



COMMANDER SUBMARINE FORCE, U.S. ATLANTIC FLEET
TAKES PLEASURE IN RECOGNIZING

LTJG J. L. BLEVINS, USN

UNITED STATES NAVY

FOR HAVING SATISFIED THE DEMANDING TECHNICAL AND
PROFESSIONAL REQUISITES, AND DEMONSTRATING A
THOROUGH AND PROFICIENT KNOWLEDGE IN SUBMARINES
AND SUBMARINE OPERATIONS ON BOARD THE

USS HENRY L. STIMSON (SSBN 655)
3 OCT 77

I HEREBY CERTIFY THE ABOVE NAMED OFFICER IS
ENTITLED TO WEAR THE GOLD DOLPHINS OF A UNITED
STATES NAVY SUBMARINE, AND IS HEREBY DESIGNATED.

"QUALIFIED IN SUBMARINES"

Kenneth M. Carr

KENNETH M. CARR
VICE ADMIRAL U. S. NAVY

QUALIFICATION AS OFFICER OF THE DECK (SURFACED)

Prerequisites:

A. Qualified as Diving Officer.

I. References:

1. Navy Regulations
2. Ship's Organization and Regulation Manual
3. Ship's Operating Procedures
4. C. O.'s Standing Orders
5. CG-169 (Rules of the Road)
6. Fleet/Force/Group/Squadron/Ship Instructions and Operation Orders
7. ATP-1
8. H. O. 9 - BOWDITCH
9. Watch Officers Guide
10. Safety Center Notes
11. NAVSHIPS Technical Manual - Chapter 62A
12. Oil Pollution Act
13. Trial Characteristic Documents
14. FXP-1
15. International Code of Signals.

II Requirements:

A. Theoretical and practical.

1. Demonstrate a thorough knowledge of the following.

Practical Factors:

1. Rig Bridge for dive and surface. (NAV/WEPS)
2. Operate Bridge IC Systems. (SWO)
3. Act as plot coordinator in accordance with reduced visibility bill. (NAV)
4. Act as line handling supervisor. (WEPS)
5. Demonstrate ability to react properly to various casualty (XO)
6. Demonstrate the knowledge of seamanship and navigation specified by CNO (COMSUBLANTINST-3530.7) (NAV)
7. Man overboard recovery. (NAV)
8. Conn ship in restricted waters. (NAV)
9. Landing and underway. (SWO)
10. Anchoring. (NAV)

| DATE | SIGNATURE |
|-----------|-------------|
| 29 Jun 77 | [Signature] |
| 23 Jul 77 | [Signature] |
| 26 Aug 77 | [Signature] |
| 29 Sep 77 | [Signature] |
| 22 Sep 77 | [Signature] |
| 27 Aug 77 | [Signature] |
| 14 Sep 77 | [Signature] |
| 23 Jun 77 | [Signature] |
| 22 Jun 77 | [Signature] |
| 14 Sep 77 | [Signature] |

Discussion and Examination Topics:

1. Rules of the road. (NAV)
2. Topside Safety. (WEPS)

| DATE | SIGNATURE |
|-----------|-------------|
| 28 Aug 77 | [Signature] |
| 28 Jul 77 | [Signature] |

Enclosure (1)

SSBN655INST 1510.2B
5 AUG 1975

3. Pre- and Post-watch relief procedures (SWO)
4. Steering systems. (DCA)
5. Indicator systems (compass, rudder, annunciator) (OPS)
6. OOD/NAV/XO/CO/EOOW command relationships. (SWO)
7. Reports required. (SWO)
8. Casualty/Emergency Procedures (Surfaced) (SWO)
9. Heavy weather considerations. (NAV)
10. Navigation. (piloting). (NAV)
11. Communication requirements and capabilities. (OPS)
12. Honors and Ceremonies. (NAV)
13. Harassment procedures. (OPS)
14. Use of radar. (OPS)
15. Weapon system safety consideration and routines. (WEPS)
16. Electronic emission control. (OPS)

| | |
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| 24 AUG 77 | <i>[Signature]</i> |
| 23 AUG 77 | <i>[Signature]</i> |
| 23 AUG 77 | <i>[Signature]</i> |
| 24 AUG 77 | <i>[Signature]</i> |
| 14 AUG 77 | <i>[Signature]</i> |
| 26 AUG 77 | <i>[Signature]</i> |
| 23 AUG 77 | <i>[Signature]</i> |
| 27 AUG 77 | <i>[Signature]</i> |
| 13 AUG 77 | <i>[Signature]</i> |
| 24 AUG 77 | <i>[Signature]</i> |
| 26 AUG 77 | <i>[Signature]</i> |
| 9 AUG 77 | <i>[Signature]</i> |
| 31 AUG 77 | <i>[Signature]</i> |
| 4 AUG 77 | <i>[Signature]</i> |

