

# NAVAL ORDNANCE DEPARTMENT: CHIEF ORDNANCE ENGINEER OFFICER'S HEADQUARTERS SECTION

CHIEF ORDNANCE ENGINEER OFFICER AND DEPUTY-DIRECTOR  
OF NAVAL ORDNANCE (MATERIAL)

*Rear Admiral* SIR JOHN COOTE, BT., C.B.E., D.S.C., M.I.MECH.E.

## RESEARCH, DEVELOPMENT AND DESIGN

|                                                                                                                                |  |                                                          |
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| <i>A.D.N.O. (Design)</i> .. .. .                                                                                               |  | { <i>Captain</i> E. J. H. KIRBY, D.S.C.,<br>M.I.MECH.E.  |
| <i>Assistant to D.N.O. for Electrical Questions<br/>and to D.E.E. for Gunnery Questions.<br/>Liaison with D.N.L.D.</i> .. .. . |  | { <i>Captain</i> G. R. B. PATTISON, B.SC.,<br>A.M.I.E.E. |
| <i>Assistant C.O.E.O. (Weapons)</i> ..                                                                                         |  | <i>Cdr.</i> G. A. PARTRIDGE                              |
| <i>Assistant C.O.E.O. (Control)</i> ..                                                                                         |  | { <i>Cdr.</i> R. R. BODDY<br>E. H. LAKEY, ESQ., B.SC.    |
| <i>Assistant, Guided Weapon Installation and<br/>Control</i> .. .. .                                                           |  | { <i>Cdr.</i> L. H. J. MASTERS                           |
| <i>Assistant Guided Weapon Electronics</i> ..                                                                                  |  | { <i>Cdr.</i> A. F. CASWELL, B.SC.,<br>A.M.I.E.E.        |

## EQUIPMENT OFFICERS

|                                               |  |                                                                                                 |
|-----------------------------------------------|--|-------------------------------------------------------------------------------------------------|
| <i>Guided Weapon Missiles and Testing</i> ..  |  | { <i>Cdr.</i> G. E. BAKER, D.S.C.<br><i>Cdr.</i> W. M. C. MARTIN                                |
| <i>Guided Weapon Launcher and Handling</i> .. |  | { <i>Cdr.</i> D. G. SATOW<br><i>Lt. Cdr.</i> J. C. M. LONGLEY                                   |
| <i>Remote Position Control</i> .. .. .        |  | { <i>Cdr.</i> W. A. HUMPHREY<br><i>Lt. Cdr.</i> H. K. J. COCK<br><i>Lt. Cdr.</i> F. S. TURNBULL |
| <i>Hoists and Bomb Lifts</i> .. .. .          |  | A. T. G. COLEBORN, ESQ.                                                                         |
| <i>Heavy Mountings</i> .. .. .                |  | <i>Cdr.</i> T. D. SHORT                                                                         |

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| <i>Medium Calibre Mountings</i> .. ..                        | .. .. | { Cdr. A. B. DICKIE, M.I.MAR.E.<br>Cdr. C. F. JACKSON<br>Lieut. R. W. COLCLOUGH                                            |
| <i>Close Range Weapons</i> .. ..                             | .. .. | { Cdr. T. A. BOUSTEAD<br>Lieut. A. F. N. SMITH                                                                             |
| <i>Long Range and Surface Control</i> .. ..                  | .. .. | { Cdr. C. W. C. MAY<br>Lieut. A. R. WARD<br>Lieut. J. C. WEBB<br>E. T. C. WATTS, ESQ., M.B.E.                              |
| <i>Medium and Close Range Control</i> .. ..                  | .. .. | { Cdr. A. E. BRYANT<br>W. A. H. CANN, ESQ.<br>A. W. ELPHICK, ESQ.<br>E. J. HORTON, ESQ.                                    |
| <i>Stabilization</i> .. ..                                   | .. .. | Lieut. C. J. SANDLE                                                                                                        |
| <i>Optics</i> .. ..                                          | .. .. | H. M. E. BLACKMAN, ESQ.                                                                                                    |
| <i>Effects of Shock, Explosion and Noise Reduction</i> .. .. | .. .. | { Cdr. A. B. DICKIE, M.I.MAR.E.                                                                                            |
| <i>Schedule and Installations</i> .. ..                      | .. .. | R. C. PRIOR, ESQ.                                                                                                          |
| <i>Weapon Direction and Radar</i> .. ..                      | .. .. | { Cdr. H. R. K. BATES, D.S.C.,<br>A.M.BRIT.I.R.E.<br>A. W. ANDREWS, ESQ.                                                   |
| <i>Electrical Questions—Weapon and Control</i> .. ..         | .. .. | { Cdr. P. P. M. GREEN, A.M.I.E.E.,<br>A.M.BRIT.I.R.E.<br>Lt. Cdr. F. G. W. HUNTER<br>Lt. A. C. WILLIAMSON<br>Lt. J. BEARNE |

