



**PAMBANSANG PUNONGHIMPILAN TANOD BAYBAYIN NG PILIPINAS**  
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NHQ-PCG/MEPCOM

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**CIRCULAR**  
**NUMBER.....09-22**

**MARINE ENVIRONMENTAL PROTECTION COMMAND- MARINE SCIENCE**  
**TECHNICIAN SPECIALIZATION BADGE**

**I. AUTHORITY:**

Entitlement for Hazardous Duty Pay to Marine Environmental Protection Command-Marine Science Technician (MEPCOM-MST) or Memorandum Circular Nr 11-20 dtd 29 September 2020.

**II. PURPOSE:**

This circular prescribes guidelines and procedures governing the qualification and selection of MEPCOM-MST and wearing of MST Badge.

**III. SCOPE**

This circular applies to all officers, non-officers, civilian employees and personnel aboard or assigned or has been assigned to HMEPCOM, its Top Management, Support Units, Operational Units, Staff, Fleet and other offices carrying out MST related duties.

**IV. PROCEDURES:**

The following are the procedures in the selection of MEPCOM-MST.

- A. The Secretariat, Marine Science Investigation Force (MSIF) shall initiate the initial screening and assessment to personnel qualified as Marine Science Technician based on the criteria listed below:

**1. EDUCATIONAL ATTAINMENT:**

- a. Graduate of any Coast Guard School conducted and certified by CGETDC;
- b. Graduate of any cadet training school such as PMA, PMMA, AFP, PNP and other institutions recognized by the government;  
or

c. Personnel with Science Related Course:

c.1) Those who are at least undergraduate degree holders in any of the natural science and engineering courses;

c.2) Those who obtained diploma in the following courses or professionals in any of the following fields:

- a) Scientist
- b) Researcher
- c) Chemistry
- d) Bio-Chemistry
- e) Engineering
- f) Marine Biology
- g) Biology
- h) Geology
- i) Microbiology
- j) Marine Physical Science
- k) Marine Biotechnology
- l) Environmental Science
- m) Oceanography
- n) Forestry, Agriculture-Fisheries, Soil Science
- o) MARPOL Equipment Technicians, Operators and Specialist
- p) Other science and MEP related courses; or

c.3) Those who obtained at least twelve (12) units in the natural sciences, engineering or other related courses or any appropriate training as determined by the Secretariat, Marine Science Investigation Force;

2. Assignment orders to MEPCOM issued by CGAO;
3. Has been assigned to MEPCOM for more than 2 years;
4. Has been assigned to MSIF or MSI Group for more than three (3) months;
5. Completed Basic MEP Course conducted by MEPTC certified by CMEPCOM;
6. Completed MSIF briefing and familiarization (applicable to newly reported personnel in MSIF);
7. Completed at least three (3) actual Hazardous Duties as defined and listed in Section VI and VII of MC 11-20; and
8. Has been the Commander, MEPCOM; Deputy Commander, MEPCOM; and Commander, MSIF.

B. The Deputy MEP Staff for Human Resource Management (M-1) shall issue orders for the convening of the MEP Pay and Allowances Board (MEPPAB) upon the approval of CMEPCOM with the following composition:

| Office Position  | Designation        |
|--|--------------------|
| Deputy Commander, MEPCOM                                     | Chairperson        |
| Chief of MEP Staff, MEPCOM                                   | Vice-Chairperson   |
| Commander, MSIF  | Member/Secretariat |
| Superintendent, MEPTC  | Member             |
| Deputy Chief of MEP Staff for Human Resource Management, M-1 | Member             |
| Deputy Chief of MEP Staff for Plans and Programs, M-5        | Member             |

C. Upon review and identification of the requirements, the Secretariat shall endorse the names of the candidates to the Chairperson, MEP Pay and Allowances Board.

D. The Chairperson, MEPPAB shall call for a Board meeting thru its Secretariat to deliberate the list of MST candidates.

E. The Secretariat shall record the details of the deliberation, submit Minutes of the Meeting and MEPPAB Resolution duly signed by the members of Board. The same shall be submitted to the CMEPCOM for approval and signature prior submission to the higher headquarters.

F. Upon issuance of order from higher headquarters, the CMEPCOM shall issue the MST badge to duly recognized MST personnel.

## V. MARINE SCIENCE TECHNICIAN BADGE

**A. Description:** The design of the MEPCOM – Marine Science Technician Badge represents the following traditional elements of the Coast Guard service as well as scientific elements that represents MSTs.

**1. Trident** - Represents the Power of Science and its science-based evidence in the Marine Environmental Protection law enforcement. Three-pronged represents the three aspects of investigation of environmental cases; legal, scientific and technical.

**2. Hexagon** - Represents the harmony and balance in nature. Gender equality. It represents all corners of the universe, that hexagon can be found from the biggest planet to the microscopic compounds.

Hexagon is the hazardous shaped system that the MSTs are exposed to during the performance of their hazardous duties: flammable, oxidizing, explosive, corrosive, toxicity and hazardous to the MST and to the environment.

