

# Index to the Redan

The index numbers given are in the form of: **{Redan No}** / pages.

Additionally, under the category of "Forts & Batteries" if a Fort Log exists it is denoted by **FL**. Fort Logs were published by the Palmerston Forts Society to give the principal facts about a fortification together with a plan and a picture, designed to be printed on A4 or downloaded to a hand-held device for use in the field.

## A

Aberdeen defences .....	46/36-48
Accidents involving guns .....	40/32-34, 77/84-85, 81/8-12
Adjutant precedence .....	55/31
Aerial views of Portsmouth forts .....	42/2-6
Alderney defences .....	30/13-17, 82/1-40, 83/1-38
Aldershot .....	79/75-89, 79/93-96
Alexandria (Egypt) 9 inch RML on Moncrieff mounting .....	28/34, 36/42
Ambulance military .....	47/35-40
Ammunition	
See also: Explosives	
Barrows .....	71/131-133
Cartridges .....	45/8
Dynamite Shell .....	85/23-29
Gas Check .....	17/22, 52/36
General description .....	9
Hoists .....	69/53-65
Regulations for storage .....	32/15-21
RBL 7 inch .....	45/15 & 20
RML 64 pdr .....	27/18-20, 45/15 & 20
Zinc cylinders RML guns .....	31/12-15
Ammunition storage and gun grouping at Forts Nelson and Widley .....	48/19-22
Anglicanus Portsmouth defences .....	38/2-3
Arcs traversing and pointers .....	32/13, 38/10, 39/13, 40/11
Armament:	
Fort Nelson .....	9, 12/12, 13 & 24
Fort Gilkicker .....	85/30-71
Portsmouth Defences 1905 .....	11/9
Armament Returns National Archive references .....	21/6
Arming the Forts .....	24/33-35, 30/19-20
Armoured Shields:	
Du Cane Lecture (1863) .....	86/83-92
Jervois Lecture (1868) .....	84/22-48
Gibraltar Shield .....	84/42
Fort Gilkicker .....	85/30-71
Horse Sand Fort .....	28/19-21, 84/44-45
Laminated Shields .....	84/43, 84/48
No Mans Land Fort .....	28/19-21
St Helen's Fort .....	84/37
Segmental Shield .....	84/37
Spitbank Fort .....	41/28
Armstrong W.G. .....	26/2-5, 28/2, 30/27-40, 31/32, 33/25-26
Armstrong's Protected Barbette .....	26/2-5, 27/2-5, 31/17-19
Armstrong's 6 inch QF (USA) .....	68/5-19
Army Cuisine .....	59/45-50

Army, Victorian British .....	78/1-27, 79/75-89
Army Pay (1855) .....	50/27
Army Signalling .....	52/2
Artillery Competition .....	74/17-19
Artillery Director of Committee Minutes .....	24/33-35, 26/6 & 18, 27/32,
.....	28/30, 33-34, 29/28-32, 30/22,
.....	31/6, 15, 16 & 19, 32/6-7, 33/16,
.....	35/36, 37/14, 43/44-45, 69/66-69
Artillery, Faith .....	29/33
Artillery Groups .....	33/2, 35/37, 48/19-22
Artillery of the Jameson Raid .....	68/112-130
Artillery Reports .....	21/29-31
Artillery Terms Committee .....	23/18
Artillery workshops and forges .....	32/10
Atkins Tommy	
Christmas Dinner, rations and diet .....	53/40-49
Domestic Life .....	46/2-10
In Hospital .....	72/25-32
Married Life .....	50/2-17
The Soldier at Play .....	74/1-13
The Unmaking of (Discharge) .....	75/1-19
The Volunteer Artilleryman .....	77/2-37
Ascension Island .....	76/1-24
Australia: Queensland Fort Lytton .....	34/24-26
Australia and New Zealand Boer Artillery trophies .....	56/39-44, 57/37, 59/24-30
Aviation and the Forts .....	34/37-47, 35/37-38

## **B**

Barbette Armstrong's Protected .....	26/2-5, 27/2-5, 31/17-19
Barges, Gun .....	81/46-51
Barrack Accommodation .....	19/13, 35/36, 44/37-40, 45/47, 46/2-10,
.....	79/75-89
Barrack Accommodation at Fort Nelson .....	14/11-16
Battery 35H at Fort Nelson .....	22/28, 25/34
Battle of Portsmouth volunteer review (1882) .....	42/12-18, 49/40-48
Beds hospital .....	47/34
Berehaven defences (Irish Republic) .....	37/23-37, 74/114-119
Billiards .....	41/37-43
Binoculars .....	29/31
Boer Artillery trophies in Australia and New Zealand .....	56/39-44, 57/37, 59/24-30
Boer Krupp guns .....	66/11-31, 67/60
Boer Maxim guns .....	65/21-37, 68/112-130
Boer Republics Armstrong RML guns .....	60/9-28
Boer Whitworth guns .....	58/11-17
Boer War captured guns .....	43/36-39
Boer War clothing and gear – re-enactors' guide .....	61/29-40
Boer War Hampshire Volunteers .....	86/41-54
Boer War machine guns .....	65/21-37
Boer War monster guns .....	63/2-18
Boer War railway guns .....	77/40-65
Boer War siege artillery .....	79/1-19
Boer War and Portsmouth forts .....	29/25-27
Bombardment of Saltport .....	80/1-12
Book Reviews:	
A Guide to the Western Heights Dover by D Burridge ..	25/35
A Legacy in Brick and Stone by J R Weaver .....	56/53
A Tidy Little War by W Wright .....	70/139
Alderney's Victorian Forts & Harbour by T Davenport ...	73/92
Allied Artillery of World War I by I V Hogg .....	45/47

Allied Artillery of World War II by I V Hogg .....	45/48
American Coastal Defences 1885-1950 by T McGovern and B Smith .....	68/138
American Civil War Fortifications (1) by A Konstan .....	68/137
American Civil War Fortifications (2) by R Field .....	68/137
American Civil War Fortifications (3) by R Field .....	69/93
America's Fortress by T Read .....	68/136
Bermuda Forts 1612 to 1957 by Dr E C Harris .....	42/43-44
Between Two Oceans by M H Murfett & others .....	50/52
Bismarck's First War by M Ernbee .....	70/132
Bitter Victory: The Battle of Custoza 1866 by J Pocock .....	58/42
British Barracks 1600 to 1914 by J Douet .....	45/47
British Commonwealth Web Equipment 1871-1944 .....	66/52
Castles, Town Defences and Artillery Fortifications In the United Kingdom & Ireland By J R Kenyon .....	69/95
Castles and Fortifications in Ireland 1485 to 1945 by P M Kerrigan .....	35/38-39
Colonial Armies in Africa 1850-1918 by P Abbott .....	69/96
Defending Scilly by M Bowden & A Brodie .....	73/98
Discovering Fortifications by B Lowry .....	68/135
Dover Castle and the Defence of Dover by J Coad .....	35/39
Dover Castle, a Frontline Fortress and its Wartime Tunnels by J Coad .....	74/121
Dover's Hidden Fortress by J Peverley .....	39/41
Duelling with Long Toms by D Martin .....	51/48
English Martello Towers by R M Telling .....	48/47
Fortress Falmouth (2 Volumes) by D Linzey .....	52/45
Fortress Ireland by J H McEnery .....	69/91
Fortress Scotland and the Jacobites by C Tabraham & D Grove .....	35/40
Fort Morgan by B England & others .....	56/52
Forts or Follies: A History of Plymouth's Palmerston Forts by F W Woodward .....	43/43, 44/42
Front line Kent by V T C Smith .....	58/44
Gosport in Old Photographs .....	24/37
Gosport in Old Picture Postcards .....	24/37
Guns and Carriages by A C Carpenter .....	47/41-42
Handbook on Martello Towers by R M Telling .....	48/47
Imperial Defence 1868 to 1887 by Dr D M Schurman ..	58/43
Into the Jaws of Death by Lt-Col M Snook.....	69/98
Ironclads at War by J Greene & A Massignami .....	47/44
Khartoum: The Ultimate Imperial Adventure by M Asher .....	68/140-141
La Garde Impériale de Napoleon III by L Delporier .....	56/51
La Neuvieme Croisade 1860-1870 by P Crociani & P Fiorentino .....	56/50-51
Landguard Fort by P Pattison .....	68/134
Martello Towers Worldwide by B Clements .....	73/96-97
Old Sea Forts of Florida and Old Sea Forts of Louisiana & Mississippi) by D Manuel .....	49/49
Pendenais Castle and St Mawes Castle By P Pattison ..	70/138
Petersburg 1964-65 by R Field .....	70/136
Portsmouth in Old Photographs .....	24/37
Ramparts of Empire by Dr T Crick.....	73/93-94
Recollections of an Airman by L A Strange .....	22/30
San Juan Hill 1898 by A Konstom .....	46/50-51
Sedan 1870 by D Fermer .....	69/100

