

PRO list of reference documents for Fortification researchers

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HO50

HO50/371

Richmond's report on the South Coast 1794

WO1

WO1/627 pp 415-438 533

State of Dover Defences 1804

WO1/783 p309

State of Dover Defences 1804

WO30

WO30/60

Newhaven: report on local batteries undated but c1798

WO30/68

Newhaven: report on Martello Towers 1798

WO32

WO32/6065

The Brennan Torpedo 1881 to 1887 : War Office 1887

WO33

APPROVED ARMAMENTS

PIECE NO.

1902 - WO33/254

1910 - WO33/503

1911 - WO33/558

1912? - WO33/523

1913 A1659 - WO33/639

1914 A1765 - WO33/683

1915 A1817 - WO33/706

1916 A1900 - WO33/746

1917 A2047 - WO33/828

1918 A2114 - WO33/874

1919 A2256 - WO33/942

1922-24 - WO33/1006

1922 A2472 - WO33/1007

1923 A2546 - WO33/1030

1924 A2605 - WO33/1047

1925 A2705 - WO33/1069

1926 A2834 - WO33/1111

1927 A2984 - WO33/1150

1928 A3088 - WO33/1168

1929 A3173 - WO33/1185

1930 A3310 - WO33/1220  
1931 A3427 - WO33/1249  
1932 A3557 - WO33/1279  
1933 A3707 - WO33/1312  
1935 A3947 - WO33/1371  
1936 A4172 - WO33/1414 (none mounted in U.K.)

WO33/4A Defences of Portsmouth  
1857

WO33/5 Memorandum - Field Artillery for the Defence of the Country  
22/09/1852 Hardinge

WO33/5 Memorandum on General Principles of Standing Defences suggested for  
Great Britain.  
11/1856 Burgoyne

WO33/5 Memorandum On the Defences of the Principal Commercial Ports of Great  
Britain  
1/11/85 Burgoyne

WO33/5 Memorandum on Defence for the Foreign Possessions of Great Britain  
28/11/1856 Burgoyne

WO33/5 Memorandum by the Inspector General of Fortifications  
20/07/1857 Burgoyne

WO33/5 Report to accompany Project for the Completion of the Defences of  
Portsmouth  
5/12/1857 Jervois

WO33/5 Memorandum on Defences proposed for the Protection of the Naval  
Arsenal at Devenport and Plymouth  
26/02/1858 Jervois

WO33/5 Defences for Plymouth  
04/03/1858 Burgoyne

WO33/5 Report of the Committee on "The best means of repelling an invasion of  
the United Kingdom"  
26/05/1858

WO33/5 "Memorandum relative to Protection of Dockyards and most important  
Harbours of England, also on the Defence of the Country against Invasion"  
29/10/1858 Jervois

WO33/6A "Popular fallacies with regard to security against invasion."  
06/1858 Burgoyne

WO33/6B Defences of Cherbourg  
10/10/1858 Maj. Gen. Chesney

WO33/7 Memorandum on the Probable effect of Rifled Cannon on the attack and

Defence of Fortifications”  
1855 Burgoyne

WO33/7 paper 21 “First report of a Committee which met at Horseguards under instructions of the Secretary of State for War, to take into consideration and report upon the probable influence of the new rifled cannon upon existing fortifications and future plans for new defence works.”

22/2/1859 Burgoyne

WO33/7 paper 31 “Second Report... upon the probable influence of the new rifled cannon upon existing fortifications and future plans for new defence works”

7/4/1859

WO33/7 Memorandum relative to the Defences of Portsmouth Proposed with reference to the proposed long range and accurate aim of Armstrong’s gun -

22/1/1859 Jervois

WO33/7/paper 61 Report by Colonel Lefroy on Mediterranean Fortresses

WO33/7 Statement of Fortifications : Services and Amounts

Un-dated

WO33/8 Estimates for and comments on fortification for dockyards and arsenals.

1859

WO33/8 Paper 84 Report on proposals for the Defence of Malta

WO33/9 Defence Committee minute relating to the Royal Commission for National Defence.

1860

WO33/9 Report by Coode on the foundations for the forts at Spithead.

1/12/1860.

WO33/9 paper 103 History of the Armstrong Gun

WO33/9 paper 111 Report of the Committee appointed by H.R.H. The General Commanding in Chief to revise the confidential circulars of 1853 on the equipment of Coast Batteries.

March 1861.

