

MODULE 2-5 WEPS AND CSO BILLET SPECIALTY TRAINING

W	D	UD	TPC	#	Type	Lecture #	Title		Ratio	Curr. Hrs
							Lesson	Topic		
23	1	1	1	1	CLASSROOM	2-5-0	Intro	Introduction	64:2	0.5
23	1	1	2	1	CLASSROOM	2-5-1-1	WEPS/CSO Overview	WEPS/CSO Responsibilities	64:2	1
23	1	1	3	1	CLASSROOM	2-5-1-2	WEPS/CSO Overview	Programs and Certs	64:2	1
23	1	1	4	1	CLASSROOM	2-5-1-3	WEPS/CSO Overview	Turnover Requirements	64:2	1
23	1	1	5	1	CLASSROOM	2-5-2-1	Explosive Safety Management	EXSAF/SESI	64:2	1
23	1	1	6	1	CLASSROOM	2-5-2-3	Explosive Safety Management	Ammo Admin	64:2	2
23	1	1	7	1	CLASSROOM	2-5-2-4	Explosive Safety Management	AA&E	64:2	1
23	1	1	8	1	ALTERNATE EVENT	2-5-1-9	WEPS/CSO Overview	DH Mentorship	64:2	1
23	2	2	9	1	CLASSROOM	2-5-2-2	Explosive Safety Management	Qualification and Certification Program	64:2	1
23	2	2	10	1	CLASSROOM	2-5-2-5	Explosive Safety Management	OHE/MHE	64:2	0.5
23	2	2	11	1	CLASSROOM	2-5-2-10	Explosive Safety Management	Ammo Onload Preps	64:2	1
23	2	2	12	1	CLASSROOM	2-5-2-11	Explosive Safety Management	Ordnance Safety	64:2	1
23	2	2	13	1	CLASSROOM	2-5-2-6	Explosive Safety Management	Magazine Protection	64:2	1.5
23	2	2	14	1	CLASSROOM	2-5-3-4	Gun Systems	Live Fire Events	64:2	1
23	2	2	15	1	CLASSROOM	2-5-2-7	Explosive Safety Management	CIWS	64:2	1
23	2	2	16	1	CLASSROOM	2-5-2-8	Explosive Safety Management	RAM and NSSM	64:2	1
23	2	3	17	1	ALTERNATE EVENT	2-5-2-12	Explosive Safety Management	DH Mentorship	64:2	1
23	3	3	18	1	CLASSROOM	2-5-3-3	Gun Systems	Gun Quals	64:2	1
23	3	3	19	1	CLASSROOM	2-5-3-1	Gun Systems	Small Arms	64:2	1
23	3	3	20	1	CLASSROOM	2-5-1-4	WEPS/CSO Overview	ATFP	64:2	1
23	3	3	21	1	CLASSROOM	2-5-3-2	Gun Systems	Naval Gun Systems	64:2	1
23	3	3	22	1	CLASSROOM	2-5-1-5	WEPS/CSO Overview	VBSS	64:2	1
23	3	3	23	1	CLASSROOM	2-5-4-5	CSJ Management	CCC	64:2	1
23	3	3	24	1	CLASSROOM	2-5-4-4	CSJ Management	HFCN	64:2	1
23	4	4	26	1.5	CLASSROOM	2-5-4-1	CSJ Management	Communications Planning	64:2	1.5
23	4	4	27	1	CLASSROOM	2-5-4-3	CSJ Management	SHF/EHF	64:2	1
23	4	4	28	1	CLASSROOM	2-5-4-2	CSJ Management	UHF/VHF	64:2	1
23	4	4	29	0.5	CLASSROOM	2-5-4-8	CSJ Management	DMS, FODMS	64:2	0.5
23	4	4	30	0.5	CLASSROOM	2-5-4-7	CSJ Management	ICOM & Alarms	64:2	0.5
23	4	4	31	2	CLASSROOM	2-5-4-6	CSJ Management	Navigation and Surface Search RADARS	64:2	2
23	4	4	32	1.5	CLASSROOM	2-4-1-14	CSJ Management	MOB-A	64:2	1.5
23	5	5	33	1	CLASSROOM	2-5-5-3	Cyber Management	Cyber Security Management	64:2	1
23	5	5	34	1	CLASSROOM	2-5-5-2	Cyber Management	Cyber Tools	64:2	1
23	5	5	35	1	CLASSROOM	2-5-5-4	Cyber Management	Cyber and Space Workforce	64:2	1