Sentinels of Savannah by D Manuel .....	<b>49/49</b>
Shoot Shoot Shoot by R Lovatt .....	<b>37/43</b>
Solferino 1859 by R Brooks .....	<b>70/135</b>
Southsea Castle by S Brooks .....	<b>38/43-44</b>
Strong as the Rock of Gibraltar	
by Drs Q Hughes & A Migos .....	<b>34/48</b>
The Austro-Prussian War by G Wawro .....	<b>42/45</b>
The Brennan Torpedo by A Beanse .....	<b>40/37</b>
The Campaign of Magenta and Solferino 1859	
by H L Wyllly .....	<b>42/45</b>
The Castles of Henry VIII by P Harrington.....	<b>69/92</b>
The Castles of Pendennis and St Mawes by D Linzey ..	<b>48/47-48</b>
The Catalytic Wars: A Study of the Development of	
Warfare 1860-1870 by P Howes .....	<b>45/48</b>
The Danish German War 1864 by J Neilson .....	<b>38/42</b>
The Death of the Prince Imperial in Zululand 1879	
by W P Philips .....	<b>40/37</b>
The Defences of Lower Mobile Bay by D Manuel .....	<b>49/49</b>
The Defence of the Dardanelles by M Forrest .....	<b>74/120-121</b>
The First Carlist War 1833-40 by C Cairns .....	<b>70/137</b>
The First Schleswig-Holstein War 1848-50	
by N Svendsen .....	<b>70/131</b>
The Fortifications of Alderney	
by C Partridge & T Davenport .....	<b>30/41</b>
The Fortifications of Gibraltar by D Fa and C Finlayson	<b>68/133</b>
The Forts of the Meuse in World War I by C Donnell ....	<b>68/132</b>
The Guns and Gunners of Malta by G Rollo .....	<b>48/48-49</b>
The Head of Captain Danjou by C Richards .....	<b>68/139-140</b>
The High Road to Command by E Ironside .....	<b>23/36</b>
The Historic Defences of Plymouth	
by A Pye & F Woodward .....	<b>39/41</b>
The History of Archcliffe Fort Dover by D E Welby .....	<b>23/37</b>
The Italian Campaign of 1859 by W F Knollys .....	<b>56/51-52</b>
The March to Kandahar by R Atwood .....	<b>70/133</b>
The Palmerston Forts of the South-West by J Kinross ..	<b>46/51</b>
The Pope's Legion by C A Coulombe.....	<b>73/95</b>
The Schleswig Holstein Revolt 1848-1850 by J Nielson	<b>38/42</b>
The Spanish American War 1898 by A A Nofi .....	<b>46/51</b>
The Victorian Lines by R C Zammit .....	<b>38/42-43</b>
Towers of Strength by W H Clements .....	<b>47/42-43</b>
Twentieth Century Defences in Britain by B Lowry .....	<b>35/40</b>
Whaley: The Story of HMS Excellent 1830- 1980 .....	<b>24/37</b>
Brading William .....	<b>36/2-10, 37/2-8, 38/45</b>
Breakwaters: Plymouth and Portland .....	<b>39/16-21</b>
Brennan Torpedo .....	<b>25/35-37, 28/3-14, 29/2-16, 30/18-19,</b>
.....	<b>31/26-27, 32/22-30, 35/37</b>
Bricks .....	<b>77/66-68</b>
Bridge caponiers late 19th century .....	<b>59/2-9</b>
Bridge rolling (Chatham) .....	<b>35/29-31, 36/38-39</b>
Bridge rolling Guthries self balanced .....	<b>15/19-22, 16/13-15, 25/17-22, 26/19-24,</b>
.....	<b>35/32</b>
Bristol Channel (& Swansea) defences .....	<b>22/27, 50/28-51, 85/1-22</b>
British Defences in 1840s and 1850s .....	<b>27/21-31</b>
Brummers German 420 mm howitzer & Forts of Liege .....	<b>47/12-16, 48/2-7</b>
Buffers & Compressors .....	<b>32/6-8</b>
Building the fortifications:	
Dartmouth .....	<b>45/35-36</b>
Spithead.....	<b>69/32-50</b>
Portsmouth .....	<b>70/21, 77/66-68</b>

## C

### Canada

Esquimalt defences .....	81/52-90
Halifax defences .....	43/2-5, 72/40-60
Kingston defences .....	16/3-8
Quebec Fort No 1 Point Levis .....	18/6-10
Rideau Canal defences .....	70/113-125
St. John's defences .....	72/61-91
Canteen regimental .....	59/50
Captured Boer War guns .....	43/36-39
Caponiers .....	27/32, 28/30, 54/47-53, 55/17-27, 59/2-9

### Carriages

Depression .....	57/33-37
Garrison: see also Traversing platforms	
High angle RML 9 inch 12 tons .....	34/29-35
Naval RML 7 inch 6.5 tons (converted) .....	28/31-32
Naval RML 9 inch 12 tons (converted) .....	33/17-18
Sliding medium .....	25/16
Sliding 7 inch 7 tons .....	27/7-14, 29/17-18
Sliding 8 inch 9 tons elevation .....	30/21-22
Sliding 9 inch 12 tons (Mark I) .....	31/7-11, 33/17-21
Sliding 10 inch 18 tons .....	37/15-20
Sliding 11 inch or 12 inch 25 tons .....	38/7-9
Sliding 12 inch 35 tons .....	38/11
Sliding 12.5 inch 38 tons .....	39/2-14
Small Port 10 inch 18 tons .....	37/20-21
Small Port 12.5 inch 38 tons .....	40/2-12
Siege .....	41/9-23
Cartridge making at Woolwich Arsenal .....	69/51-52
Cartridges naval for small bore guns 1500-1867 .....	50/19-26
Castries: A Victorian Coaling Station .....	68/88-111
Census returns for forts .....	12/8, 50/12-17, 66/35-52
Chads, Admiral Sir Henry Ducie .....	77/74-83
Charleston defences .....	52/19-28
Chatham defences .....	22/3, 25/26-28, 35/2-10
Chatham siege operations .....	64/35-36
Cherbourg defences .....	77/74-83
Chevrons .....	52/28
China: Taku Forts .....	84/74-80
Christchurch Portsdown time capsule .....	44/41
Clarke Sir Andrew .....	31/26-27
Clothing of soldier .....	46/2-10
Coast defences article .....	40/13-14
Coast defences of Malta 1800-1958 .....	47/2-8
Commanding officer (gent) .....	40/31
Commercial ports, British, defences: .....	14/24-28, 65/11-20
Aberdeen .....	46/36-48
Barrow-in-Furness .....	76/26-34
Bristol Channel .....	22/27, 50/28-51
Clyde (Glasgow) .....	46/36-48
Cromarty .....	76/26-34
Downs (Sussex & Kent) .....	76/82-109
Dartmouth .....	30/6-12, 45/35-36, 76/26-34
Dundee .....	46/36-48
Falmouth .....	74/58-113
Firth of Forth .....	75/49-96

Hartlepool and Tees .....	51/31-47
Hollyhead .....	76/26-34
Humber (Hull) .....	71/66-89
Inverness .....	76/26-34
Mersey (Liverpool) .....	71/99-130, 77/2-37
Orkney .....	32/31-36, 76/26-34
Peterhead .....	76/26-34
Scilly Isles .....	76/26-34
Sunderland (Wear) .....	67/3-18
Tyne .....	67/3-18
Commissions purchase of .....	34/23
Compressors & buffers .....	32/6-8
Constructing heavy RML guns .....	33/25-26
Contract War Dept Schedules for work .....	38/34-41, 41/2-8
Cork defences (Irish Republic) .....	42/18-40
Crossman William .....	20/29
Cuisine in the Army .....	53/40-49, 59/45-50

## D

Dardanelles Defences .....	74/20-57
Dartmouth defences.....	30/2-12, 45/35-36, 76/26-34
Defences of the Commercial Ports of Great Britain .....	65/11-20, 66/52, 67/61
Degaussing establishment at Coalhouse Fort .....	65/2-10
Depression carriage .....	57/31-37
Depression range finders – see Range finders	
Derricks ammunition .....	31/19, 32/13-14
Design of Fortifications .....	20/26-30, 21/11-12, 22/9-15, 26/14-15,
.....	41/44-45, 84/22-48
Development of Explosives and Propellants .....	44/23-26, 45/21-26, 46/11-19,
.....	47/25-31, 48/37-46, 49/30-39,
.....	51/2-6, 52/29-36, 53/17-24, 54/2-14
.....	55/2-16, 56/2-10, 58/2-10, 61/2-9,
.....	62/49
Diet (& rations) of Tommy Atkins .....	53/40-49
Disablement or destruction of guns by gun cotton .....	48/8
Disappearing Guns:	
Counterweight Mountings RBL 7 inch .....	14/19-22, 27/20, 46/28-35
Counterweight Mountings RML 64 pdr .....	18/30, 46/28-35
Counterweight Mountings RML 7 inch 7 ton .....	14/18-23, 15/31, 18/27-31, 22/29,
.....	45/28-34, 46/28-35
Counterweight Mountings RML 9 inch 12 ton .....	14/21, 15/30, 22/29, 28/34, 36/42,
.....	48/9-18
Hydropneumatic siege mountings .....	41/9-20
Hydropneumatic 5 inch BL .....	41/21-23
Hydropneumatic 6 inch, 8 inch, 9.2 inch and 13.5 inch BL .....	49/20-29
Hydropneumatic 10 inch BL .....	40/30-31, 41/45, 49/20-29
Dorchester Barracks .....	44/37-40
Dover Defences .....	25/28-30, 27/23, 35/39, 39/41,
.....	48/23-36, 70/56-74
Drill repository .....	43/6-8, 78/80-100
Du Cane Edmund .....	18/14-17, 19/32-33, 20/29, 86/83-92
Dudley Powder pneumatic gun .....	51/29-30
Dundee defences .....	46/36-48
Durnford, Anthony William RE .....	80/13-21
Dynamite gun site at Hilton Head (South Carolina) .....	49/18
Dynamite gun Zalinski .....	47/17-22, 48/49, 51/19-28

## E

Egypt: Alexandria defences .....	28/34, 36/42
Electric light defences .....	24/27-28, 30/19-20
Elswick Ordnance Co .....	30/29-40
Enlistment .....	40/16
Equipment of a soldier .....	46/2-10
Etiquette in the army .....	43/42
Experiments at Stokes Bay .....	24/27-28
Explosives & Propellants:	
Blasting .....	47/25-31, 51/2-6
Cordite .....	54/2-14
Development of .....	44/23-26
Friction devices .....	58/2-10,
Gunpowder.....	35/38, 44/23-26, 45/21-26, 46/11-19
Ignition devices .....	55/2-16
Lydidte .....	52/29-36
Nitrocellulose .....	48/37-46
Nitro-glycerine .....	49/30-39, 51/2-6
Percussion Caps & Priming.....	56/2-10
Smokeless Propellants .....	53/17-24
Trinitrotoluene (TNT) .....	61/2-9, 62/49