WO33/9 paper 122 Report by Mr. Hawkshaw on the Proposed Forts at Spithead Portsmouth.

30/11/1860

WO33/9 paper 123 Report by Mr. Wright on the Proposed Forts at Spithead Portsmouth.

WO33/10 Papers 1861.

WO33/10 Report by Hughes on the foundations for the forts at Spithead.

WO33/10 Report by Bidder & co. on the foundations for the forts at Spithead.

1860

WO33/10 Westmacott - Report on Coast defences of U.K.

WO33/10 Paper 137 Proposed substitution of Iron Cased Ships for the Spithead Forts  
1862 Burgoyne

WO33/11 Army fortifications vote 12 1862-63.

WO33/11 Paper 165 Memorandum on the Defences of Canada  
1862 Burgoyne

WO33/11 Paper 168 Army Fortifications Vote 12  
1862-63

WO33/11 Paper 185 Report of the Royal Commission on Canadian Defences  
1862

WO33/13 State of Dover defences  
1864

WO33/17A Report on progress made in the construction of Fortifications for the defence of Naval dockyards and Arsenals in the U.K.  
1864.

WO33/17A Paper 299 Memorandum on Casemated Structure with Iron Shields at Shoeburyness  
1866

WO33/18 Paper 323 Report of Forts Commission on Proposed Defence of Melbourne and Port Jackson  
1867

WO33/18 Paper 335 Report on the Gibraltar Shield  
1867

WO33/18 Paper 327 Report on Defence of Port Phillip and Hobso's Bay.  
1867

WO33/18 Paper 336 Report on the Defences of Malta and Gibraltar needed by introduction of iron plated ships and rifled guns.  
1867

WO33/20 Report of the Committee on Fortifications.  
Un-dated

WO33/20 Paper 386 Memorandum on Iron Shields  
1869

WO33/22 Precis on Moncrieff Carriages.

WO33/25 Report of the Committee on Coast Defence.

1873

WO33/26 Fortifications of Portsmouth. 1874

WO33/26 Report with reference to the Progress made in the Construction of the Fortification for the Defence of the Dockyards and Naval Arsenals  
February 1874 Jervois

WO33/27 Abstracts of proceedings of Director of Artillery -  
quarter to 31/5/1875

WO33/28 Reports of experiments conducted by the War Office Torpedo Committee  
at Stokes Bay and elsewhere  
1875 & 1876.

WO33/28  
Abstracts of Proceedings of Director of Artillery & Stores  
quarter to 30/6/1875

WO33/28 Annual Report of Director of Artillery & Stores  
March 1876

WO33/32 Paper 674 Memorandum on the Defences of Gibraltar  
1878

WO33/32 Paper 676 Memorandum on the Defences of Malta  
1878

WO33/32 Abstracts of Proceedings of Director of Artillery & Stores  
quarter to Dec 1877

WO33/32 Abstracts of Proceedings of Director of Artillery & Stores  
quarter to March 1878

Abstracts of proceedings of department of Director of Artillery for quarter ending 31st March 1878  
Abstracts of proceedings of department of Director of Artillery for quarter ending 30th June 1878

WO33/33

Abstracts of proceedings of department of Director of Artillery for quarter ending 30th Sept. 1878  
Abstracts of proceedings of department of Director of Artillery for quarter ending 31st March 1879

Report of Director of Artillery and Stores

WO33/34

Abstracts of proceedings of department of Director of Artillery for quarter ending 30 June 1879  
Abstracts of proceedings of department of Director of Artillery for quarter ending 30 September 1879  
Abstracts of proceedings of department of Director of Artillery for quarter ending 31 December 1879

WO33/35

Abstracts of proceedings of department of Director of Artillery for quarter ending 31st March 1880  
Abstracts of proceedings of department of Director of Artillery for quarter ending 30th June, 1880

WO33/36

Abstract of proceedings of department of Director of Artillery for quarter ending 30th Sept. 1880

WO33/37

Abstracts of proceedings of department of Director of Artillery for quarter ending 31st March 1881

Abstracts of proceedings of department of Director of Artillery for quarter ending 31st Dec. 1880

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Abstracts of proceedings of department of Director of Artillery for quarter ending 31st Dec. 1881  
WO33/39

Abstracts of proceedings of department of Director of Artillery for quarter ending 31st March 1882

Abstracts of proceedings of department of Director of Artillery for quarter ending 30th June 1882

