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| History of the Atlantic Cable & Undersea Communicationsfrom the first submarine cable of 1850 to the worldwide fiber optic network |

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| **Research Material Needed**The Atlantic Cable website is non-commercial, and its mission is to make available on line as much information as possible.You can help - if you have cable material, old or new, please contact me.Cable samples, instruments, documents, brochures, souvenir books, photographs, family stories, all are valuable to researchers and historians.If you have any cable-related items that you could photograph, copy, scan, loan, or sell, please email me:Bill Burns - billb@ftldesign.com  |

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| http://atlantic-cable.com/Images/smcable01_small.jpg | AtlanticCableStock.jpg (27830 bytes) | http://atlantic-cable.com/Images/eighthwonder2_small.jpg |
| [Atlantic cables of 1858, 1865, and 1866](http://atlantic-cable.com/Cables/1858-66Atlantic/index.htm) | [Atlantic Telegraph Company stock certificate dated 19th May 1858](http://atlantic-cable.com/stock.htm)   | [The Eighth Wonderof the World](http://atlantic-cable.com/wonder.htm) |

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| Atlantic Cables: 1857-1866 |
|   | [Master Index](http://atlantic-cable.com/Article/AtlanticCables/index.htm) to articles on the first Atlantic Cables |
| The 1857-58 Atlantic Cable |
|   | [History of the Atlantic Cable enterprise, 1850-1858](http://atlantic-cable.com/Cables/1857-58Atlantic/index.htm)by Bill Glover  |
|   | [The 1858 cable history as it happened](http://atlantic-cable.com/Article/1858Leslies/index.htm) - reported by Frank Leslie’s Illustrated Newspaper |
| Atlantic Cables: 1856-2016 |
|   | [Master Timeline](http://atlantic-cable.com/Cables/CableTimeLine/atlantic.htm) of all Atlantic Cables |
| Cyrus Field - A Contemporary Record  |
|   | [Cyrus Field Photographs and Portraits](http://atlantic-cable.com/Field/index.htm) - the man behind the Atlantic Cable  |
|   | [Cyrus Field Medals](http://atlantic-cable.com/Medals-Tokens/index.htm) and other cable medals and tokens |
|   | [Cyrus Field’s Descendants](http://atlantic-cable.com/Field/FieldDescendants.htm) - Diane Gravlee’s comprehensive list of Cyrus Field’s family and descendants, down to the seventh generation  |
|   | [The Brothers Field](http://atlantic-cable.com/Field/FieldBrothers/index.htm) - Russell Carpenter’s history of the five brothers of the Field family who held among them a total of 10 academic and honorary degrees from Williams College.  |
|   | [Cyrus Field Family Portraits](http://atlantic-cable.com/Field/portraits.htm) - images of paintings of Cyrus Field and his parents, wife, and sons, owned by Peter Christian Hall and Alix-Marie Hall, New York City-based siblings whose great-grandfather was Frederick Joseph Stone, Cyrus Field’s nephew |
| Cable Bibliography |
|   | [Main Reference Bibliography](http://atlantic-cable.com/bibliography.htm) - Books and other printed material |
| [Current Bibliography](http://atlantic-cable.com/Bibliography/index.html) - books available for purchase, book reviews, recent magazine articles |
| [Additional Bibliography](http://atlantic-cable.com/Bibliography/cooksonbiblio.html) - Gill Cookson’s Submarine Telegraphy Research Notes |
| [Book Cover Images](http://atlantic-cable.com/Books/BookCovers.htm) - from Cable and Telegraph Books |
| [Cable Company Book Advertisements](http://atlantic-cable.com/Ads/index.html) |
| [Atlantic Cable Sheet Music](http://atlantic-cable.com/Music/Music.htm) - popular songs and music inspired by the cable expeditions |
| Cable Pioneers |
|   | [Images, brief biographies, and autographs of the men who pioneered and promoted the cable industry](http://atlantic-cable.com/CablePioneers/index.htm) |
| Cable Timeline - 1845 to 2016 by Bill Glover |
|   | [A chronological record of every major submarine communications cable](http://atlantic-cable.com/Cables/CableTimeLine/index.htm). Corrections and updates are welcome.Includes sections on [cable signalling speeds](http://atlantic-cable.com/Cables/speed.htm), [cable design features](http://atlantic-cable.com/Cables/design.htm), and [cable recovery](http://atlantic-cable.com/Cables/Recovery/index.htm). |
| Cable & Wireless |
|   | [Bill Glover’s History of Cable & Wireless](http://atlantic-cable.com/CableCos/CandW/index.htm) - a detailed history of the firm and its predecessor companies, illustrated with original telegrams, covers, and other documents. |
| Cable Ships |
|   | [Cable Ships](http://atlantic-cable.com/Cableships/index.htm) - illustrated articles on ships used for cable laying and repair, from 1850 to 2010 |
| Cable Stories - 1850 to 1989 |
|   | [Personal stories and photographs of the cable industry, shared by site visitors.](http://atlantic-cable.com/CableStories/index.htm) Contributions are welcome! |
| Cable Stamps and Covers  |
|   | [Submarine Cable Stamps and First Day Covers](http://atlantic-cable.com/stamps/index.htm) - includes Atlantic Cable 75th and 100th anniversary stamps and covers, Bill Glover’s extensive collection of cableship stamps and covers with information on each ship and the cables laid, and Bill’s history of Cable & Wireless, illustrated with original telegrams and covers. |
| Cable Artifacts, Ephemera, and Memorabilia |
|   | [Atlantic Cable Broadsides 1856-66](http://atlantic-cable.com/Ephemera/Broadsides/index.htm) |
| [Cable Equipment and Cable Samples](http://atlantic-cable.com/Equipment/index.htm) |
| [Early Cable Instruments](http://atlantic-cable.com/Article/Instruments/index.htm) - text and images of a talk given at the Antique Wireless Association Conference, August 2009 |
| [Memorabilia, Ephemera, and Promotional Material](http://atlantic-cable.com/Souvenirs/index.htm) - Cable Watch Fob, 1858 Atlantic Cable Album, Cable Candlestick, Niagara Anchor, Cable Cane, Cable Snuff Box, Cable Earrings  |
| [1858 Cable Souvenir Advertisements](http://atlantic-cable.com/Souvenirs/1858Ads/index.htm) - the short-lived frenzy in New York for all things cable after the successful expedition of 1858 |
| Cables for Electrical Power |
|   | [A guide to the differences between power and communications cables](http://atlantic-cable.com/Cables/Power/index.htm)  |