## F

Fall of French forts – Verdun .....	40/20
Falmouth Defences .....	74/58-113
Feast truly gargantuan .....	55/16
Fire control artillery .....	33/2-3, 33/4-14, 34/5-16, 35/37,
.....	78/40-58
Fire fighting in fortifications .....	21/20-26
Firing the guns .....	33/4-14, 33/5-16
Flags, signalling .....	31/2
Flank defences .....	27/32, 28/30
Follies of War – WW II use of Palmerston fortifications .....	18/1-6
Forms army	
G.854 Cartridge & Gunpowder Record .....	32/19
G.855 Shell Record .....	32/20
G.856 Fuse & Tube Record .....	32/21
G.880 Magazine Regulations .....	32/15-16
Forth Defences .....	75/49-96
Fortifications definition .....	41/44-45
Fortification design of .....	20/26-30, 21/11-12, 22/9-15, 26/14-15,
.....	84/22-48

### Forts & Batteries:

#### GREAT BRITAIN

Abbs Point Battery (Tyne-Tees) .....	FL 67/3-18
Fort Albert (Portsmouth) .....	FL 26/32, 27/25-26, 31/26-27
Agaton Fort (Plymouth) .....	FL
Angelgate Battery (Harwich) .....	76/35-81
Archcliffe Fort (Dover) .....	FL
Ardhallow Battery (Clyde) .....	FL 46/36-48
Fort Austin (Plymouth) .....	FL
Beach Battery (Aberdeen) .....	FL 46/36-48
Beacon Hill Battery (Harwich) .....	76/35-81
Fort Bembridge (Portsmouth) .....	FL 84/83-85
Blacknor Battery (Portland) .....	FL
Fort Blockhouse (Portsmouth) .....	FL 27/22
Boom Batteries (Medway) .....	86/19-31
Fort Borstal (Chatham) .....	FL 17/1-9, 18/32, 22/2-3, 25/27,

.....	<b>35/29-31</b>
Fort Bovisand (Plymouth) .....	<b>FL 34/11-14</b>
Bowden Fort (Plymouth) .....	<b>FL</b>
Breakwater Fort (Plymouth) .....	<b>FL 34/10-11, 52/3-18</b>
Breakwater Fort (Portland) .....	<b>FL</b>
Breakwater Batteries (Portland) .....	<b>FL 83/97-100</b>
Breandown Battery (Bristol Channel) .....	<b>FL 50/28-51</b>
Fort Bridgewoods (Chatham) .....	<b>FL 25/27</b>
Fort Brockhurst (Portsmouth) .....	<b>FL 26/18, 75/1-19</b>
Broughty (Ferry) Castle (Dundee) .....	<b>FL 46/36-48</b>
Browdown Battery (Portsmouth) .....	<b>FL 9, 60/37-52</b>
Brownhill Battery (Plymouth) .....	<b>FL</b>
Fort Burgoyne (Dover) .....	<b>FL 21/7-10, 22/12-15, 25/29</b>
Calshot Castle (Portsmouth).....	<b>FL 69/70-82</b>
Carlingnose Battery (Forth) .....	<b>FL 75/49-96</b>
Castle Green Battery (Dundee) .....	<b>FL 46/36-48</b>
Cawsands Bay Battery (Plymouth) .....	<b>FL</b>
Cemetery Battery (Tyne-Tees) .....	<b>FL 51/31-47</b>
Chapel Bay Battery (Milford Haven) .....	<b>FL 62/2-42</b>
Cliffe End Battery (Portsmouth) .....	<b>FL</b>
Cliffe Fort (Thames) .....	<b>FL 25/24 &amp; 36-37, 29/15-16</b>
Cliffords Fort (Tyne-Tees) .....	<b>FL 67/3-18</b>
Clipera Point Battery (Holyhead) .....	<b>73/1-12</b>
Cloch Point Battery (Clyde) .....	<b>FL 46/36-4847</b>
Coalhouse QF Battery (Thames) .....	<b>FL</b>
Coalhouse Fort (Thames) .....	<b>FL 25/23, 65/2-10</b>
Coastguard Battery (Forth) .....	<b>FL 75/49-96</b>
Cockness Tower (Orkney) .....	<b>32/32-33, 70/30-33&amp;45-48</b>
Crab Quay Battery (Falmouth) .....	<b>FL 74/58-113</b>
Crookhorn Redoubt (Portsmouth) .....	<b>FL</b>
Crosby Battery (Mersey) .....	<b>FL 71/100&amp;109-118</b>
Crownhill Fort (Plymouth) .....	<b>FL 19/21-32, 20/12-23, 21/27-28,</b>
.....	<b>22/16-17, 26/18, 34/27-28</b>
Culver Down Battery (Portsmouth) .....	<b>FL</b>
Cumberland Battery (Portsmouth) .....	<b>FL</b>
Fort Cumberland (Portsmouth) .....	<b>FL</b>
Dale Fort (Milford Haven) .....	<b>FL 47/21-22, 51/19-28, 62/2-42,</b>
.....	<b>84/100-102</b>
Dalmeny Battery (Forth) .....	<b>FL 75/49-96</b>
Fort Darland (Chatham) .....	<b>FL 25/27</b>
Darnet Fort (Chatham) .....	<b>FL 25/26, 29/25-27</b>
Darrel's Battery (Harwich) .....	<b>76/35-81</b>
Dartmouth Castle & Battery (West Country) .....	<b>FL 30/6-12, 45/35-36</b>
Defensible Barracks (Milford Haven) .....	<b>FL 62/2-42</b>
Devils Point Battery (Plymouth) .....	<b>FL</b>
Dover Castle (Dover) .....	<b>25/28</b>
Dover Turret (Dover) .....	<b>FL 16/23-26, 17/11-21, 18/23-26,</b>
.....	<b>19/14-17, 20/2-7, 23/16-18, 25/29-30,</b>
.....	<b>34/2-4, 84/35-36</b>
Dover Western Heights (Kent) .....	<b>FL 25/29, 48/23-36</b>
Drakes Island (Plymouth) .....	<b>FL</b>
Dumbarton Castle (Clyde) .....	<b>FL 46/36-48, 70/33-39</b>
Dungeness Batteries (Kent) .....	<b>FL</b>
Dymchurch Redoubt (Kent) .....	<b>FL 76/82-109</b>
East Blockhouse Battery (Milford Haven) .....	<b>FL 62/2-42</b>
Eastbourne Redoubt (Sussex) .....	<b>FL 76/82-109</b>
Eastern Kings Redoubt (Plymouth) .....	<b>FL</b>
East Tilbury Battery (Thames) .....	<b>FL 25/23, 64/30-34</b>
East Weare Batteries (Portland) .....	<b>FL 82/83-100</b>

Eastney Batteries (Portsmouth) .....	<b>FL 10/6-7, 24/29-32, 25/2-10, 53/2-16</b>
Efford Fort (Plymouth) .....	<b>FL 79/97-102</b>
Egg Buckland Keep (Plymouth) .....	<b>FL</b>
Fort Elson (Portsmouth) .....	<b>FL 40/35-36</b>
Ernesettle Fort (Plymouth) .....	<b>FL</b>
Fort Fareham (Portsmouth) .....	<b>FL 8, 18/14-17, 21/21, 28/32,</b>
.....	<b>41/39&amp;43, 56/11-34</b>
Farlington Redoubt (Portsmouth) .....	<b>FL</b>
Flatholm Island Batteries (Bristol Channel) .....	<b>FL 22/24-26, 45/29, 50/28-51</b>
Forder Battery (Plymouth) .....	<b>FL</b>
Fowey Battery (West country) .....	<b>FL</b>
Frenchmans Point Battery (Tyne-Tees) .....	<b>FL 67/3-18</b>
Freshwater Redoubt (Portsmouth) .....	<b>FL 27/29, 36/2-8, 40/32-34</b>
Frobisher Battery (Plymouth) .....	<b>FL</b>
Garden & Earl's Batteries (Plymouth) .....	<b>FL</b>
Garrison Point Fort (Medway) .....	<b>FL 25/26, 29/16</b>
Fort George (Inverness) .....	<b>FL 70/26-30&amp;40-45</b>
Fort Gilkicker (Portsmouth) .....	<b>FL 15/13-18, 23/32-35, 30/22, 31/28-31,</b>
.....	<b>34/17-23, 39/22-36, 83/44-63, 85/30-71</b>
Golden Hill Fort (Portsmouth) .....	<b>FL</b>
Fort Gomer (Portsmouth) .....	<b>FL 26/18, 26/35-37, 27/29, 30/23-26,</b>
.....	<b>61/26-28, 86/41-54</b>
Grain Battery (Medway) .....	<b>FL 25/25</b>
Grain Fort (Medway) .....	<b>FL 25/25, 48/19-22</b>
Grain Tower (Medway) .....	<b>FL 25/25</b>
Fort Grange (Portsmouth) .....	<b>FL 28/32</b>
Grange Redoubt (Chatham) .....	<b>FL 25/27 see Twydall</b>
Grenville Battery (Plymouth) .....	<b>FL</b>
Hackness Tower & Battery (Orkney) .....	<b>FL 32/32-36, 70/30-33&amp;45-48</b>
Harwich Redoubt (Harwich) .....	<b>76/35-81</b>
Hatherwood Battery (Portsmouth) .....	<b>FL 84/34</b>
Hawkins Battery (Plymouth) .....	<b>FL 36/33-37</b>
Heugh Battery (Tyne-Tees) .....	<b>FL 51/31-47, 70/126-129</b>
Hilpsford Point Battery (Barrow-in-Furness) .....	<b>73/1-12</b>
Hilsea Lines (Portsmouth) .....	<b>FL 37/5-7, 38/1- 2, 49/2-6</b>
Hoo Fort (Chatham) .....	<b>FL 25/26, 29/25-27</b>
Hope Battery (Thames) .....	<b>64/28-29</b>
Horsesand Fort (Portsmouth) .....	<b>FL 28/15-29, 28/35-37, 29/32, 84/35</b>
.....	<b>84/44-45</b>
Fort Horstead (Chatham) .....	<b>FL 25/27</b>
Hospital Battery (Dover) .....	<b>FL 25/28</b>
Hubberstone Fort (Milford Haven) .....	<b>FL 62/2-42</b>
Hurst Castle (Portsmouth) .....	<b>FL 27/24, 27/27, 37/4-5, 66/52, 72/1-9,</b>
.....	<b>73/37-69, 76/25</b>
Ilfracombe Beacon Point Battery (West country) .....	<b>FL</b>
Inchgarvie Battery (Forth) .....	<b>FL 75/49-96</b>
Inner Pier Head Battery (Portland) .....	<b>FL</b>
Inchkeith Batteries (Forth) .....	<b>FL 75/49-96</b>
Isle of Grain Battery (Medway) .....	<b>FL</b>
Kinghorn Battery (Forth) .....	<b>FL 75/49-96</b>
Knatterbury Fort (Plymouth) .....	<b>FL</b>
Knowles Battery (Plymouth) .....	<b>FL</b>
Landguard Fort and Batteries (Harwich) .....	<b>FL 51/9-16, 76/35-81, 80/22-27</b>
Laira Battery (Plymouth) .....	<b>FL</b>
Langley Fort (Sussex) .....	<b>FL 76/82-109</b>
Langdon Battery (Dover) .....	<b>FL</b>
Langstone Redoubt (Portsmouth) .....	<b>FL</b>
Lavernock Battery (Bristol Channel) .....	<b>FL 50/28-51</b>

