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MS/2032

[Papers of J Foster Petree, 1893-1970]

Compiled by James Foster Petree

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Papers of J Foster Petree. Include papers relating to Petree's involvement with the Junior Institution of Engineers and the Society for Nautical Research, to the history of the periodical **Engineering**, and to his early career in the shipbuilding industry and later years as a historian of technology. 1 box.

Box	Date	Content
/1-2	1921	[Studio portrait photos of Thomas Diamond and W A Diamond Shelved in Pictorial Collection
/3	1889 Feb- 1890 Aug	Proposed Merchant Vessels. [Estimates, calculations and statements re numerous ships, including RMS <i>Paras</i> , nos. 568-70 (<i>Lynx</i> , <i>Antelope</i> , <i>Gazelle</i> - made by Laird Bros.) and several steel twin screw Channel steamers] c.30 leaves
/4	-	[Detailed columnated statistics of over 175 ships - made by Laird Bros./Cammell Laird] 1 vol.
/5	1917 Mar 11	Procedure for designing Brown Curtis Turbines 6p ms. (in JFP's hand)
/6	-	Method of designing Parsons Turbine Blading 3p ms.
/7	1924 Sept-1937 Jan	[Papers re Petree's involvement with the Junior Institution of Engineers; he was Chairman 1931-2] 1 file
/8	1925 Jun- 1939 May	[Papers re Petree's involvement with the Society for Nautical Research] 1 file
/9	1947 Jul	(Copy) Jubilee Notes by Chas. Cooper read at a luncheon given to him in the Goring Hotel, Ebury Street, London on July 25. Mr J A Dixon in the chair. [Cooper, joint editor, with JFP, of Engineering , was celebrating 50 years with the periodical] 6p ts.
/10	1958 Feb	Notes on the Early Days of Engineering prepared by C Cooper for Mr J A Dixon

(Chairman) 66p ts.

/11 **Photographs**

Ships

- /11/1 - *Stratheden*
- /11/2 - The P. and O. Liner '*Strathallan*'
constructed at Vickers-Armstrongs
Limited Shipyard, at Barrow-in-Furness
- /11/3-4 - *Capetown Castle* [launch]
- /11/5 - MV '*Capetown Castle*'. View of one of
the main Engines
- /11/6 1944 Richard Trevithick's Cottage at
Penponds as it was before
responsibility was vested in the
Cornish Engines Preservation Society
in 1944
- /11/7 1946 ----- " -----
- in May 1946, - after restoration of
Walls, Roof and Chimneys
- /11/8 - [Copy photo of notice of availability
of special express trains ('cheap
trains for the working classes') from
Coventry to Euston enabling visits to
the Exhibition of All Nations]
- /11/9 - [Copy photo of notice of London &
North Western Railway re availability
from 1 Sept 1897 of dining
accommodation for second and third
class passengers on trains between
Euston and Birmingham, Liverpool and
Manchester]
- /11/10 1934 Jan Grossbackenbrecher Nr.22/Krupp
Grusonwerk, Magdeburg Buckau
- /11/11 1944 British Official Photograph. Captured
Flying Bomb Site in France. A
launching platform. One of the many
flying bomb sites captured during the
British advance on the Pas de Calais.
The site was destroyed by German
engineers before they retreated

/11/12 - Part of pumping plant on an Hydraulic Eroder recently supplied to the Somerset Rivers Catchment Board ... (... built by Hill's, Bristol). [Shows flange joints fitted with 'Wills-Ring'] [Kew Bridge Pumping Station, Metropolitan Water Board]

/11/13 1946 Meeting of Cornish Engines Preservation Society ... May 25

/11/14 [1946] [The Station, exterior view]

/11/15- [1946] 100" Harvey Engine
19

/11/20- 1944? [No.5 pumping engine, built by Harvey
23 in 1862. One photo, dated Apr 1944, shows the beam; three show the engine's dismantling]

/11/24- 1944? [No.4 engine, built by Harvey in 1853-
27 4. One photo dated Apr 1944, shows the beam]

/11/28 1946 64 inch Boulton and Watt engine, showing ... unusual type of cataract (the 'West Cornish' engine)

/11/29 1946 Gearwork of 100 inch cylinder engine

/11/30 - Stephenson's Sundial at Killingworth 1 photo, 2 negs

/11/31 - Old Engines at Springfield Asylum 7 photos, 7 negs

/11/32 - Claerwen Dam, [Craig Goch Reservoir, Pen-y-garreg Reservoir, visit to Maudslay company offices] 24 photos, 24 negs

/11/33 1938 Jun [Letter] London Midland and Scottish
24 Railway Company Company, Oxenholme Jcn Station, Westmorland [to] J Foster Petree/R Raffels, Stationmaster, [enclosing 3 photos (present) of Coronation Scot, Special No. 690, and of Bridge No.74 (built 1846) 1½ miles north of Oxenholme on the Lancaster & Carlisle main line. With copy letter

of reply of Jul 8]

- /11/34 1950 Maudslay Society. President's Badge] 1 photo, 2 (glass) negs
- /11/35 - Eupen, [Belgium] 8 photos, 20 negs
- /11/36 1939-1941 The David W Taylor Model Basin, [Carderock, Maryland] dedicated to research in the art of naval architecture. [Rear-Admiral Taylor was in the Construction Corps, U S Navy] 57 photos [With article (2p) from Engineering News Record of 10 Jul 1941 'Innovations dot Navy's ship model testing basin' which incorporates some of the photos; and ts. notes (2p) on the Model Basin]
- /11/37 - [Unnamed bridge] 1 photo

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