

NAVDDX System

BACKGROUND INFORMATION

Task: New Design and EMD Fabrication

System Used in: NAVDDX

Brief Description: Design and Manufacture the Navigation Distribution System for the Zumwalt Class of Destroyers.

Program: AN/SSN-6(V) – NAVSSI Block 4.3

DoD Customer: SSC Pacific

Results: Designed and built within budget and on time.

Part No: 43A-RB300



Front View



Back View

Specifications

*Military GPS and Fiber Optic
Antenna Link*

Performs the Fusion and Distribution of:

Precision Time and Frequency
Data
Navigation Data
Ships Attitude Data

Designed to:

MIL-S-901D – Shock
MIL-STD-167-1A Vibration
MIL-STD-461F EMI/EMC

Dual redundant system

Includes:

Power Distribution Unit
Uninterruptible Power Supply
VME Chassis w/Interface Card Set
Maintainer Workstation