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**CURRICULUM OUTLINE OF INSTRUCTION  
SURFACE WARFARE OFFICER DEPARTMENT HEAD COURSE  
CIN: A-4H-0107 CDP: 9545**

<b>MODULE 2-2: OPS BILLET SPECIALTY TRAINING</b>		
<b>Lesson #</b>	<b>Topic</b>	<b>Objectives</b>
2-2-1	Deck and 1 <sup>st</sup> LT	<p>TO 2-2-1.1 <b>DESCRIBE</b> the following in relation to the duties and responsibilities of the Operations Officer or First Lieutenant:</p> <ul style="list-style-type: none"> <li>• Major Deck Equipment</li> <li>• Deck Certifications</li> <li>• Boatswain's Mate Manning</li> <li>• Major Deck Evolutions</li> </ul> <p>TO 2-2-1.2 <b>DESCRIBE</b> planning for major deck evolutions and certifications.</p>
2-2-1-1	Deck Machinery	EO 2-2-1-1.1 <b>LIST</b> and <b>DESCRIBE</b> the components, functions, and uses of major deck equipment.
2-2-1-2	MOB-S ASA Checksheets and Deck Bills	<p>EO 2-2-1-2.1 <b>LIST</b> and <b>DESCRIBE</b> the major components and requirements of MOB-S ASA Checksheets.</p> <p>EO 2-2-1-2.2 <b>LIST</b> and <b>DESCRIBE</b> the bills and instructions for Deck programs, including the following specific areas:</p> <ul style="list-style-type: none"> <li>• SAR</li> <li>• MOB-S</li> <li>• Aviation</li> </ul>
2-2-1-3	Corrosion Control	<p>EO 2-2-1-3.1 <b>DESCRIBE</b> proper corrosion inspection and assessment procedures.</p> <p>EO 2-2-1-3.2 <b>LIST</b> and <b>DESCRIBE</b> resources required to execute a shipwide Corrosion Control plan.</p> <p>EO 2-2-1-3.3 <b>DEFINE</b> the CCAT and <b>DESCRIBE</b> their role in Corrosion Control.</p> <p>EO 2-2-1-3.4 <b>DESCRIBE</b> planning required to create and implement a shipwide Corrosion Control plan.</p>
2-2-1-4	Small Boats	EO 2-2-1-1.1 <b>DESCRIBE</b> the requirements for small boat operation and maintenance.
2-2-1-5	SAR	<p>2-2-1-5.1 <b>LIST</b> and <b>DESCRIBE</b> the certification requirements and periodicity for SAR.</p> <p>2-2-1-5.2 <b>LIST</b> and <b>DESCRIBE</b> the SAR Redlines.</p> <p>2-2-1-5.3 <b>DESCRIBE</b> planning required to manage an effective SAR program, including the following considerations:</p> <ul style="list-style-type: none"> <li>• Manning</li> <li>• Schools</li> <li>• AEL</li> <li>• Pool Training</li> <li>• Shipboard Training</li> <li>• Man Overboard Drills</li> </ul>