B. Instruction Watches (2):

| | | |
|-----|------------------|---------------------------|
| (1) | <u>22 Jul 77</u> | <u><i>[Signature]</i></u> |
| | DATE | SIGNATURE (OOD) |
| (2) | <u>23 Jul 77</u> | <u><i>[Signature]</i></u> |
| | DATE | SIGNATURE (OOD) |

C. Examinations:

1. Written examination/Recommendation.
2. Designated Qualified.
3. Qualification Book Entry made.

| | |
|-------------------|---------------------------|
| <u>22 SEP 77</u> | <u><i>[Signature]</i></u> |
| DATE | Senior Watch Officer |
| <u>22 SEP 77</u> | <u><i>[Signature]</i></u> |
| DATE | Commanding Officer |
| <u> </u> | <u><i>[Signature]</i></u> |
| DATE | Executive Officer |

QUALIFICATION REQUIREMENTS FOR DESIGNATION
QUALIFIED IN SUBMARINES

Prerequisites:

- | | | |
|---|--------------------------|---|
| a. Qualified Officer of the Deck (Surfaced) | <u>22 SEP 77</u> DATE | <u><i>Y. Ramsey</i></u> (SWO) |
| b. Qualified Officer of the Deck (Submerged) | <u>22 SEP 77</u> DATE | <u><i>Y. Ramsey</i></u> (SWO) |
| c. Qualified as Diving Officer of the Watch | <u>21 AUG 77</u> DATE | <u><i>J. T. ...</i></u> Diving Officer |
| d. Qualified as Inport Duty Officer | <u>22 SEP 77</u> DATE | <u><i>Y. Ramsey</i></u> (SWO) |
| e. Qualified as Engineering Officer of the Watch in accordance with SSBN655ENGDEPT INST 1510.1 (Series) (Nuclear Trained Officers only) | | <u>28 Aug 76</u> <u><i>D. M. ...</i></u> |

(If candidate is not nuclear trained, complete sections 1&2 below. Officers qualified as engineer officer of the watch complete section 2 only)

I. References

1. Ship's Organization and Regulation Manual
2. Fleet/Force/Squadron/Ship Instructions
3. ATP-1
4. Watch Officer's Guide
5. H.O. 9 - BOWDITCH
6. Ship's Information Book
7. Sonar Watchstanders Notebook (COMSUBLANTINST 01510.4 Series)
8. Submarine Electronic Installations (NAVPERS 16166B)
9. Approach and Attack Manual (NAVPERS 10101)
10. Submarine Passive ECM System (NAVSHIPS 0967-037-2120)
11. S-5W Reactor Plant Manual (NAVSHIPS 389-0049)
12. Nuclear Weapons Manual (COMSUBLANTINST S8110.1)
13. Department Equipment Operating Instructions

II. Requirements.

- a. Theoretical and practical.

(1) Demonstrate a thorough knowledge of the following:

SECTION 1 - ENGINEERING

- a. Be able to discuss what routine critical checks are performed and any restrictions placed on the OOD during these checks. Know inherent dangers associated with each check.

DATE

N/A
ENGINEER OFFICER

Enclosure (7)

QUALIFICATION REQUIREMENTS FOR DESIGNATION
QUALIFIED IN SUBMARINES

Prerequisites:

- | | | |
|---|--------------------------|---|
| a. Qualified Officer of the Deck (Surfaced) | <u>22 SEP 77</u> DATE | <u><i>G. Ramsey</i></u> (SWO) |
| b. Qualified Officer of the Deck (Submerged) | <u>22 SEP 77</u> DATE | <u><i>G. Ramsey</i></u> (SWO) |
| c. Qualified as Diving Officer of the Watch | <u>21 AUG 77</u> DATE | <u><i>J. Taylor</i></u> Diving Officer |
| d. Qualified as Inport Duty Officer | <u>22 SEP 77</u> DATE | <u><i>G. Ramsey</i></u> (SWO) |
| e. Qualified as Engineering Officer of the Watch in accordance with SSBN655ENGDEPT INST 1510.1 (Series) (Nuclear Trained Officers only) | <u>28 AUG 76</u> | <u><i>D. W. Lambert</i></u> |