| Research Requests - contributions welcome  |
|   | [Mystery Cable at Porthcurno Telegraph Museum](http://atlantic-cable.com/Cables/PKCable/index.htm) by Allan Green. This landline cable may have been used as a telegraph connection, or in a radio application.  |
| Special Feature Sections |
|   | [Major Submarine System Suppliers (1850 -2012)](http://atlantic-cable.com/CableCos/Suppliers/index.htm) - the evolution of undersea cable companies from the beginning of the industry until the present day, by Stewart Ash |
| [The Cable History Trail](http://atlantic-cable.com/Article/CableTrail/index.htm) - an illustrated guide for visitors to the sites of the earliest Atlantic Cables in County Kerry, Ireland  |
| [Cable Route Maps - from the first Atlantic Cable to present](http://atlantic-cable.com/Maps/index.htm) |
| [Cable Manufacturing & Laying Companies and Cable Stations](http://atlantic-cable.com/CableCos/index.htm) - illustrated articles on early cable companies and cable stations |
| Report on the [IEEE Conference on the History of Telecommunications](http://atlantic-cable.com/NF2001/index.htm), St. John’s, Newfoundland, 25-27 July, 2001 - includes photographs of the Heart’s Content Cable Station Museum |
| ["Online - 150 Years on the Net"](http://atlantic-cable.com/Article/2004DanishPTT/index.htm) - an overview of the special exhibition at the Danish Post & Tele Museum, Copenhagen (2 February to 19 September 2004) |
| [150 Years Of Industry & Enterprise At Enderby’s Wharf](http://atlantic-cable.com/Article/EnderbyAG/index.htm) - by Allan Green |
| [The Atlantic Cable Medal of 1866](http://atlantic-cable.com/Souvenirs/1866Medal/index.htm) - article by Herman Blanton on the medals presented after the success of the 1866 cable  |
| [Distant Writing - The Telegraph Companies in Britain between 1838 and 1868](http://distantwriting.co.uk/) - website by Steven Roberts on British Telegraphy from 1838 to 1868, which includes considerable detail on the submarine cable companies working in this period. |
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| Cable History:Original Articles and Reprints of Early Material |

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| 1827 | [Precursor to the Electric Telegraph](http://atlantic-cable.com/Article/Holyhead-Liverpool/index.htm) - article by Bill Glover on the Holyhead - Liverpool semaphore telegraph, established in 1827 and finally superseded by a cable/landline connection in 1861 |
| 1837-1860 | [Early Landline Telegraph Cables](http://atlantic-cable.com/Article/IAR/IndArchReviewArticle.htm) - 1978 article by Francis Celoria on the beginnings of the telegraph cable industry in Britain |
| 1838-1868 | [Distant Writing - The Telegraph Companies in Britain between 1838 and 1868](http://atlantic-cable.com/Article/DistantWriting/index.htm) - article by Steven Roberts on British Telegraphy which includes considerable detail on the submarine cable companies working in this period |
| 1840-1866 | [Origins of the Submarine Cable Industry in Britain](http://atlantic-cable.com/Article/Origins/index.htm) - a paper presented at the [Fleming Centenary Conference](http://www.ee.ucl.ac.uk/Fleming/Conf/), University College London, 1-2 July 2004 |
| 1842-1853 | [Cyrus Field, Paper Merchant](http://atlantic-cable.com/Field/papermerchant.htm) - how Field made his fortune |
| 1845-1857 | [On the Submarine Telegraph](http://atlantic-cable.com/Article/Brett/index.htm) - John Watkins Brett on his involvement, together with his brother Jacob Brett, in the early cable enterprise |
| 1845-1950 | [The Gutta Percha Company](http://atlantic-cable.com/Article/GuttaPercha/index.htm) - insulation, and more; one of Telcon’s predecessor companies  |
| 1849 | [Early British Experiments in Submarine Telegraphy](http://atlantic-cable.com/Article/1849Walker/index.htm) - by Charles V. Walker |
| 1849 | [Article from *The Times* on Walker’s experiments](http://atlantic-cable.com/Article/1849CableTests/index.htm) |
| 1849 | [Horatio Hubbell and his claim to be the originator of the Atlantic Cable](http://atlantic-cable.com/Article/Hubbell/index.html) - a forgotten pioneer |
| 1849 | [Joseph Hyppolyte Pulte and the land route to Europe](http://atlantic-cable.com/Article/Pulte/index.htm) - another forgotten visionary  |
| Pre-1850 | [Wire Rope and the Submarine Cable Industry](http://atlantic-cable.com/Article/WireRope/wirerope.htm) - the origins of cable-making technology |
| 1850 | [The 1850 Dover-Calais Cable](http://atlantic-cable.com/Article/1850DoverCalais/index.htm) - articles from *Scientific American* and *The Living Age* on the first cross-Channel cable |
| 1850-1858 | [The First Atlantic Cable](http://atlantic-cable.com/Cables/1857-58Atlantic/index.htm) - history of the early attempts to lay the cable  |
| 1850-1851 | [The Submarine Telegraph Company](http://atlantic-cable.com/stamps/Cableships/indexstc.htm) - the company which laid the first cross-Channel cables  |
| 1850-1851 | [1850 & 1851 Dover-Calais Cables](http://atlantic-cable.com/Article/1850-51-Smith/index.htm) - from Willoughby Smith’s book |
| 1852-1866 | [Anglo-Irish Cables](http://atlantic-cable.com/Cables/Anglo-Irish/index.htm) - article on these important early lines by Steven Roberts |
| 1852 | [The Electric Telegraph](http://atlantic-cable.com/Article/ElectricTelegraph/index.htm) - a poem on the wonders of telegraphy |
| 1853 | [Shaffner and Sleeth’s Ohio River Cable at Paducah](http://atlantic-cable.com/Article/Sleeth/index.htm) |
| 1854 | [The Atlantic Cable Projectors](http://atlantic-cable.com/Projectors/index.htm) - how it all began |
| 1855 | [European Sub-Marine Telegraph](http://atlantic-cable.com/Article/1855CrimeaCable/index.htm) - article from *Scientific American* on the Crimea cable |
| 1856 | [Marshall Lefferts at the American Geographical and Statistical Society](http://atlantic-cable.com/Article/1856Lefferts/index.htm) - speaking on The Electric Telegraph; its Influence and Geographical Distribution |
| 1857 | [Laying the Atlantic Telegraph Cable from Ship to Shore](http://atlantic-cable.com/Books/1857Isaac/index.htm) - a portfolio of eight lithographs together with a description of landing the shore end of the 1857 cable at Valentia, Ireland, by John R. Isaac. |
