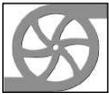


**GSM CAREER PATH  
(SW)**



Gas Turbine Technicians (Mechanical) (GSM). GSMs are responsible for operating, maintaining and repairing the mechanical components of gas turbine engines and main propulsion machinery including reduction gears, shafts and controllable pitch propellers; auxiliary equipment and propulsion control systems.					
<b>YEARS OF SERVICE</b>	<b>CAREER MILESTONES</b>	<b>AVERAGE TIME TO ADVANCE</b>	<b>COMMISSIONING OR OTHER SPECIAL PROGRAMS</b>	<b>SEA/ShORE FLOW</b>	<b>TYPICAL CAREER PATH DEVELOPMENT</b>
28-30	GSCM	22.6 Yrs	CSEL	36	4 <sup>th</sup> Shore Tour Billet: ECM/TECHAD, Training Manager, Ship Sup, ATG Lead, MGTI. Duty: BUPERS, Squadron, Schoolhouse
24-28	GSCM	22.6 Yrs	CSEL	48	4 <sup>th</sup> Sea Tour Billet: Dept. LCPO, MGTI. Duty: CG/DDG/LCS/LHA/LHD. Qualification: EOOW, PCO, ETT Coordinator
21-24	GSCM GSCS	22.6 Yrs 18.5	CWO, CSEL, RDC, Recruiter	36	3 <sup>rd</sup> Shore Tour Billet: ECM/TECHAD, LCPO, MGTI, Recruiter, RDC, Instructor, Ship Sup, Lead Technician. Duty: BUPERS, RTC, RMC, Ship Sup, SWOS, Squadron, NRD, RTC. Qualification: ATS, MTS, School: MGTI, SEA
17-21	GSCS GSMC GSM1	18.5 Yrs 15.8 10.1	CWO	48	3 <sup>rd</sup> Sea Tour Billet: Dept LCPO, Div. LCPO, MGTI. Duty: ACU/CG/DDG/LCS/LHA/LHD/LCAC. Qualification: ESWS, Engine room Operator, PACC, EPCC, EOOW, GSCS-ETT Coordinator. School: Prop Plant Mgr (U16A NEC)
14-17	GSMC GSM1	15.8 Yrs 10.1	LDO, CWO, RDC, Recruiter	36	2 <sup>nd</sup> Shore Tour Billet: Instructor, Maintainer. Duty: ATG, RMC, SWOS, RTC Qualification: ATS, MTS, NAMTS School: MGTI
9-14	GSM1 GSM2	10.1 Yrs 4.5	LDO	60	2 <sup>nd</sup> Sea Tour Billet: Technician, LPO. Duty: ACU/CG/DDG/LHA/LHD. Qualification: EAWS, ESWS, Engine Room Operator (ERO), PACC, EPCC, EOOW. School: Prop Plant Mgr (4206 NEC)



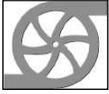
**GSM CAREER PATH  
(SW)**



<b>YEARS OF SERVICE</b>	<b>CAREER MILESTONES</b>	<b>AVERAGE TIME TO ADVANCE</b>	<b>COMMISSIONING OR OTHER SPECIAL PROGRAMS</b>	<b>SEA/ShORE FLOW</b>	<b>TYPICAL CAREER PATH DEVELOPMENT</b>
6-9	GSM2 GSM3	4.5 Yrs 2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC, Recruiter	36	1 <sup>st</sup> Shore Tour Billet: Instructor, Recruiter, Maintenance Technician. Duty: NSYD, RMC, ATG, SWOS. Qualification: MTS, ATS, Inspector, NAMTS
2-6	GSM2 GSM3	4.5 Yrs 2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC	53	1 <sup>st</sup> Sea Tour Billet: Maintenance Technician. Duty: ACU/CG/DDG/LHA/ LHD. Qualification: WCS, ESWS, ERO, EAWS
1+/-	GSMFN GSMFA Accession Training	9 Months			Recruit Training, "A" and "C" Schools

Notes:

1. A-school not required.
2. This is a compression rating. GSM and GSE ratings compress to GS rating at Senior Chief.
3. In rate shore duty normally limited to "A" or "C" School Instructor and Repair Facilities. Most can expect a tour in recruiting or as an RDC.
4. The Marine Gas Turbine Inspector (MGTI) program is open to E-6 and above. Sea tours for MGTI's are limited.
5. Tours at a Flag Staff, NPC and BUPERS require special screening.
6. Tour at BUPERS 3 as an Enlisted Community Manager or Enlisted Community Manager Technical Adviser is for high-performing E8s or E9s. It is a highly competitive tour requiring thorough understanding of the Rating and manning and manpower policies. ECMs handle multiple Ratings affecting thousands of Sailors, adjudicate Career Waypoints applications, develop and present advancement, school quotas, accession and strength policies and initiatives for community health.
7. NEC information:
  - a. U04A - CG-47 Gas Turbine Mechanical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 gas turbine main propulsion and electric generating plants, mechanical systems, and auxiliary support systems.
  - b. U06A - DDG-51 Gas Turbine Mechanical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 gas turbine main propulsion and electric generating plants mechanical system and auxiliary support systems.
  - c. 728B - LCAC Deck Engineer is a critical crew position aboard the LCAC, constantly working with high technical and potentially dangerous high-speed machinery. Also maintains, troubleshoots, and perform maintenance on the LCAC gas turbine engines, propulsion and lift system, and mechanical auxiliaries. The Deck Engineer will be familiar with the ABS mission.