**3. Gears** - Represents the General Engineering Investigation Division. The gears represent the engineering branch of MSIF; the application and the practical use of Marine Pollution Prevention, Mitigation and Response equipment/materials to the Environment.

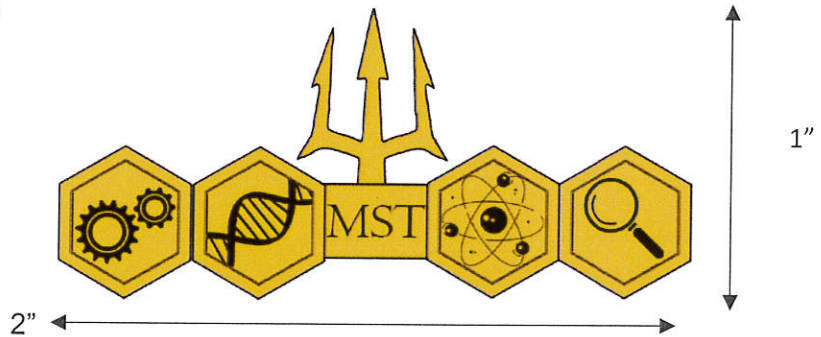
**4. Deoxyribonucleic Acid (DNA)** - Represents the Biological Investigation Division. The DNA represents the biology branch of MSIF; it represents the central dogma of life extending to the marine environment; the investigation of a suspected cause through biological techniques.

**5. Atom** - Represents the Chemical Investigation Division. The Atom represents the chemistry branch of MSIF; it represents the element as the building blocks of every material; the investigation of a suspected cause through chemical techniques.

**6. Magnifying Glass** - Represents the Field Investigation Division. The Magnifying Glass represents the field branch of MSIF; it represents the magnifying glass as the MST personnel doing investigative work through any means necessary; it represents the field work nature of MSIF-MST Personnel.

**B. Design and Dimensions:**

1. Height – 1 inch
2. Width – 2 inches



**Figure 1. MST Badge-A in PCG Uniform**  
(Marlen, Bush Coat, Working Blue, Service Blouse, White dock)

1. Height – 1 inch
2. Width – 2.75 inches



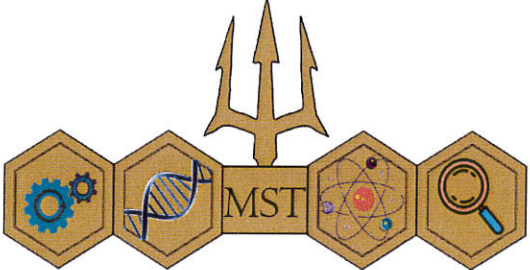
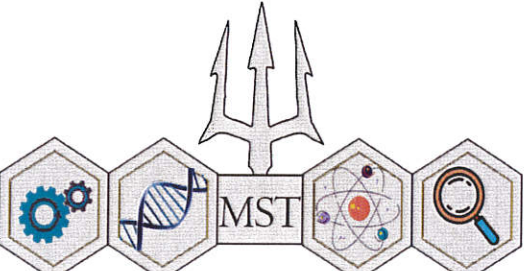
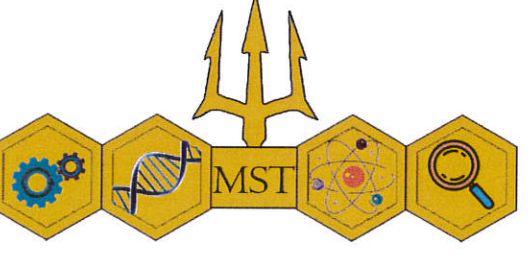
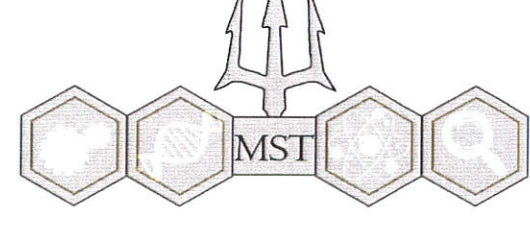
**Figure 2. MST Badge-B in PCG Uniform**  
(BDU and Cover-all)

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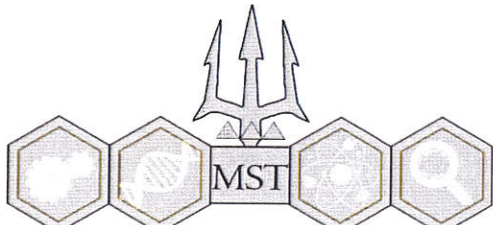
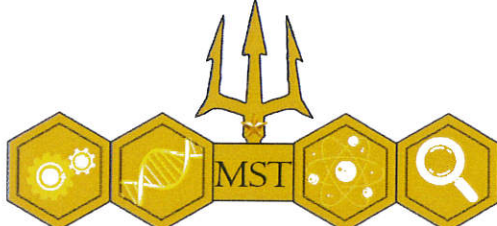
**C. MST Badge Level of Distinction:**

