BIBLIOGRAPHY ON WW2 SIGNALS INTELLIGENCE

© Peter Donovan, Mathematics Department, UNSW, Sydney 2052, Australia, 2005–2014.

- Although completeness of a list of this nature can scarcely be guaranteed, it should assist the serious student of the matter.
- Anyone trying to set up a bibliography on WW2 (Pacific) is welcome to use this listing.
- This list is a component of a data base which shows where (books, papers, archives, miscellaneous) one goes to find out what. For example James Hogarth’s booklet deals to some extent with the redeployment of some BP staff to Pacific intelligence after the end of hostilities in Europe (May 1945).
- With minimal apology my three papers in Cryptologia will be given special prominence here. The real point (from the intelligence viewpoint) of the Battle for Australia in the first half of 1942 is that Japanese naval messages were read way ahead of Japanese Army messages. The reading of JN-25B was crucial. The key factor here was that the use of only multiples of three as code groups (= code words) was extremely insecure.

001 Henry Adams, 1942: The Year that Doomed the Axis, David Mackay, NY, 1967.


004 David Alvarez, Codebreaking and American Diplomacy, 1930–1945, Modern War Studies.


007 Anon IJN Officers, Operational History of Japanese Naval Communications, Dec 1941 to Aug 1945, Aegean Park Press.


013 Desmond Ball and David Horner, Breaking the Codes, Allen and Unwin, St Leonards, 1998.
014 Desmond Ball, Cliff Lord, Meredith Thatcher, Invaluable Service: The Secret History of New Zealand's Signals Intelligence in two World Wars, 2012.

015 Desmond Ball and Keiko Tamura, Breaking Japanese Diplomatic Codes — Desmond Ball and D Special Section during the Second World War, ANU E Press 2013.


019 Mary Barbier, D-Day Deception, Stackpole 2007.


033 Steven Bellovin, Frank Miller, Inventor of the OTP, Cryptologia 35 (3) July 2011 203–222.

034 J W Bennett, W A Hobart and J B Spitzer, Intelligence and Cryptanalytic Activities of the Japanese during World War II, Aegean Park Press.

035 Ralph Bennett, Intelligence Investigations: How Ultra Changed History (Collected Papers), Routledge, London.


038 A Best, Intelligence and the Japanese Threat to British Interests 1914-1941, Int Nat Sec 17 (Mar 2002) 85seqq.

039 Forrest R Biard, Breaking of Japanese Naval Codes: Pre-Pearl Harbor to Midway, Cryptologia 30(2) (April 2006) 151–158.


051 Jean Bou, MacArthur’s Secret Bureau, 2012.


067 William Breuer, *Deceptions of WW2*, Not seen.


| 088 | Frank Carter, *Codebreaking with the Colossus Computer*, Bletchley Park Trust Reports No 1, 1996. |


114 Mario de Arcangelis, *Electronic Warfare*,

115 Cipher Deavours and Louis Kruh, *Machine Cryptography and Modern Cryptanalysis*,

116 Jim DeBrosse and Colin Burke, *The Secret in Building 26*,

117 Peter Dennis and Jeffrey Grey, *1943–1944: The Foundations of Victory*,
Army History Unit, Canberra, 2004.

Report dated 2 December 1944.

119 Robin Denniston, *Churchill’s Secret War: Diplomatic Decrypts, the Foreign Office and Turkey 1942-1944*,

120 Robin Denniston, *Thirty Secret Years: A G Denniston’s Work in Signals Intelligence 1914–1944*,
2007.

121 David Dexter, *The New Guinea Offensives*,
AWM 1961.

122 Roger Dingman, *Deciphering the Rising Sun*,

123 Defence Signals Directorate Web Site, *DSD*,

124 Luigi Donini, *The Cryptographic Services of the Royal (British) and Italian Navies*,

125 Peter Donovan, *The Flaw in the JN-25 Series of Ciphers*,
Cryptologia 2004.

126 Peter Donovan, *The Indicators of Japanese Ciphers 2468, 7890 and JN-25A1*,
Cryptologia, 2006.

Parabola (UNSW) 40(2) 1–9 (2004).

128 Peter Donovan, *Alan Turing, Marshall Hall and the alignment of WW2 Japanese naval intercepts*,

129 Peter Donovan and John Mack, *Sydney University, T G Room and Codebreaking in WWII*,


University of Kansas Press, 1992.

