Robotics (RW) belongs to a diverse community that is highly specialized to the platform they are assigned. RW Sailors maintain, operate, and manage various systems and programs in support of Anti-Submarine Warfare (ASW), Anti-Surface Warfare (ASUW), Intelligence, Surveillance, and Reconnaissance (ISR), Precision Strike (PS), Electronic Warfare (EW), Mine Warfare (MIW), Sub-Sea Seabed Warfare (SSW), Technical Operations (TECH OPS), Unmanned Aircraft (UAV), Unmanned Surface (USV), Unmanned Undersea (UUV), Unmanned Ground (UGV), Manned and Unmanned Teaming (MUMT), Special Communications (SC), Artificial Intelligence (AI), and Machine Learning (ML). They may be assigned to any warfare community as system technicians, platform operators, instructors, evaluators, quality assurance, maintenance supervisors, mission commanders, and as integrators of hardware and software to enable mission success through employment of advanced technology.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	RWCM	22.0 Yrs	CSEL	36/36	ECH I, II & III Advisor/Program Manager, Follow on Shore/Sea Tours
23-26	RWCM RWCS	22.0 Yrs 18.0	CSEL, CWO, Detailer, ECM, TECHAD, Placement	36	4th Sea Tour Billet: RW Manager Duty: NSWDG, NSW TACDEVRON, NSW SRT 1 & 2, NSW Group, EOD Group, VUP, EOD Mobile Unit, USVRON
20-23	RWCS RWC	18.0 Yrs 14.3	CWO, CSEL, Detailer, ECM, Placement, Brig Duty, Naval Academy Company Advisor	36	3rd Shore Tour Billet: RW Specialist/Manager Duty: ECH I & II Program Manager, NSWC, SURFDEVRON, NSW Group, NECC, EOD Group, NETC, BUPERS, NAVMAC, Naval Post-Graduate School, SERE Instructor, NSW ATC Instructor, Test & Evaluation Squadron
17-20	RWCS RWC RW1	18.0 Yrs 14.3 8.8	MECP, OCS, LDO, CWO, CSEL, RDC, Detailer, ECM, Placement	36	3rd Sea Tour Billet: RW Specialist/Manager, Safety Technician Duty: NSWDG, NSW TACDEVRON, NSW SRT 1 & 2, NSW SDVT 1 & 2, VUP, EOD Mobile Unit, USVRON
14-17	RW1	8.8 Yrs		36	2nd Shore Tour Billet: RW Specialist Duty: ECH II & III Program Manager, NSWC, SURFDEVRON, NSW Group, NECC, EOD Group, NETC, BUPERS, NAVMAC, Naval Post-Graduate School, SERE Instructor, NSW ATC Instructor, Test & Evaluation Squadron
9-14	RW1 RW2	8.8 Yrs 4.0	MECP, STA-21, Naval Academy, NROTC, LDO, RDC, Recruiter, Detailer, Instructor Duty	54	2nd Sea Tour Billet: RW Specialist Duty: NSWDG, NSW TACDEVRON, NSW SRT 1 & 2, NSW SDVT 1 & 2, VUP, EOD Mobile Unit Qualifications: NSW Combat Service Support, NSW Combat Support, 3M, UOC Watch Supervisor

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YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/ SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
6-9	RW2 RW3	4.0 Yrs 1.8	MECP, STA-21, Naval Academy, NROTC, LDO, RDC, Recruiter, Detailer, Honor Guard, Brig Duty	36	1st Shore Tour Billet: RW Specialist Duty: RW A-school, RW C-school Qualification: Master Training Specialists
1-6	RW3	1.8 Yrs	MECP, STA-21, Naval Academy, NROTC, USS CONSTITUTION	48	1st Sea Tour Billet: RW Specialist Duty: USVRON, VUP, EOD Mobile Unit Qualification: Operator/Maintainer, 3M
1+/-	RWSN RWSA Accession Training	9 Months			Recruit Training, "A" School and "C" School

Notes:

1. This is a sea duty intensive rating. Personnel with continuous tours at sea may not achieve career enhancing shore qualifications. This should not detract from career progression if the individual has documented successful performance on sea duty.

2. Due to specialized command or platform training and experience, personnel may retour or have multiple extensions within a UIC. This should not detract from career progression if the individual has documented successful performance. Extended or repeat tours are indicative of high performance and sustained superior performance.

3. Specfic to EOD Units.
   a. EOD Mobile Units are a Direct Support Rating assigned individual small units of actions. It is required that candidates assigned to EOD Units, who are being considered for advancement to have served or be serving an operational tour (Type 2, 4 or 6 Sea Duty) in a leadership role (LPO/LCPO) at an EOD Command to be considered Fully Qualified.
   b. EOD Expeditionary Support Units perform Intermediate Level Maintenance on Unmanned Systems and do not earn the normal qualifications available at an EOD Mobile Unit.
   c. EOD Training and Evaluation Units provide tactical level training in support of force generation and serve as instructors to the EOD Mobile Units.