Leith Fort & Martello Tower (Forth) .....	<b>FL 78/80-100</b>
Lentney Battery (Plymouth) .....	<b>FL</b>
Lighthouse Battery (Tyne-Tees) .....	<b>FL 51/31-47</b>
Lindisfarne Castle (Northumberland) .....	<b>FL 70/23-24&amp;49-53</b>
Liscard Battery (Mersey) .....	<b>FL 71/100-105</b>
Littlehampton Fort (Sussex) .....	<b>FL 76/82-109</b>
Long Curtain (Portsmouth) .....	<b>FL 79/20-50, 81/8-12</b>
Lord Howard's Battery (Plymouth) .....	<b>FL</b>
Lumps Fort (Portsmouth) .....	<b>FL 10/3-6, 30/22, 68/131, 83/71-96</b>
Fort Luton (Chatham) .....	<b>FL 25/27, 35/29-31</b>
Maker Battery (Plymouth) .....	<b>FL</b>
Fort Matilda (Clyde) .....	<b>FL 46/36-48</b>
Military Road (Isle of Wight) .....	<b>FL</b>
Fort Monckton (Portsmouth) .....	<b>FL 24/17-23, 26/33-34, 34/18-21</b>
Mumbles Battery (Swansea) .....	<b>FL 11/5-8, 50/28-51</b>
Nell's Point Battery (Bristol Channel) .....	<b>FL 50/28-51</b>
Fort Nelson (Portsmouth) .....	<b>FL, 11/3 &amp; 9-16, 12/12,13&amp;16, 14/11-16,</b>
.....	<b>16/27-32, 19/32-33, 20/31-32, 21/22-23,</b>
.....	<b>22/28, 23/9-15, 24/2-7, 25/17-22 &amp; 24,</b>
.....	<b>28/32, 30/20, 31/16, 41/37-38, 45/2-20,</b>
.....	<b>48/19-22, 50/12-17, 59/10-23, 61/10-18</b>
Newhaven Fort & Batteries (Sussex) .....	<b>FL 76/82-109</b>
New Needles Battery (Portsmouth) .....	<b>FL</b>
New Tavern Fort (Thames) .....	<b>FL 25/24, 31/19</b>
Nodes Point Battery (Portsmouth) .....	<b>FL 66/2-7</b>
Nomansland Fort (Portsmouth) .....	<b>FL 28/15-29, 29/28-32</b>
North Fort (Mersey) .....	<b>FL 71/100-105, 77/2-37</b>
North-East Martello Tower (Milford Haven) .....	<b>FL 62/2-42</b>
Nothe Fort (Portland) .....	<b>FL 78/59</b>
Old Needles Battery (Portsmouth) .....	<b>FL 78/30-39</b>
Padstow Battery (West country) .....	<b>FL</b>
Palliser Battery (Tyne-Tees) .....	<b>51/31-47</b>
Pasley Battery (Tyne-Tees) .....	<b>51/31-47</b>
Pater Battery (Milford Haven) .....	<b>FL 62/2-42</b>
Paull Point Battery (Humberside) .....	<b>FL 71/72-84, 85/102</b>
Pembroke Defensible Barracks (Milford Haven) .....	<b>FL 62/2-42</b>
Pendennis Castle (Falmouth) .....	<b>FL 74/58-113</b>
Penlee Battery (Plymouth) .....	<b>FL 73/70-91</b>
Penarth Battery (Bristol Channel) .....	<b>FL 50/28-51</b>
Fort Perch Rock (Mersey) .....	<b>FL 71/100-125</b>
Fort Picklecombe (Plymouth) .....	<b>FL</b>
Piers Cellars Torpedo Station (Plymouth) .....	<b>FL 33/28</b>
Point Battery (Portsmouth) .....	<b>FL 27/23, 79/20-50</b>
Polhawn Battery (Plymouth) .....	<b>FL</b>
Popton Fort (Milford Haven) .....	<b>FL 62/2-42, 68/20-27</b>
Portishead Battery (Bristol) .....	<b>FL 84/1-21</b>
Portkill Battery (Clyde) .....	<b>FL 46/36-48</b>
Portsea Lines (Portsmouth) .....	<b>79/20-50</b>
Portsmouth Lines (Portsmouth) .....	<b>79/20-50</b>
Puckpool Battery (Portsmouth) .....	<b>FL 21/31, 27/2-6, 28/33</b>
Fort Purbrook (Portsmouth) .....	<b>FL 10/8-9, 21/25, 23/29-31, 30/20,</b>
.....	<b>84/24-28</b>
Queensborough Lines (Medway) .....	<b>25/26</b>
Raleigh Battery (Plymouth) .....	<b>FL 40/21-31</b>
Rame Church Battery (Plymouth) .....	<b>FL 73/70-91</b>
Redan Battery (Aldershot) .....	<b>79/93-96</b>
Redcliff Battery (Portsmouth) .....	<b>FL 84/88-91, 86/93-98</b>
Renney Battery (Plymouth) .....	<b>FL</b>
Roker Battery (Tyne-Tees) .....	<b>67/3-18</b>

Fort Rowner (Portsmouth) .....	<b>FL 26/18</b>
Rye Battery (Gun Garden) (Sussex) .....	<b>FL 72/17-24</b>
St. Anthony Battery (Falmouth) .....	<b>FL 74/58-113</b>
St. Catherines Fort (Milford Haven) .....	<b>FL 13/3-11, 62/2-42, 84/55-73</b>
St. Helens Fort (Portsmouth) .....	<b>FL 61/19-25, 84/37</b>
St. Ives Battery (West Country) .....	<b>FL</b>
St. Mawes Castle (Falmouth) .....	<b>FL 74/58-113</b>
Salisbury Pier Battery (Mersey) .....	<b>FL</b>
Sandown Barrack Battery (Portsmouth) .....	<b>FL 82/62-76</b>
Sandown (Granite) Fort (Portsmouth) .....	<b>FL 84/91-96</b>
Fort Scoveston (Milford Haven) .....	<b>FL 38/32-33, 61/2-42</b>
Fort Scraesdon (Plymouth).....	<b>FL</b>
Seaforth Battery (Mersey) .....	<b>FL 71/100-121</b>
Shoreham Redoubt (Sussex) .....	<b>FL 27/28, 76/82-109</b>
Shornmead Fort (Thames) .....	<b>FL 25/24, 45/37-46, 46/52</b>
Shotley Point Battery (Harwich) .....	<b>FL 76/35-81</b>
Shotyard Battery (Dover) .....	<b>FL 25/28</b>
Shoulder of Mutton Battery (Dover) .....	<b>FL 25/28</b>
Slough Fort (Thames) .....	<b>FL 25/24, 27/33-36, 86/99-101</b>
Soldiers Rock Battery (Milford Haven).....	<b>62/2-42</b>
South Front Battery (Dover) .....	<b>FL</b>
South Gare Battery (Tyne-Tees) .....	<b>FL 51/31-47</b>
South Hook Fort (Milford Haven) .....	<b>FL 62/2-42</b>
South Lines (Dover) .....	<b>FL</b>
South-West Martello Tower (Milford Haven) .....	<b>FL 62/2-42</b>
Southsea Castle (Portsmouth) .....	<b>FL 30/20, 38/43-44, 86/75-82</b>
Fort Southwick (Portsmouth) .....	<b>FL 21/23, 37/38-41</b>
Spanish Battery (Tyne-Tees) .....	<b>FL 67/3-18</b>
Spitbank Fort (Portsmouth) .....	<b>FL 29/31-32, 41/24-36</b>
Stack Rock Fort (Milford Haven) .....	<b>FL 62/2-42</b>
Fort Staddon (Plymouth) .....	<b>FL</b>
Staddon Batteries (Plymouth) .....	<b>FL</b>
Stallingborough Battery (Humberside) .....	<b>FL</b>
Fort Stamford (Plymouth) .....	<b>FL</b>
Steepholm Batteries (Bristol Channel) .....	<b>FL 50/28-51, 85/1-22</b>
Steyenwood HA Battery (Portsmouth) .....	<b>FL 84/86-88</b>
Stokes Bay Lines (Portsmouth) .....	<b>FL 9, 30/20</b>
Sturbridge Fort (Portsmouth) .....	<b>FL</b>
Thorn Island Fort (Milford Haven) .....	<b>FL 62/2-42</b>
Tilbury Fort (Thames) .....	<b>FL 25/23, 58/18-31</b>
Trow Point Battery (Tyne-Tees) .....	<b>FL</b>
Torry Point Battery (Aberdeen) .....	<b>FL 46/36-48</b>
Fort Tregantle (Plymouth) .....	<b>FL</b>
Tregantle Down H.A Battery (Plymouth) .....	<b>FL 37/9-14</b>
Twydall Redoubts (Chatham) .....	<b>FL 25/27, 31/6, 43/25-28, 61/43-46</b>
Tynemouth Castle Battery (Tyne-Tees) .....	<b>FL 67/3-18, 70/130</b>
Upton Battery (Portland) .....	<b>FL</b>
Verne (Portland) .....	<b>FL 12/11-17, 26/19, 26/23-24, 46/21-27</b>
Verne Quarry HA Battery (Portland) .....	<b>FL</b>
Fort Victoria (Portsmouth) .....	<b>FL 27/24-26</b>
Fort Victoria (Osborne House) .....	<b>85/72-76</b>
Fort Wallington (Portsmouth) .....	<b>FL 28/32, 37/15-18, 57/8</b>
Walney Battery (Barrow-in-Furness) .....	<b>73/1-12</b>
Warden Point Battery (Portsmouth) .....	<b>FL 36/21-22, 76/25</b>
Watch House Break Battery (Plymouth) .....	<b>FL</b>
Wave Basin Battery (Tyne-Tees) .....	<b>FL 67/3-18</b>
West Blockhouse Fort & Battery (Milford Haven) .....	<b>FL 62/2-42</b>
Western Heights (Dover) .....	<b>FL 25/29, 48/23-36</b>
Western Kings Redoubt (Plymouth) .....	<b>FL</b>