Abstracts of proceedings of department of Director of Artillery for quarter ending 30th Sept. 1882

WO 33/40

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Quarter Ending 31st. December 1882

WO33/ 41

Abstracts of Proceedings of the Department of the Director of Artillery for the  
Quarter Ending 31st. March 1883

WO33/42 PAPERS 1884

No Abstracts

WO33/43

Memorandum on the defence of the mercantile ports of the United Kingdom with  
appendices- London 1885

Abstracts of Proceedings of the Department of the Director of Artillery for the  
Quarter Ending 30th. June 1883

Abstracts of Proceedings of the Department of the Director of Artillery for the  
Quarter Ending 30th. September 1883

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Quarter Ending 31st. March 1884

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Quarter Ending 30th. June 1884

WO33/44 Correspondence as to Defence of Military Ports General No.5/3325  
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for the Quarter ending 30th. September 1884.

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and 22nd October 1885.

WO33/46 Papers 1886:

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Annual report of the President Ordnance Committee for the year ending 1886

Report of the Consultative Committee on Coast Defence Duties with appendices  
1890.

Abstracts of Proceedings of the Department of the Director of Artillery for the  
Quarter Ending 31st. December 1885

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Quarter Ending 31st. March 1886

Committee appointed to consider reports on the Indian defences  
(4 th. report - The Hooghly 1886)

Abstracts of Proceedings of the Department of the Director of Artillery for the  
Quarter Ending 30th. June 1886

WO33/46 I.G.F.s Report on the Great Military Harbours.  
Un-dated

WO33/46 Principle Measures initiated by Sir A. Clarke during his Tenure of Office  
as Inspector General of Fortifications.

WO33/47 papers 1887

Abstracts of Proceedings of the Department of the Director of Artillery for the  
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WO33/47 Proposed re-organisation of the personnel required for Coast Defence.

WO33/47 Memo. of Inspector-General of Fortifications on Coast Defences  
25/3/1887

WO33/47p. 878 State of Dover defences. Same document?

WO33/47 Report of a consultative committee appointed by the Secretary of State for  
War to consider with him the plans for proposed for the fortification and armament  
of our military and mercantile ports and of the relative importance and approximate  
cost of the works and armaments necessary for the adequate defence of these  
stations together with minutes of evidence. 1887

WO33/47 Abstracts of Proceedings of the Department of the Director of Artillery  
for the Quarter Ending 31st. December 1886.

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WO33/48 Papers 1888

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Abstracts of Proceedings of the Department of the Director of Artillery for the  
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WO33/48

Joint report on Malta by Lieut General Sir Lothian Nicholson KB and Major General  
Goodenough CB. Malta

WO33/49 Executive measures to be taken in case of apprehended invasion.  
Un-dated

WO33/50 Annual Report of Director of Artillery & Stores 1886  
Report on the Account of Army Expenditure from 1888 to 1889  
Extracts from the 8th. Annual Report of the President Ordnance Committee

WO33/ 51 papers 1891  
Extracts from the Annual Report of the President of the Ordnance Committee for the year 1890

WO33/52 Papers 1892  
Annual Report of the President Ordnance Committee for the year ended 1891  
Extracts from the Annual Report of the President Ordnance Committee for the year 1891

WO33/53 Papers 1893  
Annual Report of the President Ordnance Committee for the year ended 1892

WO33/54 Annual Report of the President Ordnance Committee for the year ended 1893

WO33/80  
Trials of 6-inch HP mountings, spring, counterweight (Buffinton Crozier)

WO33/215 Committee on R.A. Organisation 1898.

WO33/220 Memo on the strategic conditions of coast defence of the U.K. and Channel Islands. 1902

WO33/221 Memo on the strategic conditions of coast defence of the U.K.

WO33/221 New Volunteer Efficiency regulations  
1902.

WO33/205 Memo on the strategic conditions of coast defence of the U.K.  
1904

WO33/291 S.E. Defence Scheme revised to 30/9/1903

WO33/305 memorandum on Strategic conditions of Coast Defence of the U.K.1904

WO33/383 Portsmouth Fortress defence Scheme 1905.

WO33/437 Dover Defence Scheme revised to 31/5/1907

WO33/440 Portsmouth Fortress Defence Scheme 1907.

WO33/488 Dover Defence Scheme  
revised to Feb 1910

WO33/521 Ammendments to Portsmouth Defence Scheme 1911.