(If candidate is not nuclear trained, complete sections 1&2 below. Officers qualified as engineer officer of the watch complete section 2 only)

I. References

1. Ship's Organization and Regulation Manual
2. Fleet/Force/Squadron/Ship Instructions
3. ATP-1
4. Watch Officer's Guide
5. H.O. 9 - BOWDITCH
6. Ship's Information Book
7. Sonar Watchstanders Notebook (COMSUBLANTINST 01510.4 Series)
8. Submarine Electronic Installations (NAVPERS 16166B)
9. Approach and Attack Manual (NAVPERS 10101)
10. Submarine Passive ECM System (NAVSHIPS 0967-037-2120)
11. S-5W Reactor Plant Manual (NAVSHIPS 389-0049)
12. Nuclear Weapons Manual (COMSUBLANTINST S8110.1)
13. Department Equipment Operating Instructions

II. Requirements.

- a. Theoretical and practical.

(1) Demonstrate a thorough knowledge of the following:

SECTION 1 - ENGINEERING

a. Be able to discuss what routine critical checks are performed and any restrictions placed on the OOD during these checks. Know inherent dangers associated with each check.

DATE

N/A
ENGINEER OFFICER
Enclosure (7)

e. Torpedo characteristics.

11 SEPT 77
DATE

DP Lakata
32 Bamer
Weapons Officer

f. Tactics.

Torpedo firing

15 Sept 77 DP Lakata

Weapons Officer

Contact evasion - Surface and Submerged

BRomsey (SWO)

g. C-3 Weapons System

1. MCC OP 3823

DP Lakata

Weapons Officer

2. Launcher

32 Bamer

ASST. Weapons Officer

3. Nav Center

BRomsey

Navigator

h. Satisfactorily performs as the Officer in Charge for the following:

FIRE

CONTROL (ENG/SWO) CONTROL(ENG/SWO)

BRomsey

FLOODING

BRomsey

RADIATION/CONTAMINATION

BRomsey

III FINAL RECOMMENDATIONS

1. Recommendation.

29 Sept 77
DATE

DM Lakata
Executive Officer

2. Recommended for Qualification in Submarines.

30 Sept 77
DATE

W. Paul
Commanding Officer

3. Forwarding letter prepared..

DATE

DM Lakata
Executive Officer

QUALIFICATION AS OFFICER OF THE DECK (SUBMERGED)

Prerequisites:

A. References:

1. Navy Regulations
2. Ship's Organization and Regulations Manual
3. Ship's Operating Procedures
4. ATP-1
5. FXP-1
6. FXP-3
7. NWP-16
8. C. O.'s Standing Orders
9. Fleet/Force/Group/Squadron/Ship Instructions and Operation Orders
10. Watch Officers Guide
11. Trial Characteristics Documents
12. Submarine Sonar Manual (Revised); COMSUBDEVGRU TWO Report 1-69
13. Sonar Operator's Manual, COMSUBLANTINST C3522.10
14. Submarine Passive ESM System, NAVSHIPS 0967-037-2120
15. Ship's Intelligence Library, COMSUBLANTINST S5601.1
16. Atlantic Fleet Navy Intelligence Collection Summary (AFNICM)
17. ACP 165
18. Approach and Attack Manual, NAVPERS 10101
19. Nuclear Weapons Manual
20. Conventional Weapons Manual
21. HO-9 BOWDITCH
22. Submarine Atmosphere Control, NAVSHIPS 0938-01104010

II Requirements

a. Theoretical and Practical.

1. Demonstrate a thorough knowledge of the following:

Practical Factors:

1. Qualify as Diving Officer (DCA)
2. Operate position keeper/analyzer in fire control system. (WEPS)
3. Dive and surface as OOD. (SWO) ^{2AT}
4. Change depth from deep to periscope depth and back. (SWO)
5. Demonstrate periscope technique and usage. (SWO)
6. Periscope depth evolutions. (SWO)
7. Hovering. (SWO)
8. Operate radiotelephone (SWO)
9. Operate underwater telephone (SWO)
10. Demonstrate ability to interpret and use all tactical displays at the conning station. (OPS)

