

Operational Readiness, Training and Engineering

Group 2: Core

Module 3: Material Readiness

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"P" Works Homework Assignment		15%
DHMRC Quiz(es)		20%
- Quiz 1		6.7%
- Quiz 2		6.7%
- Quiz 3		6.7%
DHMRC Exam (2 hours Perception= 100% of exam)		65%
<u>MRC References.</u>		
ALL required readings are located in the Material Readiness Reference Folder. Material Readiness Reference Folder location: SIPR L:\N73_Lessons\ORTE\3-Material Readiness		
<u>MRC Practical Works (P-Works)</u>		
ALL P-Works are required to be completed prior to the associated lecture.		
2-3-1 Material Readiness Lectures		
	Topic:	Time Req'd
	2-3-1-1 Introduction to Material Readiness	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	MRC syllabus	15 minutes
	2-3-1-2 3M Organization and Assessments	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	COMNAVSURLANT/PACINST 4790.1G 3M Program	
	COMNAVSURLANT/PACINST 4790.2 CH-1 3M Assessment and Certification Program	
	NAVSEAINST 4790.8C Section 1 Chapters 1-4, Appendix F and Appendix H	
	Practical Works (P-Works): 3M P-Works	.5 hour
	2-3-1-3 Introduction to SKED	1.0 hour
	Homework/Read Ahead Assignments:	

	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	NAVSEAINST 4790.8C Section 1 Chapter 2	
	Practical Works (P-Works): 3M P-Works	.5 hour
2-3-1-4	Intro to OMMS NG	1.5 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	NAVSEAINST 4790.8C Section1 Chapter 2 and 3	
	COMNAVSURLANT/PACINST 4790.1G 3M Program	
	COMNAVSURLANT/PACINST 4790.2 CH-1 3M Assessment and Certification Program	
2-3-1-5	43P1 Overview	1.5 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	NAVSEAINST 4790.8 Section1 Chapter 2 and 3	
	COMNAVSURLANT/PACINST 4790.1G 3M Program	
	COMNAVSURLANT/PACINST 4790.2 CH-1 3M Assessment and Certification Program	
	Practical Works (P-Works): 3M P-Works	.5 hour
2-3-1-6	Spot Checks	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	COMNAVSURLANT/PACINST 4790.1 series 3M Program	
	COMNAVSURLANT/PACINST 4790.2 CH-1 3M Assessment and Certification Program	
	Practical Works (P-Works): No	
2-3-1-7	Zone Inspection	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	COMNAVSURFORINST 3120.1 Series Zone Inspections	
	COMNAVSURFOR SAN DIEGO, CA 052046ZAUG08 -Zone Inspection message (Back to Basics)	
2-3-1-8	CSMP and Eight O'clock Reports	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	COMFLTFORCOMINST 4790.3 Series	
	Volume VI, Chapter 19 (Maintenance and Material Management), Chapter 33 (MMBP), Chapter 41(Maintenance Team)	
2-3-1-9	Gauge Calibration and Test Equipment	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	NAVSEAINST 4734.1B NAVSEA TMDE and Calibration Programs	
2-3-1-10	Tag Out	1.0 hour

	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	Tag Out Users Manual (TUM) NAVSEA S0400-AD-URM-010/TUM	
2-3-1-11	2M	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	OPNAVINST 4700.7 series Maintenance Policy for U.S. Navy Ships	
	CFFCINST 4790.3 series, VOL VI, CHP 8, SUBJ: 2M	
	ELECTRONIC REPAIR PROGRAM	
2-3-1-12	Corrosion Control Seminar	1.0 hour
	Homework/Read Ahead Assignments: Corrosion Control	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: NSTM 631 Vol 1, Section 1 and 2	
	NSTM 631 Vol 2, Section 5 and 6	
	NSTM 631 Vol 3, Section 8	
	NSTM 633, Section 1, 2, and 6	
	634-7.7.3 Peel & Stick Non-Skid System	
	Corrosion Control Best Practices Messages #1, #2, and #3	
	Topside Appearance Message	
	MIP 6300/001 S-1	
	Practical Works (P-Works): Corrosion Control	1.0 hour
2-3-1-13	Valve Maintenance Seminar	1.0 hour
	Homework/Read Ahead Assignments: Valve Maintenance	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	NSTM 505	
	Machinist's Mate 3 & 2, Chapter 10	
	JFMM	
	NAVSEA S6430-AE-TED-010, Technical Directive, Piping Devices, Flexible Hose Assemblies	
	Practical Works (P-Works): Valve Maintenance P-Works	1.0 hours
2-3-1-14	Antenna Maintenance	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: N/A	
2-3-1-15	CSOSS Seminar	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	CSOSS User's Guide Book 3	
	Practical Works (P-Works): YES	2.0 hours
2-3-1-16	CSOSS Support Systems	1.0 hour
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	Electronic CSOSS (R:/CSOSS)	

	2-3-1-17 Material Readiness Programs Seminar	2.0 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing:	
	INSURVINST 4730.1F-Board of Inspection and Survey	
	BOARD OF INSPECTION AND SURVEY INSTRUCTION 4730.21J	
	Air Warfare Area Defense (AD) Detect to Engage (DTE), Self Defense (SD) DTE and Long Range Air Search Radar Performance Demonstrations	
	OPNAV INSTRUCTION 4730.5Q - Trials And Material Inspections (MI) Of Ships Conducted By The Board Of Inspection and Survey	
	Warfighting Improvement Program (WFIP) 52H	
	COMNAVSURFPAC/LANT INST 3500.10 Readiness Evaluations (READ-E)	
	COMNAVSURFPAC/LANT INST 4700.1A Total Ship's Readiness Assessment (TSRA)	
	Practical Works (P-Works): TSRA, READ-E & INSURV P-Works	1.5 hours
2-3-1 Labs		
	Topic:	Time Req'd
	2-2-2-1 SKED Lab	1.5 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: N/A	
	2-3-1-2 OMMS-NG Lab	1.5 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: N/A	
	2-3-1-3 Spotcheck Practical	3 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: N/A	
2-3-1 Guest Lecturers		
	Topic:	Time Req'd
	2-3-1-1 Maintenance University (MU)	16 hours
	Homework/Read Ahead Assignments:	
	CBT Lesson(s): N/A	
	Required Reading / Viewing: N/A	
2-3-1 Material Readiness Assessments		
	Topic:	Time Req'd
	Homework (Total)	7 hours
	Assignment #1 3M	1.5 hours
	Assignment #2 Corrosion Control	1 hour
	Assignment #3 Valve Maintenance	1 hour
	Assignment #4 CSOSS	2.0 hours
	Assignment #5 Material Readiness Programs	1.5 hours
	DHMRC Quizzes	3 hours
	Quiz #1	1 hour
	Quiz #2	1 hour

	Quiz #3	1 hour
	DHMRC Final	2 hours