

## PERSONAL NEWS

**Admiral Sir Lindsay Bryson, K.C.B., B.Sc., F.Eng., F.R.S.E., F.I.E.E., F.R.Ae.S.**, retired in January 1985, having been Controller of the Navy since 1981.

Admiral Bryson joined the Navy as an electrical mechanic in 1945. After service in 1946 in the battleship H.M.S. *Anson* as an Electrical Midshipman, R.N.V.R., he was trained in air electrical equipments and appointed in 1947 to the Telecommunications Research Establishment (TRE), now the Royal Radar and Signals Establishment (RSRE) at Malvern, to work on airborne radar. In 1948, while still at TRE, he obtained an external B.Sc. degree with 1st Class Honours in electrical engineering from London University. He also found time to play rugby for Malvern in addition to his naval duties and degree studies. He was offered and accepted a permanent commission in the Royal Navy. In 1949 he joined the Naval Air Radio Maintenance Group, introducing new airborne radars into service in the Fleet Air Arm. Two years later he went to the U.S.A. to be trained on Skyraider aircraft. On his return he became the first Air Electrical Officer of the R.N. Skyraider squadron at R.N.A.S. Culdrose and later embarked in H.M.S. *Eagle* during her first commission. Returning from the Fleet Air Arm to general service in 1954. Lieutenant Bryson served in frigates and destroyers until 1956 when, on promotion to Lieutenant-commander, he was sent to the Department of Electrical Engineering (DEE) at Bath. There he spent 2 years on control systems before joining H.M.S. *Tiger*, building on the Clyde, in late 1958. *Tiger* commissioned early in 1959 and deployed to the Mediterranean.

He was promoted commander in 1960 and returned to Naval Aviation for 2 years with the Naval Aircraft Department in London. In 1963 he began a year's post-graduate course in guided weapons at the Royal Military College of Science, Shrivenham, after which he joined H.M.S. *Fife*, then building on the Clyde, as the Weapons Engineer Officer. Promoted captain in 1967, he returned to the Naval Aircraft Department in London as an assistant director and in 1970 took command of the Royal Naval Air Station at Lee-on-Solent, H.M.S. *Daedalus*, which also housed the Naval Air Engineering School and a number of smaller units including accident investigation, trials, aircraft salvage, Solent Search and Rescue, and the Naval Aircraft and Marine Engineering Examination Board.

After a year at the Royal College of Defence Studies in 1972 he became Director Naval Guided Weapon Systems in 1973 and Director Surface Weapon Systems as a commodore in 1975. Early in 1977 he was promoted rear-admiral and appointed Director General Weapons (Naval), responsible for the development and procurement of all ship and submarine weapon systems. From 1979 until 1981 he was also Chief Naval Engineer Officer. In July 1979 he was promoted to vice-admiral. He was created K.C.B. in the New Year Honours List 1981 and appointed Controller of the Navy and a member of the Admiralty Board in March 1981. In August 1983 he was promoted admiral, the first Weapons Electrical officer to achieve the rank.

**Rear-Admiral F. Bowen, C.Eng., M.I.Mech.E.**, retired from the Navy in December 1984, having spent the last two years as Special Project Director in the Sea Systems Contollerate.

Captain Bowen joined the Navy as a special entry cadet in January 1948 and, after training at the B.R.N.C., Dartmouth and in H.M.S. *Devonshire*, served in H.M.S. *King George V* before taking the Basic Engineering Course

at the R.N.E.C., Manadon. Having obtained his ME watchkeeping certificate in H.M.S. *Ocean*, he specialized in ordnance engineering and served at sea in H.M. ships *Swiftsure* and *Jamaica*, before attending the Advanced Ordnance Engineering Course at the R.N.C., Greenwich. After a brief appointment on the staff at H.M.S. *Cambridge*, he joined H.M.S. *Eagle* and two years later became the First-of-Class Trials Technical Officer in the XP Department of H.M.S. *Excellent*. In 1960 he was appointed to the post of Naval Weapons Overseer at Messrs. Cammell Laird, Birkenhead, during the building of H.M.S. *Devonshire* and H.M.S. *Leander* and two 'O' Class submarines. During 1962-3, he took a post-graduate course in guided weapons systems at the Royal Military College of Science, Shrivenham and subsequently joined the newly-formed Polaris Executive in which he held seven different appointments ranging from Assistant Sub-system Equipment Officer to Deputy Chief Polaris Executive. He served as Naval Polaris Weapon Overseer at Messrs. Cammell Laird during the building of the submarines *Renown* and *Revenge*, and also held the post of Senior Technical Officer on the staff of the R.N.'s Special Projects Representative (SPRN) in Washington D.C. from 1968 to 1970. He was promoted to the rank of commander in June 1966 and to the rank of captain in June 1974. From 1976 to 1978 he held the post of SPRN. Interspersed with his several appointments in the Polaris field, he served as the Squadron Weapons Engineer Officer in H.M.S. *Scylla* (1971-3); the Missile Procurement Officer for R.N. *Ikara* (1973-4); and attended the Royal College of Defence Studies, Seaford House, in 1979. He was then engaged, as the Deputy to the Chief Polaris Executive, in the negotiations for the R.N.'s new Trident programme. In June 1981 he became Captain of H.M.S. *Collingwood*. It was from there that he was promoted rear-admiral in December 1982 and he became Special Project Director in what was then DGW(N).

**Rear-Admiral J. E. K. Croydon, M.A., C.Eng., F.I.E.E.**, retired in December 1984, his last post having been Deputy Controller Warship Equipment.

