

CASE STUDY

PUBLIC/GOVERNMENT

MILITARY

National Maritime Intelligence Center, SUITLAND, MARYLAND



OPERATING COMPANY:

Dynalectric Company Washington, DC

CLIENT:

U.S. Navy, Department of Defense

GENERAL CONTRACTOR:

The George Hyman Construction Company

ARCHITECT:

HOK/RTKL/DMJM (joint venture)

VALUE DELIVERED

Expanded, more reliable maritime intelligence-gathering operations and more efficient coordination among various government intelligence-gathering organizations. The Washington Building Congress presented a "Craftsmanship Award" to Dynalectric for its outstanding work on this project's power distribution systems.

SCOPE OF WORK

Dynalectric installed the facility's power distribution system, which originated at unit substations located in the central plant and fed four transformer vaults. The project also included a sophisticated cable management system, which provides all necessary information regarding the complete cellular deck system. The emergency power backup system consists of six 1000 kw emergency generators with sequential paralleling switchgear. In addition, four 750 kva uninterruptible power supply systems augment the emergency power backup system.

TECHNICAL SOLUTIONS
Relationships
Quality Service
VALUE ENGINEERING
Experience
Project Schedule & Coordination
EXPERTISE

☐ New Construction☐ Retrofit

✓ Electrical Construction

☐ Mechanical Construction

☐ Facilities Services
Consulting Services

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BACKGROUND

At the National Maritime Intelligence Center (NMIC), the Office of Naval Intelligence brings military and civilian employees into a single command to provide "one-stop shopping" for national level maritime intelligence. The center also hosts the Marine Corps Intelligence Activity (MCIA), the Coast Guard Intelligence Coordination Center (ICC) and the Naval Information Warfare Activity (NIWA). The 700,000-square-foot office and data center is located on the grounds of the Federal Center Complex. It consists of 600,000 square feet of office space and a 100,000-square-foot parking garage.

OBJECTIVES

To meet the increasing demands of modern day intelligence gathering, the client sought to construct a new intelligence center with up-to-date electrical systems that satisfy both day-to-day and emergency needs.

SOLUTIONS

The project entailed preparation of extensive, highly detailed drawings, which were all generated by Dynalectric's in-house coordination department.



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