WO33/532 Land defences of U.K. Eastern zone Parts I and II  
1880.

WO33/539 1907-1911 Land defences of the U.K. Northern Zone Part IIIB.

WO33/551 Portsmouth Fortress Defence Scheme 1910.

WO33/567 Headquarters of Fortresses and Defended Ports and Sections of Defence  
Thereof in the U.K. and Channel Islands. 1900

WO33/575 Report of the Committee on land defences of Portsmouth Plymouth and  
hatham.

WO33/697 Manual of Coast Fortress Defences 1890.

WO33/711 1915 Manual of Coast Defence Range Finding Part II.

WO33/800 1916 War Establishment Part III.

WO33/810 War Establishment : Manning & Maintenance details of D.E.L.s and  
telephones in Garrisons at Home.

WO33/835 1917-18 War Establishments and Headquarters of Garrisons in the U.K.  
Part III.

WO33/839 1917 War Establishments and Headquarters of Garrisons in the U.K.  
Part IIIA

WO33/861 Approved D.E.L.S

WO33/910 Coast Defence Range Finding

WO33/944 Chain of Artillery Command N0.6, 7, 8 & 9.

WO33/959 1920 Sub-Committee on Coast Defence Range Finding

WO33/1061 1925 Coast Defence Policy

WO33/1201 1928-1929 Committee on Coast Defence Requirements.

WO33/1864 List of experimental guns under trial by Ordnance Select Committee.

WO44

WO44/282(?)

Ordnance property report  
1844 (BKP)

WO44/284

Contains 1849 plan of Newhaven showing 1759 battery layout (BKP)

WO44/286  
Ordnance property report  
1854 (BKP)

WO46  
WO46/8 Board of Ordnance general out-letters 1748-1773

WO47

WO47/54 pp 249 341 375  
Newhaven: erection of batteries (BKP)

WO47/55 pp 302 444 495  
Newhaven: erection of batteries (BKP)

WO47/91 p 560  
Dover Defences state of 1778

WO53  
WO53/1679 Miscellaneous

WO55

WO55/1-2 Reports

WO55/1548 Memo by the Duke of Wellington on Naval Defence  
1845

WO55/1548 Memo by the Duke of Wellington on the Works of Defence proposed  
for the Naval Arsenals and Dockyards  
1884

WO55/1548 Proposed General Principles of Works of Defence for Great Britain  
I.G.F. 1855

WO55/1563 Remarks upon the Bastioned and Polygonal system of Permanent  
Fortifications by Lt. Stokes.  
Un-dated

WO55/1998 Records of the Board of Ordnance Office in Portsmouth  
1755-1756

WO78 PLANS  
WO78/1094  
Map: Folkestone Martello Towers 1865 (BKP)

WO78/1493  
Maker Plymouth 1782 (W.M.S.)

WO78/1530  
Maker Plymouth. Project for a main fort (W.M.S.)

WO78/1900

Maker Plymouth (W.M.S.)

WO78/199

Map: Sussex 1813: positions of Martello Towers Nos 39-74 (BKP)

WO78/2036

Map: Sussex Pevensey Bay Langney and Martello Towers  
(BKP)

WO78/2128

Map: Military telegraphs (BKP)

WO78/2207

Eastbourne Martello Tower and Fort 1901 (BKP)

WO78/2469

Map: Coast ports O.S. 1885 (BKP)

WO78/2469

Map: Sussex Newhaven to Hove O.S. 1879 (BKP)

WO78/2578

Map: Dymchurch to Eastware Bay (BKP)

WO78/2599

Map: Sussex Pevensey 1808 with Martello Towers Nos 60-65 (BKP)

WO78/2599

Map: Sussex Westham 1808 with Martello Towers Nos 66 67 69  
70 + E/W Forts (BKP)

WO78/2599

Map: Sussex Eastbourne with Martello Towers Nos 68 71 72  
74 and Redoubt (BKP)

WO78/2599

Map: Sussex Antony Hill Langney Eastbourne Pevensey  
Ordnance land 1808 (BKP)

WO78/2610

Maker Plymouth (W.M.S.)

WO78/3479

Fort Scraesdon Plymouth 1895 (W.M.S.)

WO78/3698

Fort Tregantle Plymouth 1915 (W.M.S.)

WO78/4144

Penlee Plymouth 1904 (W.M.S.)

