

**SHIP PRODUCTION COMMITTEE
FACILITIES AND ENVIRONMENTAL EFFECTS
SURFACE PREPARATION AND COATINGS
DESIGN/PRODUCTION INTEGRATION
HUMAN RESOURCE INNOVATION
MARINE INDUSTRY STANDARDS
WELDING
INDUSTRIAL ENGINEERING
EDUCATION AND TRAINING**

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Overview of Panel SP-9
Education and Training**

**U.S. DEPARTMENT OF THE NAVY
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PANEL SP-9

EDUCATION AND TRAINING

Howard M. Bunch
University of Michigan

Chairman

SP-9 OVERVIEW

'In 1981 the Ship Production Committee established the Education and Training Panel (SP-9). The panel's purpose is to develop and maintain educational programs in: (1) skilled trades training, (2) pre-entry professional training, and (3) middle management training.

In the lobby there is a short S-minute video tape describing the activities of the panel. I encourage you to take a few moments and watch it through a loop.

Since inception, the panel has supported 24 projects. While all have been important, time does not permit my describing each in detail. I'd like to mention several, almost at random, to indicate the scope of the panel's interest.

First, there is this symposium, the one you're attending. The SP-9 panel was given the responsibility of organizing and administering the meeting.

The Journal of Ship Production,' an archival journal focusing on the science of ship production, was established; the costs of start-up have been underwritten by SP-9. The journal provides a mechanism for presentation of technical papers by academia and industry professionals. Such a forum is seen as a necessary ingredient in the acceptance of ship production engineering as a fully qualified professional discipline.

We prepare microfiche of all NSRP publications (including an index), and distribute them free of charge to about 50 designated shipyards and libraries around the United States. A nominal charge is assessed for anyone beyond the designated 50. The library is updated annually.

We have just launched a project that will assess the communication requirements and communication skills of shipyard workers, then develop methods to improve those skills. Professor J.C. Mathes of the University of Michigan is project director.

The panel maintains the AVMAST library and lending service of audio-visual material for shipyard training. The material is loaned to shipyards and others for use in training and educational programs.

Another program, just underway, is to prepare a lecture course on basic naval architecture. The course, with 44 distinct lectures, will have companion workbook and instructor's manual.

Today, you are going to hear indepth presentations of those projects supported by SP-9. The first describes a recently completed activity. The second will cover a project that is complete, except for the final report...so you're getting a preview. The third will tell you about an exciting program that will get underway in the next several months.

Additional copies of this report can be obtained from the
National Shipbuilding Research and Documentation Center:

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