

COMMUNICATIONS

CCY HENDERSON
RS DUNWELL
LRO (G) PRATT
LRO (T) HOPE
LRO (G) NEWSON
LRO (G) RUMBLOW
RO (G) BLAYNEY
RO (G) TOY
RO (G) KIRBY
RO (G) JEFFRIES
RO (T) DONNELLY
RO (T) POUNDER
RO (T) GARNSWORTHY
RO (T) BELAMARICH
RO (G) BASKETFIELD
RO (G) EUSTACE

ELECTRONIC WARFARE

PO (EW) OLDFIELD
LS (EW) WOODSIDE
LS (EW) EVANS
AB (EW) NILAND
AB (EW) HACKING
AB (EW) REED
AB (EW) CREEK
S (EW) IKINS

OFFICERS UNDER TRAINING

A S/LT COPELAND
A S/LT HALL
A S/LT SMITH
MID GODDARD
MID PINK
MID PREECE

The bridge.



SONAR

CPO (OPS) (S) PARRY
PO (S) TEMPLE
PO (S) RICHES
PO (S) WRIGHT
LS (S) BRODERICK
LS (S) EMMERTON

LS (S) WHITE
LS (S) BROCK
AB (S) BARNS
S (S) MCPHILBIN
S (S) HAMILTON
S (S) JUNIOR

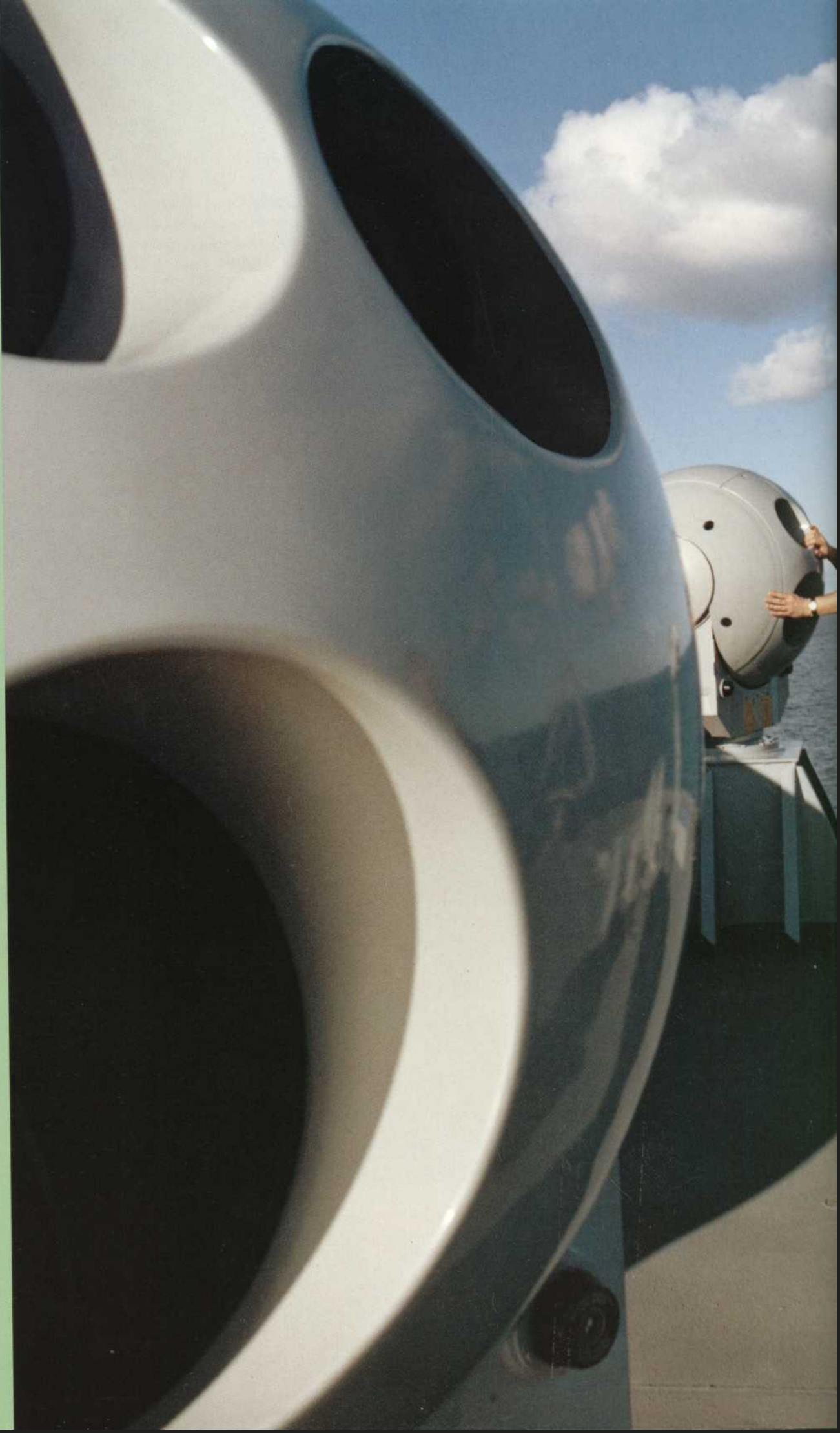
S (S) BALLAK
S (S) BROWN
S (S) CLARK
S (S) JENKINS
S (S) SMITH
S (S) LOWTHER

This gives some idea of the tasks of the Operations Department in time of war or during exercises. In addition, the department will be called upon to carry out Damage Control and Repair, ceremonial duties, diving and providing assistance to Civil Authorities or other ships at sea.

