

CABLES TAKEN OVER BY THE POST OFFICE IN 1870

| Appendix ² - Cables Maintained by Submarine Staff at 1 August 1875 Enclosed and Inland Waters | | | | |
|--|--|--------------|-----------------|----------------------|
| No. | Cable | Length nm | No. of Cores | Length of Wire nm |
| 1 | Across Loch Leven at Ballachulish | 0.173 | 1 | 0.173 |
| 2 | Across River Forth at Alloa | 0.350 | 1 | 0.350 |
| 3 | Across River Tees at Middlesbrough No. 1 | 0.148 | 4 | 0.592 |
| 4 | Across River Tees at Middlesbrough No. 2 | 0.148 | 4 | 0.592 |
| 5 | Across River Tees at Middlesbrough No. 3 | 0.148 | 4 | 0.592 |
| 6 | Across St Helier Harbour | 0.370 | 1 | 0.370 |
| 7 | Across River Foyle at Londonderry No. 1 | 0.340 | 6 | 2.040 |
| 8 | Across River Foyle at Londonderry No. 2 | 0.340 | 6 | 2.040 |
| 9 | Across River Suir at Waterford Bridge No. 1 | 0.147 | 4 | 0.588 |
| 10 | Across River Suir at Waterford Bridge No. 2 | 0.147 | 4 | 0.588 |
| 11 | Ryde | 0.270 | 1 | 0.270 |
| 12 | Across River Medina at Cowes | 0.083 | 6 | 0.498 |
| 13 | Across River Yar at Yarmouth IOW | 0.276 | 4 | 1.104 |
| 14 | Across River Hull at Hull Bridge | 0.039 | 4 | 0.156 |
| 15 | Across River Fal at King Harry's Passage | 0.130 | 1 | 0.130 |
| 16 | Across Poole Harbour No. 1 | 0.090 | 1 | 0.090 |
| 17 | Across Poole Harbour No. 2 | 0.090 | 1 | 0.090 |
| 18 | Across Poole Harbour No. 3 | 0.090 | 4 | 0.360 |
| 19 | Brightlingsea | 0.120 | 1 | 0.120 |
| 20 | King's Ferry, Sheerness | 0.160 | 4 | 0.640 |
| 21 | Across River Medway at Rochester | 0.040 | 9 | 0.360 |
| 22 | Across River Dee at Queensferry, Chester No. 1 | 0.160 | 4 | 0.640 |
| 23 | Across River Dee at Queensferry, Chester No. 2 | 0.160 | 6 | 0.960 |
| 24 | Across River Bann at Forne Bridge | 0.048 | 4 | 0.192 |
| 25 | Across River Bann at Coleraine No. 1 | 0.190 | 6 | 1.140 |
| 26 | Across River Bann at Coleraine No. 2 | 0.190 | 4 | 0.760 |
| 27 | Fiddown Bridge | 0.030 | 2 | 0.060 |
| | TOTALS | 4.477 | | 15.495 |

CABLES TAKEN OVER BY THE POST OFFICE IN 1870

| Appendix 2 - Cables Maintained by Submarine Staff at 1 August 1875 OPEN WATERS | | | | |
|--|---|--------------|-----------------|----------------------|
| No. | Cable | Length nm | No. of Cores | Length of Wire nm |
| 1 | Dartmouth-Guernsey | 66.947 | 1 | 66.947 |
| 2 | Porth Crugmor-Howth | 58.540 | 7 | 409.780 |
| 3 | Abermawr-Greenore | 55.860 | 4 | 223.440 |
| 4 | Loch Ewe-Stornoway | 33.002 | 1 | 33.002 |
| 5 | St Bee's-Isle of Man | 31.180 | 1 | 31.180 |
| 6 | Port Kail-Donaghadee | 23.277 | 4 | 93.108 |
| 7 | Killingtringan Bay-Whitehead | 23.100 | 7 | 161.700 |
| 8 | Guernsey-Alderney | 18.756 | 1 | 18.756 |
| 9 | Guernesey-Jersey | 17.500 | 1 | 17.500 |
| 10 | North Belloch-Inlay | 16.091 | 1 | 16.091 |
| 11 | Uist-Harris | 11.722 | 1 | 11.722 |
| 12 | Ganovan Bay-Mull | 6.067 | 1 | 6.067 |
| 13 | Granton-Burntisland No. 1 | 4.750 | 4 | 19.000 |
| 14 | Granton-Burntisland No. 2 | 4.677 | 7 | 32.739 |
| 15 | Cantyre-Arran | 3.267 | 1 | 3.267 |
| 16 | Hurst Castle-Isle of Wight | 1.029 | 7 | 7.203 |
| 17 | Across Humber at New Holland | 1.377 | 4 | 5.508 |
| 18 | Across Loch Long at Blairmore No. 1 | 1.500 | 6 | 9.000 |
| 19 | Across Loch Long at Blairmore No. 2 | 1.570 | 4 | 6.280 |
| 20 | Across Loch Tyne at Stracher | 1.115 | 6 | 6.690 |
| 21 | North Queensferry-South Queensferry No. 1 | 1.328 | 4 | 5.312 |
| 22 | North Queensferry-South Queensferry No. 2 | 1.220 | 7 | 8.540 |
| 23 | Across Waterford Harbour at Duncannon No. 1 | 1.353 | 4 | 5.412 |
| 24 | Across Waterford Harbour at Duncannon No. 2 | 1.420 | 4 | 5.680 |
| 25 | Across Waterford Harbour at Duncannon No. 3 | 1.510 | 4 | 6.040 |
| 26 | Ardine Point-Ardberg Point, Bute | 1.135 | 6 | 6.810 |
| 27 | Tayport-Broughty Ferry No. 1 | 1.022 | 4 | 4.088 |
| 28 | Tayport-Broughty Ferry No. 2 | 0.978 | 7 | 6.846 |
| | TOTALS | 391.293 | | 1227.708 |