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		<p>EO 2-2-1-5.4 <b>DESCRIBE</b> the effective employment of the SAR TACAID.</p> <p>1-4-4-1</p> <p>Search and Rescue</p> <p>EO 2-2-1-5.5 <b>LIST</b> the SAR Chain of Command and <b>DESCRIBE</b> their responsibilities.</p> <p>EO 2-2-1-5.6 <b>LIST</b> and <b>DESCRIBE</b> the stages of SAR.</p> <p>EO 2-2-1-5.7 <b>LIST</b> and <b>DESCRIBE</b> the variables of the SAR Equations to determine the probability of detection.</p> <p>EO 2-2-1-5.8 <b>DESCRIBE</b> the Tactical Action Officer's (TAO) actions for the following:</p> <p>Establishing a Datum            Selecting a Search pattern            Asset management (ship &amp; air)            Reporting requirements</p>
2-2-1-6	Anchoring, Mooring, and the Accom Ladder	<p>EO 2-2-1-6.1 <b>LIST</b> and <b>DESCRIBE</b> the major equipment associated with anchoring evolutions.</p> <p>EO 2-2-1-6.1 <b>LIST</b> and <b>DESCRIBE</b> the major equipment associated with anchoring evolutions.</p> <p>EO 2-2-1-6.2 <b>LIST</b> and <b>DESCRIBE</b> foc'sle anchoring procedures.</p> <p>EO 2-2-1-6.3 <b>LIST</b> and <b>DESCRIBE</b> anchoring safety concerns.</p> <p>EO 2-2-1-6.4 <b>LIST</b> and <b>DESCRIBE</b> the major equipment associated with mooring evolutions.</p> <p>EO 2-2-1-6.5 <b>LIST</b> and <b>DESCRIBE</b> deck mooring and line handling procedures.</p> <p>EO 2-2-1-6.6 <b>LIST</b> and <b>DESCRIBE</b> deck mooring and line handling safety concerns.</p> <p>EO 2-2-1-6.7 <b>LIST</b> and <b>DESCRIBE</b> procedures for rigging and stowing the accom ladder.</p> <p>EO 2-2-1-6.8 <b>LIST</b> and <b>DESCRIBE</b> accom ladder safety concerns..</p>
2-2-1-7	STREAM	EO 2-2-1-7.1 <b>DESCRIBE</b> the operation, maintenance, and testing requirements for installed underway replenishment equipment.
2-2-1-8	Deck Manning	EO 2-2-1-8.1 <b>LIST</b> and <b>DESCRIBE</b> Deck and Boatswain's Mate manning requirements including critical NECs and critical schools.
2-2-1-9	Amphibious	EO 2-2-1-9.1 <b>LIST</b> and <b>DESCRIBE</b> the capabilities and limitations of

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<b>Lesson #</b>	<b>Topic</b>	<b>Objectives</b>
	Auxiliaries, Wet Well, and Crane OPS	<p>Navy and Marine Corps Amphibious Auxiliaries.</p> <p>EO 2-2-1-9.2 <b>LIST</b> and <b>DESCRIBE</b> wet well deck procedures.</p> <p>EO 2-2-1-9.3 <b>LIST</b> and <b>DESCRIBE</b> wet well deck safety concerns.</p> <p>EO 2-2-1-9.4 <b>LIST</b> and <b>DESCRIBE</b> crane operating procedures.</p> <p>EO 2-2-1-9.5 <b>LIST</b> and <b>DESCRIBE</b> crane operations safety concerns.</p>
2-2-1-10	Deck INSURV Best Practices	<p>EO 2-2-1-10.1 <b>LIST</b> and <b>DESCRIBE</b> recurring themes in Deck INSURV best practices.</p> <p>EO 2-2-1-10.2 <b>LIST</b> resources available to provide additional Deck INSURV best practices and lessons learned.</p> <p>EO 2-2-1-10.3 <b>LIST</b> and <b>DESCRIBE</b> planning required to be successful in Deck during INSURV material inspections.</p>
2-2-1-11	AVCERT	EO 2-2-1-11.1 <b>DESCRIBE</b> the requirements and preparation for certifying aviation facilities.
2-2-1-12	Helicopter Operations	EO 2-2-1-12.1 <b>DESCRIBE</b> proper shipboard helicopter operation procedures.
2-2-2	OPS General	<p>TO 2-2-2.1 <b>DESCRIBE</b> the responsibilities of the Operations Officer.</p> <p>TO 2-2-2.2 <b>LIST</b> and <b>DESCRIBE</b> the organization of Operations Department including the responsibilities of the various divisions and their leadership.</p>
2-2-2-1	OPS Billet Specialty Review	None. Purpose of lesson is to introduce students to Operations Officer Billet Specialty Training and the schedule for the remainder of the curriculum.
2-2-2-2	OPS Department Organization, References, and Websites	<p>EO 2-2-2-2.1 <b>LIST</b> and <b>DESCRIBE</b> the members of the Operations Departmental organization.</p> <p>EO 2-2-2-2.2 <b>LIST</b> and <b>DESCRIBE</b> the responsibilities of Operations Department and it's key members.</p> <p>EO 2-2-2-2.3 <b>LIST</b> critical Operations Department References.</p> <p>EO 2-2-2-2.4 <b>LIST</b> critical Operations Department Websites.</p>
2-2-2-3	Turnover	<p>EO 2-2-2-3.1 <b>LIST</b> and <b>DESCRIBE</b> the steps of a successful and comprehensive turnover of duties as Operations Officer.</p> <p>EO 2-2-2-3.2 <b>LIST</b> and <b>DESCRIBE</b> the programs requiring inventory prior to turnover.</p> <p>EO 2-2-2-3.1 <b>DESCRIBE</b> the challenges of turning over duties during different types of ship employment, to include:</p> <p>Deployment Basic Phase Extended Maintenance Periods</p>