| 1857 | [Professor Hall’s Floating Telegraph Stations](http://atlantic-cable.com/Article/1857Hall/index.htm) - an alternative to a single span cable across the Atlantic |
| 1858 | [On Submerging Telegraphic Cables](http://atlantic-cable.com/Article/1858ICE/index.htm) - report on a paper presented to the Institution of Civil Engineers (London) |
| 1858 | T[he Northern Land Route](http://atlantic-cable.com/Shaffner/shaffner.htm) - Tal Shaffner’s alternative to the Atlantic Cable |
| 1858 | [Henry Field’s Summer Pictures](http://atlantic-cable.com/Article/1858SummerPictures/index.htm) - a brief account of the meeting of the Field brothers in Plymouth just before the sailing of the expedition |
| 1858 | [The Cable History as it happened](http://atlantic-cable.com/Article/1858Leslies/index.htm) - reported by Frank Leslie’s Illustrated Newspaper |
| 1858 | [The Cable Celebration in New York City](http://atlantic-cable.com/1858NY/index.htm) - contemporary illustrations and text |
| 1858 | [Speech by David Dudley Field](http://atlantic-cable.com/Article/1858DDF/index.htm) - at the Crystal Palace, the Cable Celebration in New York City |
| 1858 | [Robert Merry’s Museum](http://atlantic-cable.com/Article/Merry/index.htm) - articles on the cable from a children’s magazine  |
| 1860 | [On the Maintenance and Durability of Submarine Cables in Shallow Waters](http://atlantic-cable.com/Article/1860Preece/index.htm) - paper presented by William Henry Preece to the Instituition of Civil Engineers |
| 1861 | [Deep-Sea Telegraphs](http://atlantic-cable.com/Books/Saward-DS/index.htm) - George Saward examines the failures to date and proposes remedies |
| 1861 | [Henry O’Rielly and the Russo-American Telegraph](http://atlantic-cable.com/Article/1861ORielly/index.htm) - another unsuccessful proposal |
| 1862 | [Cyrus Field at the American Geographical and Statistical Society](http://atlantic-cable.com/Article/1862FieldNY/index.htm) - speaking on Prospects of the Atlantic Telegraph |
| 1863 | [Cyrus Field at the New-York Chamber of Commerce](http://atlantic-cable.com/Article/1863NYCCMeeting/index.htm) - A Meeting Called to Further the Enterprise of The Atlantic Telegraph |
| 1865 | [Telegraphy and the Atlantic Cable in the U.S. Capitol Dome](http://atlantic-cable.com/Capitol/capitol.htm) |
| 1865 | [Russell: The Atlantic Telegraph](http://atlantic-cable.com/Books/Russell/index.html) - high resolution scans of the cover, title page, and the tinted lithographs from the book recording the events of the 1865 Great Eastern cable expedition |
| 1865 | [Original letter from Sir Daniel Gooch](http://atlantic-cable.com/Article/Gooch/index.html) describing the loss of the cable on the 1865 Great Eastern expedition |
| 1865 | [The 1865 Atlantic Cable](http://atlantic-cable.com/Cables/1865Atlantic/index.htm) - companies involved in its manufacture |
| 1865 | [John C. Deane’s Diary](http://atlantic-cable.com/Article/1865Deane/index.htm) of the 1865 Great Eastern expedition |
| 1865 | [Letter from Sir Robert Peel](http://atlantic-cable.com/Article/1865Peel/index.htm) to John C. Deane, later Secretary of the Anglo-American Telegraph Company, concerning the loss of the 1865 cable |
| 1865 | [Paper by William Thomson](http://atlantic-cable.com/Article/1865Thomson/index.htm) on The Forces Concerned in the Laying and Lifting of Deep-sea Cables. |
| 1866 | [The Recovery of the Cable](http://atlantic-cable.com/Article/1866Recovery/index.htm) - detailed description of the recovery of the 1865 cable, from Henry Field’s book |
| 1867 | [Submarine Telegraphy at the Paris Universal Exhibition](http://atlantic-cable.com/Article/1867Sabine/index.htm) - survey and review by Robert Sabine |
| 1869 | [The First French Atlantic Cable](http://atlantic-cable.com/Article/1869French/index.htm) - illustrated by stereoviews |
| 1870-74 | [James Nicol: cableship voyages](http://atlantic-cable.com/CableStories/Nicol/index.htm) - life on board ship |
| 1871 | [Remarks of Mr Cyrus W. Field at the International Telegraphic Conference](http://atlantic-cable.com/Article/1871FieldRome/index.htm) - Rome, December 28th 1871 |
| 1872 | Sir James Anderson on [Submarine Cables](http://atlantic-cable.com/Article/1872Anderson/index.htm) - their design and construction, and reasons for their failure |
| 1877 | [The Laying of the Ocean Cable](http://atlantic-cable.com/Article/CooperOpinions/index.htm) - Peter Cooper’s story of the Atlantic Cable |
| 1879 | [25th Anniversary Celebration Invitation](http://atlantic-cable.com/1879Invitation/Invitation.htm) - the anniversary of Field’s first involvement with the cable project |
| 1879 | [Speech by David Dudley Field](http://atlantic-cable.com/Article/1879DDF/index.htm) - at the 25th Anniversary Reception |
| 1879 | [The Second French Cable](http://atlantic-cable.com/Article/FrenchCableStation/index.htm) - including photographs from the French Cable Station Museum at Orleans, Massachusetts |
| 1882 | [Facts and Observations Relating to the Invention of the Submarine Cable](http://atlantic-cable.com/Books/Newall/index.htm) by R.S. Newall. In which Newall sets the record straight on who did what in the early days of cable laying. |
| 1884 | [On The Causes Of Failure Of Deep-Sea Cables](http://atlantic-cable.com/Article/1865CableFailure/index.htm) by James Graves. Article on the failure of the 1865 Atlantic cable from the Journal of the Society of Telegraph-Engineers and Electricians, No. 51, Vol. XIII, 1884. The author was a cable engineer who supervised the manufacture of the 1865 cable and was later superintendent of the Valentia cable station where the recovered 1865 cable terminated. |
| 1884 | [A Visit to the Works of Messrs. Siemens Bros.](http://atlantic-cable.com/Article/1884Siemens/index.htm) - article from *The Telegraphist* |
| 1885 | [Life on the Atlantic Telegraph Company’s Valentia Cable Station](http://atlantic-cable.com/CableCos/Valentia/index.htm) - article from *The Telegraphist* |
| 1886 | [Government Telegraphy](http://atlantic-cable.com/Article/1886FieldNAReview/index.htm) - article by Cyrus W. Field in *The North American Review* |
| 1886-95 | [Captain Basil Combe](http://atlantic-cable.com/Article/Combe/index.htm) - a firsthand account of life on the cableships |