25	3	13	74	PRACTICAL WORK C	2-5-4-12	C5I Management	EMO Seminar	64:2	1
25	3	13	75	CLASSROOM	2-5-3-5	Gun Systems	Negligent Discharge Case Studies	64:2	2
25	3	13	76	PRACTICAL WORK C	2-5-10-2	Final Project	BST Final Project Prep	64:2	4
25	4	14	77	CLASSROOM	2-5-9-10	Fleet Readiness	C2X/JTFX	64:2	1
25	4	14	78	ALTERNATE EVENT	2-5-9-6	Fleet Readiness	DH Roundtables	64:2	1.5
25	4	14	79	CLASSROOM	2-5-8-5	Combat Systems Readiness	DH Mentorship	64:2	1
25	4	14	80	PRACTICAL WORK C	2-5-10-2	Final Project	Final Project Preparations	64:2	4.5
25	5	15	81	CLASSROOM	2-5-12-3	Assessment	Quiz 3	64:2	0.5
25	5	15	82	CLASSROOM	2-5-8-4	Combat Systems Readiness	CSTI and Combat Systems Light Off Orders	64:2	1
25	5	15	83	REVIEW	2-5-12-5	Assessment	BST Exam Review	64:2	1
25	5	15	85	CLASSROOM	2-5-10-2	Final Project	BST Final Project Prep	64:2	5.5
26	1	16	86	CLASSROOM	2-5-1-6	WEPS/CSO Overview	SSO and Top Secret Control	64:2	1
26	1	16	87	CLASSROOM	2-5-9-11	Fleet Readiness	WCS PBED	64:2	1
26	1	16	88	COMPUTER BASED TRAINING - CLASSROOM			CBT	64:2	6
26	2	17	89	BRIEF	2-5-10-3	Final Project	Final Project	64:2	4
26	2	17	90	CLASSROOM			Directed Study	64:2	4
26	3	18	91	BRIEF	2-5-10-3	Final Project	Final Project	64:2	4
26	3	18	92	COMPUTER BASED TRAINING - CLASSROOM			CBT	64:2	4
26	4	19	93	PRACTICAL COMPRE	2-5-12-5	Assessment	Practical Works Seminar	64:2	2
26	4	19	94	CLASSROOM	2-5-9-4	Fleet Readiness	Personnel Management	64:2	0.5
26	4	19	95	COMPUTER BASED TRAINING - CLASSROOM			CBT	64:2	5.5
26	5	20	96	FINAL COMPREHENS	2-5-12-6	Assessment	BST Final Exam	64:2	4
26	5	20	97	COMPUTER BASED TRAINING - CLASSROOM			CBT	64:2	4

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MODULE 2-5: BILLET SPECIALTY CSO / WEPS		
Unit / Lesson Topic #	Unit / Lesson Topic	Objectives
2-5-0	Introduction	<p>DISCUSS the Mission of Billet Specialty CSO / WEPS</p> <p>DESCRIBE the Billet Specialty CSO / WEPS continuum</p> <p>DESCRIBE Techniques for student success</p>
2-5-1	WEPS/CSO Overview	TO 2-5-1 Upon completion of this lesson, students should be able to DEMONSTRATE an understanding of programs associated with your role as the Weapons/Combat Systems Officer
2-5-1-1	WEPS/CSO Responsibilities	EO 2-5-1-1.1 UNDERSTAND the programs and equipment associated with your role as the Weapons/Combat Systems Officer
2-5-1-2	Programs and Certifications	EO 2-5-1-2.1 DESCRIBE the programs and certifications associated with management of the Weapons/Combat Systems departments.
2-5-1-3	Turn Over Requirements	<p>EO 2-5-1-3.1 LIST the required elements of a turnover plan.</p> <p>EO 2-5-1-3.2 DISCUSS how to develop a turnover plan.</p> <p>EO 2-5-1-3.3 BRIEF your turnover plan.</p> <p>EO 2-5-1-3.4 DISCUSS your role as the Department Head.</p> <p>EO 2-5-1-3.5 DISCUSS the challenges of managing your department.</p>
2-5-1-4	ATFP Program	<p>EO 2-5-1-4.1 LIST the applicable references concerning shipboard ATFP.</p> <p>EO 2-5-1-4.2 LIST and DESCRIBE the current standards and requirements for ATFP.</p> <p>EO 2-5-1-4.3 LIST and DESCRIBE the current standards and requirements for specific ATFP watchstanders.</p> <p>EO 2-5-1-4.4 DEVELOP an ATTT training plan and drill package.</p>
2-5-1-5	VBSS	<p>EO 2-5-1-5.1 LIST the applicable references concerning shipboard VBSS.</p> <p>EO 2-5-1-5.2 LIST and DESCRIBE the current standards and requirements for VBSS.</p> <p>EO 2-5-1-5.3 DEVELOP a VBSS training plan and drill package.</p>
2-5-1-6	SSO and Top Secret Control	EO 2-5-1-6.1 DISCUSS the requirements for Top Secret Control.