133 Edward J Drea, *Japan’s Imperial Army: Its Rise and Fall 1853–1945*,
?2009?.

134 Edward J Drea and Joseph E Richard, *New Evidence on breaking the Japanese army codes*,

136 Peter Dunn, *home.st.net.au/sim/dunn/sigint,* Dunn’s private Website of World War II.


158 John Ferris (ed), The British Army and Signals Intelligence during the First World War, Alan Sutton Publishing for Army Records Society.

159 John Ferris, Intelligence and Strategy, Routledge (Taylor and Francis), Abingdon, 2005.


165 Douglas Ford, Britain’s Secret War Against Japan, Routledge 2006.


168 Hugh Foss, Report HF 37, Extract made by Ralph Erskine included in full below.


174 Mitsuo Fuchida, Midway: The Battle that Doomed Japan, Hutchinson, 1957.


177 Ross Galbreath, New Zealand Scientists in Action: The Radio Development Laboratory and the Pacific War, in ‘Science and the Pacific War’ edited Roy MacLeod, Boston 2000.

178 John Gallehawk, Third Person Singular (Warsaw, 1939), Cryptologia 30 (3) July-Sept 2006.

179 John Gallehawk, How the Enigma Secret was nearly revealed, Bletchley Park Trust Reports No 11, 1998.


183 James Gannon, Stealing Secrets, Telling Lies, Brassey's 2002.


193 Lee Gladwin, Did Sigint Seal the Fates of 19,000 PoWs, in Cryptologia 30 (3) 2006 212-235.


200 Joel Greenberg, Gordon Welchman: Bletchley Park’s Architect of Ultra Intelligence, UK April 2014.

201 Christopher Grey, Decoding Organisation at Bletchley Park, CUP 2012.


204 Philip D Grove, Battles in Focus: Midway, Brassey’s 2004.


208 Tim Hamlett and See King-Tai, War, Myth and History: the Case of the Automedon, Australian Studies in Journalism. (Univ of Qld.) 9. 126-139.

209 Michael Handel (ed), Strategic and Operational Deception in the Second World War, Routledge.


223 **Jean Hillier**, *No Medals in this Unit*, privately published 1996.

224 **Peter Hilton**, *Interview for TV show ‘Secrets of War’*, in ‘Cryptologia’ 30 (3) 2006 236-250.


226 **F H Hinsley and others**, *History of British Intelligence in the Second World War*, HMSO.

227 **F H Hinsley**, *The Influence of Ultra in the Second World War*, talk 19 October 1993 at Computer Laboratory, Cambridge University.


230 **Andrew Hodges**, *Alan Turing: The Enigma*, 1983.


247 Hugh Cleland Hoy, *40, O B, or How the War was Won*, Hutchinson, London, 1932.


263 David Jenkins and Peter Hastings, The Secret War of, and between, the Codebreakers, Sequence of articles on WWII 50 years on, part 4 in ‘SMH’ 30 August 1989.


271 George Kenney, General Kenney Reports, Duell, Sloan Pearce 1949.

272 Auguste Kerckhoffs, La Cryptographie Militaire, two papers, 1883.


274 Ken Kotani, Japanese Intelligence in WW2 (General Military), Osprey 2009.


283 Richard Lane, *Churchill*, about 2002 [check this one!!].


308 Michael McKernan, Here is their Spirit: A History of the Australian War Memorial 1917–1980, ???.


David Mowry, *Cryptologic Aspects of German Intelligence Activities in South America during WW2*, NSA 2011.


Eric Nave, *An Australian’s Unique Naval Career*, Unpublished manuscript 1183, at Australian War Memorial.


Sharon O’Neill, *We Missed Out on our Teen Years*, 2006.


365 Doug Pyle (with Nell Pyle), *The Ultra Experience: Service with the Central Bureau Intelligence Corps*, 2006.


380 **Nicholas Sarantakes**, *Allies against the Rising Sun*, U Kansas Press 2009.


387 Donald M Showers, *The WW2 Recollections of Donald M Showers*,
DVD from Shoestring Educational Products.

388 Abram Shulsky and Gary Schmidt, *Silent Warfare: Understanding the World of Intelligence*,

389 Edward Simpson, *Bayes at Bletchley Park*,
Significance 7(2) June 2010 76–80.

in Erskine-Smith ‘BP Codebreakers’ = ‘Action This Day’ ed 2 2011.

391 Simon Singh, *Code Book*,

392 SIS Record Association, *Special Intelligence Service in the Far East 1942–1946: An Historical and Pictorial Record*,
SIS Record Association, New York, 1946.

