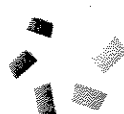


INTELLIGENCE REPORTS ON THE WAR IN THE ATLANTIC 1942-1945

The account of the War in the Atlantic from Dec. 1942 to May 1945 as seen through and influenced by Decryption of German Naval radio traffic.

Released by the Department of the Navy, Naval Security Group Command Headquarters.

Primary Source Media



GALE
CENGAGE Learning™

Primary Source Media



12 Lunar Drive, Woodbridge, CT 06525
Tel: (800) 444 0799 and (203) 397 2600
Fax: (203) 397 3893

P.O. Box 45, Reading, England
Tel (+ 44) 1734 583247
Fax: (+ 44) 1734 394334

PUBLISHER'S NOTE

The page numbers referred to are handwritten on the lower right corner of each page. Blank and classified pages were omitted during filming, accounting for the gaps. The first page of every chapter (and of Vol. II's 'Part's) has its own more detailed index.

In this Guide, whenever two consecutive numbers appear with a dash in between (72-73), this means that the item is between those pages.

VOLUME I
Allied Communication Intelligence and the Battle of the Atlantic

	<u>Pg.</u>
Table of Contents	1
Description of Program	2
Chapt. I: Brief Review of War In Atlantic Up To Reading of U-Boat Traffic in Dec. '42	8
Chapt. II: U-Boat and Allied Naval Communication Intelligence (including nature of U/B war, and U/B's mission, strengths and weaknesses)	15
GRAPH: M/V Tonnage Sunk In Escorted Convoys By U-Boats (Aug. '41- March '45)	29-30
Chapt. III: Winter-Spring of '43 U/B Offensive and Defeat (including "Defeat or Strategic Withdrawal", WW II losses compared with WW I, air attacks, and refusal to admit defeat)	32
GRAPH: Monthly Loss British, Allied, and Neutral Shipping By U/B Action	52-53
Chapt. IV: U-Boat Restoratives (including course of the war in summer of '43, renewal of North Atlantic Battle, "Thoughts On Convoy Fighting", new weapons and tactics)	56
Chapt. V: The New U-Boat Fleet and Schnorchel (including Allied Invasion of France, Schnorchel Fleet, weaknesses, and surrender)	71
Chapt. VI: Compromise of Allied Codes by German Intelligence	79
APPENDIX I to Vol. I, listing the graphs on the six pages following	92
GRAPHS: U-Boat Operations (Jan. '43-April '45)	Following
U-Boat Losses (Jan. '43-April '45)	Page
M/V Tonnage Sunk by Subs in Atlantic (Jan. '43-May '45)	92
Subs in Groups, Independent, Special Operations, Returning and Outbound (Jan. '43-May 45)	"
Percentage Subs in Groups and Independent (Jan. '43-May '45)	"
New Subs Entering Atlantic Operation, Subs Sunk, Gain or Loss to Atlantic U/B Operational Fleet (Jan. '43-June '44)	"
Letter of Transfer of Historical Material, from Dept. of Navy, Naval Security Group Command Headquarters	"
List of Abbreviations	"

VOLUME I

Allied Communication Intelligence and the Battle of the Atlantic

	<u>Pg.</u>
Table of Contents	1
Description of Program	2
Chapt. I: Brief Review of War In Atlantic Up To Reading of U-Boat Traffic in Dec. '42	8
Chapt. II: U-Boat and Allied Naval Communication Intelligence (including nature of U/B war, and U/B's mission, strengths and weaknesses)	15
GRAPH: M/V Tonnage Sunk In Escorted Convoys By U-Boats (Aug. '41-March '45)	29-30
Chapt. III: Winter-Spring of '43 U/B Offensive and Defeat (including "Defeat or Strategic Withdrawal", WW II losses compared with WW I, air attacks, and refusal to admit defeat)	32
GRAPH: Monthly Loss British, Allied, and Neutral Shipping By U/B Action	52-53
Chapt. IV: U-Boat Restoratives (including course of the war in summer of '43, renewal of North Atlantic Battle, "Thoughts On Convoy Fighting", new weapons and tactics)	56
Chapt. V: The New U-Boat Fleet and Schnorchel (including Allied Invasion of France, Schnorchel Fleet, weaknesses, and surrender)	71
Chapt. VI: Compromise of Allied Codes by German Intelligence	79
APPENDIX I to Vol. I, listing the graphs on the six pages following	92
GRAPHS: U-Boat Operations (Jan. '43-April '45)	Following
U-Boat Losses (Jan. '43-April '45)	Page
M/V Tonnage Sunk by Subs in Atlantic (Jan. '43-May '45)	92
Subs in Groups, Independent, Special Operations, Returning and Outbound (Jan. '43-May 45)	"
Percentage Subs in Groups and Independent (Jan. '43-May '45)	"
New Subs Entering Atlantic Operation, Subs Sunk, Gain or Loss to Atlantic U/B Operational Fleet (Jan. '43-June '44)	"
Letter of Transfer of Historical Material, from Dept. of Navy, Naval Security Group Command Headquarters	"
List of Abbreviations	"