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		EO 2-5-2-2.2 DESCRIBE the QUAL CERT training program.
2-5-2-3	Ammo Admin	EO 2-5-2-3.1 EXPLAIN the purpose of Ammo Admin. EO 2-5-2-3.2 EXPLAIN how ammunition is inventoried and reconciled. EO 2-5-2-3.3 DESCRIBE the purpose of a given Ammo Admin message. EO 2-5-2-3.4 DESCRIBE the Notice of Ammunition Reclassification (NAR) process. EO 2-5-2-3.5 EXPLAIN applicable ammunition Condition Codes. EO 2-5-2-3.6 DESCRIBE Ammo Sentencing, packaging and storage. EO 2-5-2-3.7 EXPLAIN Non-Combat Expenditure Allowance (NCEA) EO 2-5-2-3.8 DESCRIBE internal control procedures.
2-5-2-4	AA&E	EO 2-5-2-4.1 EXPLAIN the purpose of Arms, Explosives, and Ammunition (AA&E). EO 2-5-2-4.2 LIST AA&E security measures. EO 2-5-2-4.3 LIST key personnel involved in AA&E. EO 2-5-2-4.4 EXPLAIN AA&E security risk categories. EO 2-5-2-4.5 DESCRIBE when weapons inventories should be conducted.
2-5-2-5	Ordnance Handling Equipment / Material Handling Equipment	EO 2-5-2-5.1 LIST the applicable references concerning shipboard Ordnance Handling Equipment as well as Material Handling Equipment used for ordnance evolutions. EO 2-5-2-5.2 LIST and DESCRIBE the current standards and requirements for Ordnance Handling Equipment as well as Material Handling Equipment used for ordnance evolutions.
2-5-2-6	Magazine Protection	EO 2-5-2-6.1 DISCUSS the construction, operation, and maintenance issues associated with the Ammunition Magazine system. EO 2-5-2-6.2 LIST and DESCRIBE the components of the