## GSM CAREER PATH (SW)



d. 729B - LCAC Craft Engineer/Assistant Operator operates the Landing Craft, Air Cushion (LCAC) vehicle engineering plant (propulsion, lift, and control systems) in amphibious assault and training operations. Performs systems diagnostics, troubleshooting, and limited engineering systems repair during operations. Operates the LCAC when the Craftmaster (NEC BM-0167) is incapacitated.

e. 730B - LCAC Mechanical Systems Maintenance Technician performs organizational and intermediate level maintenance on LCAC propulsion and lift systems.

f. U07A - Marine Gas Turbine Inspector performs periodic borescope inspections, mechanical grooms, and gas turbine bulletin inspections. Provides troubleshooting and on-the-job training, oversees intermediate maintenance level repairs, and assists in calibration. Makes engine change-out recommendations and oversees gas turbine change installations. Ensures accuracy of engine logbook entries.

g. U08A - NAMTS Gas Turbine Repair Technician performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of marine gas turbine engines in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

h. U10A - CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technicians provide personnel with information regarding engineering administrative programs necessary for performance as work center supervisor and with knowledge and skills required to perform organizational level maintenance on pumps, valves, hydraulic systems, fuel systems, lube oil systems, air systems, waste heat boilers and LM2500/Allison gas turbine engines associated with the CG-47 Smart Ship class engineering plant.

i. U12A - DDG-M Gas Turbine Mechanical Maintenance Technician operates and performs advanced organizational and/or intermediate mechanical maintenance to the component level on DDG-M gas turbine main propulsion and electric generating plants mechanical system and auxiliary support systems.

j. U16A - Shipboard Engineering Plant Program Manager administers, manages and evaluates shipboard engineering programs. Recognizes engineering systems and major components external to the propulsion plant which comes under the cognizance of the Engineering Officer of the Watch (EOOW). Evaluates operating conditions and makes recommendations to the engineering officer.

k. 736B - NAMTS Pump Repair Technician performs Navy Afloat Maintenance Training Strategy (NAMTS) organizational and intermediate-level maintenance procedures, inspecting and repairing marine main propulsion and auxiliary pumps and associated equipment in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

l. U18A - NAMTS Heat Exchanger Repair Technician performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level maintenance procedures in the inspection, repair, and testing of heat exchangers and related components in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

m. 761A - NAMTS Hydraulics Repair Technician performs Navy Afloat Maintenance Training Strategy (NAMTS) organizational and intermediate-level maintenance procedures on hydraulic systems and components of propulsion machinery, auxiliary equipment, and outside machinery in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

### **Considerations for advancement from E6 to E7**

#### **1. Sea Assignments (all)**

- LPO/WCS at Sea/Operational/Joint
- Qualified EDO/EOOW a plus
- MGTI a plus
- At least one warfare pin
- DCTT/ETT
- Command Collateral with documented impact
- Qualified 3M 301- 305



## GSM CAREER PATH (SW)



- FCPOA involvement
- Sailor 360 involvement

### 2. Shore Assignments (all)

- RDC(w/MTS)/ATG(w/ATS)/TYCOM Staff/BUPERS//Expeditionary Service/SPECWAR/Expeditionary/Rating Instructor (All screened billets)
- Instructor Duty (805A) (MTS at all levels)
- Completed PPME, USMAP
- Community involvement

### **Considerations for advancement from E7 to E8**

#### 1. Sea Assignments (all)

- Department LCPO/ LCPO FDNF a plus
- Should be qualified EDO/EOOW
- MGTI a plus
- At least one warfare pin
- ETT Coordinator a plus
- Command Collateral with documented impact
- Completed PPME/JPME/USMAP/SEA
- Active CPO Mess involvement, holding a position
- Sailor 360 involvement and leading a committee/Season

#### 2. Shore Assignments (all)

- Recruiting Duty (serving as LSO or LCPO)/RDC/ATG (obtained ATS/MTS)/TYCOM Staff/BUPERS/SPECWAR/Expeditionary/Rating Instructor (obtained MTS) (All screened billets)/FLC's (impact billet on the waterfront)/ASD (with documented impact) Disaster Preparedness operations team leader.
- Completed PPME/JPME/SEJPME I/USMAP/SEA

### **Considerations for advancement from E8 to E9**

#### 1. Sea Assignments (all)

- DLCPO/LCPO at Sea/Operational/Joint, FDNF a plus
- MGTI a plus
- At least one warfare pin
- ETT Coordinator, EOOW/EDO
- Command Collateral with documented impact
- Completed PPME/JPME/USMAP/SEA
- Active CPO Mess involvement, holding a position
- Sailor 360 involvement and leading a committee/Season

#### 2. Shore Assignments (all)

- Recruiting Duty (serving as LSO or DLCPO)/RDC (Ship LCPO)/ATG (obtained ATS/MTS)/TYCOM Staff/BUPERS/SPECWAR/Expeditionary/Rating Instructor (obtained MTS) (All screened billets)/FLC's (impact billet on the waterfront)/ASD (with documented impact)
- Completed PPME/JPME/SEJPME I and II/USMAP/SEA
- Served as SEL or DLCPO