WO78/4367

Forts Staddon Stamford Polhawn Plymouth 1860 (Said to be an excellent drawing W.M.S.)

WO78/4492

Martello Towers Nos 30-59 incl: Rye and Brighton districts plans (BKP)

WO78/4492(?)

Rye Brighton and Eastbourne Martello Towers 1861 (BKP)

WO78/4767-9

Map: Kent O.S. 1898 (BKP)

WO78/5106 (1) and (2)

Plans Admiralty Pier Fort Dover corrected to 1891

WO78/511

Map: Kent 1816 O.S. (BKP)

WO78/544

Map: Kent 1819 O.S. (BKP)

WO78/628

Map: East Sussex O.S. c1870 (BKP)

WO78/680

Maker Plymouth 1785 (W.M.S.)

WO78/681

Maker Plymouth 1785 (W.M.S.)

WO78/952

Map: Sussex Yeahell and Gardner(?) 1778 reprint with Martello Towers (BKP)

WO106

WO106/5912

Anti-aircraft matters (WO106 contains 8 war-time references and 8 references to A A matters 1951-57 ABS)

WO192 FORT RECORD BOOKS

WO192/47 Newhaven Fort 1904-1939

WO192/48 Coalhouse Fort 1911-1943

WO192/53 Grain 1930-1937

WO192/55 Grain 1937-1942

WO192/83 Grain 1942-1945

WO192/120 Hawkins Battery 1903-1928

WO192/121 Whitesand Bay battery 1905-1912

WO192/122 Grenville battery 1906-1917

WO192/123 Sandown Barrack battery 1906-26

WO192/124 Warden Point battery 1877-1929

WO192/125 Freshwater Redoubt battery 1909-1918 (1893-1918)

WO192/126 Freshwater Redoubt battery 1856-1915  
WO192/127 Culver battery 1914-1929

WO192/129 Cliff End and Albert batteries 1856-1940  
WO192/130 Warden battery 1863-1945  
WO192/131 Fort Warden 1863-1945  
WO192/132 Culver battery 1906-1939  
WO192/133 Culver battery 1906-1939  
WO192/134 Needles fire command 1863-1943

WO192/49 Dartmouth battery 1941-1943

WO192/155 Flatholm Island 1895-1944

WO192/196 Pier Turret Battery Dover

WO192/281 New Needles Battery 1916-1954 (1863-1954)  
WO192/282 Sandown, Yaverland battery 1926-1957  
WO192/283 Old Needle fire command post 1931-1955  
WO192/284 Ryde, Nodes battery 1900-1957 (1900-1957)  
WO192/285 Culver battery 1933-1952 (1906-1952)  
WO192/286 Cliff End Fort 1939-1952 (1877-1957)  
WO192/287 Yarmouth Bouldnor battery 1939-1957  
WO192/288 Hurst Castle battery 1541-1957 (1940-1957)  
WO192/289 Culver battery (6") 1941-1957

WO192/302 Point battery and Square Tower 1536-1957 (1908-1957)  
WO192/303 Spit Sands Fort 1886-1957 (1913-1957)

WO192/305 Blockhouse battery 1930-1957 (1939-1957)  
WO192/306 Calshot, Stonepoint battery 1940-1948  
WO192/307 Calshot, Bungalow battery 1940-44  
WO192/308 Horse Sand Fort 1886-1957 (1940-57)  
WO192309 No Mans Land Fort 1886-1957 (1941-1957)

WO192/196 Pier Turret Battery Dover

WO396 /1/2/3/4/5

RA and RE Works Committee Reports

CAB

CAB 12 Committee of imperial defence : Home Defence Ports Committee Minutes of meetings No.1 to 38 1909 to 1921

ZHC1

ZHC1/2577 The report of the Commissioners appointed to consider the defence of the United Kingdom, together with minutes of evidence, appendices and correspondence relating to the site of an internal arsenal  
22/08/1859

ZHC1/3287 Report of the committee appointed to enquire into the construction, condition and cost of fortifications erected in 30/31 Victoria statutes, together with

minutes of evidence. 1868

ZHC1/2739 Report of the Commissioners of national Defence on Proposed system of Fortification at Spithead 1/4/1862 XXVII I.

ZHC1/2903 Report of the special committee appointed by the Secretary of State for War on alterations requisite in the original plan for defence of Spithead, in consequence of the abandonment of the work on Sturbridge, with plan 1864 XXXV.

David Moore - updated to 5/11/91