| 1887 | [The India-rubber, Gutta-percha, and Telegraph Works Company, Limited (Silvertown)](http://atlantic-cable.com/CableCos/Silvertown/index.htm) - article from *The Telegraphist* |
| 1887 | [The Submarine Cables Trust](http://atlantic-cable.com/Article/SCTrust/index.htm) |
| 1889 | [Cable Operators: The Little Army of Men Who Work the Long Ocean Wires](http://atlantic-cable.com/Article/1889CableMen/index.htm) |
| 1890 | [CS *Westmeath* Cable Survey](http://atlantic-cable.com/Cables/1890WestmeathSurvey/index.htm) - detailed report of a survey expedition |
| 1890 | [With a Cable Expedition](http://atlantic-cable.com/Article/1883Cable/index.htm) - article by Herbert Laws Webb |
| 1892 | [Cyrus Field’s Will](http://atlantic-cable.com/Field/fieldwill.htm) - has details on the many awards and souvenirs which Field collected in his long association with the cable industry |
| 1892 | [The Submarine Cables of the World](http://atlantic-cable.com/Article/1892MandB/index.htm) - cable system survey article from *Manufacturer & Builder* |
| 1892 | [Cables Under The Ocean](http://atlantic-cable.com/Article/1892CablesNYT/index.htm) - cable system survey article from the *New York Times* |
| 1894 | [Summary of the Progress of Submarine Telegraphy](http://atlantic-cable.com/Article/1894SubTelEnt/index.htm) - 1894 article from *The Electrician* on 25 years of telegraphy to the Far East |
| 1894 | [Submarine Telegraph Enterprise](http://atlantic-cable.com/Article/1894SubTelEnt/index.htm) - article from *Engineering* on the cost of laying and maintaining cables |
| 1895 | [Nerves of the World](http://atlantic-cable.com/Article/1895MunroNerves/index.htm) - article on submarine cables by J. Munro, author of *Heroes of the Telegraph* |
| 1895 | [At an Atlantic Cable Station](http://atlantic-cable.com/Article/1895HazelHill/index.htm) - article by Roland Belfort  |
| 1896 | [Repairing a Break](http://atlantic-cable.com/repairs/repairs.htm) - book extract |
| 1896 | [The Making and Laying of an Atlantic Cable](http://atlantic-cable.com/Article/mcclures/1896mcclures.htm) - article by Henry Muir |
| 1897 | [Making and Laying an Atlantic Cable](http://atlantic-cable.com/Article/1897MakingCable/index.htm) - article by Roland Belfort  |
| 1898 | [Cable-Cutting At Cienfuegos](http://atlantic-cable.com/Article/1898CubaCablesCut/index.htm) - article by Lieutenant Cameron McR. Winslow on the US Navy expedition to cut Cuba’s submarine cables during the Spanish-American War |
| 1898 | [Submarine Cable Laying](http://atlantic-cable.com/Article/1898CrouchStrand/index.htm) - *Strand Magazine* article by Archer Philip Crouch, C.E. |
| 1898 | [Submarine Telegraph Lines](http://atlantic-cable.com/Article/1898Matheson/index.htm) - article by Ewing Matheson which includes costs for laying and maintaining cables |
| 1899 | [Telegraph Cables](http://atlantic-cable.com/Article/1899Cooke/index.htm) - article by C.J. Cooke including details of his work with Hooper’s Telegraph Company laying cables on the west coast of South America in the 1870s |
| 1900 | [The Projected Cable-Line to the Philippines](http://atlantic-cable.com/Article/1900Philippines/index.htm) - article in *The National Review* by Chandler Hale |
| 1900-13 | [James Joseph Cope, Siemens Brothers and CS *Faraday*](http://atlantic-cable.com/CableStories/Cope/index.htm) |
| 1902 | [How Cables Unite The World](http://atlantic-cable.com/Article/1902WorldsWork/index.htm) - article from *The World’s Work* giving a good overview of the cable industry at the beginning of the 20th century  |
| 1906 | [Auction Sale of Cyrus Field’s Correspondence and Papers](http://atlantic-cable.com/Field/auction.htm) - many interesting and unusual items from Field’s library |
| 1914 | [Walter Claypoole](http://atlantic-cable.com/CableStories/Claypoole/index.htm) - Far Rockaway and Canso stations of the Commercial Cable Company at the beginning of World War I.  |
| 1914 | [The Battle of Cocos](http://atlantic-cable.com/Article/1914BattleOfCocos/index.htm) - in which the Germans destroy the cable station on Direction Island, and the aftermath |
| 1915 | [How submarine cables are made, laid, operated and repaired](http://atlantic-cable.com/Article/1915CCC/index.htm) - article by the Commercial Cable Company |
| 1922 | [Submarine Telegraph Cables](http://atlantic-cable.com/Article/SciAm/index.htm) - article by Lt.-Col. C. deF. Chandler |
| 1923 | [Laying a Deep-Sea Cable Line Delicate and Dangerous Job](http://atlantic-cable.com/Article/1923CableLaying/index.htm) - New York Times article |
| 1923 | [Electrical Communications](http://atlantic-cable.com/Article/1923Carty/index.htm) - a survey by John J. Carty of AT&T of radio and cable communications between the USA and the rest of the world at an interesting turning point in technology |
| 1925 | [On Board the Cable Ship](http://atlantic-cable.com/Article/subcable1925.htm) - article by George W. Gray |
| 1926 | [Cable Chess Match](http://atlantic-cable.com/Article/1926CableChess/index.htm) between London and Chicago |
| 1934-39 | [Post Office Green Papers](http://atlantic-cable.com/Books/GreenPapers/index.htm) include one on cables and others on telegraph history |
| 1943 | [Theirs the Job to Keep the Cables Mended](http://atlantic-cable.com/Article/1943Shaw/index.htm) - newspaper article on cable laying and repair in wartime |
| 1944 | [Cable Station RM](http://atlantic-cable.com/Article/1944CableStationRM/index.htm) - Cal Sheckler’s account of diverting the 1926 Azores-Emden German cable into Normany for use by the Allied Forces after D-Day |
| 1944 | [Cable & Wireless - Communications Old And New](http://atlantic-cable.com/Article/CandW/index.html) - book illustrations by C.F. Tunnicliffe |
| 1959 | [Salient Features In Cable Design Since 1850](http://atlantic-cable.com/Cables/design.htm) - a timeline of cable technical developments from 1850 to 1959 by Submarine Cables Ltd.  |
| 1968 | [Undersea Cable](http://atlantic-cable.com/Article/1968Lenkurt/index.htm)- an overview of repeatered telephone cable systems |
| 1970 | [Undersea Cable Systems - A Survey](http://atlantic-cable.com/Article/Easton/index.htm) (or: Explanation to an Unknown Lady in Philadelphia) - article by Robert L. Easton |