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		Prior to COMPTUEX or JTFEX
2-2-3	OPS in the Numbered Fleets	<p>TO 2-2-3.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the AOR to which you will first deploy or get underway.</p> <p>TO 2-2-3.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues associated with the AOR to which you will first deploy or get underway.</p> <p>TO 2-2-3.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the AOR to which you will first deploy or get underway.</p>
2-2-3-1	OPS in CTF-80 AOR	<p>EO 2-2-3-1.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the CTF-80 AOR.</p> <p>EO 2-2-3-1.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues in the CTF-80 AOR.</p> <p>EO 2-2-3-1.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the CTF-80 AOR.</p>
2-2-3-2	OPS in C3F AOR	<p>EO 2-2-3-2.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the C3F AOR.</p> <p>EO 2-2-3-2.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues in the C3F AOR.</p> <p>EO 2-2-3-2.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the C3F AOR.</p>
2-2-3-3	OPS in C4F AOR	<p>EO 2-2-3-3.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the C4F AOR.</p> <p>EO 2-2-3-3.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues in the C4F AOR.</p> <p>EO 2-2-3-3.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the C4F AOR.</p>
2-2-3-4	OPS in C5F AOR	<p>EO 2-2-3-4.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the C5F AOR.</p> <p>EO 2-2-3-4.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues in the C5F AOR.</p> <p>EO 2-2-3-4.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the C5F AOR.</p>
2-2-3-5	OPS in C6F AOR	<p>EO 2-2-3-5.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the C6F AOR.</p> <p>EO 2-2-3-5.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues</p>

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		<p>in the C6F AOR.</p> <p>EO 2-2-3-5.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the C6F AOR.</p>
2-2-3-6	OPS in C7F AOR	<p>EO 2-2-3-6.1 <b>LIST</b> and <b>DESCRIBE</b> the governing references in the C7F AOR.</p> <p>EO 2-2-3-6.2 <b>LIST</b> and <b>DESCRIBE</b> the battlespace and OPAREA issues in the C7F AOR.</p> <p>EO 2-2-3-6.3 <b>LIST</b> and <b>DESCRIBE</b> Command and Control challenges, including changes of OPCON and TACON if applicable, in the C7F AOR.</p>
2-2-4	Scheduling	<p>TO 2-2-4.1 <b>CREATE</b> a long range, short range, and plan of the week schedule.</p> <p>TO 2-2-4.2 Given an existing schedule <b>MODIFY</b> a long range, short range, and plan of the week schedule to accommodate changes in operational employment.</p>
2-2-4-1	External and Underway Scheduling	<p>EO 2-2-4-1.1 <b>LIST</b> the external entities associated with a ship's Underway Schedule and <b>DESCRIBE</b> what their respective aspects of the schedule are.</p> <p>EO 2-2-4-1.2 <b>LIST</b> the underway scheduling events and what the requirements for those events are.</p> <p>EO 2-2-4-1.3 <b>DESCRIBE</b> how to schedule underway periods.</p> <p>EO 2-2-4-1.4 <b>DESCRIBE</b> how to schedule underway events.</p> <p>EO 2-2-4-1.5 <b>LIST</b> the external stakeholders associated with a ship's Long Range Schedule and <b>DESCRIBE</b> what their respective aspects of the schedule are.</p> <p>EO 2-2-4-1.6 <b>LIST</b> the scheduling events and what the products of those events are.</p> <p>EO 2-2-4-1.7 <b>DESCRIBE</b> how to prepare for scheduling events.</p> <p>EO 2-2-4-1.8 <b>DESCRIBE</b> deployment scheduling concerns.</p>
2-2-4-2	Websked	<p>EO 2-2-4-2.1 <b>LIST</b> and <b>DEFINE</b> standard Websked terminology.</p> <p>EO 2-2-4-2.2 <b>DESCRIBE</b> the process for submitting Websked proposals.</p> <p>EO 2-2-4-2.3 <b>LIST</b> and <b>DESCRIBE</b> Websked best practices.</p>
2-2-4-3	Internal Ship Scheduling	<p>EO 2-2-4-3.1 <b>LIST</b> and <b>DESCRIBE</b> long and short range scheduling considerations.</p>