4. The below tables list the applicable RW Career Leadership Milestone positions within these specific commands. These milestones require a minimum time in position and when denoted in an Evaluation indicate the member has completed appropriate Professional Military Education (PME) requirements and meets best and fully qualified criteria for the next paygrade within their community or specialization.

   a. A Memorandum for the Record (MFR) on command letterhead, signed by the CO to the service member, validates LPO/LCPO milestone completion during a time frame that is not annotated in a regular report or under a legacy billet title. Selection Board eligible members can include a copy of the MFR in their Letter to the Board package.
   b. Consideration **SHOULD** be given to post milestone E8s at NSWDG/TACDEVRON that successfully complete an operational CSEL or LNO deployment to a JTF as these roles require and demonstrate superior leadership beyond the normal scope of a SCPO.

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NSWG/SRT/ATC/TRADET	
RANK	BLOCK 29 TITLE
E6	UXS SITE LPO
E6	UXS SITE LPO
E6	DET/DIV LPO
E6	DEPT LPO
E7	UxS SITE LCPO
E7	TRAINING MANAGER
E7	DET/DIV LCPO
E7	DEPT SEA
E8	CMD SEA

USVRON	
RANK	BLOCK 29 Title
E6	DET LPO
E6	DIV LPO
E6	DEPT LPO
E7	DET SEA
E7	DIV LCPO
E7	DEPT LCPO
E8	CMD SEL
E8	DET LCPO
E8	DEPT LCPO

EODMU/MDSU	
RANK	BLOCK 29 TITLE
E6	LPO
E7	PLT LCPO
E7	ELEMENT LCPO
E8	Co LCPO
E8	DEPT LCPO

NSWDG/TACDEVRON	
RANK	BLOCK 29 TITLE
E6	DET LPO
E6	DIV LPO
E6	DEPT LPO
E7	DET LCPO
E7	DIV LCPO
E7	TRNG LCPO
E7	CUOPS LCPO
E8	CIT LCPO
E8	OPS LCPO
E8	TEAM LCPO
E8	DEPT LCPO

VUP/UX	
RANK	BLOCK 29 TITLE
E6	DET LPO
E6	DIV LPO
E6	DEPT LPO
E7	DET LCPO
E7	DIV LCPO
E7	MAINT CPO
E7	LINE LCPO
E8	MAINT SUP
E8	QAS
E8	DEPT LCPO
E8	CSEL

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Considerations for determining "best qualified" for advancement from E6 to E7

1. Sea Assignments
   a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
      - USVRON must hold **Unmanned Operations Center (UOC) Watch Supervisor**
      - EOD Mobile Units must hold **MK-18 UUV Supervisor Qualification**
   b. **MUST** hold primary enlisted warfare qualification for the community/platform member is currently assigned.
   c. **SHOULD** have a minimum of two core qualifications and at least two advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.
   d. **SHOULD** have completed one operational deployment for the community/platform member is currently assigned.
   e. E6s on board NSWDG/TACDEVRON/SRT for less than 15 months **SHOULD** be given due consideration based on previous documented performance within their prior community/platform as NSWDG recruits best and fully qualified candidates from across the Fleet.

2. Shore Assignments
   a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
   b. **SHOULD** have documented impact for a minimum of 12 months with command collaterals, FCPOA, or Sailor 360.
   c. **SHOULD** have a minimum of two core qualifications and at least two advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.
   d. Members assigned to initial accession duty, instructor duty, or NPC **SHOULD** be considered career enhancing.

Considerations for determining "best qualified" for advancement from E7 to E8

1. Sea Assignments
   a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
      - NSWDG/TACDEVRON must complete **16 months** and hold both **785I/837A NECs**
      - SRT must be a qualified **Mission Commander**
      - USVRON must be a qualified **UOC Watch Officer**
      - EOD Mobile Units must complete **24 months** and hold **757B NEC**
   b. **MUST** hold primary enlisted warfare qualification for the community/platform member is currently assigned.
   c. **SHOULD** have a minimum of three core qualifications and at least two advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.
   d. **SHOULD** have completed one operational deployment for the community/platform member is currently assigned.
   e. **SHOULD** have documented impact contributing to rating/community enhancement as Selection Board Recorder, AERR, OCCSTDS, JDTA, Working Group, or Symposium member.

2. Shore Assignments
   a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
   b. **SHOULD** have documented impact for a minimum of 12 months with command collaterals, CPOA, CPO Initiation Season, or Sailor 360.
   c. **SHOULD** have a minimum of three core qualifications and at least two advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.

d.   Members assigned to initial accession duty or instructor duty **SHOULD** be considered career enhancing.

