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LONG RANGE TRAINING PLAN

1. The following lecture or discussion topics will be scheduled by the Training Board to fulfill the requirements of the Long Range Training Plan.
2. Topics identified by a "(P)" are practical rather than lecture sessions. Some of these subjects are to be completed by each officer as time is available to him. Those subjects will be scheduled by the indicated supervisor:

- | | Date completed/SWO initial |
|---|----------------------------|
| A. <u>Small Arms</u> | |
| A-1 Small Arms Indoctrination | |
| A-2 (P) Small Arms Firing | |
| C. <u>Communications</u> | |
| C-1 Navy Communications System | |
| C-2 Communications Equipment - capabilities & limitations | |
| C-3 Message Drafting | |
| C-4 Message Handling | |
| D. <u>Damage Control/NBC Warfare</u> | |
| D-1 Types of bursts, their effects and counters | |
| D-2 NBC Shipboard defensive action | |
| D-3 BW & CW effects and defense | |
| D-4 Shipboard firefighting | |
| D-5 (P) Use of firefighting equipment | |
| D-6 Operation of decontamination stations | |
| D-7 Radiation monitoring | |
| D-8 Establishment of MPE casualty dose | |
| D-9 The damage control organization | |
| D-10 Basic/Theoretical damage control | |
| D-11 Counter flooding equipment technique | |
| D-12 Ships casualty systems | |
| E. <u>Electronics</u> | |
| E-1 Major electronic equipment | |
| E-2 PMS | |
| E-3 Electronic equipment capabilities & limitations | |
| E-4 Surface search radar | |
| F. <u>First Aid</u> | |
| F-1 Venereal disease control | |
| F-2 Personal & dental hygiene | |
| F-3 Use of items in first aid boxes | |
| F-4 Basic first aid - shock & hemorrhage control | |
| F-5 Bandaging | |
| F-6 Artificial respiration | |
| F-7 Route to battle Dressing & decontamination stations | |
| F-8 Casualty carrying methods | |
| F-9 Nuclear, Biological, and Chemical decontamination | |

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LONG RANGE TRAINING PLAN (CONT'D)

- | | Date completed/SWO initial |
|---|----------------------------|
| G. <u>Weapons</u> | |
| G-1 Sonar/ASW capabilities and limitations | _____ |
| G-2 Fire control capabilities and limitations | _____ |
| G-3 Installed ordnance | _____ |
| G-4 Torpedo attack procedures | _____ |
| I. <u>Intelligence</u> | |
| I-1 The need for intelligence | _____ |
| I-2 Documents and publications | _____ |
| I-3 Collection | _____ |
| I-4 Reporting | _____ |
| I-5 Pre-arrival port intelligence briefing | _____ |
| J. <u>Honors and Ceremonies</u> | |
| J-1 Passing honors | _____ |
| J-2 Sideboys | _____ |
| J-3 Boat honors | _____ |
| L. Leadership - lectures will be taken from NAVPERS 10915 series as required. | |
| M. <u>Supply</u> | |
| M-1 Requisition procedures | _____ |
| M-2 Inventory procedures | _____ |
| M-3 COSAL | _____ |
| M-4 Survey procedures | _____ |
| M-5 Commissary operations | _____ |
| M-6 Disbursing | _____ |
| N. <u>Navigation (Supervision - Navigator)</u> | |
| N-1 (P) Coastal piloting | _____ |
| N-2 (P) Piloting (Restricted Waters) | _____ |
| N-3 (P) Celestial navigation | _____ |
| N-4 (P) Loran navigation | _____ |
| S. <u>Shiphandling/Seamanship</u> | |
| S-1 Rules for prevention of collision | _____ |
| S-2 Lights and buoys | _____ |
| S-3 Whistle and fog signals | _____ |
| S-4 Seamanship (Towing, replenishing, mooring) | _____ |
| S-5 (P) Shiphandling | _____ |
| V. <u>Tactical School</u> | |
| V-1 Maneuvering board (Lecture & practical work)
(Six sessions) | _____ |
| V-2 Tactics (Four sessions) | _____ |
| V-3 Rescue/Destroyer operations | _____ |
| V-4 ASW (Four sessions) | _____ |
| V-5 AAW (Four sessions) | _____ |

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LONG RANGE TRAINING PLAN (CONT'D)