| 1974 | [Tiffany Cable Samples](http://atlantic-cable.com/Article/Lanello/index.htm) - if you’ve ever wondered about the source of all those Tiffany-marked samples of the 1858 cable which show up on eBay every few weeks, and whether or not they are genuine, here’s the story. (The cable samples are genuine; the certificates and boxes are vintage 1974, although authentic 1858 certificates are occasionally found).  |
| 2001 | [The Transatlantic Cable Stations - An Irish Perspective](http://atlantic-cable.com/NF2001/CCPaper/index.htm) - paper by Cornelia Connolly, presented at the IEEE Conference on the History of Telecommunications, St. John’s, Newfoundland, July 2001 |
| Landline Telegraphy  |
| 1867 | [Modern Telegraphy](http://gallica.bnf.fr/ark%3A/12148/bpt6k82605g.r%3D.langEN): some errors of dates of events and of statement in the history of telegraphy exposed and rectified / by Samuel F.B. Morse. Paris, June 1867. The link is to the Bibliothèque National de France; the text may be read on screen there, or downloaded. |
| 1871 | [London And North Western Railway Telegraph Rules And Regulations](http://atlantic-cable.com/Books/LNWR/index.html) - complete scan of the 1871 employee handbook, with instructions on using the Single Needle telegraph |
| Links to Other Sites |
|   | [Lords of Lightning](http://lordsoflightning.com/) - telegraph history research resources, with many useful links to archives, museums, and historical newspapers |
| [Find Latitude and Longitude](http://www.findlatitudeandlongitude.com/) - locate positions at sea for recovered cables |
| [HMTS *Alert (2)* website](http://www.hmts-alert.org.uk/) by Charlie Voss |
| [Les Amis Des Câbles Sous-Marin](http://www.cablesm.fr/) - French cable history site |
| [Aronsson’s Telecom History Timeline](https://web.archive.org/web/20130724101651/http%3A/aronsson.se/hist.html) - a detailed timeline of communications history from 15,000 BC through September 2001 [archived copy] |
| [Ascension Island Heritage Society](http://www.heritage.org.ac/index.htm) - includes a history of the Eastern Telegraph Company and Cable & Wireless on Ascension, with period photographs |
| [The Atlantic Cable](http://www.sil.si.edu/digitalcollections/hst/atlantic-cable/) - by Bern Dibner, 1959. The Smithsonian website has full-page images of the entire text of Dibner’s book, an important and comprehensive reference to the history of the cable. |
| [Atlantic Cable Souvenirs](http://curiousworldofvictoriancollecting.blogspot.co.uk/2015/05/transatlantic-telegraphs-cable.html) - Mary Addyman's page on cable souvenirs in the [Cuming Museum](http://en.wikipedia.org/wiki/Cuming_Museum) (Southwark) collection  |
| [Atlantic Sentinel](http://www3.nf.sympatico.ca/dtarrant/sentinel.html) - a book by Donald R. Tarrant on the history of transatlantic communications in Newfoundland |
| [Bamfield Cable Station](http://www.bms.bc.ca/information/archive/historical.html) - the site in British Columbia of the Pacific Cable Board Cable Station, which served as the eastern terminus of the trans-pacific telegraph cable from 1901 to 1959. The facility is now the Bamfield Marine Sciences Centre |
| [Bay Roberts Cable Station](http://www.virtualmuseum.ca/pm.php?id=exhibit_home&fl=0&lg=English&ex=00000052) - the 1910 cable station building in Newfoundland is now a local history museum. The museum’s website has many historic cable images.  |
| [Cabot Strait Telegraph Cable 1856](http://ns1763.ca/victco/cabotcablem.html) - an early link in the first Atlantic cable |
| [Canso Cable Station](http://www.ccrsociety.ca/) - the Commercial Cable Rehabilitation Society is revitalizing the former Commercial Cable trans-Atlantic relay station in Hazel Hill, Nova Scotia. |
| [The Chapin Library](http://chapin.williams.edu/collect/field.html) at Williams College has an archive of Field family papers which includes material from Cyrus W. Field. Some images are on line, and the page also has links to other sources |
| [Gustavo Coll’s Signa Telegraph Collection](http://www.signa-uru.com/) - has some interesting cable instruments and samples |
| [Connecting the Continent](http://www.connectingthecontinent.com/) - Australian site which includes material on the Overland Telegraph |
| [Gill Cookson’s *History Today* article](http://atlantic-cable.com/Article/Cookson-History/index.htm) - a short overview of the laying of the first Atlantic Cables |
| [Copper in the Atlantic Cable](http://64.90.169.191/education/60centuries/electrical/theatlantic.html) - the copper industry’s website |
| [County Kerry Transatlantic Cable Stations](http://www.oldcablehouse.com/cablestations/) - Ireland, where it all began |
| [Donard de Cogan’s Papers](http://www.dandadec.co.uk/) - original research on aspects of cable and telegraph history |
| [Distant Writing - The Telegraph Companies in Britain between 1838 and 1868](http://distantwriting.co.uk/) - a comprehensive website by Steven Roberts on British Telegraphy from 1838 to 1868, which includes considerable detail on the submarine cable companies working in this period. |
| [Early Submarine Telegraphy Companies](http://www.alts.net/ns1625/telegraph02.html) - detailed information on the first cables via Nova Scotia and Newfoundland |
| [The Electromagnetic Telegraph](http://www.du.edu/~jcalvert/tel/morse/morse.htm) - J.B. Calvert’s website includes some useful information on submarine telegraphy and cable codes |
| [French cables interactive map](http://pierre.elissalde.online.fr/SiteJustmagic/GoogleMaps_SubmarineCables.html) created byPeio Elissalde using Google Maps |
| [French Cable Station Museum](http://www.frenchcablestationmuseum.org/) - in Orleans, Massachusetts. One of the few surviving 19th century cable stations, now a museum. The website has details of the museum and information for visitors. |
| [The Great Transatlantic Cable](http://www.pbs.org/wgbh/amex/cable/index.html) - a documentary on Cyrus Field and the Atlantic Cable, first broadcast 11 April 2005 on PBS TV stations (USA) as part of the *American Experience* series. [DVD available from Amazon](http://astore.amazon.com/submarinetelegra/detail/B0007X9U60/002-4659003-5807261).  |
| [Greg’s Cable Map](http://www.cablemap.info/) - an interactive map of present-day working cables |
| [The Greenwich Industrial History Society](http://gihs.gold.ac.uk/) - back issues of the Society’s newsletter have some material on the cable industry at Greenwich. |
