

The IRONCLAD

1869-1904

The fourth ship to bear the name INVINCIBLE was a twin-screw 14-gun broadside ironclad, launched at Glasgow in 1869. She was of 6010 tons, 4830 horse-power, and 14 knots speed. Her length, beam and draught were 280ft, 54ft and 23ft.

In 1873 the Invincible, commanded by Captain John Clark Soady, was one of a small squadron under Vice-Admiral Sir Hastings Yelverton, which proceeded to the Spanish coast and established a blockade of the Spanish Mediterranean littoral. She assisted in the operations against the Spanish *Intransigentes* and prevented the insurgent ships from bombarding various coastal towns.

In July 1882, during the Egyptian War, Invincible, commanded by Captain Robert More Molyneux, lay at Alexandria in a fleet of 14 ships commanded by Admiral Sir Beauchamp Seymour, with the 'Alexandra' as his flagship.

The Egyptians would not surrender their forts, and so the Admiral transferred his flag to the lighter draught Invincible, and on July 11th at 7am the 'Alexandra' fired the first shot in the bombardment of Alexandria. The Invincible, with two other ships, was stationed inside the harbour, fighting at anchor with a spring on her cable. By 7.10 am all ships were engaged, and all the forts that could bring their guns to bear replied with vigour. By 5 pm all guns ashore had been silenced and the fleet ceased bombarding at 5.30 pm. Invincible had several dents on her armour, and was penetrated more than once outside it. The British casualties were 5 killed and 28 wounded, including 6 wounded on the Invincible. The Egyptian losses are believed to have been about 150 killed and 400 wounded, out of the 2000 men engaged in working the forts.

On August 5th Invincible contributed to a Naval Brigade

which left Alexandria in an armoured train commanded by Captain John Fisher, of the 'Inflexible'. The marines were detrained about 8(X) yards from Mehallet Junction and, assisted by a 40-pounder Armstrong gun, quickly dislodged the enemy. During the evening the brigade was exposed to a galling fire, but the marines behaved with great gallantry, and bore the brunt of the attack.

Invincible was a guard ship at Southampton from 1888 to 1890, and in 1901 a depot ship for Destroyers at Sheerness. In 1904 her name was changed to 'Erebus' and she was later renamed 'Fisgard II', and merged into the establishment for the training of boy artificers in Portsmouth harbour.

On September 16th, 1914, the ship foundered in a heavy gale while under tow off Portland. 21 men out of the 64 on board were drowned.



The launch of *Invincible* at Barrow-in-Furness on 3rd May, 1977, marked the most significant stage in the process of giving the Royal Navy a special ship — not only another 'first-of-class', but the best which British technology can give to the Senior Service.

But who were her builders, and where are they to be found?

Situated in the extreme south-west of the Furness peninsula, in the County of Cumbria, and close to the beautiful English Lake District, is the town of Barrow-in-Furness. Barrow, with a population of about

65 000, and with another 40 000 living within a radius of 35 km has much the largest industrial undertaking in Cumbria - Vickers Shipbuilding Group Limited, which occupies 150 acres and employs over 14 000 people.

Shipbuilding has been a traditional activity in Furness since Elizabethan times, and on a commercial scale has been carried out at Barrow-in-Furness since the 1860s. The present shipbuilding yard and engineering works, established in 1871, when the Naval Construction and Armaments Company was formed from the

Barrow Shipbuilding Company, have grown steadily since that date, despite the local decline in iron and steel making — industries which also played a primary role in the early growth of the town.

Having started life as a family steel business in the 1820s, Vickers Limited excelled in the production of guns and armour and, anticipating the Admiralty's needs, acquired the shipyard in 1897. This action rendered Vickers capable of producing the complete ship — steel, guns and equipment.

A significant event for Vickers

The Builders of

"... *Invincible* is another of 'our ships that has left behind a host of friends, and by genuine effort with



was the launching of their first naval vessel, the battleship HMS Vengeance, for it was the beginning of a long association with the Royal Navy, which has continued to the present day.