- V-6 Shiphandling theory
- V-7 Fireroom orientation
- V-8 Engineroom orientation
- V-9 Auxiliary equipment orientation
- V-10 (P) Voice radio drill
- V-11a Visual signal procedures - Flashing light
- V-11b Visual signal procedures - Flag hoist
- V-11c (P) Visual signal drill - Flashing light
- V-11d (P) Visual signal drill - Flag hoist
- V-12 (P) ATP 1 (Vol 2) (Four sessions)
- V-13 (P) ATP3
- V-14 Sinuous course clock
- V-15 Sinuous course steering (P)
- V-16 Recognition
- V-17a Theory of electronic warfare
- V-17b Electronic Warfare capability
- V-17c Electronic Warfare Procedures
- V-17d (p) Electronic warfare operations

Y. Crypto Board

- Y-1 Current crypto requirements
Y-2 (P) Crypto board training

2. Engineering

- Z-1 Main Steam
- Z-2 Turbo steam
- Z-3 Auxiliary steam
- Z-4 The 150# system
- Z-5 Fireroom equipment & machinery (2 sessions)
- Z-6 Engineerroom equipment & machinery (2 sessions)
- Z-7 Fuel oil systems
- Z-8 Feed water systems

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TABLE OF MINIMUM FORMAL SCHOOLING

X - Desirable
M - Mandatory
W - When Applicable

The following table indicates the minimum formal school for all officers and every effort will be made to provide the opportunity to attend. Additional schools pertaining to departmental training will be scheduled as requested by department heads.

	Officer Basic NBC	ABC Indoctrination C-420	Prospective Engineering Officer	Basic Inst for Prospective OOD	Celestial Navigation	Emergency Shiphandling (10 Wks)	Officers Damage Control Schol, SI	Nuclear Weapons Orientation	ASW Officer	Deck Watch Officer ASW	Intelligence	Prospective Comm Officers Course
Commanding Officer								M				
Executive Officer						X		M				
Operations Officer		X			X	X		M		X	M	
Communications Officer		X		W		X		M		M		M
CIC Officer		X		W		X		M			X	
Electronics Officer		X		W		X		M		X		
Weapons Officer	X	X			X	X		M	X	X		
ASW Officer	X	X		W		X		M	M			
First Lieutenant	X	X		W		X		M	X	X		
Gunnery Assistant	X	X		W		X		M				
Engineering Officer	M		W		X	X		M		M		
Main Propulsion Ass't	M		W	W		X	W	M				
Damage Control Ass't	M		X	W		X	M	M				
Supply Officer		X				X		M				

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REF ID: A66110

	Off-Line Cryptograph	Basic Warfare Course for SEN Officers	Off Elect Warfare CRS	Aircraft Control	Anti-Sub Air Control	Anti-Air Warfare Senior Officers	CO/XO ASW Tactical Course	Shipboard Fire Fighting	CIC Watch Officers Course	CO/XO ASW Refresher	Military Justice	Electronics Material Officer	Operations in Coordinated ASW	Command in Coordinate ASW
Commanding Officer		M				X	X			X				X
Executive Officer		M				X	X			X			X	X
Operations Officer	X	M	X	X	X	X	X	X	X		X	X	X	
Communications Officer	M		X	X				X	X		X		X	
CIC Officer	M		M	M	M			X	M		X	X	X	
Electronics Officer	M		M	M				X	X		X	M		
Weapons Officer	X		X					X	X		X		X	
ASW Officer	X		X					X	X		X		X	
First Lieutenant	X		X					X	X		X			
Gunnery Assistant	X				M			X	X		X			
Engineering Officer	X		X					X	X		X		X	
Main Propulsion Ass't	X		X					X	X		X			
Damage Control Ass't	X		X					X	X		X			
Supply Officer	M							M			X			

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RECORD OF SCHOOLS AND COURSES

NAME _____ RANK _____ FILE NO. _____

Schools

<u>School</u>	<u>Location</u>	<u>Duration</u>	<u>Completed</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Correspondence courses

<u>Course</u>	<u>Subject</u>	<u>Completed</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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GENERAL TRAINING PHASE (CONT'D)

<u>Assign No.</u>	<u>Date Completed</u>	<u>SWO Initial</u>
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____

Final Average Grade _____ SWO Signature _____

b. Record of completion of correspondence course "Navy Regulations"
(NAVPERS 10740-A)

<u>Assign No.</u>	<u>Date</u>	<u>SWO Initial</u>	<u>Assign No.</u>	<u>Date</u>	<u>SWO Initial</u>
1	_____	_____	7	_____	_____
2	_____	_____	8	_____	_____
3	_____	_____	9	_____	_____
4	_____	_____	10	_____	_____
5	_____	_____	11	_____	_____
6	_____	_____			

Final Average Grade _____

(Senior Watch Officer)

c. Record of completion of correspondence course "Security of Classified
Matter".