Whitesand Bay Battery (Plymouth) ..... **FL 33/27-29, 71/41-65**  
Fort Widley (Portsmouth) ..... **FL 21/24-25, 26/18, 48/19-22, 51/7-8**  
Woodland Redoubt (Chatham) ..... **FL 25/27** see Twydall  
Woodlands Fort (Plymouth) ..... **FL**  
Yaverland Battery (Portsmouth) ..... **FL 72/92-113, 84/96-99**

**ALDERNEY**

The Arsenal & Shore Establishment ..... **82/23-25**  
Braye Battery ..... **FL, 82/18-19**  
Fort Albert ..... **FL 30/13-17, 82/9-10, 82/26-30, 83/1-38**  
Fort Chateau á L/Etoc ..... **FL 30/13-17, 82/30-33, 83/28-29**  
Fort Clonque ..... **FL 30/13-17, 82/12-13, 83/16**  
Fort Corblets ..... **FL 30/13-17, 82/33-34, 83/30**  
Fort Doyle..... **FL 30/13-17, 82/17-18, 83/18-19**  
Fort Essex ..... **30/13-17, 82/39-40, 83/13,34-35**  
Fort Grosnez ..... **FL 30/13-17, 82/20-22, 83/20-22**  
Fort les Hommeaux Florains ..... **FL 30/13-17, 82/34-35**  
Fort Houmet Herbé ..... **FL 30/13-17, 82/37-34**  
Longy Lines ..... **FL 30/13-17, 82/38-39, 83/33**  
Mount Hale Battery ..... **FL 82/26**  
Platte Saline Battery ..... **FL 30/13-17, 82/17**  
Rat Island Fort ..... **FL 30/13-17, 82/38, 83/32**  
Roselle Battery ..... **FL 82/23, 83/1-38**  
Fort Quesnard ..... **FL 30/13-17, 82/36, 83/31**  
Fort Tourgis ..... **FL 30/13-17, 82/14-16, 83/16-18**

**ASCENSION**

Fort Thornton (Fort Cockburn), Fort Hayes,  
Cottage Battery, Fort Bedford ..... **76/1-24**

**AUSTRALIA**

Fort Lytton (Queensland) ..... **34/24-26**  
Fort Glanville (South Australia)..... **69/53-65, 71/131-133**

**BELGIUM**

Fort Lonçin ..... **47/12-16**

**CANADA**

Brothers Island Battery, Finlayson Point Battery,  
Macaulay Point Battery, Rodd Hill Batteries,  
Signal Hill Battery, Victoria Point Battery (Esquimalt) ... **81/52-90**  
Fort Frederick (Kingston) ..... **16/5-6**  
Fort McNab, Ives Point Battery, Hugonin Battery,  
York Redoubt, Connaught Battery (Halifax) ..... **43/2-5, 72/40-60**  
Fort Henry (Kingston) ..... **16/5-6**  
Madawaska Blockhouse (New Brunswick) ..... **73/15-36**  
Fort No 1 Point Levis (Quebec) ..... **18/6-10**  
Prince Edward Battery (Prince Edward Island) ..... **72/10-16**  
Fort Amherst, Chain Rock Battery, Queens Battery,  
Quiddy Viddy Battery, Waldegrave Battery,  
Fort William (St. John's)..... **72/61-91**

**CUBA**

Havanna: Batteries 1 to 5, La Punta Battery,  
Santa Clara Battery, Velasco Battery ..... **44/11-21, 67/59-60**

**DENMARK**

Trekroner Fort (Copenhagen) ..... **37/42, 38/45**

**GIBRALTAR**

Napier of Magdala Battery (100 ton gun) ..... **36/40-41, 55/28**

**GUERNSEY**

Brehon Tower ..... **FL 68/59-87**  
Castle Cornet ..... **FL 68/59-87**

Fort Doyle ..... **FL 68/59-87**  
Fort George incl Clarence Battery, Fort Irwin,

and Town Point Battery .....	<b>FL 68/59-87</b>
Fort Hommet .....	<b>FL 68/59-87</b>
Fort Le Crocq .....	<b>FL 68/59-87</b>
Fort Le Marchant .....	<b>FL 68/59-87</b>
Fort Richmond .....	<b>FL 68/59-87</b>
Mont Crevelt .....	<b>FL 68/59-87</b>

### **HONG KONG**

BL 6 inch Mk V Batteries .....	<b>86/55-71</b>
BL 10 inch Batteries .....	<b>46/20</b>
Lye Mun Torpedo Station .....	<b>26/25-32</b>

### **IRELAND**

Ardaragh Battery (Berehaven) .....	<b>37/23-37, 74/114-119</b>
Ardnakinna Battery (Berehaven) .....	<b>37/23-37, 74/114-119</b>
Fort Camden (Cork) .....	<b>42/18-40</b>
Fort Carlisle (Cork) .....	<b>42/18-40</b>
Derrycreveen Battery (Berehaven) .....	<b>37/23-37, 74/114-119</b>
Fort Dunree (Lough Swilly) .....	<b>35/11-28</b>
Greencastle Fort (Lough Foyle) .....	<b>35/11-28</b>
Inch Fort (Lough Swilly) .....	<b>35/11-28</b>
Kilcolta Battery (Cork) .....	<b>42/18-40</b>
Knockalla Fort (Lough Swilly) .....	<b>35/11-28</b>
Lenan Head Battery (Lough Swilly) .....	<b>35/11-28</b>
Lonehort Battery (Berehaven) .....	<b>37/23-37, 74/114-119</b>
Macamish Fort (Lough Swilly) .....	<b>35/11-28</b>
Neds Point Fort (Lough Swilly) .....	<b>35/11-28</b>
Rathmullen Fort (Lough Swilly) .....	<b>35/11-28</b>
Reenduff Battery (Berehaven) .....	<b>37/23-37, 74/114-119</b>
Rerrin Battery (Berehaven) .....	<b>37/23-37</b>
Fort Templebreedy (Cork) .....	<b>42/18-40</b>
Fort Westmoreland (Cork) .....	<b>42/18-40</b>

### **ISLES OF SCILLY**

Bants Carn Battery .....	<b>FL 81/13-38</b>
Steval Battery .....	<b>FL 81/13-38</b>
Steval Point Battery .....	<b>FL 81/13-38</b>
Woolpack Battery .....	<b>FL 81/13-38</b>

### **JERSEY**

Elizabeth Castle .....	<b>57/23-31</b>
Catel Fort, Havre des Pas Tower, Kempt Tower, La Crete Fort, L'Etac Tower, L'Etaquerel Fort, Lewis Tower, Pier Fort, St Aubins Fort, South Hill Battery, and Victoria Tower .....	<b>63/19-35</b>

### **MALTA**

Fort Ricasoli .....	<b>32/22-30</b>
Fort Rinella (100 ton gun) .....	<b>42/8-11</b>
Fort St Rocco .....	<b>40/17-20</b>
Fort Tigné .....	<b>32/22-30</b>

### **NEW ZEALAND**

Auckland (North Island): Fort Bastion, North Head Batteries, Fort Resolution, Fort Takapuna & Fort Victoria .....	<b>57/9-22</b>
Dunedin (South Island): Fort Tairaroa and batteries .....	<b>53/30-34, 57/19-20</b>
Lyttleton (South Island): Battery Point Battery, Erskine Point Battery, Fort Jervis, and Spur Point Battery .....	<b>53/34-37, 57/20</b>
Wellington (North Island): Fort Ballance, Fort Buckley, Garden Battery, Fort Gordon, Gordon Point Battery, Halswell Battery, Kau Point Battery, Fort Kelburne and Low Battery .....	<b>57/9-22</b>

## **NORWAY**

Fredriksten Fortress (Halden) .....58/18-31, 68/28-58

Glomma Line and Frontier Forts:

