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Communications

MILITARY COMMUNICATIONS

A Working Bibliography of MHI Sources

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GENERAL SOURCES

- Cameron, Alexander W. "A Communicator's Guide to the Gettysburg Campaign." AWC student paper, Feb 1989. 99 p. Arch.
Self-guided tour with Signal Corps perspective
- "Getting the Message: Military Communications, 19th Century." Military Illustrated (Sep 1994): pp. 12-16. Per.
British Army.
- Jessup, John E., editor. Encyclopedia of the American Military. 3 vols. NY: Scribner's, 1994. pp. 1471-94. UA23.E56.
- King, Anthony. "The Word of Command: Communications and Cohesion in the Military." Armed Forces & Society (Jul 2006): pp. 493-512. Per.
- Mogg, Sir John. "Communication as a Military Art: A Kermit Roosevelt Lecture." Military Review (Nov 1969): pp. 80-88. Per.
- Scheips, Paul J., editor. Military Signal Communications. 2 vols. NY: Arno, 1980. UJ15.M5.
Anthology of readings on US, British et al.

U.S. Joint Chiefs of Staff. "The Establishment of a National Communications System." Memo for Sec Def, 26 Nov 1962. 4 p. UG593.E87.

Winkler, Jonathan R. Nexus: Strategic Communications and American Security in World War I. Cambridge, MA: Harvard, 2008. 347 p. D639.T35.W56.

See also:

-Bibliography on Command; Deception; Intelligence; Signal Corps; Pigeons in Animals; other bibliographies in Communications File.

-Signal Corps Collection and other pertinent collections in Archives, Benjamin F. Fisher, Richard B. Moran, Albert J. Myer & Thomas M. Rienzi.

WIGWAG SIGNALS

During the late 19th century, the U.S. Army Signal Corps used the **wigwag** system, which transmitted a two-element code via one pole flag. The very different **semaphore** system involved using two hand flags and did not become part of Army signaling until early in the 20th century. See:

Carr, D.J. Manual of Visual Signaling of the U.S. Signal Corps. Wash, DC: GPO, 1905. pp. 35-36. UJ200.M36.

Giddings, Howard A. Instructions in Military Signaling..... NY: Appleton, 1899. pp. 10-11 & 16-17. UJ153.G5.

Guild, George R. Flag Signalists' Handbook. Menasha, WS: Banta, 1917. pp. 14-17 & Plate I. UJ200.3.G84.

Myer, Albert J. A Manual of Signals for the Use of Signal Officers in the Field..... Wash, D.C.: GPO, 1877. pp. 67-68, Plates VI, X & XIX, pp. 189-191 and 201-02. UJ153.M93.
And later eds.

U.S. Army. Signal Corps. Signal Book, United States Army, 1916. Wash, DC: GPO, 1916. pp. 21-22 & following chart, pp. 52-54. UJ153.A5.

_____. Visual Signaling Training Pamphlet No. 4, Jun 1918. pp. 46-47. UJ200.V57.

White, J. Andrew. Military Signal Corps Manual. NY: Wireless, 1918. pp. 463 & 470-72.
UJ153.M54.

See also George P. Scriven's The Transmission of Military Information (Governors Island, NY, 1908; UB250.S37), which shows in the upper left of p. 9 a small and historically accurate drawing of a wigwag signalman in 1884.

TELEPRINTER/TELETYPE OPERATIONS

Browning, H.P. "The Application of Teletypewriters to Military Signaling." Signal Corps Bulletin (May/Jun 1934): pp. 28-41. Per.

Miller, Fred G. "A Study of the Telegraph Printer and Telegraph Printer Switching." Signal Corps Bulletin (Jul/Sep 1938): pp. 15-17. Per.

Terrett, Dulany. The Signal Corps: The Emergency. In USAWWII series. Wash, DC: OCMH, 1956.
D769.A533v6pt5v1.
See index.

"Timely Topics: Teletype Printers." Signal Corps Bulletin (Sep/Oct 1930): pp. 53-54. Per.

U.S. War Dept. Mission, Functions and Signal Communications in General: Field Manual 11-5, dated Apr 1940. pp. 111 & 113-21. MilPub-FM.
And 1931 ed, pp. 99-101 & 115.