<u>Assign No.</u>	<u>Date</u>	<u>SWO Initial</u>	<u>Assign No.</u>	<u>Date</u>	<u>SWO Initial</u>
1	_____	_____	3	_____	_____
2	_____	_____	4	_____	_____

(Senior Watch Officer)

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3. _____ has successfully completed all portions
of the General Training Phase on _____.

(Executive Officer)

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WATCH QUALIFICATION

NAME _____ RANK/RATE _____ FILE NO. _____

1. OOD In-Port

a. Required reading

- (1) Watch Officers Guide
- (2) The Ship's Daily Routine
- (3) OOD Standing Instructions
- (4) Tide and Current Tables
- (5) Instructions for Writing the Log (NAVPERS 15876)

b. The above named officer has demonstrated his knowledge of:

- (1) Boat Capacity, etiquette, and signals
- (2) Naval Honors and Ceremonies
- (3) Quarterdeck etiquette and customs
- (4) Procedures when stores are received
- (5) Procedures for making 0800, 1200, and 2000 reports
- (6) Safety Precautions and restrictions
 - (a) Handling ammunition
 - (b) Receiving fuel
 - (c) Men working aloft
 - (d) Small boats
- (7) Procedures for
 - (a) Hoisting and lowering the boats
 - (b) Using the LMC
 - (c) Handling prisoners or men returned to the ship
 - (d) Receipt and detachment of personnel
 - (e) Emergencies with all hands aboard or a duty section only

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WATCH QUALIFICATION (CONT'D)

- (f) Blowing Tubes
- (g) Writing the Deck Log
- (h) Putting out additional wires to buoys forward and aft
- (i) Heavy weather

c. The above named officer has demonstrated his ability to

(1) Take visual bearings and radar ranges and, using them, fix the ship's position on a chart

- (2) Determine if the ship's anchor is dragging
- (3) Let go or weigh anchor and rouse out chain
- (4) Determine proper strain on mooring lines
- (5) Station and instruct sideboys

(Date)

(Senior Watch Officer)

d. Having successfully demonstrated your ability to perform the functions of OOD In-Port you are hereby recommended to be qualified as such.

(Date)

(Executive Officer)

2. CIC Watch Officer

a. Required Reading

- | | |
|--------------------------------------|-----------------------------------|
| (1) CIC Doctrine, USS FRANK E. EVANS | (9) STP-1 (Vol 1&2) |
| (2) NWP-31A and 33 | (10) Current SOP for AAW |
| (3) NWIP 24-2 | (11) Current SOP for ASW |
| (4) JANAP 119 | (12) CIC OFFICER (NAVPERS 10823A) |
| (5) NWP-37B | (13) ACP 125 |
| (6) FXP 3-A | (14) ACP 165 |
| (7) FXP 1-B | (15) ATP-3 |
| (8) ACP 160 | (16) Duttons (Radar Piloting) |

ENCLOSURE (1)

WATCH QUALIFICATION (CONT'D)

b. The above named officer has demonstrated a knowledge of:

- (1) The general format of any operation order
- (2) The function of all equipment in CIC
- (3) The capabilities and limitations of all installed radar
- (4) The computation of radar acquisition range based on target height
- (5) GEOREF and other coordinate systems in use.

(Date)

(CIC Officer)

c. The above named officer has demonstrated an ability to:

- (1) Navigate using radar information
- (2) Operate all the equipments in CIC
- (3) Solve all types of maneuvering board problems
- (4) Organize an effective Communications set up in CIC
- (5) Initiate Organization for an ASW problem
- (6) Assist OOD in Man Overboard Problem

(Date)

(CIC Officer)

d. Having successfully completed the requirements set forth above you are hereby recommended for qualification as CIC Watch Officer.