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		EO 2-5-4-5.2 LIST and DESCRIBE the current standards and requirements for CCC.
2-5-4-6	Navigation / Surface RADAR	<p>EO 2-5-4-6.1 DESCRIBE and DISCUSS the operational characteristics, capabilities and limitations of Surface Search RADARS, Navigation RADARS, and IFF.</p> <p>EO 2-5-4-6.2 LIST and DESCRIBE the major components of Surface Search RADARS, Navigation RADARS, and IFF.</p> <p>EO 2-5-4-6.3 DESCRIBE the function of your ship's Surface Search RADARS, Navigation RADARS, and IFF.</p> <p>EO 2-5-4-6.4 LIST the interfaces of Surface Search RADARS, Navigation RADARS, and IFF.</p> <p>EO 2-5-4-6.5 DESCRIBE the personnel and equipment safety precautions that are to be observed during operation of the Surface and Air Search RADARS, Navigation RADARS, and IFF.</p> <p>EO 2-5-4-6.6 DESCRIBE the common maintenance and operation issues of surface search and navigation RADARS.</p> <p>EO 2-5-4-6.7 DESCRIBE the casualty mode of operation of navigation equipment.</p> <p>EO 2-5-4-6.8 DESCRIBE the IFF modes of operation</p> <p>EO 2-5-4-6.9 DESCRIBE the personnel and equipment safety precautions that are to be observed during operation of IFF.</p>
2-5-4-7	ICOM/Alarms	EO 2-5-4-7.1 DESCRIBE the function of ICOM and Alarm systems.
2-5-4-8	DMS/FODMS	EO 2-5-4-8.1 DESCRIBE the function of DMS/FODMS systems.
2-5-4-9	LINK Response Team	<p>EO 2-5-4-9.1 DESCRIBE the purpose of the LINK Response Team (LRT).</p> <p>EO 2-5-4-9.2 LIST the requirements of the LINK Response Team (LRT).</p> <p>EO 2-5-4-9.3 LIST the equipment maintained by the LINK Response Team (LRT).</p>
2-5-4-10	BFTT/OBT/FST	EO 2-5-4-10.1 DESCRIBE the purpose of BFTT/OBT/FST.
2-4-1-14	MOB-A Certification	EO 2-4-1-14.1 DESCRIBE the requirements and preparation for certifying aviation facilities.

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Unit / Lesson Topic #	Unit / Lesson Topic	Objectives
2-5-4-12	EMO Seminar	DISCUSS electronics material readiness concerns.
2-5-4-13	DH Mentorship	DISCUSS C5I Readiness from a Department Head perspective.
2-5-5	Cyber Management	TO 2-5-5: Upon completion of this lesson, students should be able to DEMONSTRATE an understanding of cyber management on US Navy ships.
2-5-5-1	Cyber Operations	EO 2-5-5-1.1 LIST the applicable references of cyber network security inspections and certifications. EO 2-5-5-1.2 LIST and DESCRIBE the current standards and requirements of cyber network security inspections and certifications. EO 2-5-5-1.3 LIST the stages of a Cyber Security Inspection (CSI).
2-5-5-2	Cyber Tools	EO 2-5-5-2.1 DESCRIBE Vulnerability Remediation Asset Manager (VRAM). EO 2-5-5-2.2 UNDERSTAND the essential information received from VRAM. EO 2-5-5-2.3 DESCRIBE the following terms as they apply to cyber management: <ul style="list-style-type: none"> • Scan • Patch • Analyze EO 2-5-5-2.4 DESCRIBE the Universal Serial Bus (USB) Detect. EO 2-5-5-2.5 DEFINE a Security Technical Implementation Guide (STIG). EO 2-5-5-2.6 IDENTIFY the components of a network diagram / topology.
2-5-5-3	Cyber Security Management	EO 2-5-5-3.1 DESCRIBE current standards and requirements for cyber / network security inspections and certification. EO 2-5-5-3.2 LIST and DESCRIBE the cyber security reports. EO 2-5-5-3.3 DESCRIBE an effective cyber security 12 O'Clock or 8 O'Clock report. EO 2-5-5-3.4 DEFINE defense in depth as it applies to cyber warfare.

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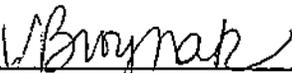
Unit / Lesson Topic #	Unit / Lesson Topic	Objectives
		EO 2-5-5-6.5 DESCRIBE how to respond to a cyber negligent discharge.
		EO 2-5-5-6.6 DESCRIBE Computer Tasking Orders (CTOs) and Information Assurance Vulnerability Alerts and Bulletins (IAVA/IAVABs).
2-5-5-7	DH Mentorship	DISCUSS Cyber Management from a Department Head perspective.
2-5-6	Undersea Warfare Management	TO 2-5-6 Upon completion of this lesson, students should be able to DEMONSTRATE an understanding of undersea warfare management on US Navy ships.
2-5-6-1	ASW System Readiness	<p>EO 2-5-6-1.1 DESCRIBE the required testing for ASW systems.</p> <p>EO 2-5-6-1.2 DESCRIBE the ASW System Consolidated Operability Test (SCOT).</p> <p>EO 2-5-6-1.3 DESCRIBE the requirements for conducting a SONAR Self Noise test.</p> <p>EO 2-5-6-1.4 DISCUSS the calibration and weight testing requirements for torpedo handling and launching systems.</p>
2-5-6-2	Surface Vessel Torpedo Tubes (SVTT)	<p>EO 2-5-6-2.1 LIST the components of the SVTT.</p> <p>EO 2-5-6-2.2 DESCRIBE the function of the components of the SVTT system.</p> <p>EO 2-5-6-2.3 DESCRIBE the casualty configurations of the SVTT system.</p>
2-5-6-3	ASW Auxiliary Systems	<p>EO 2-5-6-3.1 LIST the components of the Fathometer system.</p> <p>EO 2-5-6-3.2 DESCRIBE the function of the components of the Fathometer system.</p> <p>EO 2-5-6-3.3 DESCRIBE the casualty configurations of the Fathometer System.</p> <p>EO 2-5-6-3.4 LIST the components of the NIXIE system.</p> <p>EO 2-5-6-3.5 DESCRIBE the function of the components of the NIXIE system.</p>