23 AUG 77 *AT Tager*
11 SEP 77 *W. Brown*
26 JUN 77 *B. Ramsey*
12 AUG 77 *B. Ramsey*
8 AUG 77 *B. Ramsey*
10 AUG 77 *B. Ramsey*
23 AUG 77 *B. Ramsey*
23 AUG 77 *B. Ramsey*
30 AUG 77 *B. Ramsey*
11 AUG 77 *B. Ramsey*

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5 AUG 1975

Discussion and examination topics:

1. Tactical Capabilities of all masts, antennas and other S sensors (SWO)
2. Underwater acoustics and ship's sonar systems. (WEPS)
3. Ship and ESM equipment usage. (OPS)
4. Propulsion plant capabilities, limitations and casualty procedures (ENG)
5. Battery ventilation and charging procedures. (ENG)
6. Contact analysis and relative motion. (SWO)
7. Navigation (Submerged). (NAV)
8. Reports required (submerged). (SWO)
9. Atmosphere control (ENG)
10. Control of ship's radiated and self-noise (ENG)
11. Operational procedures, bills, and watch routines. (SWO)
12. Tagout procedures (ENG)
13. Casualty/Emergency procedures (Submerged). (XO)
14. Radiotelephone procedures. (OPS)
15. Maneuvering characteristics and limitations. (NAV)
16. Submarine exercise safety considerations. (OPS)
17. Torpedo evasion. (SWO)
18. Signal ejector operations. (WEPS)
19. Intelligence collection (ACINT, ELINT, VISINT). (WEPS/OPS)

8 AUG 77 G. Romsy
~~XXXXXXXXXX~~
 16 SEP 77 D. Halsted
 9 AUG 77 G. Romsy
 14 AUG 77 W. C. [unclear]
 17 AUG 77 W. C. [unclear]
 11 SEP 77 G. Romsy
 21 AUG 77 G. Romsy
 19 AUG 77 G. Romsy
 24 AUG 77 W. C. [unclear]
 8 SEP 77 W. C. [unclear]
 25 AUG 77 G. Romsy
 14 AUG 77 W. C. [unclear]
 22 SEP 77 [unclear]
 23 AUG 77 G. Romsy
 16 AUG 77 G. Romsy
 2 AUG 77 G. Romsy
 15 AUG 77 G. Romsy
 31 Aug 77 A. M. [unclear]
 13 AUG 77 G. Romsy

B. Instruction Watches:

- (1) 6 AUG 77 G. Romsy
DATE OOD
- (2) 7 AUG 77 G. Romsy
DATE OOD
- (3) 14 AUG 77 G. Romsy
DATE OOD
- (4) 15 SEPT 77 J. E. [unclear]
DATE OOD
- (5) 17 Sep 77 J. P. Halsted
DATE OOD

C. Examinations:

1. Written Examination/Recommendation
2. Designated Qualified.
3. Qualification Book entry made.

22 SEP 77 G. Romsy
DATE Senior Watch Officer
 22 SEP 77 W. C. [unclear]
DATE Commanding Officer
Don [unclear]
DATE Executive Officer

Enclosure (2)

5 AUG 1975

QUALIFICATION AS DUTY OFFICER

Prerequisites:

- a. Qualified as Diving Officer
- b. Qualified as OOD (Surfaced)
- c. Qualified as OOD (Submerged)

I. References:

- 1. Navy Regulations
- 2. Ship's Organization and Regulation Manual
- 3. Ship's Operating Procedures
- 4. C.O.'s Standing Orders
- 5. Fleet/Force/Group/Squadron/Ship Instructions and Operation Orders
- 6. SOPA Directives
- 7. Duty Officer Folder
- 8. Nuclear Accident Folder
- 9. Damage Control Book
- 10. Ship/General Information Book
- 11. Oil Pollution Act
- 12. OPNAVINST 5510

II Requirements

- a. Theoretical and practical.

(1) Demonstrate a thorough knowledge of the following.

Practical Factors:

- 1. Qualify as OOD (Surfaced). (SWO)
- 2. Qualify as OOD (Submerged). (SWO)
- ~~3. Qualify as Diving Officer. (DCA)~~
- ~~4. Demonstrate ability to use damage control equipment. (DCA)~~
- ~~5. Supervise battery charge. (EM)~~
- 6. Check rig for surface. (DCA)
- 7. Complete below decks checkoff. (SWO)
- ~~8. Demonstrate proficiency in handling small arms (WEPS)~~
- 9. Demonstrate ability to supervise the duty section in casualty control and emergency procedures. (SWO)
- 10. Inspection procedures. (SWO)
- ~~11. Maintenance and Tagout procedures. (ENG)~~
- 12. Replenishment procedures for fuel, lube oil, oxygen, nitrogen, water air and amine. (DCA)
- ~~13. Oil Pollution Act. (DCA)~~
- ~~14. Weather considerations (Inport). (NAV)~~
- ~~15. Listing and flooding down. (DCA)~~