(DATE)

(Senior Watch Officer)

3. OOD (Independent)

a. Required Readings

- | | |
|-----------------------------------|------------------------------------|
| (1) Ship's Organization Book | (4) Captains Standing Night Orders |
| (2) Battle Organization Book | (5) NWP - 50A |
| (3) Ship's Instructions & Notices | (6) CINCPACFLT Regulations |

TOP SECRET

WATCH QUALIFICATION (CONT'D)

- | | |
|--|--|
| (7) COMCRUDESPAC Regulations | (11) Naval Shiphandling (Crensha) |
| (8) Watch Officers Guide | (12) General Orders 15, 18 & 21 |
| (9) Rules of the Nautical Road (Farwell) | (13) Rules for Prevention of Collision at Sea (USCG) |
| (10) Duttons | (14) Knights Modern Seamanship |

b. Practical Factors	Completed	SWO Initial
(1) TWO Burner Watches	_____	_____
(2) TWO Throttle Watches	_____	_____
(3) Inspect Boiler	_____	_____
(4) Let Go Anchor (Foc'sle)	_____	_____
(5) Weigh Anchor (Foc'sle)	_____	_____
(6) Motor Whale Boat Coxswain	_____	_____
(7) OOD for Man Overboard	_____	_____
(8) Basic Piloting	_____	_____
(9) Dead Reckoning	_____	_____
(10) Radar Navigation	_____	_____
(11) OOD During Steering Casualty Drill	_____	_____
(12) OOD During Gyro Casualty Drill	_____	_____
(13) OOD Fire at Sea Drill	_____	_____
(14) OOD Collision/Flooding Drill	_____	_____
(15) VDS/BT/Fanfare Operation	_____	_____

c. After completion of all required readings and practical factors the candidate for qualification as OOD (I) will be examined by a board consisting of the Commanding Officer, Executive Officer, Operations Officer, Engineer Officer and Weapons Officer to determine qualification as OOD(I).

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WATCH QUALIFICATION (CONT'D)

4. OOD (Fleet)/Command Duty Officer

a. Required Reading

- | | |
|--|--------------------------------------|
| (1) ATP-1(A) Volume 1 | (11) Ships Communication Doctrine |
| (2) ATP-1(A) Volume 2 | (12) Ships CIC Doctrine |
| (3) ACP-125 | (13) COMFIRSTFLT OpOrder 201-Yr |
| (4) ACP-129 | (14) COMSEVENTHFLT OpOrder 201-Yr |
| (5) DNC-27 | (15) Commander ASW Force Pacific SOP |
| (6) ATP-3 | (16) Ships ASW Doctrine |
| (7) PACFLT Regulation | |
| (9) NWP 33 | |
| (10) Main Propulsion Plant DD445 and 692 classes and converted types
Operations Manual - U. S. Navy Bureau of Ships | |

b. Practical Factors

	<u>Completed</u>	<u>XO Initial</u>
(1) Tested on Ability to read flag hoists	_____	_____
(2) Tested on Ability to read 5 words/min of flashing light	_____	_____
(3) Navigate to anchorage	_____	_____
(4) Anchor Ship	_____	_____
(5) Get Ship Underway from Anchorage	_____	_____
(6) Mooring Alongside Mast or Pier	_____	_____
(7) Get ship Underway from Mast or Pier	_____	_____
(8) Mooring to Buoy	_____	_____
(9) Get Ship Underway from Buoy	_____	_____
(10) Conning Ship in Life Guard Station	_____	_____
(11) Make Fueling or Replenishment Underway Approach	_____	_____

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WATCH QUALIFICATION (CONT'D)

- | | | |
|---|-------|-------|
| (12) Weeks' work in Navigation | _____ | _____ |
| (13) Maneuver the ship during formation tactics | _____ | _____ |
| (14) Conduct ASW attack from Sonar | _____ | _____ |
| (15) Conduct ASW attack as Evaluator | _____ | _____ |
| (16) ASW OOD | _____ | _____ |

C. After completion of all required readings and practical factors the candidate for qualification as OOD(F)/CDO will be examined by a board consisting of the Commanding Officer, Executive Officer, Operations Officer, Engineer Officer, and Weapons Officer to determine qualification as OOD(F)/CDO.

Command at Sea Qualification and Special Programs - These will be undertaken by individual officers with the concurrence of the Commanding Officer. In view of the varied requirements of individuals no set program is established for this phase and the officer concerned will be expected to establish his own program to fill his needs. The ultimate goal is the orderly progress towards DESTROYER COMMAND QUALIFICATION.