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Unit / Lesson Topic #	Unit / Lesson Topic	Objectives
		requirements for SESEF.
2-5-8-3	Troubled Systems	EO 2-5-8-3.1 DESCRIBE how the SURFOR and ATG Troubled Systems list can improve your ship's material readiness. EO 2-5-8-3.2 LIST Troubled Systems for your ship.
2-5-8-4	CSTT and Combat Systems Light Off Orders	DISCUSS Combat Systems Training Team considerations. DISCUSS Combat Systems Light Off Orders
2-5-8-5	DH Mentorship	DISCUSS Combat Systems Readiness from a Department Head perspective.
2-5-9	Fleet Readiness	TO 2-5-9 Upon completion of this lesson, students should be able to DEMONSTRATE an understanding of day-to-day considerations for Fleet Readiness.
2-4-4-4	Organizing PB4T	E.O. 2-4-4-4.1 LIST the members required to attend PB4T. E.O. 2-4-4-4.2 DESCRIBE the PB4T process and battle rhythm. E.O. 2-4-4-4.3 LIST and DESCRIBE the elements of an effective PB4T. E.O. 2-4-4-4.4 DESCRIBE the role of the Operations Officer in the PB4T process. E.O. 2-4-4-4.5 LIST and DESCRIBE PB4T best practices.
2-4-3-7	Introduction to Fleet OPORDS	EO 2-5-9-2.1 LIST and DESCRIBE the governing references in the AOR to which you will first deploy or get underway.
2-5-9-3	Power Point and Briefing Seminar	DEMONSTRATE effective use of Power Point. DEMONSTRATE effective briefing skills.
2-5-9-4	Personnel Management Seminar	DISCUSS personnel management from a Department Head perspective.
2-5-9-5	CPO Interactions Seminar	DISCUSS Department Head and Chief Petty Officer roles and responsibilities.
2-5-9-6	DH Roundtable Seminar	DISCUSS lessons learned from previous Department Heads.
2-5-10-7	Supply Officer Seminar	DISCUSS Supply considerations for your ship and Department.
2-5-9-8	CO's Expectations	DISCUSS Commanding Officer's expectations for a Department Head.

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		Command, Control, and Communications required to execute the proposed SOE.
		EO 2-5-10.3.4 DEMONSTRATE your ability to write Naval messages.
		EO 2-5-10.3.5 DEMONSTRATE your ability to prepare and present briefs.
2-5-12	Assessments	VALIDATE student learning.
2-5-12-1	Quiz 1	VALIDATE student learning.
2-5-12-2	Quiz 2	VALIDATE student learning.
2-5-12-3	Quiz 3	VALIDATE student learning.
2-5-12-4	Practical Works	VALIDATE student learning.
2-5-12-5	Practical Works Seminar	VALIDATE student learning through briefing Practical Works.
2-5-12-6	Exam Review	PROVIDE an overview of the Surface Warfare test and tips for success.
2-5-12-7	WCS BST Exam	VALIDATE student learning to include Material Readiness Course reachback.
2-5-12-8	WCS BST Exam Debrief	PROVIDE feedback on the Billet Specialty Exam.


 Cell / Module Lead


 Course Supervisor


 SWO/DH (A-4H-0107) CCMM