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DEPARTMENT OF THE NAVY  
MILITARY SEA TRANSPORTATION SERVICE  
WASHINGTON 25, D. C.

COMSTS 9670.1A  
M-4R15  
31 July 1956

*44-4370*  
*44-4370*

COMSTS INSTRUCTION 9670.1A

From: Commander Military Sea Transportation Service  
To: Distribution List

Subj: Allowance of electronic equipment for MSTS ships in service (USNS);  
establishment of

Encl: (1) Electronic Equipment Requirements and Allowance Table for MSTS Ships  
in Service (USNS)

1. Purpose. This Instruction establishes and promulgates a revised authorized allowance of electronic equipment for all MSTS ships in service (USNS). This allowance includes navigational-aids systems, communications systems, test-and-measuring facilities and radac equipment.

\*2. Cancellation. This Instruction cancels and supersedes COMSTS INSTRUCTION 9670.1.

3. Directive. Enclosure (1) is a table of allowances of electronic equipment for MSTS ships in service. This allowance is to guide installation and maintenance planning in connection with the electronics facilities in these ships, but does not constitute authority to accomplish any new installations, removals, replacements, or equipment modifications without specific approval of COMSTS in accordance with INSTRUCTION 9670.3A or current revision thereof (Instructions concerning modifications and modifications of electronic equipment and spaces in MSTS ships in service (USNS)(civil-service-manned)).

4. Action.

a. One copy of this Instruction is to be posted conspicuously in the radio room of each ship.

\* b. All equipment on board applying to this allowance is to be currently and accurately reported in accordance with COMSTS INSTRUCTION 9670.2A or current revision thereof (Instructions for maintaining Ship Electronics Installation Record system for MSTS ships in service (USNS)).

ROY A. GANO  
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*H. W. Specht*  
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ELECTRONIC EQUIPMENT REQUIREMENTS AND ALLOWANCE TABLE  
FOR MST3 SHIPS IN SERVICE (USNS)

| EQUIPMENT |                            | REQUIREMENTS                    | ALLOWANCE |   |   |   |   |   |   |   |   |   |   |   |
|-----------|----------------------------|---------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|
| I.        | NAVIGATIONAL AIDS          |                                 | A         | A | A | A | A | A | A | A | A | A | L | L |
|           |                            | F                               | K         | K | K | K | O | O | P | P | T | S | S |   |
|           |                            |                                 | D         | L | V | G | C | A | M | T | # |   |   |   |
|           | RADAR                      | Navigational Type               |           |   |   |   |   |   |   |   |   |   |   |   |
|           |                            | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | LORAN                      | Direct-Reading Type             |           |   |   |   |   |   |   |   |   |   |   |   |
|           |                            | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | SONAR                      | Echo-Depth-Sounding Type        |           |   |   |   |   |   |   |   |   |   |   |   |
|           |                            | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Direction Finder     | In accordance Pt. 8 - FCC R.    |           |   |   |   |   |   |   |   |   |   |   |   |
|           |                            | Subpart R - Para 8.517          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           |                            |                                 |           |   |   |   |   |   |   |   |   |   |   |   |
| II.       | COMMUNICATIONS             |                                 |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Radio Transmitter          | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Main                       | Subpart R - Para 8.503          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Transmitter          | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Emergency                  | Subpart R - Para 8.504          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Transmitter          | 2,000 - 24,000 KCS; A1          |           |   |   |   |   |   |   |   |   |   |   |   |
|           | High Frequency             | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Receiver             | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Main                       | Subpart R - Para 8.503          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Receiver             | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Emergency                  | Subpart R - Para 8.504          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Radio Receiver             | 2,000 - 24,000 KCS; A1, A2, A3  |           |   |   |   |   |   |   |   |   |   |   |   |
|           | High Frequency@            | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Alarm-Keyer System         | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Transmitting               | Subpart R - Para 8.509          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Auto-Alarm System          | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Receiving                  | Subpart R - Para 8.511          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | 1 | 1 |
|           | Radiophone                 | Model CFT-214 Series or other   |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Transmit/Receive           | COMSTS-approved models          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Lifeboat Radio             | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | Portable                   | Subpart R - Para 8.520          | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | Lifeboat Radio Fixed       | In accordance Pt. 8 - FCC Rules |           |   |   |   |   |   |   |   |   |   |   |   |
|           | (1 Motor Lifeboat ea. P&S) | Subpart R - Para 8.520          | -         | - | - | - | - | - | - | 2 | 2 | - | - | - |

Enclosure (1)

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COMSUSINST 9670.1A  
31 July 1956

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Enclosure (1)

ELECTRONIC EQUIPMENT REQUIREMENTS AND ALLOWANCE TABLE  
FOR MSTs SHIPS IN SERVICE (USNS)

COMSTINSIST 9670.1A  
31 July 1956

| EQUIPMENT                                                                   |  | REQUIREMENTS                                              |  | ALLOWANCE |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------------------------------------------------|--|-----------------------------------------------------------|--|-----------|---|---|---|---|---|---|---|---|---|---|--|
|                                                                             |  |                                                           |  | A         | A | A | A | A | A | A | A | A | L | L |  |
|                                                                             |  |                                                           |  | F         | K | K | K | K | O | P | P | T | S | S |  |
|                                                                             |  |                                                           |  | D         | L | V | G | C | A | M | T | # |   |   |  |
| III. TEST EQUIPMENT                                                         |  |                                                           |  |           |   |   |   |   |   |   |   |   |   |   |  |
| Frequency Meter                                                             |  | Navy Model IM-21 or other                                 |  | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| Tube Tester                                                                 |  | COMSTS-approved models                                    |  | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| Analyzer                                                                    |  | Model CV-981 "Type 3 or 4"                                |  | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| IV. RADIAC (MSTs ships in service (civil-service-manned) only) - similar to |  |                                                           |  |           |   |   |   |   |   |   |   |   |   |   |  |
| AN/PDR-18                                                                   |  | Survey Meter, Gamma High Intensity                        |  | 2         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| AN/PDR-27                                                                   |  | Survey Meter, Beta Gamma Low Intensity                    |  | 2         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| AN/PDR-10                                                                   |  | Survey Meter, Alpha                                       |  | -         | - | - | - | - | - | - | 1 | - | - | - |  |
| IM-9/PD                                                                     |  | Dosimeter, Low Dose, Indicating (Technical)               |  | 5         | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |  |
| IM-94/PD                                                                    |  | Dosimeter, High Dose, Indicating (Tactical)               |  | 5         | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |  |
| DT-60/PD                                                                    |  | Dosimeter, Casualty Dose, Non-Indicating (Administrative) |  | &         | & | & | & | & | & | & | & | & | & | & |  |
| PP-354/PD                                                                   |  | Charger, Dosimeter                                        |  | 2         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| CP-95/PD                                                                    |  | Reader, Casualty Dosimeter                                |  | -         | - | - | - | - | - | - | 1 | - | - | - |  |

- @ May be a combined function of "Radio Receiver, Main" in some ships.  
# Less COMSTSWESTPACAREA contract-operated LST's.  
& 1.1 times the number of personnel.

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