 3p on 1 leaf
- 1845 1846 Aug. 16-19 [Précis of estimates and correspondence, from 1845 Jan, re 16hp engine for pumping and crushing ores/S Goodrich] 5p on 2 leaves
- 1846 1846 Sept. 25 Explanation of Machinery required for the first operations of mining in exploring for ores in a mountainous country with bad roads/S Goodrich, [bearing his draft letter to H Southern] 6p on 3 leaves
- 1847 [1847] [Notes/S Goodrich:] Descrição das Maquinas a Vapor e sua applicao á navigacao para uso dos Alumnos da Marinha, par J J G [Joseph John Gurney?] de Mattos Correa 1p
- 1848 1847 Feb. 8 [Notes based on the **Civil Engineer** and **Architects Journal** re] The Leighwater Engine/[S Goodrich. Bears calculations] 4p on 1 leaf
- 1849 1847 Mar. 6 [Notes made] Reading M. Ch. Combes Traité d'exploitation de Mines beginning here with account of the Machines à Vapeur/[S Goodrich] 1p
- 1850 1847 Feb. 11 [Notes made on] Looking over the Treatise of the Steam Engine by the Artizan Club/[S Goodrich] 4p on 1 leaf
- 1851 - [Scheme of chemical analysis for metals] Furnished to S G by Friend Barry of Plough Court, London 15p on 4 leaves
- 1852 - [Printed trade card of] Adam Murray, Surveyor & Land Agent ... St Martin's Lane, Charing Cross, for the sale of ... Scotch Agricultural Implements, Threshing Machines etc. [Bears list of products and their prices on verso]
- 1853 - [Printed trade card of] Taylor's Architectural Library, High Holborn, John Weale successor to the late Josiah Taylor ... Bookseller [now at] the Royal Astronomical Society
- 1854 - Elevation [and plan] of Transverse Piece of Southwark Bridge/[S Goodrich. Watermarked 1816] Ink sketch, 15.5 x 20cm
- 1855 - [Memorandum re shrinkage of Chalk in burning and

weight of Lime fresh from kiln and properly burnt/S
Goodrich] 1p

- 1856 - Sketch for a Many Blade[d] Knife/S Goodrich Pencil sketch,
32 x 20cm
- 1857 - Memorandum on the slip of railway wheels/S Goodrich 1p
- 1858 - Sketches of Ideas about Locomotive Engines & Tubular
Boilers/[S Goodrich] 6p on 3 leaves
- 1859 - [Notes re experiment in Electrolysis/S Goodrich. Bears ink
sketch] 1p
- 1860 - [Miscellaneous pencil and ink sketches/S Goodrich] 1
bundle

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