



**GSE CAREER PATH
(SW)**



Gas Turbine Technicians (Electrical) (GSE). GSEs operate, repair, and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry.					
YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ShORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
28-30	GSCM	22.6 Yrs	CSEL, ECM	36	4 th Shore Tour Billet: ECM/TECHAD, Training Manager, Ship Sup, ATG Lead, MGTI. Duty: BUPERS, Squadron, Schoolhouse
25-28	GSCM	22.6 Yrs	CSEL	48	4 th Sea Tour Billet: Dept LCPO, MGTI. Duty: CG/DDG/LCS/LHA/LHD. Qualification: EOOW, PCO, ETT Coordinator
21-25	GSCM GSCS	22.6 Yrs 18.5	CWO, CSEL, ECM, RDC, Recruiter	36	3 rd Shore Tour Billet: ECM/TECHAD, LCPO, Recruiter, RDC, Instructor, Ship Sup, Lead Technician, MGTI. Duty: BUPERS, RTC, RMC, Ship Sup, SWOS, Squadron, NRD, RTC. Qualification: ATS, MTS, School: MGTI, SEA
17-21	GSCS GSEC	18.5 Yrs 13.8	CWO, CSEL	48	3 rd Sea Tour Billet: Dept LCPO, Div. LCPO, MGTI. Duty: ACU/CG/DDG/LCS/LHA/LHD/LCAC. Qualification: ESWS, Engine room Operator, PACC, EPCC, EOOW, ETT Coordinator. School: Prop Plant Mgr (U16A NEC)
14-17	GSEC GSE1	13.8 Yrs 8.1	LDO, CWO, RDC, Recruiter	36	2 nd Shore Tour Billet: Instructor, Maintainer Duty: ATG, RMC, SWOS, RTC. Qualification: ATS, MTS, NAMTS School: MGTI



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9-14	GSE1 GSE2	8.1 Yrs 4.2	LDO	60	2 nd Sea Tour Billet: Technician, LPO. Duty: ACU/CG/DDG/LHA/LHD. Qualification: EAWS, ESWS, Engine Room Operator (ERO), PACC, EPCC, EOOW, ETT. School: Prop Plant Manager(4206)
6-9	GSE1 GSE2 GSE3	8.1 Yrs 4.2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	36	1 st Shore Tour Billet: Instructor, Recruiter, Maintenance Technician. Duty: Recruiter, NSYD, RMC, ATG, SWOS. Qualification: MTS, ATS, Inspector, NAMTS
2-6	GSE2 GSE3	4.2 Yrs 2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	51	1 st Sea Tour Billet: Maintenance Technician. Duty: ACU/CG/DDG/LHA/LHD. Qualification: WCS, ESWS, ERO, EAWS.
1+/-	GSEFN GSEFA Accession Training	9 Months			Recruit Training, "A" and "C" Schools.

Notes:

1. "A" school is required.
2. This is a compression rating. GSM and GSE ratings compress to GS rating at Senior Chief
3. In rate shore duty is normally limited to "A" or "C" School Instructor and SIMA. Most can expect a tour in recruiting or as an RDC.
4. Tours at a Flag Staff, NPC and BUPERS require special screening.
5. The Marine Gas Turbine Inspector (MGTI) program is open to E-6 and above. Sea duties for the MGTIs are limited to squadrons and ATG.
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. U03A - CG-47 Gas Turbine Electrical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 class gas turbine main propulsion and electric generating plants control systems.



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b. U05A - DDG-51 FLT I-II Gas Turbine Electrical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 FLT I-II gas turbine main propulsion and electrical generating plant control 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.

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. 731B - LCAC Electrical Systems Maintenance Technician performs organizational and intermediate level maintenance on LCAC craft control 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. U09A - CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technician operates and performs preventive and corrective maintenance and all authorized fault isolation and repair procedures on the Engineering Control System Equipment (ESCE).

h. 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.

Considerations for advancement from E6 to E7

1. Sea Assignments (all)

- LPO/ALPO/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
- 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



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- ETT Coordinator a plus
- Command Collateral with documented impact
- Completed PPME/JPME/USMAP/SEA
- Active CPO Mess involvement, holding a position
- Sailor 360 Phase 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
- Community involvement

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