_____. Office, Chief Signal Officer. Signal Corps Information Letter (Oct 1936): pp. 19-20. Per.

_____. Telegraph, Cable, and Radio Service: Army Regulations 105-25, dated Sep 1934. 7 p.
MilPub-AR.
And 1923 & 1938 editions.

WAR DEPT MESSAGE CENTER OPERATIONS, MID-1930s

Terrett, Dulany. The Signal Corps: The Emergency. In USAWWII series. Wash, DC: OCMH, 1956.
D769.A533v6pt5v1.
See especially pp. 50-55 and index.

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U.S. Army Signal School. Historical Sketch of the Signal Corps (1860-1934). Pamphlet No. 32, Fort Monmouth, NJ, 1934. p. 111 & map. UJ23.A55.

U.S. War Dept. Office, Chief Signal Officer. Signal Corps Information Letter (Jan 1935): p. 17; (Oct 1936): p. 28; (Jan 1937): p. 22; and (Oct 1937): p. 19. Per.

_____. Signal Corps Bulletin (Sep/Oct 1929): pp. 48-50; (Jul/Aug 1930): pp. 64-66; (May/Jun 1935): pp. 10-14. Per.

US ARMY/ARMED FORCES COURIER SERVICE

See the following documents in MilPubs:

Special Regulations 380-110-5, dated 19 Dec 1949, p.1.

Army Regulations 380-110, dated 10 Apr 1950, p.1.

AR 65-85, dated 31 Jan 1951, p.1

AR 66-5, dated 28 Sep 1955, p.1

AR 66-10, dated 29 Sep 1955, p.1.

AR 66-7, dated 26 Feb 1960, p.1

AR 66-6, dated 24 Jan 66, 4 p.

Joint Chief of Staff Pub 1, dated 1 Jan 66, p.52.

EARLY TELEVISION & MILITARY

"Airborne Television." US Naval Institute Proceedings (Jun 1946): pp. 858-61. Per.

Bedoura, Henery. "La Television." Revue'd Infanterie (Feb 1930): pp. 222- . Per.

Iles, Frederick A. "Picture-Telegraphy and Electrical Vision." Royal Engineer Journal (Sep 1926): pp. 385-.Per.

Mead, Edwin C. "Television in War." Coast Artillery Journal (Nov/Dec 1937): pp. 480-82. Per.

Slee, J.A. "Potentialities of Television for Warlike Purposes." Journal of the Royal United Service Institute (RUSI) (Aug 1935): pp. 522-28. Per.

"Television in War." Army Navy Journal (30 Mar 1946): pp. 917 & 933. Per.
Same in Army Navy Register (23 Mar 46), p.15.

Van Deusen, G.L. "Television and Its Possible Military Applications." Signal Corps Bulletin (Jul/Sep 1939): pp. 17-20. Per.

See also:

-Signal Corps Green Books

OTHER 20TH CENTURY-Thru WWII

Allied Forces. Supreme HQ Allied Expeditionary Force. Air Staff. "Air Signal Report on Operation Overlord from the Assault to the Cessation of Hostilities." Mimeo, June 1945. ca 200 p., foldout maps. D756.5.N6.A37.
Covers 1944-45.

Bullock, Mike, & Lyons, Laurence A.. Missed Signals on the Western Front: How the Slow Adoption of Wireless Restricted British Strategy and Operations in World War I. Jefferson ,NC: McFarland, 2010. 228 p. D639.T4.B85.

Ferris, John. "The British Army: Signals and Security in the Desert Campaign, 1940-42." In Intelligence and Military Operations. [Edited by Michael I. Handel] London: Cass, 1990. pp. 255-91, UB259.U56.

Hall, Brian N. "The British army and Wireless Communication, 1896-1918." War in History Vol. 19, No. 3 (2012): pp. 290-321. Per.

"Liaison in the German Army." Field Artillery Journal (Jul/Sep 1918): pp. 410-16. Per.
Includes use of visual signals, radio, telegraph, mortar shell messages& messenger dogs.

Rottman, Gordon L. World War II Battlefield Communications. NY: Osprey, 2010. 64 p. D810.C7.R68.

Signal Corps Bulletin, 1925-1940. Per.
Bi-monthly official publication.