The Company built the first 'Holland' class submarines for the Royal Navy in 1901 and has specialised in submarine building ever since. In 1927, Vickers amalgamated with their long-standing rivals Armstrong-Whitworth, and became Vickers Armstrong Limited, a shipbuilding giant, with Barrow Shipyard on the west coast and the Walker Naval Yard on the

east, at Tyneside.

Now a member company of British Shipbuilders, Vickers Shipbuilding Group Limited is one of the four specialist warship-builders in the United Kingdom, and is justly proud of its proven ability and is confident that its high traditions are reflected in the range of warship designs, and the building, support and engineering facilities it offers to customers worldwide.

While the modern Royal Navy is Barrow's principal and best customer, many household names in British shipping grace the record

books of Barrow Shipyard. The outlines of countless submarines, passenger liners, cargo ships and tankers have been silhouetted against Barrow's skyline, and to the people of Barrow, Invincible is another of 'our ships'; her ship's company will be one more that has left behind a host of friends, and has earned their gratitude and respect by genuine effort within the community.

Invincible is built in the best Vickers' tradition of quality and in Barrow's best traditions of skill and craftsmanship.

HMS INVINCIBLE

her ship's company will be one more has earned their gratitude and respect the community."



THE CAPTAIN

Born on April 5th, 1936 in Middlesbrough, Yorkshire, Captain Michael Livesay entered the Royal Navy in 1952 as an Officer Cadet, and began his training at the Britannia Royal Naval College, Dartmouth.

During his training, he served for 15 months in the then new aircraft carrier HMS ARK ROYAL and, after being commissioned as a sub-lieutenant, saw service in the Persian Gulf in HMS LOCH ALIVE. In 1959 he sub-specialised as a Direction Officer and was subsequently appointed to another new carrier HMS HERMES. After serving successively in the radar cruiser destroyer HMS AISNE, RNAS YEOWILTON and with 893 Naval Air Squadron (at the time embarked in the carrier HMS VICTORIOUS) he took command of the Singapore-based minehunter HMS HUBBERSTON. A Lieutenant Commander in 1966, he was appointed to the Ministry of Defence in 1968 as the Junior Seaman Officers' Appointer.

He was promoted to Commander in 1970, assuming command of the frigate HMS PLYMOUTH. After two years in the PLYMOUTH he was appointed to the Naval Staff to work in the Directorate of Naval Plans.

He was then selected for promotion to Captain and in 1975 took up the dual appointments of Captain Fishery Protection and Captain Mine Countermeasures, with his headquarters initially in HMS LOCHINVAR, South Queensferry and later in Rosyth Naval Base. In February, 1977, he returned to the Ministry of Defence as Assistant Director in the Directorate of Naval Plans. He was appointed to command HMS INVINCIBLE in March, 1978.

Captain Livesay is married, has two teenage daughters and lives in the village of Cuckington in Somerset. He is a keen glider pilot and enjoys sailing, skiing, squash and listening to music.



THE SHIP'S COMPANY

Executive Officer Cdr D I RHODES

The Chaplain Reverend S J GOLDING

AIR DEPARTMENT

Cdr N E RANKIN
Lt Cdr K A HARRIS
Lt Cdr A S PARK
Lt Cdr B J P HEALY
Lt C E MORRIS
Lt D Mc FADZEAN