| DATE | SIGNATURE |
|-----------|-------------|
| 27 SEP 77 | [Signature] |
| 27 SEP 77 | [Signature] |
| 21 Oct 77 | [Signature] |
| 28 Oct 77 | [Signature] |
| 5 Nov 77 | [Signature] |
| 23 Aug 77 | [Signature] |
| 12 Jan 77 | [Signature] |
| 24 Aug 77 | [Signature] |
| 18 Sep 77 | [Signature] |
| 2 Jun 77 | [Signature] |
| 14 Aug 77 | [Signature] |
| 5 Sep 77 | [Signature] |
| 24 Aug 77 | [Signature] |
| 23 Aug 77 | [Signature] |
| 22 Aug 77 | [Signature] |

Enclosure (4)

15. Operate the IDU utilizing the trim and drain system (SWO)

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5 AUG 1975

- 16. Reports. (SWO)
- 17. Dispersal procedures. (NAV)
- 18. Drydock safety precautions. (ENG)
- 19. Watch organization. (SWO)
- 20. Mail and message handling. (OPS)
- 21. Supply procedures. (SUP)
- 22. Keys and combinations. (WEPS)
- 23. Duty Officer/Weapons Duty Officer/EOWW command relationships. (SWO)
- 24. First Aid. (Corpsman)
- 25. Nuclear reactor safety and accident procedures. (ENG)
- 26. Torpedo Tube interlocks (WEPS)
- 27. Oxygen System. (DCA)

| DATE | SIGNATURE |
|-----------------|--------------------|
| 2 Jul 77 | <i>[Signature]</i> |
| 7 Jul 77 | <i>[Signature]</i> |
| 8 Jul 77 | <i>[Signature]</i> |
| 12 Jul 77 | <i>[Signature]</i> |
| 23 Aug 77 | <i>[Signature]</i> |
| 27 Jul 77 | <i>[Signature]</i> |
| 24 Jul 77 | <i>[Signature]</i> |
| 15 Jul 77 | <i>[Signature]</i> |
| 30 Jul 77 | <i>[Signature]</i> |
| 24 Aug 77 | <i>[Signature]</i> |
| 2 XXX XXXXXXXXX | |
| 8 Jul 77 | <i>[Signature]</i> |

B. Instruction Watches:

- | 1. DATE | SIGNATURE (DUTY OFFICER) |
|-----------------|--------------------------|
| 1. 13 July 1977 | <i>[Signature]</i> |
| 2. 17 July 1977 | <i>[Signature]</i> |
| 3. 21 July 1977 | <i>[Signature]</i> |

C. Examinations:

- 1. Recommendation
- 2. Designated Qualified.
- 3. Qualification Book entry made.

| | |
|-----------|----------------------|
| 22 SEP 77 | <i>[Signature]</i> |
| DATE | Senior Watch Officer |
| 22 SEP 77 | <i>[Signature]</i> |
| DATE | Commanding Officer |
| DATE | <i>[Signature]</i> |
| DATE | Executive Officer |

BLEVINS

SSBN655INST 1510.2B

5 AUG 1975

QUALIFICATION AS DIVING OFFICER

A. Prerequisites: None

I. References:

1. Ship's Organization and Regulation Manual/Compartment Bills
2. Ship's Operating Procedures
3. Booklet of General Plans
4. COMSUBLANT Instruction C3120.9, Deep Submergence Operation and Flooding Casualty
5. Damage Control Book
6. Training Aid Booklet
7. General Information Book/Ship's Information Book
8. CO's Standing Orders

II Requirements:

a. Theoretical and Practical

(1) Demonstrate a thorough knowledge of the following:

Practical Factors:

1. Check rig for dive in all compartments and topside
2. Demonstrate proficiency at following stations:
 - a. Bow/Fairwater planes (normal, emergency, AMC, and emergency positioning (DO)
 - b. Stern Planes (normal, emergency, AMC, and emergency positioning. (DO)
 - c. Helm (normal, emergency, AMC, and emergency positioning) (DO)
 - d. Ballast Control Panel. (COW)
 - e. Hovering with the trim pump (DO)
 - f. Hovering with hovering system. (DO)
3. Rig and secure from snorkeling (DO)
4. Compensate after an upkeep, dive and obtain satisfactory trim within a reasonable period of time. (DCA)
5. Demonstrate ability to perform watch to watch compensation. (DO)
6. Demonstrate ability to react properly to various casualties. (XO)
7. Demonstrate ability to surface the ship. (DCA)
8. Demonstrate ability to dive the ship. (DCA)
9. Maintain and change depth through the range of the ship's speed and with various rudder angles applied (DCA)
10. Operate all internal communications systems available to the Diving Officer. (DO)
11. Cross connect the drain pump to the trim system. (DO)
12. Cross connect the trim pump to the drain system. (DO)
13. Operate the TDU utilizing the trim and drain system (DO)

15 Feb 77 JHayer

10 Feb 77 JR Banner

10 Feb 77 JR Banner

11 Feb 77 JR Banner

11 Feb 77 JR Banner

11 Feb 77 JR Banner

12 Feb 77 JR Banner

12 Feb 77 JR Banner

27 Dec 77 JHayer

10 Feb 77 JHayer

27 Dec 77 JHayer

27 Dec 77 JHayer

11 Feb 77 JR Banner

12 Feb 77 JR Banner

13 Feb 77 JR Banner

13 Feb 77 JR Banner

14 Feb 77 JR Banner

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5 AUG 1975

Discussion and examination topics:

| | DATE | SIGNATURE |
|---|-----------|--------------------|
| 1. Control surface systems (hydraulic and electrical.(DCA) | 3 Aug 77 | T. E. Deegan |
| 2. Hydraulic power plants. (DCA) | 28 Jul 77 | T. E. Deegan |
| 3. Snorkel Systems (DCA) | 28 Jul 77 | T. E. Deegan |
| 4. Trim and drain (DCA) | 28 Jul 77 | J. H. Tange |
| 5. Deballasting systems. (DCA) <i>JHT</i> | | |
| 6. Hovering. (DCA) | 28 Jul 77 | J. H. Tange |
| 7. Tanks and compartments (DCA) | 28 Jul 77 | J. H. Tange |
| 8. Ventilation systems (DCA) | 28 Jul 77 | T. E. Deegan |
| 9. Basic electrical systems and alarms (E DIV) | 4 Aug 77 | T. E. Deegan |
| 10. Interior communications systems and alarms.(E DIV) | 4 Aug 77 | T. E. Deegan |
| 11. Flooding and Recoverability. (DCA) | 4 Aug 77 | J. H. Tange |
| 12. Safe operating envelope. (DCA) | 30 Jul 77 | J. H. Tange |
| 13. Trim considerations for sea state, sound velocity profile and surface effect. (DCA) | 30 Jul 77 | J. H. Tange |
| 14. Stability, longitudinal and transverse.(DCA) | 30 Jul 77 | J. H. Tange |
| 15. Capabilities and limitations of the propulsion plant (ENG) | 6 AUG 77 | <i>[Signature]</i> |
| 16. Casualties and special evolutions/procedures (DCA) | 3 Aug 77 | T. E. Deegan |
| 17. Operational limitations of masts and antennae. (OPS) | 5 AUG 77 | B. B. Berman |
| 18. High Pressure air systems. (DCA) | 31 JUL 77 | A. M. Russell |
| 19. MBT blow systems. (DCA) | 31 JUL 77 | A. M. Russell |
| 20. Service air system. (DCA) | 31 JUL 77 | A. M. Russell |
| 21. Internal/External salvage systems. (WEPS) | 31 JUL 77 | A. M. Russell |

B. Instruction Watches:

| DATE | SIGNATURE (DOW) |
|---------------|-----------------|
| (1) 11 Feb 77 | A. M. Russell |
| (2) 12 Feb 77 | A. M. Russell |
| (3) 13 Feb 77 | A. M. Russell |
| (4) 14 Feb 77 | A. M. Russell |
| (5) 15 Feb 77 | A. M. Russell |

C. Examinations:

| | | |
|--|-------------------|-------------------------------------|
| 1. Written examination/recommendation. <i>Taylor & Phipps last part of cert exam given 6 Aug 77</i> | 7 Aug 77 Date | J. H. Tange DCA |
| 2. Designated Qualified. | 21 AUG 77 Date | A. M. Russell Commanding Officer |
| 3. Qualification Book entry made. | 22 Aug 77 Date | D. W. Lauberts Executive Officer |