Steel, Arthur. "Wireless Telegraphy in the Canadian Corps in France." Canadian Defence Quarterly. Per.
Pt. 1 (Jul 1929): pp. 443-61.
Pt. 2 (Oct 1929): pp. 45-52.
Pt. 3 (Apr 1930): pp. 365-75.
Pt. 4 (Jul 1930): pp. 458-67.
Pt. 8 (Oct 1930): pp. 84-93.
Pt. 9 (Apr 1931): pp. 387-98.
Pt. 10 (Jul 1931): pp. 536-46.
Pt. 11 (Oct 1931): pp. 105-16.

U.S. Army Air Forces. Evaluation Board, Mediterranean Theater. The Adequacy of the Tactical Air Communications System. Vol. III of major report, 20 Sep 1944. ca 50 p., foldouts.

U.S. Army Signal Corps, SWPA. "Seaborne CPs: An Official History of the Southwest Pacific Area Signal Corps' Command Post Fleet." Monograph, Jan 1945. 30 p. D769.36.U545.

U.S. War Dept. Office, Chief Signal Officer. Signal Corps Information Letter. Quarterly, 1934-1941 (Nos. 1-25), then monthly from Dec 1941 (No 1) to Dec 1944 (No 37) as Signal Corps Technical Info Letter. Per.

OTHER 20TH CENTURY-Since WWII

American Telephone and Telegraph Company. Long Lines Dept. Customer Service Engineer/
Government Switched Networks. CONUS AUTOVON Network Plan, 1966-1970.
Wash, DC: ATT Co, Long Lines Dept, Govt Switched Services, 1966. 77 p. UG610.3.C66.

Applewhite, Larry W., & Segal, David R. "Telephone Use By Peacekeeping Troops in the Sinai."
Armed Forces & Society (Fall 1990): pp. 117-26. Per.

Bell, T. Anthony. "E-Mail: Anywhere in the World in 30 Seconds." Army Communicator
(Fall/Winter 1991): pp. 30-30. Per.

Bergen, John D. Military Communications: A Test for Technology. Wash, DC: CMH, 1986. 515 p.
DS557.7.C6.B47.
Vietnam War.

Clarke, Eric T., et al. A Study of Combat Communications, Korea, January-July, 1952. Pt 1. Study,
Operations Research Office, Dec 1952. 297 p. DS918.S78.

Devereux, Tony. Messenger Gods of Battle: Radio, Radar, Sonar: The Story of Electronics in War.
NY: Brassey's, 1991. 322 p. UG485.D48.

Ferrell, Robert S. "Opn Uphold Democracy: Contingency Communications and Forced Entry
Operations for Haiti." Army Communicator (Winter 1995): pp. 7-14. Per.

Foster, Hugh F. Papers. 3 Boxes. Arch.
Includes material re his service, 1941-71, in electronics & communications.

Goda, Bryan S., & Prudhomme, Robert M. "Communications on a Mobile Battlefield in the 100 Hours
War." Army Communicator (Spring 1991): pp. 42-47. Per.
143rd Signal Battalion supports 3d Arm Division's thrust into Iraq.

Liebchen, Margaret P. "Pigeoneers." Soldiers (Apr 1990): pp. 46-47. Per.
Brief account of US Army's "lowtech" alternative communication system.

Payne, Kenneth. "Waging Communication War." Parameters (Summer 2008): pp. 37-51. Per.

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Salerno, Dennis P., & Washer, Thomas F. "Air Assault Communications: Desert Storm." Army Communicator (Fall/Winter 1991): pp. 52- 60. Per.

How 101st Airborne Division's 501st Signal Battalion evolved on offensive communication system.

U.S. Army Concept Team in Vietnam. Heliborne Command Post. Report, Mar 1965. ca 50 p. DS559.8.C6.E44.

U.S. Army, Europe. Deputy C/S, Commo Electronics. USAREUR Communications Interoperability. Draft pamphlet, 1977. UA943.A4.

U.S. Army. Office, Chief Signal Officer. "Report on Air-Ground Operations in Korea." Letter to AC/S, GS-3, 29 Aug 1952. 3 p. DS920.5.S5.C52.

Weissert, Robert F. "Hero of Desert Storm Information Systems." Army Communicator (Spring 1991): pp. 40-41. Per.

Profiles Army's Information Systems Command (INSCOM) role and achievements. See related articles on pp. 14-18.

See also:

-Bibliography on Outer Space.