BCG
Buffalo Computer Graphics

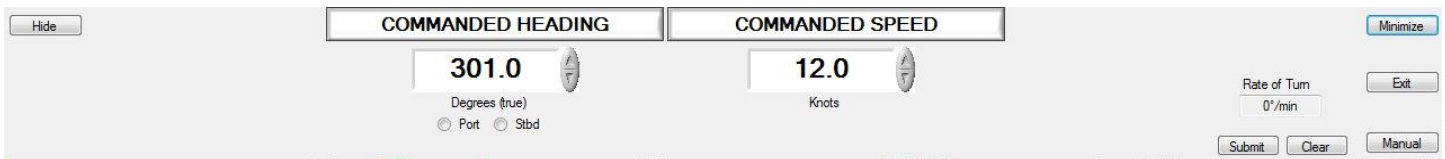# PCRadar
Tutor & Scenario Builder

PCRadar Tutor Features

> Student Self-Paced Learning

> Realistic Radar Presentation

> Ownship Steering Controls

> Scenario Play/Pause/ Stop Controls

> Event Triggered Questions

> Records all Student Actions

> Automatic Situational Warnings.

> Student Review Capability

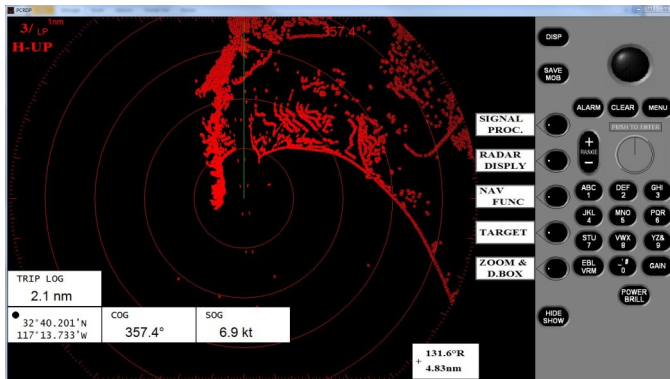> Easy access to Student's Reference Materials

PCRadar Tutor is an economical radar simulation training solution that enables a student to navigate an Ownship in a scenario and respond to question sets based on scenario situations. The student is able to proceed through the scenario at their own pace without needing an instructor present. Student actions and question response are saved for late review by the instructor.

For the instructor, BCG utilizes a variant of the Enhanced Graphic User Interface (GUI2), the standard instructor station software package. **Scenario Builder** is a program that enables the building of custom training exercises to be utilized by **PCRadar Tutor**. With **Scenario Builder** the entire student scenario may be reviewed and replayed at a time convenient to the instructor/supervisor.
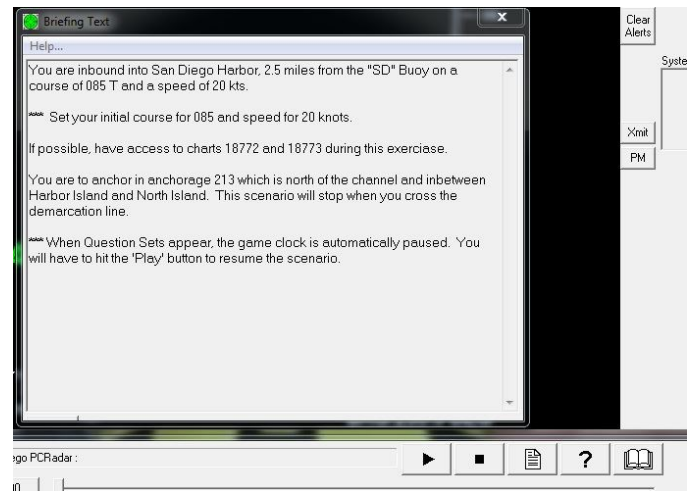
BCG also offers PC-based radar simulation for the Furuno RDP-149 (PCRDP), the Sperry Marine BridgeMaster-E (PCBME) and VisionMaster (PCVM) radar displays as options to PCRadar Tutor. These emulators provide the same level of radar fidelity as PCRadar, as well as the full ARPA capabilities found with each radar.

Virtual Steering Control Image

PCRDP Screenshot

Briefing Notes Textbox

Product Features:

♦ Available as software only or a turn-key system

♦ Scenario & Radar Database compatible with other BCG radar simulation products

♦ Runs with the following existing radar emulations: PCBME, PCRadar, PCVM, and PCRDP

♦ NMEA-0183 output messages for ECDIS Integration

♦ ARPA and AIS functionality can be turned off to increase situational awareness and collision avoidance training

Scenario Builder Features

♦ Instructor Composed Scenarios and Question Sets

♦ Selection of Landmass, Targets, Precipitation, Real Radar Effects

♦ Creation of Briefing Text

♦ Replay of Student (OS) Navigated Scenarios

♦ Instructor Review of Student Response to Question Sets

♦ Report Generation

♦ Instructor's Ability to Add Material to the student's Reference Library

♦ Electronic Chart System Available as an Option

PC Requirements:

♦ Windows WIN7 or WIN10

♦ Core i5 >2GHz or better

♦ 4GB memory

♦ 500MB disk

♦ 100/1000 NIC

♦ USB for Trackball or Touch Screen Monitor

Contact BCG for information and pricing on our full line of Maritime Simulation products.