(Bjørnås Battery, Fetsund Battery, Greåker Battery,

Gråkol Battery, Gydelås Battery, Hjelmkollen Fort,

Høgås Battery, Høyos Battery, Isesjø Battery,

Kyellås Battery, Langnes Battery, Orkerød Battery,

Ørje North & South Forts, Sarpsborg East & West Batteries,

Skoro North & South Batteries, Staås Battery, Urskog Fort,

Varde Fort, Veden Battery, Vetaåsen & Vittenbergåsen

Batteries) .....68/28-58

Orscarsborg Fortress (Drøbak):

(Husvik Battery, Klingerud Battery, Kopås Battery,

Neset Battery, Seiersten Battery & Veisving Battery) ..64/2-27

Tønsåsen Battery .....69/83-90

## **PUERTO RICO**

San Juan: El Morro Fortress, San Cristobal Fortress

& Batteries .....44/2-11

## **ST LUCIA**

Castries: La Toc Batteries, Meadows Battery,

Morne Battery, Rodney Battery & Vigie Batteries .....68/88-111, 77/69-73

## **SOUTH AFRICA**

Fort Durnford .....80/17-20

Fort Schanskop, Fort Wonderboompoort, Fort Klapperkop

and Fort Daspoortrand .....79/9-12

Fort Wynyard .....85/90-101

## **SPAIN**

La Mola Fortress (Menorca) .....73/102-104

## **TURKEY**

Defences of the Dardanelles .....74/20-57

## **UNITED STATES OF AMERICA**

Advanced Redoubt (Florida) .....23/21-28

Battery Burchstead (Florida) .....68/5-19

Battery Chamberlin (California) .....68/5-19

Battery Laidley (Florida) .....68/5-19

Fort Anderson (North Carolina) .....52/19-28

Fort Barrancas (Florida) .....23/21-28

Fort Caswell (North Carolina) .....52/19-28

Fort Clinch (Florida) .....23/21-28

East Martello (Florida) .....23/21-28

Fort Fisher (North Carolina).....52/19-28

Fort Fremont (South Carolina) .....49/12-19

Fort Howell (South Carolina) .....49/12-19

Golden Gate defences (California) .....70/81-112

Fort Jackson (Georgia) .....49/12-19

Fort Jefferson (Florida) .....23/21-28

Fort Macon (North Carolina) .....52/19-28

Fort Madison (Maine) .....73/15-36

Fort McAllister (Georgia) .....49/12-19

Fort Mitchel (South Carolina) .....49/12-19

Fort Moultrie (South Carolina) .....52/19-28

Fort O'Brein (Maine) .....73/15-36

Fort Pickens (Florida) .....23/21-28

Castle Pinckney (South Carolina) .....52/19-28

Fort Pulaski (Georgia) .....49/12-19

Fort Screven (Georgia) .....49/12-19

Fort Sherman (South Carolina) .....49/12-19

Fort Sumter (South Carolina) .....52/19-28

Fort Washington (Maryland) .....	72/114-149
Fort (Zachary) Taylor (Florida) .....	23/21-28
Furgussen James .....	9/8

## G

Gardner & Gatling machine guns .....	60/2-8
Garrison Artillery .....	19/18-20, 22/28
Gas check .....	17/22, 52/36
German Brummers 420 mm howitzers & Liege .....	47/12-16, 48/2-7
Gibraltar defences .....	28/30, 36/40-41, 55/28
Gladstone W.E. letter from Lord Palmerston .....	24/36
Glasgow defences .....	46/36-48
Glossary of Victorian fortification terms .....	19/34-36, 20/33-37, 21/32-37, 22/31-35
Gordon Boys Home .....	38/15-18
Gosport advanced line .....	9, 19/18-20, 27/29-31, 29/21-22, 30/20
Great Britain defences .....	65/2-10, 66/52, 75/97-106
Guernsey Forts & Batteries .....	68/59-87
Guns:	
Accidents .....	40/32-34, 77/84-85
Boer guns .....	63/2-18, 58/11-17, 77/62-64
BL 3 pdr QF .....	62/43-46
BL 12½ pdr QF .....	68/113-120
BL 4 inch .....	45/38-41, 66/8-9
BL 5 inch .....	41/21-23, 65/38-41, 66/8-9
BL 6 inch and 8 inch .....	48/20-29, 77/58-60, 82/44-46
BL 6 inch Mark V .....	86/55-71
BL 9.2 inch .....	39/24-31, 43/40-42, 49/20-29, 77/61-62
.....	77/86-94, 85/1-22
BL 10 inch .....	40/28-31, 43/2-5, 46/20, 49/20-29
BL 12 inch 47 tons .....	28/23
BL 13.5 inch .....	49/20-29
Construction RMLs .....	33/25-26
Development in late 19 <sup>th</sup> Century .....	80/54-58
Definition of Terms c1855 .....	38/3-6
Experiments at Shoeburyness .....	14/9-10, 16/11, 26/14-18,
Firing the guns .....	33/4-14, 34/5-16
High angle fire .....	36/19-32, 43/40-42
Horsfall Gun .....	86/75-82
Howitzer RML 6.3, 6.6 & 8 inch .....	19/1-10, 21/12, 41/17-20, 52/37-44,
.....	54/15-46
Howitzer BL 6 inch .....	79/4-8, 81/91
Howitzer BL 9.2-inch Siege .....	81/91-102
Howitzer BL 9.45 inch .....	79/15-18, 81/93-95
Howitzer BL 18-inch .....	77/
Krupp BL Howitzer 1893 .....	51/17, 56/45-47
Krupp guns (Boer) .....	66/11-31, 67/60
Krupp 60 mm .....	68/112-130
Maxim .445 MG .....	63/36-49, 65/21-37, 68/112-130,
.....	77/43-44
Maxim 37mm Pom Pom .....	77/45-47
Mortar Mallets .....	31/22-25, 32/9-10 & 36
Mortar 13 inch .....	18/11-17, 21/31, 28/33, 58/32-41
Naval SBs 1550-1867.....	50/19-26
Nordenfelt 1-inch .....	60/2-8, 77/44-45, 80/56-57
Pneumatic Dudley Powder .....	51/29-30
Pneumatic Dynamite, Holland .....	47/23
Pneumatic Dynamite, Sims Dudley .....	47/24
Pneumatic Dynamite, Zalinski .....	47/17-24, 48/49, 51/19-28, 86/72-74
Railway Guns .....	77/40-65

RBL 12 pr .....	<b>84/74-80</b>
RBL 40 pr .....	<b>37/8</b>
RBL 7 inch .....	<b>13/19-21, 19/10-12, 27/20, 46/28-35</b>
RML 2.5 inch mountain .....	<b>57/32, 68/112-130</b>
RML 64 pr .....	<b>22/7-11, 27/16-20, 41/10-16, 46/28-35,</b> <b>61/26-28</b>
RML 7 inch .....	<b>22/19-20, 46/28-35</b>
RML 8 inch .....	<b>30/22</b>
RML 9 inch .....	<b>33/22-24, 34/36, 36/21-32, 36/42,</b> <b>43/6-8, 48/9-18</b>
RML 10 inch .....	<b>36/25 &amp; 30, 37/22, 45/48-49</b>
RML 10.4 inch .....	<b>27/2-5</b>
RML 11 inch .....	<b>38/12-15</b>
RML 12 inch .....	<b>38/12-15</b>
RML 12.5 inch .....	<b>21/29, 29/28-31, 39/38-40, 43/44-45,</b> <b>44/43-44</b>
RML 16 inch (80 ton) .....	<b>16/10 (see Dover Turret)</b>
RML 17.72 inch (100 ton) .....	<b>14/8, 18/19-20, 21/2-4, 24/24-25,</b> <b>36/40-41, 42/9-11</b>
SBBL 32 pr .....	<b>24/14, 28/30, 34/27-28, 59/31- 41</b>
Quick Firers used for Coast Defence .....	<b>80/54-83</b>
QF 3pr .....	<b>77/47-52, 80/67</b>
QF 6pr .....	<b>77/52-53, 80/58-66</b>
QF 12pr .....	<b>77/54-55, 80/67-75</b>
QF Nordenfeldt Maxim 12½ pdr .....	<b>68/113-120</b>
QF 4.7-inch .....	<b>77/56-58, 80/75-78, 81/91-93</b>
QF vs. Torpedo Boats .....	<b>70/75-80, 80/1-12</b>
Gun barges .....	<b>81/8-12</b>
Gun Boats, Harbour Defence .....	<b>84/29</b>
Gun-cotton disablement or destruction of guns by .....	<b>48/8 &amp; 49</b>
Gun Drills:	
Repository .....	<b>43/6-8, 78/80-100</b>
RML 64 pdr .....	<b>22/7-11</b>
RML 9 inch H.A. ....	<b>37/12-13</b>
RML 12.5 inch .....	<b>29/30-31</b>
RML 16 inch (80 ton) .....	<b>20/2-6</b>
Gun emplacement identifying .....	<b>36/9-16</b>
Gun groping and ammunition storage at Forts	
Widley and Nelson .....	<b>48/19-22, 51/7-8</b>
Guthries self balanced rolling bridge .....	<b>15/19-22, 16/13-15, 25/17-22, 26/19-24,</b> <b>35/32</b>

## **H**

Haldane Reforms .....	<b>83/64-70</b>
Hartlepool and Tees defences .....	<b>51/31-47</b>
Harwich Defences .....	<b>76/35-81</b>
Havana defences (Cuba) .....	<b>44/2-21, 67/59-60</b>
Haxo Casemates	
Crownhill Fort .....	<b>21/27-28</b>
Fort Fareham .....	<b>8, 56/11-34</b>
Heliograph .....	<b>31/2-3</b>
High angle batteries .....	<b>36/19-37, 37/9-14</b>
Hilton Head defences (S. Carolina) .....	<b>49/12-19</b>
Hoists, Cartridge & Shell .....	<b>69/53-65</b>
Hong Kong defences .....	<b>26/25-32, 46/20, 86/55-71</b>
Hospitals .....	<b>47/34, 72/25-32</b>
Hull defences .....	<b>71/66-89</b>