VOLUME II
U-Boat Operations

	<u>Pg.</u>
Table of Contents	1
<u>PART A: U-Boat Offensive Against Convoys, Dec. '42-May '43</u>	2
Chapt. I: The Opening of the Convoy Battle (including general situation as seen through U/B Traffic of early Dec.)	3
Chapt. II: Transition, Jan.-Feb. '43	15
TWO GRAPHS re ocean routes and attacks	30-31
Chapt. III: Crisis of North Atlantic Offensive, March '43	31
TWO GRAPHS re ocean routes and attacks	52-53
Chapt. IV: Defeat in the North Atlantic (including Adm. Doenitz's admission of defeat and explanation: Radar or Allied wiles and technical innovations)	53
CHART: Total Subs at Sea, Jan.-Sept. '43	79
APPENDIX A: Description of Convoy and U/B Movements, Dates, and E- or W-Bound (18 pages)	79-80
APPENDIX B: U/B Group Operation Against U.S. and British Convoys Bound To or From N. Africa, Nov. '42-April '43	80
APPENDIX C: Distant Patrol Areas (Ships Sunk), Refueling, and Special Tasks, Jan.-May '43 (5 pages)	87-88
APPENDIX C1 to Part A: Distant Patrol Areas, Jan.-May '43	88
APPENDIX C2 to Part A: Refuelings, Jan.-May '43	92
APPENDIX C3 to Part A: Special Tasks (Miscellaneous), Jan.-May '43	95
<u>PART B: U-Boat Defensive and U.S. Anti-Sub Activities, May '43-May '44</u>	99
Chapt. V: Shift to the Middle and South Atlantic (including withdrawal from N. Atlantic, review of causes of German loss of the initiative, and vulnerable points)	100
GRAPH re ocean routes and attacks	110-111
Chapt. VI: Growth, Significance, and Decline of U/B Refueling Fleet (including TABLES: U/B refueling fleet monthly additions and losses, p. 113, and U/B refuelers by series, p. 119)	111
Chapt. VII: U.S. A/S CVE Task Groups (including the attack on Manseck, sinking of Czygan, and refueler losses in July and August '43)	131
Chapt. VIII: Independent Patrols in Distant Areas, Summer '43 (including A/C with radar everywhere, U/B reaction, and recommendations for U/B's)	160
APPENDIX to Chapt. VIII: Distant Patrol Areas (Ships Sunk), Refuelings, and Special Tasks, June '43-Sept. '43 (5 pages)	166-167
<u>PART C: Resumption of Offensive Against Major Convoys, Sept. '43-March '44</u>	167
Chapt. IX: U/B's Defeat Made Emphatic	168
Chapt. X: Last Challenge of the Pro-Schnorchel U/B (including appearance of weather boats and net results of renewed offensive)	176
CHART: Total Subs at Sea, Oct. '43-May '44	186
APPENDIX A to Part C: North Atlantic Convoys and U/B Groups, Sept. '43-March '44, and England-Gibraltar Convoys and U/B Groups, Oct. '43-Jan. '44 (13 pages)	186-187
APPENDIX B to Part C: Independent Patrols in Distant Areas, Oct. '43-May '44	187

VOLUME II (cont'd.)		Pg.
<u>PART D: From the Invasion of France to the End of the War</u>		188
Chapt. XI: The U/B and the Allied Invasion of France (including U/B Fleet's not being suited for defensive mission, pre-invasion scrutiny of traffic, reaction to Jan. 29, '44 invasion scare, D-Day, breakdown of German land communications, destruction of Bordeaux, and withdrawal to Norway)		189
APPENDIX to Chapt. XI: The U/B and the Allied Invasion of France, statistics		212
Chapt. XII: New Challenge (including effort to regain initiative, threat of new types of U/B's, attempts to blockade England, and collapse in the homeland)		213
GRAPH: Weather Transmissions and the German Counterattack		229-230
APPENDIX to Chapt. XII: U/B's Sunk		238
<u>PART E: Blockade Runners: Surface and Submarines, and German Naval Operations in the Far East and Indian Ocean</u>		302
Chapt. XIII: Surface Blockade Runners		303
CHART: Blockade Running Ships 1942-1945, and Surface Ships Used to Refuel U/B's in Indian Ocean 1943-1944		347
CHARTS: Blockade Running Ships Between Europe and Far East 1942-1945 (6 pages)		347-348
Chapt. XIV: U-Boat Operations in the Indian Ocean and the Far East (including organization and background, lack of Japanese cooperation, Blockade-Running Subs, and U/B Chronology)		348
APPENDIX A to Chapt. XIV: U/B cruises attempted, completed, sinkings, captures, German subs given to Japan, ex-Italian subs (15 pages)		Following Page
APPENDIX I to Vol. II: U/B's Sunk By U.S. Forces with Aid of Radio Intelligence, and CHARTS of where sunk (7 pages)		384

VOLUME III
German Naval Communications Intelligence

	<u>Pg.</u>
Table of Contents	1
Chapt. I: Organization and Working of German Naval Communications Intelligence	2
Chapt. II: Intelligence Disseminated to U/B's and Sources Acknowledged in U/B Traffic (including course of war as reflected in intelligence sent to U/B's at sea, aerial reconnaissance, agents, and P.O.W.'s)	12
Chapt. III: German Intelligence of Allied Convoys in Atlantic	24
Chapt. IV omitted.	
Chapt. V: "B-Dienst" On Board U-Boats	89
Chapt. VI omitted.	
Chapt. VII: German Fears of the Compromise of Their Naval Cipher	129

VOLUME IV
Technical Intelligence From Allied C.I.

	<u>Pg.</u>
Table of Contents	1
Chapt. I: German Search Receivers and Radar (including the "Magic Eye", the radiation specter, and the first non-radiating receivers)	2
Chapt. II: Anti-Detection Devices	19
Chapt. III: Schnorchel	28
Chapt. IV: Armament (Torpedoes and A/A Guns)	35
Chapt. V: German-Japanese Exchanges of Information	49
Chapt. VI: Fuel	57
Chapt. VII: U-Boat Navigation	62
APPENDIX to Vol. IV: German Weather Reporting Activities Jan. '44- May '45	94
CHART: Shore Stations, Locations, Attacks On Stations, Dates Destroyed, and Remarks	101