Warrant Officer
DOSSETT A F

Chief Petty Officers
CHANT M
SPIERS J W

Petty Officers
BUNTING L A J
FINLAYSON R J
HILTON J W

Leading Rates
ADAIR A L
BIRCHETT S H D
HOUGHTON D J
KEARNS D A
MAGILL T E
MARCHANT D V
PEARCE L J
WILLIAMS D P

WOODHEAD I J

Able Rates
ANDERSON C B
ARMSTRONG D J
BROAD A S
CAUNT G J
DAVIES M D

FREEMAN A R
GULLIVER S J
RANKIN P A
ROWLEY I J
SHEPPARD B D
SMITH N A
TAGG I J
WALLIS K R

AIR ENGINEERING DEPARTMENT

Cdr J V HODGKINSON
Lt Cdr A D Mc BEATH
Lt C R A LLOYD
Lt K M DAVIES

Warrant Officers
FAIRBROTHER CL
HADFIELD RK

Chief Petty Officers
DAVIES L
FRENCH ER
FURNEAUX PG

HARMAN J
HUTTON GG
JOHNSON DP
JOHNSON DT
RICHARDSON BM
SANDERS A
SYDER P
TOLLIDAY DG
WILDE JN

Petty Officers
BENNETT AM

BONTOFT WR
COXON PJ
CURTIS LD
DEMPSEY D
HEMINSLEY JR
MORGAN RC
PRYNN MD

Leading Rates
ALLEN VC
CAREY SR
GEMMELL B

GRUBERT LGR
PHILLIPS JV
VICKERS G
WEEKS JJ

Able Rates
APPLEBY BW
BURBIDGE G
FLOYD GK
FURNISS TK
GREEN B
HARDCASTLE SA

KELLY EJ
KENNEDY JP
LLANWARNE RE
MASON SJ
McGRATH EJ
MOWTHORPE AJ
NUNN G
ROGERS DJ
SHARPLES RE
WEAVER PA
WILBY KA
YOUNG DA



'The first landing'

OPERATIONS DEPARTMENT

Lt Cdr R A ELLIOTT
Lt Cdr J H R PUNTON
Lt Cdr N R H CARTWRIGHT
Lt Cdr H P LANSDOWN
Lt Cdr J P M PENNY
Lt Cdr P McN CUNNINGHAM
Lt Cdr B A GOLDMAN
Lt Cdr B M SMITH
Lt Cdr M J FULLER
Lt Cdr H CULLEN-JONES
Lt A J G WALKER
Lt G S WILSON
Lt A R ROBINSON
Lt C R WILSON
Lt T P APPEYARD
Sub Lt K V NEEDHAM RAN
Sub Lt C J CRAWLEY

Warrant Officers
IMRAY J
POULTER R F

Chief Petty Officers
BRAZIER K A
LITTLE A G J
PITTICK D
SOWDON P H W
SULLIVAN J C A

Petty Officers
BENNETT A M
BROWN M D
BURGUSS M J
COOPER J K
GIRT D T
HUTCHINS F M

JONES M
KNELL T W
MACKIN J D
SHEPHERD D H
SMITH J L
TAYLOR W
WHEELER A L
WILL S C

Leading Rates
BARROW P J
BISHOP W J
CAINES P
CHAMBERLAIN K
CLARKSON G D
CLAYBOROUGH S
COUPER J
DAVIDSON E
FAZACKERLEY D J
FINDLAY M
FRENCH K L
GARDINER S M
GOODE R C W
HENSHAW P J
LEWIS K
MACDONALD W J
MARSDEN A
McEVOY G
PRESTON P D
RUDGE S L
SCORE T
SIMMONS S J
SHAW R
STEVENS T J
WHITEHOUSE S

Able Rates
ADAMS S
ATKINS G P
ATKINSON P D
ATTERBURY C
BAKER M J
BANKS R D
BASSILL T J
BEARDER S P
BOND A J
BOND F
BROWN F C
CAMM B L
CAMPION G M
CHALMERS P C
CHATTERTON D
CHENERY P D
CLARKE A J
COE L
CROMPTON S K
DANIELS M W
DARBY T
DAWBER C
DRAYCOTT N T
DUNTON A D
ELLIOTT P J
FINN P D
FITZPATRICK E D
FREESTONE K
FRENCH H A R
GAVIN B
GLENNISTER P
GOLDIE D R
GRATTON L T
HARVEY M A
HENNIGAN S