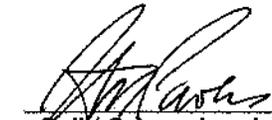
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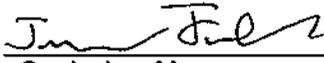
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		EO 2-2-4-3.2 <b>LIST</b> and <b>DESCRIBE</b> internal schedule stakeholders.  EO 2-2-4-3.3 <b>DESCRIBE</b> the impact of special and infrequent events on the internal schedule.
2-2-4-4	Organizing PB4T	EO 2-2-4-4.1 <b>LIST</b> the members required to attend PB4T.  EO 2-2-4-4.2 <b>DESCRIBE</b> the PB4T process and battle rhythm.  EO 2-2-4-4.3 <b>LIST</b> and <b>DESCRIBE</b> the elements of an effective PB4T.  EO 2-2-4-4.4 <b>DESCRIBE</b> the role of the Operations Officer in the PB4T process.  EO 2-2-4-4.5 <b>LIST</b> and <b>DESCRIBE</b> PB4T best practices.
2-2-5	Managing Programs and Events	TO 2-2-5.1 Given the appropriate references, <b>LIST</b> and <b>DESCRIBE</b> the key requirements for managing Operations evolutions and programs.
2-2-5-1	Managing DRRS-N	EO 2-2-5-1.1 <b>LIST</b> and <b>DESCRIBE</b> the key requirements for managing DRRS-N.  EO 2-2-5-1.2 <b>LIST</b> and <b>DESCRIBE</b> DRRS-N best practices.
2-2-5-2	Managing Air Controllers	EO 2-2-5-2.1 <b>LIST</b> and <b>DESCRIBE</b> the key requirements for managing an air control program.  EO 2-2-5-2.2 <b>LIST</b> and <b>DESCRIBE</b> the resources available to assist in managing an effective air control program.  EO 2-2-5-2.3 <b>LIST</b> and <b>DESCRIBE</b> air control best practices.
2-2-5-3	Managing the Safety Program	EO 2-2-5-3.1 <b>LIST</b> and <b>DESCRIBE</b> the key requirements for managing the Navy Safety and Occupational Health Program.  EO 2-2-5-3.2 <b>LIST</b> and <b>DESCRIBE</b> the resources available to assist in managing an effective Safety Program.  EO 2-2-5-3.3 <b>LIST</b> the members of an effective shipboard Safety Team and <b>DESCRIBE</b> their roles and responsibilities.  EO 2-2-5-3.4 <b>LIST</b> and <b>DESCRIBE</b> Safety Program best practices.
2-2-5-4	Organizing OPS/Intel	EO 2-2-5-4.1 <b>LIST</b> and <b>DESCRIBE</b> the elements of an effective OPS/Intel Brief.  EO 2-2-5-4.2 <b>LIST</b> and <b>DESCRIBE</b> OPS/Intel best practices.
2-2-5-5	Managing Operations Evolutions	EO 2-2-5-5.1 <b>LIST</b> and <b>DESCRIBE</b> the procedures and requirements for Operations Evolutions.  EO 2-2-5-5.2 <b>LIST</b> and <b>DESCRIBE</b> best practices for preparing for and executing Operations Evolutions.

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Cell / Course Lead

  
Curriculum Manager  
19 MAR 13

  
Director  
25 MAR 13

Points of Contact		
<b>LCDR Jon Powers</b> OPS BST Lead	<a href="mailto:jonathan.powers@navy.mil">jonathan.powers@navy.mil</a>	(401) 841-4043
<b>LCDR Jason Ward</b> 1LT BST Lead	<a href="mailto:jason.ward@navy.mil">jason.ward@navy.mil</a>	(401) 841-4027
<b>LCDR John Benda</b> OPS/1LT Instructor	<a href="mailto:john.benda@navy.mil">john.benda@navy.mil</a>	(401) 841-4027
<b>LCDR Ryan O'Loughlin</b> OPS Instructor	<a href="mailto:ryan.o'loughlin@navy.mil">ryan.o'loughlin@navy.mil</a>	(401) 841-4984
<b>LCDR Adam McLeod</b> OPS Instructor	<a href="mailto:Adam.mcleod@navy.mil">Adam.mcleod@navy.mil</a>	(401) 841-4963
<b>LT Dustin Miller</b> 1LT Instructor	<a href="mailto:dustin.j.miller@navy.mil">dustin.j.miller@navy.mil</a>	(401) 841-1080

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