| [Robert Halpin and Tinakilly House](http://www.tinakilly.ie/history) - information on the captain of the Great Eastern in her cable-laying days and his Irish home. |
| [A History of the Telegraph in Jersey](http://www.marett.org/telecom/telegraph.pdf) - Graeme Marett’s research, 48-page PDF (285KB) |
| [ICPC](http://www.iscpc.org/) - The International Cable Protection Committee.  Links to submarine cable companies and suppliers; historical material in the Information section of the site. See also this page on [ICPC souvenir items](http://atlantic-cable.com/CableCos/ICPC/index.htm).  |
| [IEEE Heart’s Content Cable Station History](http://ewh.ieee.org/reg/7/diglib/library/hearts-content/heart.htm) |
| [IEEE History Center](http://www.ieee.org/history_center/) - the (American) Institute of Electrical and Electronic Engineers website devoted to the preservation of electrical engineering history. |
| [IET (formerly IEE) Archives](http://www.theiet.org/about/libarc/) - the archive of the (British) Institution of Engineering & Technology (The IET), which holds much material on early telegraphy, including the scrapbook of cable pioneer Jacob Brett, the papers of Sir Francis Ronalds, WF Cooke, Oliver Heaviside, and WH Preece, and a collection of drawings by EW Cooke on the 1858 Atlantic telegraph expedition. The archive website has a [research guide to submarine telegraphy](http://www.theiet.org/about/libarc/archives/research/guides-sub-telegraph.cfm). Direct link to [IET archives search](http://www.theiet.org/about/libarc/).The [IET History of Technology Network page](https://communities.theiet.org/communities/home/214) sometimes has information on cable-related books, websites, conferences, and exhibits. |
| [Indicator Loops](http://indicatorloops.com/loops.htm) - specialized versions of undersea cables used to detect the approach of submarines |
| [Industrial research at the Eastern Telegraph Company, 1872–1929](http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8886157) - article by Richard Noakes on R&D at the company in the early 20th century (behind paywall) |
| [Kelvin letters and papers at the University of Glasgow](http://special.lib.gla.ac.uk/manuscripts/search/detaila.cfm?AID=4170) - an [extensive collection](http://special.lib.gla.ac.uk/collection/kelvin.html) including cable material. See the [list of Kelvin manuscripts](http://special.lib.gla.ac.uk/manuscripts/search/resultsn.cfm?NID=412&RID=), and Matthew Trainer’s [comprehensive site on William Thomson, Lord Kelvin](https://web.archive.org/web/20090416184842/http%3A/www.physics.gla.ac.uk/Physics3/Kelvin_online/index.html) [archived copy]. See also [The Kelvin Society](https://web.archive.org/web/20090803111517/http%3A/www.physics.gla.ac.uk/Physics3/Kelvin_online/Kelvin_society/society.htm) website [archived copy]. |
| [Clarence H. Mackay and the Commercial Cable Company](http://www.mackayhistory.com/index.html) - Bill McLaughlin’s comprehensive page on Mackay includes [this section on cable history](http://www.mackayhistory.com/Cable-Tel-Radio_Contents.html). |
| [Samuel Morse Historic Site at Locust Grove, Poughkeepsie](http://www.morsehistoricsite.org/) - the house and grounds owned by Morse from 1851 to 1872, now a National Historic Landmark. The Morse Exhibit in the Visitor Center displays a number of Morse’s paintings, together with some telegraph and cable artifacts. Guided house tours are available, and there is free admission to the 150 acres of grounds running down to the Hudson River. |
| [Morsemad](http://www.morsemad.com/) - John Snell’s site on Morse telegraphy |
| [Mother Earth Mother Board](http://www.wired.com/wired/archive/4.12/ffglass.html) - Neal Stephenson’s 1996 Wired Magazine article in which he follows the installation of a modern fiber optic cable over three continents and incidentally presents the history of communications cables. Note that not all researchers agree with his comments on Wildman Whitehouse. |
| [Mumford Books](http://www.mumfordbooks.co.uk/) in the UK has an excellent selection of technical and industrial books, plus prints and photographs, and can often locate material on submarine cables and telegraphy.  |
| [N7CFO Homepage](http://www.n7cfo.com/) - Lynn Burlingame’s site; a great resource for telegraph collectors and historians |
| [New Wireless Pioneers](http://www.marconi-wireless.com/) - Jim Kreuzer has supplied images of a number of rare items for the Atlantic Cable site.  Now his own site is open, listing many books in the field of radio and telegraph history, and including regular catalog updates. |
| [The Old Cable House](http://www.oldcablehouse.com/) - a Bed & Breakfast in Waterville, Ireland, housed in an original Commercial Cable Company building. The site has an interesting cable history section.  |
| [The Pickering Family History](http://www.fastq.com/~cstover/trans.html) - a personal connection to the first cable |
| [Porthcurno Telegraph Museum](http://www.porthcurno.org.uk/) in Porthcurno, Cornwall, England.  A major research resource, with an [on-line catalog](http://www.nationalarchives.gov.uk/A2A/records.aspx?cat=2064-cwa_4&cid=-1&Gsm=2008-06-18#-1) of the extensive archive of cable material from Cable & Wireless, many photographs, and information on visiting the museum. [This site](http://www.lookaroundcornwall.com/museums/porthcurno-telegraph-museum.htm) has panoramic views of the museum. |
| [Repeat Please - The Laying of the First Telegraph Cable across the Atlantic](http://www.heise.de/tp/r4/artikel/28/28428/1.html) - German language article by Christian Holtorf |
| [CS *Restorer*](http://atlantic-cable.com/Cableships/Restorer/index.htm) - Dirk van Oudenol’s comprehensive website on the operations of this cable ship from 1902-1951  |
| The Science Museum (London) has a number of cable-related images in the [Picture Library](http://www.scienceandsociety.co.uk/collections.asp). The museum's new and extensive [Information Age](http://www.sciencemuseum.org.uk/online_science/explore_our_collections/information_age) gallery, which opened in late 2014, has "[Cable](http://www.sciencemuseum.org.uk/online_science/explore_our_collections/information_age/cable)" as one of its six theme areas, and [many objects from the exhibit](http://www.sciencemuseum.org.uk/online_science/explore_our_collections/objects?ptheme=sc-f120ea277e1749b898b0138b2ef194ed) are are shown in detail on the museum's website. See also [this article by curator Tilly Blythe](http://journal.sciencemuseum.org.uk/browse/issue-03/information-age/) on the concepts behind the design of the gallery. |