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#### SUPPLY, PLANNING AND MAINTENANCE

|                                                       |       |                                                                                                                                                                                                               |
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| <i>A.D.N.O. (Q)</i> .. ..                             | .. .. | Captain D. F. H. CHANDLER,<br>O.B.E., D.S.C., A.M.I.MECH.E.                                                                                                                                                   |
| <i>Planning</i> .. ..                                 | .. .. | { Cdr. E. H. DAVIES<br>Mr. H. H. WARD, CD.O.E.                                                                                                                                                                |
| <i>A's and A's and Staff Requirements</i> .. ..       | .. .. | Mr. G. C. ROACH, SNR. CD.O.E.                                                                                                                                                                                 |
| <i>' Q ' Section (Supply, Spare Gear, etc.)</i> .. .. | .. .. | { Cdr. R. N. DEVLIN<br>Lieut. S. W. DOBINSON<br>Mr. H. H. MCGEENEY, D.S.M.,<br>SENR. CD.O.E.<br>Mr. F. J. POTTER, SENR. CD.O.E.<br>Mr. A. E. LILLINGTON, B.E.M.,<br>CD.O.E.<br>Mr. F. ABEL, SENR. CD.EL.O.(L) |

|                                               |    |                                                                                                   |
|-----------------------------------------------|----|---------------------------------------------------------------------------------------------------|
| <i>Logistics, Packaging and Foreign Sales</i> | .. | Cdr. D. P. WINDIBANK                                                                              |
| <i>Instructional Equipment</i>                | .. | { Lt. Cdr. A. H. STRINGER,<br>A.M.I.MECH.E.                                                       |
| <i>Trials and Installation Group</i>          | .. | { Cdr. J. K. McA. TOD, A.M.I.MECH.E.<br>Lt. G. H. WALKER<br>Mr. W. F. J. MADDOCK,<br>SNR. CD.O.E. |

#### PRODUCTION AND FINANCE

|                                |    |                                                                                   |
|--------------------------------|----|-----------------------------------------------------------------------------------|
| <i>A.D.N.O.(P)</i>             | .. | T. B. GRAY, B.SC., M.I.P.E.                                                       |
| <i>Common Services</i>         | .. | A. W. MILLER, ESQ., A.M.I.E.E.                                                    |
| <i>Manufacture..</i>           | .. | { A. E. BROWN, ESQ., M.B.E.,<br>M.I.MECH.E.                                       |
| <i>Planning and Progress..</i> | .. | R. U. LINSELL, ESQ., A.M.I.E.E.                                                   |
| <i>Capacity and Materials</i>  | .. | L. A. EVENDEN, ESQ.                                                               |
| <i>Fire Control</i>            | .. | { J. A. BUBB, ESQ., A.M.I.MECH.E.<br>C. H. SELWAY, ESQ., A.M.I.MECH.E.            |
| <i>Gun Mountings</i>           | .. | { L. W. HARRIS, ESQ., A.M.I.MECH.E.<br>E. H. WILLIAMS, ESQ., G. I. MECH.E.        |
| <i>Production Techniques..</i> | .. | { R. A. HEAD, ESQ., A.M.I.MECH.E.<br>J. R. HAWKINS, ESQ., B.SC.,<br>A.M.I.MECH.E. |

#### TECHNICAL STAFF ADMINISTRATION AND TRAINING

|                       |    |                                                                            |
|-----------------------|----|----------------------------------------------------------------------------|
| <i>A.D.N.O.(T.A.)</i> | .. | { Cdr. J. P. SANDBROOK<br>Lt. Cdr. H. S. BROMBY<br>H. M. E. BLACKMAN, ESQ. |
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#### AIR ARMAMENT SECTION (*Rex House, London*)

|                                                                                 |    |                                                         |
|---------------------------------------------------------------------------------|----|---------------------------------------------------------|
| <i>Aircraft Armament Installation General<br/>and Air Ordnance Personnel</i>    | .. | { Cdr. J. D. ROBINS, A.M.I.MECH.E.                      |
| <i>Defects, R.P. and Bomb, etc. Installations</i>                               |    | Lt. Cdr. G. R. SMITH                                    |
| <i>Training, Workshops, Stores, Publications</i>                                |    | { SNR. CD. AIR ENG.(ORD.)<br>Mr. R. MANNING             |
| <i>Gun Installations</i>                                                        | .. | { SNR. CD. AIR ENG.(ORD.)<br>Mr. W. A. WILLIAMS, B.E.M. |
| <i>Fire Control, Guided Weapons and Elec-<br/>trical Installation Questions</i> | .. | { Cdr. W. E. SMITH, A.M.I.E.E.                          |