## I

Identifying gun emplacements .....	36/9-16
Inglis Colonel J letter (dated 25.4.12) to W F D Jervois .....	46/49
Ireland:	
Berehaven defences .....	37/23-37
Cork defences .....	42/18-39
Lough Foyle defences .....	35/11-28
Lough Swilly defences .....	35/11-28
Ironclad circular Vice-Admiral Novagarod & the Popov .....	55/35-37, 56/48-49
Isle of Wight defences .....	82/56-78, 84/81-99

## J

Jameson Raid artillery of.....	68/112-130
Jersey .....	57/23-31, 63/19-35
Jervois Sir W F D .....	9, 20/26-29, 23/9-15, 27/24, 27/30, 46/49
Jubilee shot 1887 .....	43/40-42, 77/84-94

## K

Keys at Fort Nelson .....	61/10-18
Khaki .....	49/48
Kingston defences (Canada) .....	16/3-8

## L

Laboratories	
Abstract of Proceedings Director of Artillery .....	39/15
General description .....	11/10, 31/16, 38/19-25
Implements.....	38/29-31
Regulations 1899 .....	38/26-28
Lamps and Lighting	
Both-ways lamps .....	22/17-18
Candles .....	23/8
Dover Turret .....	23/16-18
Fighting lamps .....	22/19-21, 25/31-33, 32/2-5, 33/35
Hand lamps .....	22/22, 33/15-16
Miscellaneous lamps .....	22/22-23
Fort Nelson .....	24/2-7
Overhead lamps.....	22/18-19
Passages lamps .....	23/5
Performance .....	23/7-8
Recesses & Tunnels lamps .....	23/2-5, 45/4 & 17
Regulations .....	23/6-7, 33/16
Rooms lamp .....	23/5
Signalling lamps .....	31/3-6, 43/9-11
Tracing lamps .....	25/33
Wall lamps .....	22/21-22, 45/17
Late 19th century Bridge caponiers .....	59/2-9
Leather, John Towleron .....	62/48, 69/32-50
Letter Colonel J Inglis to W F D Jervois (25.4.1882) .....	46/49
Letter Lord Palmerston to W E Gladstone .....	24/36
Lettering in Victorian forts .....	47/9-11
Life for the soldier, Tommy Atkins .....	46/2-10, 50/2-17, 53/40-49
Life in the forts .....	15/13-15, 26/33-37, 30/23-26
Liege Forts & German 420 mm howitzers .....	47/12-16
London Mobilisation Centres .....	43/12-24, 44/22 & 45
Longhope Sound defences (Orkneys) .....	32/31-36
Lundy Island .....	31/20-21

## M

Machine guns in the Victorian army .....	60/2-8, 63/36-49, 77/43-47
Magazines:	
Browdown Battery .....	9
Clothing .....	36/39, 38/25
Committee on .....	25/33
Fort Nelson .....	11/10-16, 16/27-32, 59/10-23
Marchwood .....	37/2-4
Regulations 1881 & 1902 (India) .....	32/15-21, 66/32-33
Plymouth defences .....	26/6
Magazines, expense:	
Crownhill Fort .....	21/27-28, 22/16-17
Fuze & Tube locker .....	45/6 & 14
Fort Nelson .....	20/31-32, 45/2-20
Plymouth defences .....	26/6
Mallet's mortar .....	31/22-25, 32/9-10 & 36
Malta	
Brennan torpedo station .....	32/22-30
Coast defence 1800-1958 .....	47/2-8
Mounting guns in 1880 .....	33/31-32
8 inch RML howitzer .....	54/19-46
Semaphore tower at Gharghur .....	55/29-31
Manning the Forts .....	10/10-11, 33/33-34, 71/90-98
Mantlets .....	57/2-7
Married quarters & marriage (Tommy Atkins) .....	50/2-17
McKnight Mrs M L resident of Fort Gilkicker 1907 .....	15/13-15
Medals:	
Afghanistan Medal .....	78/28-29
Baltic Medal .....	80/48-53
Canada General Service Medal .....	82/79-82
China War Medals .....	84/49-54
Crimea Medal .....	80/48-53
Egypt Medal .....	79/51-54
Indian General Service Medal .....	81/39-45
India Medal .....	81/39-45
Khedive Star .....	79/51-54
Khedive's Sudan Medal .....	83/39-43
New Zealand Medal .....	85/77-79
North West Canada Medal .....	82/79-82
Queen's Sudan Medal .....	83/39-43
South African Medal .....	77/38-39, 86/32-40
Medical inspection of recruits .....	47/32-34
Medway defences .....	25/24-28, 86/19-31
Menere disappearing gun carriage .....	60/29-34
Mersey defences .....	71/99-130, 77/2-37
Milford Haven defences .....	13/3-11, 27/23 & 27-29, 62/2-42, 68/20-27
Moncrieff	
Counterweight mountings RBL 7 inch .....	14/19-22, 27/20
Counterweight mountings RML 64 pdr .....	18/30, 46/35
Counterweight mountings RML 7 inch 7 ton .....	14/18-23, 15/31, 18/27 & 30-31, 22/29, 46/28-35
Counterweight mountings RML 9 inch 12 ton .....	14/17-23, 15/30, 22/29, 28/34, 36/42, 48/9-18
History .....	12/18-23, 13/12-18, 14/17-23, 15/23-34, 16/16-22, 17/23-33, 18/27-32, 22/29-30, 35/35, 84/38-39
Hydropneumatic mountings .....	49/20-29
Hydropneumatic siege mountings .....	41/9-20

Monster guns of the Boer War .....	63/2-18
Mortars Portsmouth forts .....	18/11-17
Moustaches wearing of .....	39/37-38
Muskets & rifles of the Victorian army .....	44/27-36, 83/64-70

## **N**

National Archive references	
Armament returns .....	21/6
Plans of Chatham forts .....	22/3
Navy, British 1887 .....	82/91-99
Navy, French 1840-1901 .....	78/60-78
New Zealand fortifications	
South Island .....	53/30-37, 59/19-20
North Island .....	57/9-22
New Zealand (and Australia) Boer artillery trophies .....	56/39-44, 57/37, 59/24-30
Newspaper extracts .....	12/6-11, 14/6-10, 15/8-12, 16/9-12,
.....	18/18-22, 21/2-6, 24/15-27, 56/37-38,
.....	62/35-36, 71/38-40
Norway	
Fredriksten fortress (Halden) .....	58/18-31
Glomma Line & Fronteir Forts .....	68-28-58
Oscarsborg fortress .....	64/2-27
Novgarod & Popov circular ironclads .....	55/35-37, 56/48-49

## **O**

Observations on winter training .....	28/32
Obtaining of commissions .....	66/10
Occupation of Portsmouth forts .....	56/35-37, 59/42-43
Ordnance Committee reports .....	19/10-12, 37/8
Ordnance Stores regulations .....	32/18-21
Orkney defences Longhope Sound .....	32/31-36
Oscarsborg fortress (Norway) .....	64/2-27
Owen Reports .....	80/81-83

## **P**

Paknam Incident .....	82/41-55
Palmerston, Viscount, John Henry Temple .....	24/36, 81/1-7
Palmerston Forts Society – 25 years .....	70/1-20
Palmerston Forts Society – 5 year plan (2026-31) .....	86/ii-viii
Pattern book fort .....	38/34-41, 41/4
Pay army rates of .....	19/17, 72/34
Pay book .....	42/41-42
Pembroke defences .....	13/3-11, 27/23&27-29, 62/2-42
Plans of Chatham Forts in National Archives .....	22/3
Plymouth breakwater .....	39/16-17
Plymouth defences .....	26/6, 27/23, 33/27-30, 43/43
.....	44/41-42
Pneumatic dynamite guns .....	47/17-24, 48/49, 51/19-30, 67/59
Population census 1881 & 1901 .....	12/8, 66/35-52
Popov & Novgarod circular ironclads .....	55/35-37, 56/48-49
Portland breakwater .....	39/17-21
Portsmouth Hill Forts	
Building of .....	67/19-34
News extracts .....	56/37-38
Time-line in their construction .....	67/35-58
Portsmouth battle of (1882) Volunteer review .....	42/12-18, 49/41-48
Portsmouth defences .....	26/6, 27/23, 33/27-30, 43/43, 44/41-42
.....	77/74-83
Portsmouth forts and the Boer War .....	29/21-24, 86/41-54

Portsmouth forts occupation of .....	56/35-37, 59/42-43
Position finders .....	29/31, 33/7-9, 34/5-16, 39/31-35,
.....	43/29-31
Projectiles types of .....	9
Preserved coast Defence guns in United States .....	68/5-1
Propellant and explosives development of .....	See Explosives
Protected barbette Armstrong .....	26/2-5, 27/2-5, 28/30, 31/17-19
Punch extract from .....	62/47
Purchase of commissions .....	34/23

## Q

Quarters, married .....	50/2-17
-------------------------	---------

## R

Racers	
Heavy guns .....	36/17
Medium guns .....	36/10 & 18
RML 9 inch 12 ton .....	32/14
RML 10 inch 18 ton .....	37/20-21
RML 11 inch or 12 inch 25 Ton .....	38/10
RML 12.5 inch 38 ton .....	39/13, 40/10
Range finders .....	29/31, 33/7-9, 34/5-16, 39/31-35
.....	43/29-31
Range indicators .....	33/3, 35/33-34
Rank chevrons .....	52/28
Rations of Tommy Atkins .....	53/40-49
Recruits medical inspection of .....	47/32-34
Red tape-cats .....	51/18
Re-enactors guide Boer clothing and gear .....	61/29-40
Regiments:	
4 <sup>th</sup> Kings Own Royal Regiment .....	45/27
Hampshire & Isle of Wight Artillery Militia .....	10/10, 25/10
4 <sup>th</sup> Lancashire Volunteer Artillery .....	77/2-37
Royal Engineers .....	80/13-21, 80/28-33
Royal Garrison Artillery .....	28/32
Royal Garrison Artillery – 1 <sup>st</sup> Heavy Brigade .....	71/90-98
Royal Malta Fencible Artillery .....	33/31
South Wales Borderers .....	44/26
Wiltshire Regiment 2 <sup>nd</sup> Battalion .....	59/42-43
Regimental canteen .....	59/50, 75/1-19
Regulations for Ordnance stores .....	32/19-21
Repairs WD Schedules of contract works .....	38/34-41, 41/2-8
Rifles & Muskets of the Victorian army .....	44/27-36
Royal Commission 1859 .....	86/1-18
Royal Commission forts use in World War II .....	18/1-6
Royal Navy pay 1855 .....	50/27