HINKLEY K F
HUDSON N C
HUNT S D
HUTTON P M
JACKSON R A
LISTER M
LOTE A
PAGE G
PARKINSON B J
PEDDLE P E
PITT A
PLACKETT A
PRIOR P D
RADFORD J W
RHODES R G
RICKARD C
ROSS D
SPELLMAN G J
TATHAM P
THOMAS P
TOMLINSON J H
TURNER A R
UTTING S A
WALDEN P
WARD B I
WATSON A R
WHITE J N
WHITT G
WITCHER R N

Ordinary Rates
BEAVON P
COLEMAN J F
DALEY S
DANIELS I A
DEGNANT T

GREGORY W
HIRST R
HOWS M T
KING T
PAISLEY P
SCOTT M J
WRIGHT M W

Juniors
ASTLE S P
BARNES L
BARNLEY P C
BOWTELL G K
BOX D
BRAIN P R
BRIFFA A
COLES A L
DAVIS A J
DICKENS G D
GALE A V
GARDNER A
HIGGINS A R
INGRAM A
MOGGS J
NEWTON S
NOTHERS D A
PARKIN C A
PRENTICE D C
PRICE G M
READ K
ROBERTS A
ROGERS D J
SALT G K
SHEPPARD A V
SHIELS A
WALSH D P

SUPPLY AND SECRETARIAT DEPARTMENT

Cdr FB GOODSON	BUXLEY KR	GOFF MA	BUTLER MJ	LONG GF
Lt Cdr A P HALLETT	DAVEY VJ	HALL MP	BUXTON D	LORD A
Lt AUTON	DOYLE DW	HALLS AR	CLARK PA	LUKE S
Lt H R WHITAKER	EVERETT KJ	HODGE R	CLEWS AJ	MADGWICK GC
Lt J B MORDUE	FRANKLIN T	HOWELL MJ	DENNIS C	McLEAN AK
Sub Lt P H MANSON	FOX BH	ILES SG	DICKIE AS	McLEISH IG
Sub Lt J J LAMB	GRAY RW	JEEVES C	DIXON S	McRAE J
	JENKINS J	KITTSOON T	DUGGAN DJ	MILN PM
Mr R W FRANK DGST(N)	JONES K	LAGGAN PJ	DUNTON KD	NEWTON RJ
Mr R N OGILVIE	PORTER J	McCURRY J F	EVEMY KS	OTTERWAY D
	TAYLOR DR	NIGHT KB	FENNELLOW PJ	PORRETT JA
Warrant Officers		PARKINSON CE	FRITZSHE KE	RIDINGTON PJ
FELLOWS MAD	Leading Rates	PARSONS ND	GILBERTSON J	RYAN RJ
	ADAMS BW	PARRY LR	GRAY PA	SAXTON JW
Chief Petty Officers	ALLSOP G	REID LJ	GRIFFITHS J	SMEE TA
BENNELICK RSR	ANDERSON GR	THOMSON ARM	HARPER M	SMITH AD
CLEAVER DPR	BAUGH GR	WHITEHEAD AF	HARPER NA	SNEWIN CD
COUGHTRIE J	BISHOP PVC	WILKINSON GF	HAYES RS	SPEAR BJ
CROSS DC	BOXALL GS	WOODLEY JM	HELSEBY A	STROUD JD
HARRIS RG	CARPENTER PJ		HEYES PS	TAYLOR KJ
MOLLITOR FJT	CLARKE GR	Able Rates	HUNT D	TREDWELL PA
POLKINGHORNE BW	COLLINS D	ASHOVER HC	JAGO SS	WALKER DW
RANKIN J	COOPER M	BATLEY TN	JEFFORD LRJ	WALLWORK NC
	DAVEY FP	BAYSTON GR	JINKS TH	WHEELER PC
Petty Officers	EVERALL M	BOTTING KP	LAMBOURNE BE	WILLEY M
BEVANS PF	FLOWER P	BRAMBLE NC	LEWIS JTR	WINGROVE SJ
BLYTHE RD	FRASER G	BULLOCK GJN	LIGHTFOOT RJ	
BRADLEY K	GILES AR	BURTON G	LITTLEWOOD PR	