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CABLES TAKEN OVER BY THE POST OFFICE IN 1870

Submarine cable system — Transferred to Post Office

| Original Owner | Cable | Length nm | Core | | Armour | | Length of wire nm | Date Laid | Remarks | |
|--|--|-----------|--------|--------------------------|------------------------|--------------------------|-------------------|---------------------------|--------------------------------|---------------------------------|
| | | | No. | Type | Shore End | Main Cable | | | | |
| E&IT Co. | South Lowestoft (Old Dunwich) (Zandvoort, Holland) | 119.73 | 4 | 142/223 107/150 | 15/5 + 33/3 | 10/0 11/1 | 478.92 — | 9/1858 8 and 9 1868 | Solid conduct Solid conduct | |
| | Major renewal — landing changed from Dunwich to Lowestoft | | | | | | | | | |
| | North Lowestoft (Zandvoort, Holland) | 105.00 | 4 | 142/223 | 15/5.5 + 36/5.5 | | 10/0 | 420.00 | 8/1862 | Solid conduct |
| | Wexford (Abermawr-Greenore) | 52.00 | 4 | 107/166 | | 12/3 + 36/3 | 12/3 — | 208.00 — | 3/1862 9 and 1 1865 | Solid conduct |
| | Belfast (Blackhead, Wigonshire-Whitehead-Antrim) | 22.55 | 7 | 6 × 73/166 1 × 70/132 | | | 6 × 10/8 | 157.85 | 6/1866 | Solid conduct Strand conduct |
| | Made up of six component sections of the recovered Hague Cables laid up together with the addition of an unsheathed centre core with India Rubber insulation made by Mr Hooper in 1866 | | | | | | | | | |
| | Firth of Forth (old) (Granton-Burrtisland) | 4.65 | 4 | 73/166 | | | 4 × 10/8 | 18.60 | 1862 | Solid conduct |
| | Made up of four Hague cables laid up together | | | | | | | | | |
| | Firth of Forth (new) (Granton-Burrtisland) | 4.65 | 4 | 142/223 | | | 10/0 | 18.60 | 1/1863 | Solid conduct |
| | Made up mostly of South Lowestoft cable and partly of North Lowestoft cable | | | | | | | | | |
| | Tayport (old) (Broughty Ferry) | 1.02 | 4 | 73/166 | | | 4 × 10/8 | 4.06 | 1862 | Solid conduct |
| | Made up of 4 Hague cables laid up together | | | | | | | | | |
| | Tayport (new) (Broughty Ferry) | 1.02 | 4 | 142/223 | | | 10/0 | 4.06 | 1/1863 | Solid conduct |
| | Made up of South Lowestoft Cable | | | | | | | | | |
| | Humber (New Holland-Hull) | 1.44 | 4 | 73/166 142/223 | | 15/5.5 + 12 × 3 wires | 4 × 10/8 10/0 | 5.76 | 1861 | Solid conduct Solid conduct |
| | | | | 107/150 | 15/5 + 12 × 3 wires | | | | Strand conduct | |
| Similar to Nordeney shore end Originally made up with 4 Hague cables laid up together | | | | | | | | | | |
| Isle of Wight (Hurst Castle-IoW) | 1.30 | 7 | 73/166 | | | 7 × 10/8 | 9.10 | 3/1866 | Solid conduct | |
| Made up of 7 Hague cables laid up together | | | | | | | | | | |

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| Original Owner | Cable | Length nm | Core | | Armour | | Length of wire nm | Date Laid | Remarks | |
|--|--|-----------|------|---------|-----------|------------|-------------------|-----------|---------|-----------------------|
| | | | No. | Type | Shore End | Main Cable | | | | |
| E&IT Co. | River Dart | 0.26 | 1 | | | | 10/2 | 0.26 | 3/1868 | Solid conductor |
| | Milford Haven | 0.59 | 4 | 73/166 | | | 4 x 10/8 | 2.36 | 1/1862 | Solid conductor |
| | Made up of 4 Hague cables laid up together | | | | | | | | | |
| | Waterford Harbour (Geneva Barracks-Fort Duncannon) | 1.73 | 7 | 73/166 | | | 7 x 10/8 | 12.11 | 5/1862 | Solid conductor |
| Made up of 7 Hague cables laid up together | | | | | | | | | | |
| B&IMT Co. | Magnetic (Portpatrick- -Donaghadee) | 21.60 | 6 | 73/151 | | | 12/2 | 129.60 | 5/1853 | Solid conductor |
| | Four miles heavy shore end inserted on Irish side in 1867 | | | | | | | | | |
| | British (Portpatrick- Whitehead, Antrim) | 22.60 | 6 | 73/151 | | | 12/2 | 135.60 | 5/1854 | Solid conductor |
| | One and a half miles heavy shore end inserted on Irish side in 1866 | | | | | | | | | |
| | Lough Foyle (nr Londonderry) | 1.00 | 3 | | | | | 3.00 | 1861 | |
| River Suir (nr Waterford) | 0.074 | 6 | | | | | 0.44 | 1866 | | |
| RT Co. | Reuter's (Lowestoft- Norden in Hanover) | 232.30 | 4 | 107/150 | 12 x 3/5 | | 12/1 | 895.00 | 10/1864 | Strand conductor |
| | (223.75 nm open sea plus 5.55 nm shallow water and 3.00 land cable.) | | | | | | | | | Cable jointed through |