| Scientific Use of Fiber-Optic Submarine Telecommunications Cable Systems - a paper presented in 2003 with details of Atlantic cables TAT-8 through TAT-11 and Pacific cables HAW-4, TPC-3, and GPT (8MB PDF) |
| [Shipping Wonders of the World](http://www.shippingwondersoftheworld.com/about.html) - John Clarke’s site on this 1930s publication has a number of pages on cable ships |
| Smithsonian Online Exhibition: [Underwater Web: Cabling the Seas](http://www.sil.si.edu/Exhibitions/Underwater-web/) |
| [SubmarineCableSystems.com](http://www.submarinecablesystems.com/) - a directory site for the telecommunications, submarine cable system, and offshore service industries. Provides a good overview of the services available to the modern cable industry. |
| [Submarine Cable Telegraphy Demo](http://www.zianet.com/sparks/sub.html) - From the [Sparks Telegraph Key Review](http://www.zianet.com/sparks/) site, a graphical demo of how polarity reversal was used to improve the speed of submarine cables |
| [Submarine Telecoms Forum](http://www.subtelforum.com/) - publishes a bi-monthly on-line magazine (PDF) about the cable industry. The website has frequent news updates on current cables and events. |
| [Subsea 123](https://subsea123-public.sharepoint.com/blog) - Adrian Hilton’s site includes detailed information on cables he has worked on |
| [Telecom Diges](http://www.telecom-digest.org/)t - a comprehensive site on all aspects of telecom history, with a searchable archive. |
| [Telecommunications and the Natural History of São Tomé and Príncipe](http://www.ggcg.st/telecomm.htm) - some interesting notes on the interaction of Gulf of Guinea cable staff and natural history scientists in the 1800s. |
| [The Telecommunications Heritage Group](http://www.thg.org.uk/) - a British organization dedicated to the history of all forms of telecommunication. |
| [Telecommunications Technology and History](http://members.fortunecity.com/donkimberlin/) - Don Kimberlin’s site has some interesting articles and links to other early communications sites |
| [TeleGeography’s cable map](http://submarinecablemap.com/)- a regularly updated interactive map of present-day working cables. The site also has [other submarine cable maps](http://www.telegeography.com/telecom-resources/map-gallery/index.html) |
| [Telegraph Equipment](http://www.prc68.com/I/Telegraph.shtml) - Brooke Clarke’s page; a good reference for the history of landline telegraphy instruments and patents |
| [The Telegraph Field](https://web.archive.org/web/20140714120250/http%3A/thetelegraphfield.com/) - a small site on the telegraph history of Valentia Island [archive site, original defunct]. |
| [Telegraph-History](http://www.telegraph-history.org/) - John Casale’s site focuses on US telegraph history and includes much early documentation |
| [TelegraphKeys.com](http://www.telegraphkeys.com/) - Doug Palmer's site has a section showing cable instruments |
| [Telegraph Lore](http://www.telegraphlore.com/) - Greg Raven’s site covers all aspects of telegraphy and includes a photo gallery of [Fons Vanden Berghen’s extensive collection](http://www.telegraphsofeurope.net/) of rare instrumentsFons’ own [Telegraphy - Vanden Berghen](http://www.telegraphy.eu/) site has more photographs and articles.  |
| [The Telegraph Office](http://www.telegraph-office.com/) - Neal McEwen’s site has an excellent [submarine telegraphy section](http://www.telegraph-office.com/tel_off-page.html#submarine). |
| [UK Cable Locations](http://www.kisca.org.uk/) - Kingfisher Information Service interactive map and downloadable charts showing cable routes and landing sites around the British Isles |
| [UK Submarine Cable Landings & Cable Stations](http://www.stevenheaton.co.uk/SubmarineCableLandingsUK/) - a site with information on a variety of 20th century cable installations |
| [Valentia Heritage Centre](http://vhc.ftldesign.com/) - a local history museum on the Irish island where the Atlantic Cable project began, with much information on cable history.  |
| [Valentia World Heritage Site project](https://www.siliconrepublic.com/comms/2015/12/09/valentia-world-heritage-site-unesco-trans-atlantic-cable) - December 2015 article at the Silicon Republic website on this important effort. |
| [W1TP Telegraph & Scientific Instrument Museums](http://w1tp.com/itelegr2.htm) - Tom Perera’s comprehensive and excellent website on all aspects of telegraph history, including [the account of his diving expedition to recover early submarine cables](http://w1tp.com/mcable.htm)  |
| [Webster & Horsfall](http://atlantic-cable.com/CableCos/Webster-Horsfall/history.htm) - supplied the steel armouring wire for the 1865 and 1866 Atlantic cables. Link to archive copy of the page. |
| [Weston-super-Mare and the Commercial Cable Company](http://www.cial.org.uk/index.htm) - John Crellin’s site on cable history in this English town now presents the [cable station archive](http://www.cial.org.uk/wsm/index.htm) of the North Somerset Museum (Feb 2003) |
| [A Wire Around the World](http://www.abc.net.au/radionational/programs/scienceshow/the-telegraph---a-wire-around-the-world/3314488) - BBC radio documentary on the history of submarine cables. Listen to the full programme, or [read the transcript](http://www.abc.net.au/radionational/programs/scienceshow/the-telegraph---a-wire-around-the-world/3314488). |
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| Site Changes 2016 |

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| 13 October | Added article by Stewart Ash to the Wildman Whitehouse section: [Electrical Failure of the 1858 Atlantic Telegraph](http://atlantic-cable.com/Books/Whitehouse/SA/index.htm) |
| 7 October | Added page on [1876 Society of Telegraph Engineers Conversazione](http://atlantic-cable.com/Article/1876Conversazione/index.htm) |
| 14 September | Added images of [original cable slip and telegram form](http://atlantic-cable.com/Article/1858Messages/index.htm#Aug20) for a message from Heart's Content to Newfoundland on 20 August 1858. |