MARINE ENGINEERING DEPARTMENT

Cdr P W W RIDLEY	PETTIFER M	Leading Rates	JOICE S D R	OWEN G
Lt Cdr J P CLARKE	RYRIE J D	BARRETT R E	KERR A T F	OWEN W D
Lt M J PRICE	SHEARWOOD M R	CHRIMES R L	McCABE K J	PHILLIPS P E
Lt R C PELLY	TOMLIN I R	COOMBS D A	MERRITT M	PIRT J
Lt B L MILES		CROSBY A P	METCALF D	QUIGLEY N R
Lt R H ROBERTS	Petty Officers	EDWARDS C R	MOSS K R	ROSER N R
Lt T C EMMS	ASCOUGH J G	FISHLOCK J A	MORTON D M	SCHOFIELD S J
Lt D SCOTT	BAILEY F W	GRAVES B	ORMEROD T S	STEWART K W
Sub Lt S MAULT	BALDWIN A M	HALES G K	OUTING M H	TAYLOR R V
	BARRACLOUGH E W J	KEEN I	PARKS M	VERRILL L M
Warrant Officers	BENTON P R	KIDD M	PARKER J A	
HELM C	BILLANEY D J	MALEY V	RUSSELL J	Juniors
KENT A R	BRYAN C S D	McGEEVER J	SMITH G J C	BARR C G
ROBERTS B W	CARR D G L	McINTOSH J H	SMYTHE J F	CARROLL D C
TATNALL M	CRAIG E J	MUNCASTER P T	STANDAGE N	COUTTS D M
Chief Petty Officers	DENNICK W J	MYHILL C G	STEWART M R B	DAVIS M R
ALLEN J	EDNEY N A	PALETHORPE M A	WALKER G	DAY W N
ANDERSON A N	EWING W	PATTERSON D A D	WESTON J P	FIRMAN P A
BATEMAN R	FITZGERALD M C	SCOTT A R	WILLOWS J M	FOWLER S P
BERRY S G	FOSTER B A	SHREAD S J	WILLDIG J M	GREENHALL W I
BEZANI R C	FURZE D J H	SMITH S		HAMMOND P
BIRKETT G H	GLADWIN M E	SOUTHERN I	Ordinary Rates	HAYLOR I R
BOYES N	HANCOTT A C	YARDLEY S D	ADDY M P	HOLLAND D
BURGESS D J	HART G N		BAINBRIDGE T F	MARSON A J
BURMAN P G	HEWETT N C	Able Rates	BENNETT D	MORRISON A C
CROSS J T	HOMER D W	ABBOTT B P	DUMELOW G	NEWMAN A
DERRI T	KINGS P J S	ALSFORD P C	FOREMAN N	PRICE A K
DESMOND K I	LONG K B	BAILEY K D	GOODSELL D	SAVELL J M
DREDGE G P	MAPP A D	COLVILLE S J	GOUGH G D	SEARY S
DUNNE J	McCREADIE J W	COOMBES T M	GUY C K	STEELE B W
FRANKLIN P T	McKENNA B R	DAVIS M P	HIRD D C	WADHAM A
HARE I R	NEWLYN J C	FARRAND B	JONES K C	WATTON S
HART G	O'CONNOR R J D	FARRIMOND R B	JOHNSON B	WELSBY J M
HARTSHORN A D	ORTON T I	FRAIN G D	KEATS R	WOLLASTON F
JACKSON H R	PRATT S P	GRIMSON C K	KEMPEN M J	
KIFT D T	SMITH C	HANCOCK D	MARSH P W	
MARSHALL D	STOCK R K	HASTINGS S F	McCOY P S	
PEARCE R J	TAYLOR C M	HOWE R G	NEWBY B	
PEERLESS G G	THOMPSON P N	HYNES S M	O'GRADEY R M	