393 David Sissons, *The Diplomatic Special Intelligence Section: Its Origins and History*,
ANU 2008?.

394 Hugh Skillen, *Enigma and its Achilles Heel*,


396 Hugh Skillen, *Knowledge Strengthens the Arm*,
Skillen no date.

397 Hugh Skillen (ed), *The Enigma Symposium 1995*,
Skillen 1995.

398 William Slim, *Defeat into Victory*,
Cassel 1956.

399 Bradley Smith, *The Ultra-Magic Deals and the Most Secret Special Relationship 1940–1946*,

400 Michael Smith, *Station X*,

401 Michael Smith, *The Emperor’s Codes*,

402 Michael Smith, *Bletchley Park and the Holocaust*,
in ‘Int Nat Sec’ 19(2) 2004 262–274.

403 Richard Snow, *A Measureless Peril: America in the Fight for the Atlantic*,
Scribner 2008.

404 Samuel Snyder, *Famous First Facts, NSA: Part I: Pre-Computer Machine Cryptanalysis*,
on NSA website.

Praeger 2005 or, in earlier thesis form, on ProQuest.

406 David Stafford, *Churchill and Secret Service*,

407 David Stevens, *The Royal Australian Navy in WW2*,
Allen and Unwin 1996.


420 Walter Sweeney, *Military Intelligence, a New Weapon in War*, New York, 1924.


422 David Syrett, *Infrastructure of Communications Intelligence: The Allied D/F network and the Battle of the Atlantic*, in Intelligence and National Security, 17(3) (Sep 2002), page 163 sqq.


429 G R Thompson and 3 others, *The Signal Corps: The Test*,

Australian Military History Publications, Loftus, NSW, 2000. [Joint venture with the Australian Army Intelligence Unit.]

431 Ian Toll, *Pacific Crucible*,
Norton 2011 (but dated ‘2012!!).

432 Kemp Tolley, *Cruise of the Lanikai*,

University of Waikato.

434 Peter G Tsouras, *Rising Sun Victorious*,

435 Barbara W Tuchman, *The Zimmermann Telegram*,

436 Alan Turing, *Report on a visit to the NCR Factory at Dayton, Ohio [Dec 1942]*,

437 W T Tutte, *FISH and I*,

438 Merrill B Twining, *No Bended Knee: The Battle for Guadalcanal*,

439 Universal Pictures, *film ‘Canucks in Aussie’*,
1945.

440 Mark Urban, *The Man Who Broke Napoleon’s Codes: The Story of George Scovell*,

441 Alistair Urquhart, *The Forgotten Highlander: My Unbelievable True Story of Survival*,
Skyhorse 2010.

442 E Van der Rhoer, *Deadly Magic: an account of Communications Intelligence in World War II in the Pacific*,
1979.

443 Dan van der Vat, *The Pacific Campaign*,


445 Brian Villa and Timothy Wilford, *Signals Intelligence and Pearl Harbor: The State of the Question*,
Int Nat Sec 21 (4) August 2006, 520–556.

446 Denis and Peggy Warner, *Disaster in the Pacific: New Light on the Battle of Savo Island*,

447 S D Waters, *Royal NZ Navy*,
part of NZ Official WW2 History, 1956.

448 Gwen Watkins, *Cracking the Luftwaffe Codes*,


457 Don Whitingdon, *Strive to be Fair*, about 1975.


Allied Intelligence teams invested heavily in cryptography resources in terms of man power and algorithmic analysis of the signals and how they were formatted. Other steps included attempts in getting the encoder / decoder machines from various sources including headquarters of forward army units, submarines and ships. 38. Gilbert, James L., and John P. Finnegan, eds., U.S. ARMY SIGNALS INTELLIGENCE IN WORLD WAR TWO, (Center of Military History, U.S. Army; Wash. D.C., 1993) Army and Coast Guard crypto staffs 1936, 30 Coast Guard 1926 Japanese intercepts, 21 Illegality of intercepts, 27 Mauborgne memorandum Sept.Â George Sterling was the wartime Chief of the Radio Intelligence Division of the F.C.C. and he first told its story in the 1963 Spark-Gap Times of the Old Old Timers Club, O.O.T.C. See Alvarez [2] chapter six, The Russian Problem, for more about the F.C.C. R.I.D.s Soviet intercepts, about which Sterling maintained.Â Documents Similar To Continuous Waves Sources And Notes 10 BIBLIOGRAPHY. Carousel Previous Carousel Next. A 3rd Round of DIRNSA Messages.