Admiral Croydon joined the Navy in 1947 as a special entry cadet (L) in the newly formed Electrical Branch. After a year at Dartmouth and in the training cruiser he studied engineering as an undergraduate at Selwyn College, Cambridge, from 1948 to 1951. After graduating he continued his training with electrical engineering application courses at H.M.S. *Collingwood*, industrial training with several firms, and six months in H.M.S. *Vanguard*. In 1954 he joined H.M.S. *Verulam* as the Electrical Officer and, in August of the same year, transferred to H.M.S. *Undine* then converting at Alexander Stevens on the Clyde. At the end of 1954 he was appointed to the ASRE, Portsdown, as a technical applications officer concerned with communications projects. In 1957, he joined the Department of Electrical Engineering at Bath, and the following year joined the Weapons Department, Bath. In 1961, after two years on the staff of the Britannia Royal Naval College, Dartmouth, he joined the guided missile destroyer H.M.S. *Devonshire*. Subsequently he served as technical applications officer at the ASWE, Portsdown, and, after promotion to the rank of commander in June 1966, was appointed to the Ministry of Defence, London, with the Polaris Executive. On completing the Joint Services Staff Course at Latimer, he became the Weapons and Electrical Officer of H.M.S. *London* in 1970, being promoted to captain in December 1972. He then joined the Controller of the Navy's Department, London, before, in 1975, becoming Captain Weapons Trials. In 1977, he was appointed Deputy Director Surface Weapons Projects, and in the following year he himself became the Director, as a commodore. Then in January 1981 he was appointed Director General Weapons (Naval) as an acting rear-admiral, being confirmed in the rank one year later. Under the 'new look' reorganization of 1983 he became Deputy Controller Warship Equipment.

**Rear-Admiral G. G. W. Marsh, C. B., O.B.E., M.A.**, the Deputy Controller Warship Equipment, becomes Chief Naval Engineer Officer in July 1985.

**Captain P. Badcock, C.B.E., C.Eng., M.I.Mech.E., F.I.Mar.E., F.B.I.M.**, who until recently was the Captain Fleet Maintenance and Chief Staff Officer (Engineering) on the staff of Flag Officer Portsmouth, retired from the Navy in February 1985.

Captain Badcock entered the Navy as a special entry cadet in January 1948. After training at B.R.N.C. Dartmouth and the training cruiser *Devonshire*, he continued his sea training as a midshipman in H.M.S. *Vanguard*. In September 1949 he joined the R.N.E. College at Manadon for Basic Engineering courses, on completion of which he was appointed to H.M.S. *Unicorn* in the Far East to obtain his watchkeeping certificates. He returned to Manadon and Keyham in 1953 to undertake the Marine Engineering Application Course and then in 1954, after a short sojourn in H.M.S. *Raleigh* as a new entry training officer for national servicemen, he was posted to H.M.S. *Ocean* as a watchkeeping officer. Next came two years on the staff of the Officers' Divisional Course at H.M.S. *Victory*, and in 1957 he was appointed as Senior Engineer of H.M.S. *Decoy* in the Mediterranean and later off Iceland in the first Cod War. This was followed by an appointment in 1959 to H.M.S. *Fisgard* as a Craft Training Officer, and in 1961 he became the Marine Engineer Officer of H.M.S. *Protector* the Ice Patrol Vessel in the Antarctic. On return from those waters in 1963 he joined H.M.S. *Eagle* as Damage Control Engineer Officer and continued as Senior Engineer until 1966 when he went to H.M. Dockyard Gibraltar as Marine Engineering Assistant.

Promoted commander in 1968, he was appointed as Squadron Marine Engineer Officer in H.M.S. *Dido* with the Standing Naval Force Atlantic and later transferred to H.M.S. *Phoebe* in the Indian Ocean and Far East. On return to the U.K. in 1970 he was sent to H.M. Dockyard Devonport as Assistant Production Manager in the Big Ship Division. From 1973 to 1975 he was Staff Marine Engineer Officer on the staff of F.O.S.T. A further period of four years at Devonport Dockyard followed now as Deputy Production Manager until December 1979 when he took up his appointment as Fleet Marine Engineer Officer at Portsmouth and subsequently at Northwood. During the Falklands campaign he was in command of the Battle Damage Repair Teams embarked in M.V. *Stena Seaspread*. He returned from the South Atlantic to take up his final appointment at Portsmouth in October 1982. He was made a C.B.E. in the Falklands Honours List.

**Captain J. R. Bussell, M.Sc.**, retired from the Navy in November 1984, having been the last Captain Superintendent of Vulcan Naval Nuclear Propulsion Test Establishment.

Captain Bussell entered the Navy in 1951 as a 16-year old entry. After 2 years at Dartmouth and cadet training in H.M. ships *Devonshire* and *Triumph* he qualified from the Royal Naval Engineering College in 1956 and obtained his engineering watchkeeping certificate in H.M.S. *Warrior*. Specializing at Manadon as a Marine Engineer, his first appointment was as a watchkeeper in H.M.S. *Ceylon*. This was followed by appointments to H.M.S. *Raleigh*, H.M.S. *Berwick*, and R.N.C. Greenwich for a nuclear reactor engineering course. This latter qualification led to 3 years with DPT in the Ship Department. Appointments as the Senior Design Engineer at Manadon and Engineer Officer of H.M.S. *Hermione* followed.

Promoted commander in 1972, a Master's degree in reliability engineering from Birmingham University preceded 3 years in the machinery controls section of the Ship Department and an appointment as the M.E.O. of H.M.S. *Sheffield*. He was then sent to the Directorate of Naval Administrative Planning in Whitehall and followed this by moving to Mombasa to reinstate the post of Royal Naval Liaison Officer at the start of the Gulf war. He was promoted to captain in December 1981 and appointed to Vulcan in the following August. On retirement he has become Marine Marketing Manager at Rolls-Royce, Ltd.

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