

COMSCINST 4101.1B	COG CODE N72	DATE 9 JUL 85
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DEPARTMENT OF THE NAVY
COMMANDER MILITARY SEALIFT COMMAND
WASHINGTON NAVY YARD BLDG 210
901 M STREET SE
WASHINGTON DC 20398-5540

COMSCINST 4101.1B
M-4E
9 July 1985

COMSC INSTRUCTION 4101.1B

Subj: Military Sealift Command Energy Conservation Program

Ref: (a) Navy Energy Plan 1983
(b) OPNAVINST 4100.5B
(c) OPNAVINST 4100.6
(d) OPNAVINST 4100.7
(e) OPNAVINST 4100.8
(f) OPNAVINST 4100.11
(g) OPNAVINST 4100.13

1. Purpose. To provide policy, goals, and responsibilities for the promotion of excellence in management of energy in the Military Sealift Command.
2. Cancellation. COMSC Instruction 4101.1A.
3. Background. Concentrated Navy efforts in energy management and conservation are outlined in references (a) through (g). The Military Sealift Command energy conservation program will parallel the Navy-wide effort.
4. Discussion. Military Sealift Command presently operates or has operational control of a fleet with an annual fuel bill of over 500 million dollars making it the largest U.S. ship operator. Because Military Sealift Command operates ships whose age ensures that fuel economy was not inherent in their original design, along with the operational decision of the Navy to use Diesel Fuel Marine (DFM) instead of cheaper fuels being used in private industry, it becomes immediately apparent that dedicated attention has had to be focused on this situation. Fuel conservation goes beyond fuel selection and engine tuning but includes such considerations as weather routing, trim optimization, bottom coatings, fuel additives, and selective lubrication.

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5. Policy

a. Readiness, safety, and effectiveness will not be compromised in achieving the goals of this instruction. In order to fulfill this policy, the MSC Committee for Energy Resource Management (MSCCERM) was established. The MSCCERM is organized as follows:

Vice Commander	M-01	Chairman
Engineering Officer	M-4E	Member
Operations Officer	M-3T	Member
Supply Officer	M-4S	Member

b. The functions of the MSCCERM are as follows:

(1) Establishing policy and directing the energy program within MSC.

(2) Establishing requirements for development of new methods and technology relating to energy conservation.

6. Goals. The Military Sealift Command energy goals are in support of the Navy and Federal Energy Programs outlined in reference (a). A goal is established for twenty percent reduction in fossil fuel energy consumption per ship in the next five years.

7. Action. The following specific responsibilities are assigned:

a. Vice Commander (M-01) is responsible for acting as chairman of the MSCCERM.

b. The Engineering Office (M-4E) will be responsible for:

(1) Acting as Vice Chairman of the MSCCERM.

(2) Coordinating the energy program within the command.

(3) Initiating energy awareness.

(4) Developing and applying new engineering techniques, procedures and hardware designed to conserve energy.

(5) Liaison with civilian industry for new developments in energy resource management.

(6) Monitoring energy consumption reporting.

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(7) Developing and instituting the SECNAV Energy Conservation Award per reference (d).

c. The Operations Officer (M-3T) will be responsible for:

(1) The Bunker Program Management taking into account procurement regulations, force scheduling, funding and legal constraints, propulsion and auxiliary plant capabilities, engineering practice and peacetime/wartime scenarios.

(2) Designating a member of the 3T staff a MSC Bunker Program Manager.

(3) Developing and recommending bunker policy as to procurement, type, consumption, reserves, storage, distribution/transportation, operational and contract requirements and administration.

(4) Coordinating the activities of all major codes as they relate to bunkers.

(5) Coordinating with Defense Fuel Supply Center, Office of Secretary of Defense and Chief of Naval Operations in the development of bunker policy.

(6) Developing new operational and navigational techniques and procedures designed to conserve energy.

d. The Supply Officer (M-4S) will ensure that energy consumption reporting to the Defense Energy Information System (DEIS) is timely and accurate.

e. The heads of other COMSC staff offices will:

(1) Make provisions in their respective plans, programs, and budgets for improving management of energy resources consistent with the provisions of this instruction and guidance from the MSCCERM.

(2) Incorporate an energy effectiveness review into the purchasing, system acquisition, and planning process.

f. MSC Area Commanders will:

(1) Establish energy resource management plans to achieve the goals of this instruction. Ensure subordinate commands and activities initiate similar plans.

(2) Assign line responsibility for energy resource management. The assignment will be a primary or major collateral duty.

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(3) Identify, submit, and implement projects for the most effective conservation actions.

(4) Incorporate review of energy conservation measures and other provisions of this instruction in annual command inspections.

(5) Nominate subordinate commands annually for the SECNAV Energy Conservation Award in accordance with reference (d).

(6) Ensure subordinate commands forward, via the chain of command, energy saving ideas and recommendations for review and promulgation.

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