Other key members of the Department are: the Petty Officer Medical Assistant, who aims to provide preventive medicine and keep the Ship's Company healthy, the 2 Regulating Staff (the Ship's policemen) who look after discipline and the routine administration, and finally, the Physical Training Instructor, who looks after all aspects of recreation and fitness training.

The prime aim of the Royal Navy is deterrence, but should it be necessary for the ship to fight, the battle will be conducted by the Operations Department in conjunction with the Weapon Engineering Department. Both the above departments depend on the Marine Engineering and Supply Departments for the provision of essential back up services.

*Optical Directors
for the 4.5" gun.*



THE WEAPON ENGINEERING DEPARTMENT

The task of the Weapon Engineering Department is to maintain and repair the ship's weapon systems, radars, sonars, communications equipment and navigational aids.

Within the Department there are ratings of two different skill levels; Artificers who have completed a 5 year Apprenticeship, and Mechanics who do less initial training, but who have the opportunity to transfer to Artificer if they show during their early sea service that they have the technical and academic ability to complete the course. During training, the Artificers are subdivided into the four groups listed on these pages.

Prior to joining a ship, each individual will do additional courses to specialise in the equipment for which he will be responsible.

ACTION DATA ARTIFICER

To protect the ship from attack, the first requirement is to detect the enemy ship, submarine, aircraft or missile. The maintainer of the Action Data specialisation is responsible for both the radars and sonars which locate the target, and for the computer system that processes the data to display the information to the Captain.

WEAPON DELIVERY ARTIFICER

The Weapon Delivery specialists are responsible for the electronic equipment and computers that aim the weapons and determine the optimum moment to open fire. Both the Seawolf Guided Weapon System and the 'Goalkeeper' 30mm Gatling gun system are capable of engaging an incoming missile without any involvement of ship's operators.



Preparing to stream the torpedo decoy.



Cleaning 4-5" gun.

ORDNANCE CONTROL ARTIFICER

Members of the Ordnance Control group specialise in the heavier mechanical equipment that handle the actual weapon delivery systems like the 4.5" gun and the Seawolf missile launchers.

COMMUNICATIONS AND ELECTRONIC WARFARE ARTIFICER

Finally, the communications equipment that allows the Captain to be in constant touch with the Commander in Chief, other ships and forces ashore, is the responsibility of the Communications and Electronic Warfare branch. They also maintain the electronic listening equipment that can detect enemy radio and radar transmissions at very long ranges.

RADIO AND ORDNANCE MECHANICS

Junior Mechanics fulfil the essential roles of routine maintenance, ship husbandry and initial fault-finding and repair. The senior Mechanics often have similar responsibilities to Artificers.

All the individual components maintained by the Weapon Engineering Department must work together to provide a composite ship Command, Control and Communication system, therefore, all the individual specialisations must work closely together. Lines of demarcation are often blurred.

Satellite communications.



WEAPON ENGINEERING DEPARTMENT

CDR DALRYMPLE-SMITH
LT GOODALL
CWEM (O) TRAINER

WEAPON DELIVERY

CCWEA MCCANN
CPOWEA ALLEN
CPOWEA DAVIES
CPOWEA MCCALLION
CPOWEA O'BRIEN
CPOWEA TREVETT
POWEA ROTHWELL
POWEA HUNTER
POWEM (O) SOPER
POWEA TURVEY
POWEA READ
LWEM (R) BETTS
LWEM (R) SMITH
LWEM (O) TAYLOR
LWEM (O) CORBEY
LWEM (O) BALSDON
LWEM (O) LAUNDRY
LWEM (O) WHARFE
LWEM (O) SPENCER
WEM (O) POLLEY
JWEM (O) WORTLEY
WEM (O) CAMPBELL
WEM (O) HILL
WEM (O) TURNBULL
WEM (O) DONNELLY
WEM (R) MARTIN
JWEM (R) RUSSELL

TECH OFFICE WRITER

LWTR FERGUSON

WEAPON SYSTEMS

WOWEA PHILLIPS
CPOWEA ANDERSON
CWEM (R) PHELPS
CPOWEA GOODING
POWEM (O) BROOKES
POWEA MALYK
POWEA SKILTON
POWEA STANLEY
LWEM (R) ASHWORTH
LWEM (R) HEALEY
LWEM (R) NURCOMBE
LWEM (R) MILEY
LWEM (O) BUTLER
WEM (O) SCOTT
WEM (O) HADDOCK
WEM (R) LAWSON
WEM (R) SCHOFIELD
JWEM (R) THOMAS
WEM (O) HARRIMAN
JWEM (R) STOCK
WEM (R) GARVEY

Lt David GOODALL, age 43. Joined the Navy as an Artificer and was Commissioned as an Engineer Officer in 1978. Married with 2 sons, he lives in Portsmouth. He is the Deputy Weapon Engineer Officer.



CWEM (O) Allen TRAINER, age 40. Joined the Navy in 1966, married with 2 daughters and lives in Salford. He coordinates the department's activities.



POWEA Andrew (Tab) HUNTER, age 26. Joined the Navy in 1983 and lives in N. Humberside. He maintains the 4.5" gun and the small arms.



LWEM (O) Mark BUTLER, age 27. Joined the Navy in 1983 and lives in Hull. He works on Internal Communications equipment.