| <b>BADGES</b>                         | <b>Description</b>  | <b>MST Level</b>   |
|---------------------------------------|---|--|
| A. BEGINNER's BADGE                   | Bronze with colored gears, DNA, atom and magnifying glass | Officer and Non-Officer, certified by CMEPCOM as MST performing 1 to 3 years MST duties                  |
| B. INTERMEDIATE BADGE for Non-Officer | Silver with colored gears, DNA, atom and magnifying glass | Non-Officer certified by CMEPCOM performing MST duties for 4 to 7 years.                                 |
| C. INTERMEDIATE BADGE for Officer     | Gold with colored gears, DNA, atom and magnifying glass   | Officer certified by CMEPCOM performing MST duties for 4 to 7 years.                                     |
| D. SUPERVISORY LEVEL BADGE            | Plain Silver  | Non-Officer certified by CMEPCOM performing MST duties for 8 years and above                             |
| E. COMMANDER's BADGE                  | Plain Gold  | Officer certified by CMEPCOM performing MST duties for 8 years and above. CMSIF and Former CMSIF (MERDC) |
| F. MANAGER's BADGE (Honorary Badge)   | Plain Silver with Triangle                                | Senior Non-Officer certified by CMEPCOM. CMAA, MEPCOM CMCP, MEPCOM (CG CPO, CG SCPO, CG MCPO)            |
| G. EXECUTIVE BADGE (Honorary Badge)   | Plain Gold denoted with Stars                             | Flag Ranks. CMEPCOM, DCMEPCOM and Former CMEPCOM (CG COMMO, CG RADM, CG VADM, CG ADM)                    |

**D. Illustration of Badges based on Level of Distinction:**

| Level of Distinction                  | Badge Illustration   |
|---------------------------------------|--|
| A. BEGINNER's BADGE                   |    |
| B. INTERMEDIATE BADGE FOR NON-OFFICER |   |
| C. INTERMEDIATE BADGE FOR OFFICER     |  |
| D. MANAGERIAL LEVEL BADGE             |  |



|  |  |
|--|--|
| <p>E. COMMANDER MSIF<br/>BADGE</p>                         |    |
| <p>F. MANAGER's BADGE (Honorary Badge)</p>                 |  |
| <p>F.1 COAST GUARD CHIEF<br/>PETTY OFFICER</p>             |    |
| <p>F. 2 COAST GUARD<br/>SENIOR CHIEF PETTY<br/>OFFICER</p> |   |
| <p>F.3 COAST GUARD<br/>MASTER CHIEF PETTY<br/>OFFICER</p>  |  |
| <p>G. EXECUTIVE BADGE (Honorary Badge)</p>                 |  |
| <p>G.1 COAST GUARD<br/>COMMODORE</p>                       |  |



|                              |   |
|------------------------------|---|
| G.2 COAST GUARD REAR ADMIRAL |   |
| G.3 COAST GUARD VICE ADMIRAL |   |
| G.4 COAST GUARD ADMIRAL      |  |

**VI. POLICY GUIDELINES:**

- A. CMEPCOM upon recommendation of CMSIF has the authority to approve and grant the badge to the personnel assigned at MEPCOM.
- B. CMEPCOM as designated approving authority will require eligibility (e.g. trainings, seminars, etc.) upon the approval and grant of MST badge.
- C. Officers and Non-Officers who were designated and presently holding the position in MEPCOM as CMEPCOM, DCMEPCOM, CMSIF, CMCPO MEPCOM, and CMAA MEPCOM are automatically authorized to wear the badge.

**VII. MANNER OF WEARING:**

- A. The Marine Science Technician Badge-A will be one inch in height (H= 1.0”) and two inches in width (W= 2.0”) at standing position. While the Marine Science Technician Badge-B will be one inch in height (H= 1.0”) and two and seventy-five hundredths in width (W= 2.75”) at standing position.
- B. The Marine Science Technician Badge-A shall be worn at the center pocket of the uniform just below the flap of the left pocket of all



uniforms authorized by the Philippine Coast Guard except for Battle Dress Uniform. The badge must be seen and recognizable as a specialization of the bearer.

- C. The Marine Science Technician Badge-B shall be worn at the left arm patch at the top of unit logo of the Battle Dress Uniform. The badge must be seen and recognizable as a specialization of the bearer.

**VIII. TRANSITORY PROVISIONS:**

A. Upon approval and effectivity of this circular;

1. Personnel currently assigned and have taken the Basic Marine Science Technician Course are the only personnel authorized to wear the badge.

2. Officers and Non-Officers who are newly assigned at the Marine Science Investigation Force must undergo the Basic Marine Science Technician Course.

**IX. RESCISSION:**

This circular rescinds all other publications contrary to the provisions stated herein.

**X. EFFECTIVITY**

This circular shall take effect upon approval.

**BY COMMAND OF COAST GUARD ADMIRAL ABU:**

OFFICIAL:

**TITO ALVIN G ANDAL**  
**CG COMMO**  
Chief of Coast Guard Staff

  
**JAYSIEBELL B FERRER**  
**CG CDR**  
Coast Guard Adjutant