Considerations for determining "best qualified" for advancement from E8 to E9

1. Sea Assignments
    a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
        ▪ NSWDG/TACDEVRON must complete **16 months** and hold both **785I/837A NECs**
        ▪ SRT must be a qualified **Mission Commander**
        ▪ USVRON must be a qualified **UOC Watch Officer**
        ▪ EOD Mobile Units must complete **24 months** hold **757B NEC**
    b. **MUST** hold primary enlisted warfare qualification for the community/platform member is currently assigned.
    c. **SHOULD** have a minimum of three core qualifications and at least three advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.
    d. **SHOULD** have completed one operational deployment for the community/platform member is currently assigned.
    e. **SHOULD** have documented impact contributing to rating/community enhancement as Selection Board Recorder, AERR, OCCSTDS, JDTA, Working Group, or Symposium member.

2. Shore Assignments
    a. **MUST** successfully complete a minimum of **12 months** in a leadership milestone position (Para 4 above). The time between the evaluation end date and the date of the promotion board should be added to the calculation for time successfully served in the milestone position.
    b. **SHOULD** have documented impact for a minimum of 12 months with command collaterals, CPOA, CPO Initiation Season, or Sailor 360.
    c. **SHOULD** have a minimum of three core qualifications and at least three advanced qualifications. Members should have Letters of Designation where appropriate entered into NSIPS.
    d. Members assigned to initial accession duty, instructor duty, NPC, acquisitions, or program management **SHOULD** be considered career enhancing.

Qualifications

Core Qualifications	
Long Title	**Abbreviated Title or NEC**
NSW Combat Service Support	854A
Collateral Duty Inspector	CDI
Quality Assurance Representative	QAR
NSW UAS Operator	838A
UAV Payload Operator	702A
MQ-4C Maintenance Technician	757C
UUV Operator	789A
MK18 Operator & Maintainer	799B
Expeditionary UxS Maintenance	825G
Expeditionary UxS Operator	826G

Advanced Qualifications	
Long Title	**Abbreviated Title or NEC**
NSW Combat Support	837A
SOF ATSO	785I
Helicopter Rope Suspension Technique/Cast Master	HRSTC-M
ExUUV Superviser	757B
MQ-4C Mission Payload Operator	757E
MQ-4C Mission Control System Administrator	757G
NSW TSO	704C
Safe For Flight	SFF
Mini/Micromin Repair Inspector	772B
DZ Safety Swimmer	DZSW

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Core Qualifications Continued	
Long Title	**Abbreviated Title or NEC**
Aviation EW Operator	723A
Journeyman Communications	723B
TSCOMM Maintenance Technician	723C
COMSEC Maintenance Technician	728A
Micromin. Electronic Repair Technician	783A
Miniture Electronic Repair Technician	784A
TacMobile Systems Operator	795A
TacMobile Acoustic Maint. Technician	795C
TacMobile Maint. System Technician	795D
Instructor	805A
Joint Fires Observer	JFO
JTAC	822A
NSW COMM Tech	794A
3-M Technician	3M
Range Safety Officer	RSO
Security+	SECP
Plane Captain	PC
Coxswain	CXW
2nd Class Swimmer	2nd Class Swim
MK-20 Video Ray Operator	MK-20-O
Basic Roper	BR
Helicopter Rope Suspension Technique/Cast	HRSTC
Post Mission Analysis	PMA
UOC Common Control Station	UOC-CCS
CompTIA Advanced Security Practitioner	CASP
Collateral Quality Assurance Rep	CDQAR
MK-18 UUV Supervisor Qualification	MK-18-S

Advanced Qualifications Continued	
Long Title	**Abbreviated Title or NEC**
Evaluator	EVAL
Mission Commander	MC
Master Training Specialist	8MTS
JTAC-I	823A
JTAC-E	836A
Static Line Parachutist	PJ
Military Freefall Parachutist	FPJ
TacMobile Watch Officer	795B
SOF SCAR-O	785E
SOF SCAR-A	785F
SOF Sensitive Activity Support	822B
3-M Coordinator	811A
Range Officer in Charge	ROIC
Certificate Cloud Security Professional	CCSP
Certified Information Systems Security Professional	CISSP
MK-20 Video Ray Maintenance	MK-20-M
Special Communications Technician	SC
Command Training Team	CTT
UOC Watch Supervisor	UOC-S
Command Training Team	CTT
Small Craft POIC	SC-POIC
UOC Watch Officer	UOC-O
Ground Maint. Vehicle Operator	GMVO

*NEC 757B is only awarded to personnel serving at EOD Mobile Units . It shall not be awarded to those assigned to Non-EOD Commands.

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