## S

San Juan defences Puerto Rico .....	44/2-21
Sashes, wearing of .....	47/31
Savannah & Hilton Head defences .....	49/12-19
Schneider Dynamite Shell .....	85/23-29
Scilly Isles, defences of .....	81/13-38
Semaphore .....	31/2
Semaphore tower at Gharghur Malta .....	55/29-31
Sergeant-Major .....	56/49
Shako plate 30th Foot .....	27/15
Sheerness defences .....	25/24-25
Shell bearer Cunningham .....	30/26

Shifting lobby .....	<b>11/10, 32/15-17, 45/4-7</b>
Shifting room .....	<b>11/10</b>
Shoeburyness ranges .....	<b>14/9-11, 16/11, 26/11-18, 35/35,</b>
.....	<b>74/17-19</b>
Signalling in the army .....	<b>52/2</b>
Sights, gun .....	<b>33/5-6, 33/9</b>
Signs in Victorian Forts .....	<b>47/9-11, 48/19-22, 51/7-8</b>
Siemens Dudley pneumatic dynamite gun .....	<b>47/24, 67/59</b>
Siege operations at Chatham .....	<b>64/35-36</b>
Slides – see Traversing platforms	
Smooth bore guns, naval cartridges for 1500-1867 .....	<b>50/19-26</b>
Soldiers' barracks, clothing & equipment .....	<b>46/2-10</b>
Soldiers' discharge.....	<b>75/1-19</b>
Soldiers' in hospital .....	<b>72/25-32</b>
Soldiers' married quarters & life .....	<b>50/2-7</b>
Soldiers' pay .....	<b>19/17, 72/34</b>
Soldiers' rations .....	<b>53/40-49</b>
Soldiers' sports .....	<b>74/1-13</b>
South Africa:	
Hampshire Volunteers service in Boer War .....	<b>86/41-54</b>
The guns of Fort Johannesburg.....	<b>69/4-31</b>
Transvaal notes from .....	<b>43/43-45</b>
Fort Wynyard .....	<b>85/80-101</b>
Spanish American War –Splendid Little War 1898 .....	<b>44/2-21</b>
Sports & Games .....	<b>74/1-13</b>
St Lucia: Castries A Victorian coaling station .....	<b>68/88-111</b>
Staff .....	<b>47/31</b>
Stokes Bay experiments .....	<b>24/27-28</b>
Submarine mining .....	<b>14/8, 24/19-21, 30/19-20, 45/43-45,</b>
.....	<b>84/30-32</b>
Sunderland defences .....	<b>67/3-18</b>
Swansea defences .....	<b>11/5-8, 50/18-51</b>

## **T**

Tale of a gun 8 inch RML howitzer Malta .....	<b>54/15-46</b>
Tale of two forts: Tilbury Fort & Fredriksten fortress .....	<b>58/18-31</b>
Tangier defences .....	<b>31/17</b>
Tees & Hartlepool defences .....	<b>51/31-47</b>
Telegraph .....	<b>31/2</b>
Terms military .....	<b>19/34-36, 20/33-37, 21/32-37, 22/31-35,</b>
.....	<b>26/5, 37/44, 45/26, 48/46, 49/48, 52/28,</b>
.....	<b>55/31, 56/49, 60/48</b>
Thames defences .....	<b>25/23-24, 45/37</b>
Thailand fortifications .....	<b>82/41-55</b>
Time capsule Christchurch Portsmouth .....	<b>44/41</b>
Torpedoes	
Brennan .....	<b>25/35-37, 26/25-32, 28/3-14, 29/2-16,</b>
.....	<b>30/18-19, 31/26-27, 32/22-30, 35/37,</b>
.....	<b>40/37</b>
News Extracts .....	<b>15/8, 24/19-21, 24/22</b>
Whitehead .....	<b>30/18-19</b>
Transvaal notes from .....	<b>43/32-35</b>
Travelling carriage 3 pdr QF .....	<b>62/43-46</b>
Traversing gear Cunningham .....	<b>23/32-35</b>
Traversing Platforms	
Casemate 7 inch 7 ton Mark I .....	<b>27/10-11, 29/17-18</b>
Casemate 9 inch 12 ton .....	<b>31/9-11</b>
Casemate 10 inch 18 ton .....	<b>37/15-22</b>
Casemate 11 inch or 12 inch 25 ton .....	<b>38/7-11</b>

Casemate 12.5 inch 38 ton .....	39/2-14
Dwarf 7 inch 7 ton Mark I .....	27/12-13
Dwarf 9 inch 12 ton .....	32/11-14
Dwarf 10 inch 18 ton .....	37/15-22
Dwarf 11 or 12 inch 25 ton .....	38/7-9
Dwarf 12.5 inch 38 ton.....	39/2-14
Garrison 8 inch 9 ton elevation .....	30/21-22
High angle mountings .....	34/29-35, 36/19-37
Medium No 1 iron .....	23/19
Medium No 2 iron .....	23/20
Medium No 3 iron .....	23/19
Medium No 4 iron .....	24/9-10
Medium No 5 iron .....	24/10-11
Medium No 6 iron .....	24/12-13
Medium No 7 iron .....	25/11-13
Medium No 8 iron .....	25/14-15
Medium No 9 iron .....	26/7
Medium No 10 iron .....	26/8
Medium No 11 wood .....	20/9
Medium No 12 wood .....	20/10
Medium No 13 wood .....	20/11
Medium No 14 wood .....	21/13-16
Medium No 15 wood .....	21/17
Medium No 16 wood .....	21/17-18
Medium No 17 wood .....	21/18
Medium No 18 wood .....	22/4-5
Medium No 19 wood .....	22/6
Medium No 20 wood .....	22/6
Medium No 21 wood .....	26/8
Medium No 22 wood .....	21/16
Medium No 23 iron .....	26/9-10
Medium No 24 iron .....	26/10
Naval RML 7 inch 6.5 ton (converted) .....	28/31-32
Naval RML 9 inch 12 ton (converted) .....	33/17-18
Parapet RML 9 inch 12 ton .....	33/18-21
Parapet RML 10 inch 18 ton .....	37/18-20
Revised nomenclature .....	24/8
Small port RML 12.5 38 ton .....	40/2-12
Treaty Ports – Irish Republic .....	35/11-28, 37/23-37, 42/18-40
Tremletts Naval Pattern fighting lamp .....	25/31-33, 32/2-5, 33/35
Troopships .....	79/55-74
Trophies: Boer artillery in Australia & New Zealand .....	56/39-44, 57/37, 59/24-30
Truly gargantuan feast .....	55/16
Twydall profile .....	43/25-28
Tyne & Wear defences .....	67/3-18
Types of projectiles .....	9

## U

Uncommon object in a road – 25 ton gun .....	50/18
Underground at Grain Fort .....	49/7-11
United States of America: Defences in:-	
Florida .....	23/21-28
Georgia .....	49/12-19
North Carolina .....	49/12-19, 52/19-28
South Carolina .....	52/19-18
Preserved Coast Defence Guns in .....	68/5-19
Golden Gate defences .....	70/81-112
Washington & Potomac defences .....	72/114-149

## V

Verdun Fall of French Forts .....	40/20
Vice-Admiral Novgorod & the Popov circular ironclads .....	55/35-37, 56/48-49
Victorian forts lettering in .....	47/9-11
Views aerial of Portsmouth forts .....	42/2-6
Volunteers:	
Artillery .....	14/6 & 10, 15/8, 16/9, 18/21, 21/2-6,
.....	24/23-27, 34/16, 35/36, 77/2-37,
.....	80/34-47
City Imperial Volunteers .....	80/84-100
Competitions .....	80/34-47
Engineer .....	16/9 & 10
Hampshire Volunteer corps .....	20/24-25, 79/90-92, 86/41-54
Rifle .....	18/18, 21/6, 24/26-27
Rochdale Rifle Volunteer Corps .....	42/7-8
Scrapbook .....	59/44
Volunteer Reviews .....	15/9-12, 16/9-10, 24/15-27, 42/12-18,
.....	49/40-48, 77/2-37, 79/42-43

## W

War Boer .....	29/21-24, 43/34-39, 77/40-65, 79/1-19,
.....	86/41-54
War Department schedules of contract for works .....	38/34-41, 41/2-8
War implements and terms – guns .....	38/3-6
War Spanish-American 1898 .....	44/2-21
War World War One use of Palmerstonian Fortifications ...	11/3, 34/38-41, 75/20-33, 75/34-47
War World War Two use of Palmerstonian Fortifications ..	18/1-5, 21/21-26, 34/41-47, 35/40,
.....	37/38-41, 42/2-6
Watkins D.R.F.s .....	34/5-16
Watkin PFs .....	43/29-31
Wear (& Tyne) Defences .....	67/3-18
Wearing of sashes .....	47/31
West Bastion Hilsea Lines .....	49/2-6
Western Heights Dover .....	48/23-36
What's in a name – Magdala Battery Gibraltar .....	55/28
Whitworth Boer guns .....	58/11-17
Whitworth J .....	30/29-40
Wilmington trundling around .....	52/19-28
Winter training observations on .....	28/32

## Z

Zalinski pneumatic dynamite gun .....	47/17-22, 48/49, 51/19-28
Zinc cylinders .....	31/12-15

