BridgeMaster E

Radar

User Guide

For Hellenic Navy Combattante III

Part Number USG2524
Issue 1

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WARNINGS AND CAUTIONS

WARNING: Lethal Voltage Hazard
When access covers are removed, lethal voltages may be exposed. Some capacitors used in the equipment take several minutes to discharge their stored voltages after switch OFF, this is a lethal voltage hazard. Always set the supply switch-fuse to OFF and remove the fuses, before removing the access covers of the equipment.

WARNING: Health Hazard
When cleaning the inside of the equipment, take care not to inhale dust. The dust is a temporary health hazard, depending on individual allergies.

WARNING: Radiation Hazard
Keep outside the hazard zone around an antenna or open waveguide radiating power. When it is necessary to work on the Scanner Unit, make sure that radar is switched OFF, and that both the Mains Isolator and the Scanner Control Unit are turned to the OFF position.

Never look directly into an open waveguide.

Radar and other forms of RF radiation can cause Cardiac Pacemakers to malfunction. If you use a Cardiac Pacemaker and suspect a malfunction, leave the vicinity of the radar system immediately and seek medical advice.

Most countries accept that there is no significant radiation hazard at RF power density levels of up to 10 mW/cm^2.

CAUTION: Electrostatic Sensitive Devices (ESSDs)
This equipment contains ESSDs. Take care not to damage these devices by discharge of electrostatic voltages.

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PREFACE

ABOUT THIS MANUAL

The structure of this manual and the design of the pages can help you to find the information that you need. Consistent presentation techniques are used throughout the manual, to make it easy to use.

This manual is intended to be used by the Radar Operator and is divided into chapters as follows:

- Chapter 1 - **An Overview**
- Chapter 2 - **Getting Started**
- Chapter 3 - **Basic Operation**
- Chapter 4 - **Ship's Heading and Speed**
- Chapter 5 - **Presentation, Motion, Vector and Trail Modes**
- Chapter 6 - **EBLs, ERBLs and VRMs**
- Chapter 7 - **Acquisition and Zone Functions**
- Chapter 8 - **Target Functions**
- Chapter 9 - **Navigation**
- Chapter 10 - **Maps**
- Chapter 11 - **Parallel Index Lines**
- Chapter 12 - **Tools**
- Chapter 13 - **Alarms**
- Chapter 14 - **System**
- Chapter 15 - **References**
- Annex A - **Search and Rescue (SART) Detection**

NOTICE
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