

Waterfront Maintenance Note Number 27

Cold Lagging Guidelines

1. **Purpose:** To establish procedures and policy for the refurbishment of lagging on cold, chill and seawater piping systems.

2. **Background:** SERMC is capable of replacing cold lagging (closed cell foam insulation) on cold water system piping (i.e. chill water, cold potable water). This WFMN describes the responsibilities and procedures for requesting, scheduling and replacing cold water system lagging onboard shipboard piping systems (1/2" to 8" in diameter).

3. **Responsibilities:** Cold lagging installation requires coordination through the Ship Superintendent. There will be an established maximum of 100 linear feet of lagging replacement per approved C940 Service Request Form. Understand this is a capacity based service. The number of requests per ship per availability may be limited due to the number of ships in availability at a given time.

a. Ship's Force (S/F) shall:

(1) Submit a 4790/2K (2K) for one year of cold lagging installation services.

(2) Notify the respective Ship Superintendent via C940 Service Request Form when lagging replacement is required.

(3) Shut down and isolate system flow (to minimize condensation).

(4) Abide by the required glue cure time; Keep system isolated until agreed upon timeline to prevent premature failure of the newly installed lagging.

b. SERMC personnel shall:

(1) Establish a Fiscal Year Work package after receipt of 2-kilo to provide installation of cold lagging.

(2) Verify the location of new lagging request C940 Service Request Form with S/F.

(3) Remove damaged lagging and any debris from the associated piping delineated on the "Approved" C940 Service Request Form.

(4) Install new lagging material to include gluing and taping for seams and joints.

(5) Provide Ships Force with the glue cure timeline allowed prior to aligning the piping system for operation.

4. Procedure:

- a. Ships' Force fill out and submit C940 Services Request Form to their respective SHIPSUP.
- b. SHIPSUP deliver C940 Services Request Form to C940 Product Family Supervisor for approval.
- c. C940 Product Family Supervisor will notify the Repair Officer with the details of the work to be performed.
- d. C940 personnel coordinate work with S/F to confirm scope of work.
- e. C940 Remove old lagging and prep for application of new lagging. Bring old material back to SERMC for disposal.
- f. C940 personnel apply new lagging.
- g. S/F inspect lagging application for acceptance and acknowledgement of cure time.
- h. Ships force paint lagging (as required).

5. Points of Contact. For further guidance or information, contact SERMC Machine Product Family Supervisor, Code 940, at 904-270-5126 X3349.