| 23 August | Added watercolour painting by Roberto Hernández showing [CS *Mirror (1)*](http://atlantic-cable.com/Cableships/Mirror%281%29/index.htm), [CS *Chiltern*](http://atlantic-cable.com/Cableships/Chiltern/index.htm) and [CS *Great Northern*](http://atlantic-cable.com/Cableships/GreatNorthern/index.htm) to the page for each ship |
| 15 August | Added page on the [1893 Repair of the 1870 Cienfuegos - Batabano, Cuba, cable](http://atlantic-cable.com/Cables/1870-1893Repair/index.htm) |
| 23 June | Added page on the [1893 Anglo-Irish telephone cable](http://atlantic-cable.com/Cables/1893Anglo-Irish/index.htm) |
| 21 June | Added [watercolour painting of CS *Mirror (1)*](http://atlantic-cable.com/Cableships/Mirror%281%29/index.htm) by Roberto Hernández to the ship's page |
| 12 June | Added 1866 article by Fleeming Jenkin: [*Submarine Telegraphy*](http://atlantic-cable.com/Article/1866-Jenkin/index.htm) - technical details of the design, manufacture, laying, and testing of the Atlantic cables of 1858, 1865, and 1866 |
| 3 June | Added 1880 article by F.C. Webb: [*On the Direction of Lay of Cable Armouring Wires*](http://atlantic-cable.com/Article/1880-Webb/index.htm) |
| 22 May | Added page on [Robert Dudley](http://atlantic-cable.com/CablePioneers/Dudley/index.htm), official artist for the 1865 and 1866 Atlantic cable expeditions |
| 21 May | Added paper by Alasdair Wilkie: “[Route Clearance for Hibernia Express](http://atlantic-cable.com/Article/2015Hibernia/index.htm)” - preparatory work for a new Atlantic cable laid in 2015 |
| 3 May | Added link to page on [William Elmgreen](http://www.talesofoldchina.com/library/elmswood.php), who between 1927 and 1940 was an engineer on the Great Northern's cable ships in Shanghai, CS Pacific and CS Store Nordiske |
| 23 March | Added 1957 article on TAT-1: “[Manufacture of Submarine Cable at Ocean Works, Erith](http://atlantic-cable.com/Cables/1956TAT-1/manufacture.htm)” |
| 19 February | Added pages by Bill Glover on [CS *Urmston Grange*](http://atlantic-cable.com/Cableships/UrmstonGrange/index.htm), [CS *Vanessa*](http://atlantic-cable.com/Cableships/Vanessa/index.htm), [CS *Viking (1)*](http://atlantic-cable.com/Cableships/Viking%281%29/index.htm), [CS *William Cory*](http://atlantic-cable.com/Cableships/WilliamCory/index.htm), [CS *William Hutt*](http://atlantic-cable.com/Cableships/WilliamHutt/index.htm) |
| 6 February | Added new cable story: [Letters to John Clement Cuff](http://atlantic-cable.com/CableStories/Cuff/index.htm): Electrical Engineer, Eastern Extension, Australasia and China Telegraph Company, Singapore (1885-1890) |
| 5 February | Added page on the [Eastern Extension Telegraph Company's Singapore Office, 1895](http://atlantic-cable.com/CableCos/EasternExtension/index.htm) |
| 31 January | Added new cable story: [David Howard - The Gentleman's Game](http://atlantic-cable.com/CableStories/Howard-Cricket/index.htm) (1965) |
| 23 January | Added new cable story: [David Howard - The Rescue of SS *Lakemba*](http://atlantic-cable.com/CableStories/Howard-Lakemba/index.htm) (1967) |
| 3 January | Added page on [TAT-6](http://atlantic-cable.com/Cables/1976TAT-6/index.htm), 1976 Atlantic cable from USA to France |
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| **Archive**. Site changes from: |
|   | [2015](http://atlantic-cable.com/2015.htm) | [2014](http://atlantic-cable.com/2014.htm) | [2013](http://atlantic-cable.com/2013.htm) | [2012](http://atlantic-cable.com/2012.htm) | [2011](http://atlantic-cable.com/2011.htm) | [2010](http://atlantic-cable.com/2010.htm) | [2009](http://atlantic-cable.com/2009.htm) | [2008](http://atlantic-cable.com/2008.htm) | [2007](http://atlantic-cable.com/2007.htm) | [2006](http://atlantic-cable.com/2006.htm) | [2005](http://atlantic-cable.com/2005.htm) | [2004](http://atlantic-cable.com/2004.htm) | [2003](http://atlantic-cable.com/2003.htm) | [2002](http://atlantic-cable.com/2002.htm) |

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email me at: billb@ftldesign.com

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| AcknowledgementsAs the site progresses into its eighteenth year, I continue to extend special thanks to [Bill Glover](http://atlantic-cable.com/stamps/index.htm#bg), who has been contributing time and material to the project for much of that time, and to Stewart Ash, a cable consultant who is involved in both modern technology and historical research, giving him a unique perspective.Thanks also to [Jim Jones](http://atlantic-cable.com/CableStories/Telcon-Jones/jones.htm), a cable industry veteran of many years, who has not only provided much of his own material, but has also tracked down former colleagues and other cable workers for contributions to the site.And to the late Steven Roberts, an invaluable source of research help, who contributed a number of important articles to the site. Steve’s [Distant Writing - The Telegraph Companies in Britain between 1838 and 1868](http://distantwriting.co.uk/) was first published on-line with the encouragement of this website. And finally, thanks to all contributors and correspondents for their help in making the site a major resource for communications history research.Contributors are credited on their individual pages; all uncredited material is by site owner and webmaster Bill Burns.  |

The background image on this page is taken from the [front cover](http://atlantic-cable.com/Books/Russell-1.jpg) of
W.H. Russell’s [**The Atlantic Telegraph**,](http://atlantic-cable.com/Books/Russell/index.html) and shows a section of the 1865 cable.



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| http://atlantic-cable.com/Images/ring.gif[The Telegraph Cable Web-ring](http://www.floralimages.co.uk/webring?ring=4) |
| [Previous site](http://www.floralimages.co.uk/webring?op=prev&site=9&ring=4) : [Random](http://www.floralimages.co.uk/webring?op=random&ring=4) : [Next site](http://www.floralimages.co.uk/webring?op=next&site=9&ring=4) : [List sites](http://www.floralimages.co.uk/webring?ring=4)  |
| Powered by [PHP-Ring](http://scripts.plebius.org/) |

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| Alexa Certified Traffic Ranking for atlantic-cable.com |