WEAPON ENGINEERING DEPARTMENT

Cdr A C G WOLSTENHOLME Lt Cdr C DEAKIN Lt R L DUKE Lt G M FAIRHURST Sub Lt M E MAIRIS	McGUIRE T MOONEY O A NICHOLSON P J SHEPHERD G THOMPSON G N	Leading Rates BECK D COURTNADGE S N EDWARDS F J HANRAHAN C J C INCE A C JOHNSON R D McKIBBIN G PARKINSON S J WILLIAMS D A	FRANKS S HALL V HITCH P W HOUGHTON J KILMARTIN K T LANKSHEAR A P LEWIS B MORGAN K M O'SULLIVAN M T PEARCE C J TILLEY J WATERHOUSE A J WHITE P J W WHITFIELD G	HOAR K M HOUSE M F KARPETA C SHORTEN K
Warrant Officers REED R J WICKHAM T W V	Petty Officers DAVISON J I DOYLE R GAFFNEY J HUGHES P A ROBERTS K ROWLAND N SHAW R H SMITH J D STEEL A J WHITING A	Able Rates BAMFORD M BANNER M N BIRCH D CLARK K G DARLEY C E	Ordinary Rates FORDER K J	Juniors BRAZIER G P COLE G
Chief Petty Officers BAIRD A COX J M P T EVANS R G FELL T S FERRAND B D HANDS J D				WEA Apprentices ASHUN S CHAMBERS P CREASY S M DAVIES S P DICKINSON A JENNINGS S C THOMPSON B J

MEDICAL AND DENTAL DEPARTMENTS

Surgeon Cdr R J W ADAMSON
Surgeon Cdr K PENDRILL
Surgeon Lt S Q M TIGHE

Chief Petty Officers
RIGALL J A

Petty Officers
BOARD M K
URWIN R G

Leading Rates
ALDWINKLE T W
KNIGHT K B
NEWSOME B

Able Rates
D'SOUZA R J

INSTRUCTOR METEOROLOGY AND OCEANOGRAPHY DEPARTMENT

Cdr D J NEWING
Ltr Cdr R M V WILLIS
Lt Cdr P S MARLEY

Chief Petty Officers
WILKINSON B T

Leading Rates
KNIGHT T P
PARK S

REGULATING AND PHYSICAL TRAINING STAFF

Fleet Master at Arms
POLMAN D F

Petty Officers
GREELEY W G
HAYWARD R J
POWELL R G J

Leading Rates
BARDSLEY M J
MICKLEBURGH A
PARSONS A J

OFFICERS UNDER TRAINING

Acting Sub Lt A I CAMP
Acting Sub Lt D R McLEAN
Midshipman D ASPEY
Midshipman K J BROADLEY
Midshipman P J H CHAPMAN
Midshipman S J CHICK
Midshipman C J CONNOLLY
Midshipman M S CROSS
Midshipman J W FARMERY
Midshipman R C FORTESCUE
Midshipman T B MORAN
Midshipman D G MORGAN
Midshipman G L PEACH
Midshipman D N PICKTHALL
Midshipman A J REES
Midshipman T A C STEWART
Midshipman N M WILMSHURST

800 NAVAL AIR SQUADRON

Lt Cdr T J H GEDGE
Lt Cdr M S BLISSETT
Lt Cdr S A LOCKE
Lt Cdr R S G KENT
Lt Cdr R V FREDERIKSEN
Lt P E JENKINS
Flt Lt E H BALL
Lt M HALE
Lt A N McHARG

Warrant Officer
FCAA R F HAYTER

Chief Petty Officers
CREA(A) PALING M
BELL K
BRIDGLAND A G
DEACON K R
EVANS F T
HAMLIN C J
HARTLEY B H
JOHNSTONE B R
McCAFFERY G F
MIDGLEY P
MOULD R H

SANDERS J D
SWANNEY I N
TURNER M D
TYLER R J
WIFFIN A F
WITTERICK D L
WOOD C A

Petty Officers
BAXTER A P
BILLING J T
FREESTONE R J
GORDON D P
HUDGELL M L
JAYES M C
JONES A F
KAY G G
KITCHEN P W
LOOMES A P
LOVEDAY J W
MANN J
MARTIN I
MATTHEWS A R
MORGAN J T
MOTTERSCHAW R J

