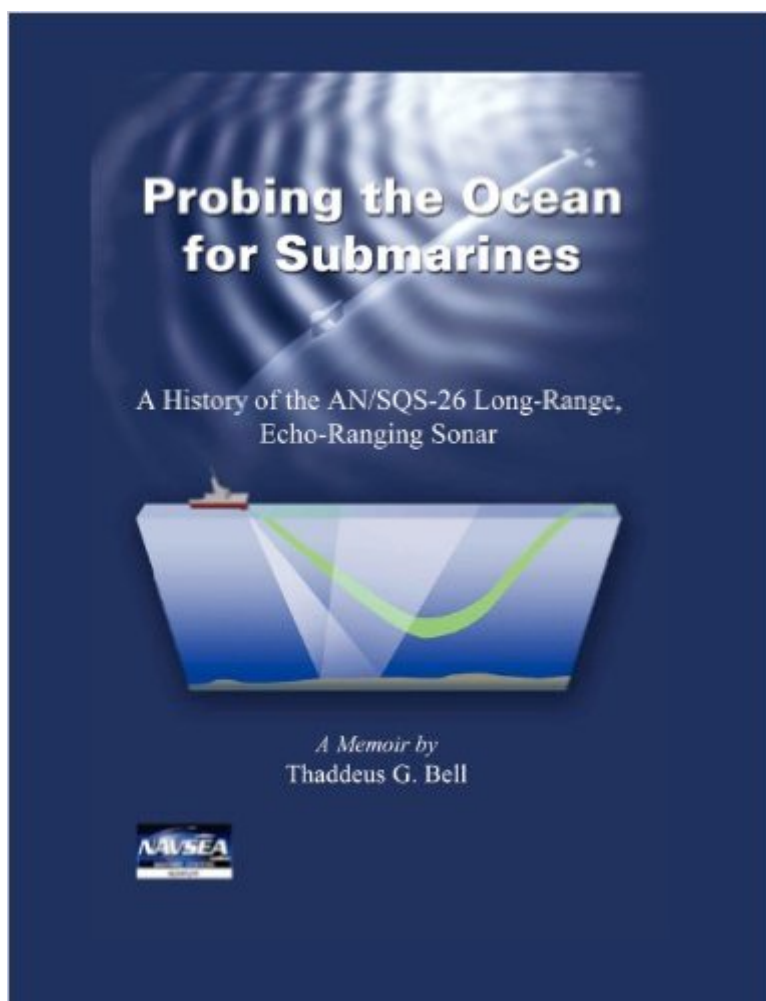# Probing The Ocean For Submarines: A History Of The AN/SQS-26 Long Range, Echo-Ranging Sonar

Synopsis

The AN/SQS-26 long-range, echo-ranging sonar surpassed predecessor production sonars by adding an over-the-horizon detection capability and exploiting the surface duct, bottom bounce, and convergence zone sound propagation paths from a hull-mounted sonar on a surface ship to a submarine target. This history of the AN/SQS-26 program details the nature of the technical problems encountered and the solutions found to address them, as well as the influence of international events on the objectives and support of the program. The critical contributions made by numerous personnel and organizations to the development program are documented, and the arc of the AN/SQS-26 program's success is traced from early concept formulation through full-scale experimentation and development to operational evaluation and full deployment in the Fleet. The AN/SQS-26 served as the antisubmarine warfare (ASW) sonar on U.S. destroyers and cruisers for decades, and this versatile sonar became a key factor in the U.S. Navy's quest for ASW superiority in the Cold War era. The first edition was published by the Naval Undersea Warfare Center Division, Newport, RI, in 2003. This edition makes the historical material in the book available for use by academia, research laboratories, and fleet units interested in ASW and the principles of sonar.

Book Information

Paperback: 262 pages

Publisher: Military Bookshop; Second Edition edition (September 1, 2010)

Language: English

ISBN-10: 1782662332

ISBN-13: 978-1782662334

Product Dimensions: 7.4 x 0.6 x 9.7 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,929,118 in Books (See Top 100 in Books)   #160 inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar   #4743 inÂ Books > History > Military > Naval   #5344 inÂ Books > Textbooks > Humanities > History > Military

Probing the Ocean for Submarines: A History of the AN/SQS-26 Long Range, Echo-Ranging Sonar ECHO: Echo User Guide: Beginner's User Guide to Master Your Echo (Echo Manual, Alexa, Echo , Device, Technology, Echo App, Echo Reviews) Echo: Learn Echo In A DAY! - The Ultimate Crash Course to Learning the Basics of Echo In No Time (Echo, Echo Course, ... Echo

Books, Echo User Guide) Echo: Echo User Guide: Comprehensive Guide to Getting The Most Out of Echo (Echo Users Manual, Echo User Guide, Echo) Echo User Guide & Manual: The 2016 Missing Manual (Echo 2016, Echo User Manual, Echo Help, Echo Resources, Alexa App) Echo: Echo Advanced User Guide (2016 Updated) : Step-by-Step Instructions to Enrich your Smart Life (Echo User Manual, Alexa User Guide, Echo Dot, Echo Tap) Echo: What to Know About Your Echo, How To Use It & Get the Most Out Of Your Echo *FREE BONUS INCLUDED* (Echo, Fire Phone, ... Fire Stick, Fire Tablet Book 1) Echo: The Complete User Manual To Starting With And Using Echo Like A Pro! (Echo, Alexa, Echo User Guide) Echo: 2016 User Guide To Understand Echo Fast! (Echo User Guide, Echo Manual, Alexa) Echo: User Guide To Understand Echo Fast! (Echo User Guide, Echo Manual, Alexa) (Volume 1) Long Range Shooting Handbook: Complete Beginner's Guide to Long Range Shooting Echo: Get To Know Alexa - An Echo User Guide (Echo, Fire Phone, Kindle, Fire Stick, Fire Tablet) Echo: The Complete User Guide & Manual for Your Prime, eBooks, Web Services & More! (Alexa Echo, Master your Echo, Tap) Echo: The Simple User Guide How to Program Echo Fast (Echo 2016,user manual,web services,by ,Free books,Free Movie,Alexa Kit) (Prime, smart devices, internet Book 5) Echo: The Ultimate Guide to Echo and Hacking for Dummies (by echo, Alexa Kit, Prime, users guide, web services, digital media, ... (Web services, internet, hacking) (Volume 2) ECHO USER GUIDE: The Official User Guide For Using Your Echo (technology mobile communication kindle alexa computer hardware) (Echo ... & Technology Ebooks Hardware & DYI) Echo: Simple User Guide to Program Echo (Echo 2016,user manual,web services,by ,Free books,Free Movie,Alexa Kit) (Prime, smart devices, internet Book 4) Echo: 2016 - The Ultimate Guide for Advanced Users to Master Echo (Echo, user manual,web services,by , Free books, Free Movie, ... smart devices, internet, guide Book 7) Echo: The Best User Guide How To Program Echo (Echo 2016,user manual,web services,by ,Free books,Free Movie,Alexa Kit) (Prime, smart devices, internet Book 4) Echo: Master Your Echo; User Guide and Manual (Echo Updated 2016 User Guide)