NEAL C R
RAPELY G G
SMITH L
TIERNEY T J
TURNBULL J S
YOUNG B R

Leading Rates
ASHMORE C D
BEARDSHAW P M
BELL C J
CLAY B W A
CRISP P
CUPPER J A
DAY P J
DIVALL P G
FLACK I M
GELLET R P
GOODENOUGH R J
GROUNDS S
LEAK M A
MATTHEWS K W
MORTIMORE A
SAUNDERS D
SMITH P J

TOWNER I T
TURNBULL K
WATTS A C
WRIGHT S D

Ratings
BEWS S G
BROWN G M
BULL G
BUNWORTH P
BUNYAN P K
CAMBRAY P J
CHAMBERS D
CHURCH S A J
CLARK S C
COBHAM R C
DUFFY C D
EDWARDS A G
ELKINS R
FLINT S E
FOSS S
GEMMELL D G
HILL M R
HOLROYD G G
HOPPER A T

HUDSON P L
HUME G H
JARRETT C J
JENKINS P D
LAING I
McCLUNG J T
MORSE A C
NORTON A E
ORR J I
QUINN G N
RAINEY A
RICHARDS P D
RODERICK K
RYAN L J
SHEPHERD P J
SMITH D W
SMITH S B
SMITH S D
TRIBE G D
WADSWORTH
WARNER G C
WEST C J
WITTON E H
WYLD S G

Lt Cdr C P YOUNG	Sub Lt P J THORNTON	COOPER A J	MIDDLETON G	GUSTARD P
Lt Cdr G Q S PARKER	Sub Lt S W MARLOW	DE-FRAINE J J	MURRAY S E	HULL J A
Lt Cdr M S BURNETT		FLORENCE B G	ORME S C	KEENAN J S
Lt M L L JONES	Chief Petty Officers	FOULKES C C	PITTAWAY A M	MASON M
Lt R J GREEN	BOURNE C	HITCH D J	RUNCIMAN R W	MAUNDER J G
Lt W J H WESTERN	COPPIN P D	MATHESON P	SCOTT B A	MOUNSER P
Lt G P CASS	DARLINGTON A	NEVETT A L	SHAINBERG G	POINTER S D
Lt R L SMITH USN	DICKINSON M	O'CONNOR T J	SHERRIFF C P	SHARP A P
Lt C J SQUIBB	FRY R G	PARKER N F	TROTMAN J D	SMITH S A
Lt C G T WILSON	HOAR R G	THACKRAY I		SNAITH S T
Lt C J BRYNING	LING R A	WILLETT J A	Able Rates	TAYLOR C
Lt M D PIGGOTT	PERRY C R		BOSTOCK D T	THOMAS G L
Lt N A M BUTLER	RADLEY A W	Leading Rates	BUTT J W	THOMAS R H
Lt H R RIDGWAY	WAGSTAFF P E	BLACKBURN N C	COOMBS R	TOGNERI P J
Lt J C SMITH	WHITE J	COOTES P E	CORRIGAN S G	WAITE H C
Sub Lt S J MURRAY		DODD S W	DALE N R	WALLER K D
Sub Lt R B RAYMOND	Petty Officers	HOBSON J S	DICKINSON P	WHITE A M
Sub Lt E J BUCKETT	ADLINGTON T R	JACKSON I R	DUFFIELD T J	
Sub Lt M G CRIBLEY	ASHMAN D	LEVER F J	DUNN A J P	
Sub Lt R W BATEMAN	BURNS R J	MAXTED R	GIBSON J N	

772 'B' FLIGHT — HELICOPTER DELIVERY SERVICE

Lt M S SALTER	Chief Petty Officers	Petty Officers	Leading Rates	Able Rates
	ELRICK G S	FINLAYSON D J	LEWIS T T A	FARTHING N T
	DEAN T B	TARRANT R E	CLARKSON S J	INGRAM A F
		BROOKS M R		WELLSTEAD W J