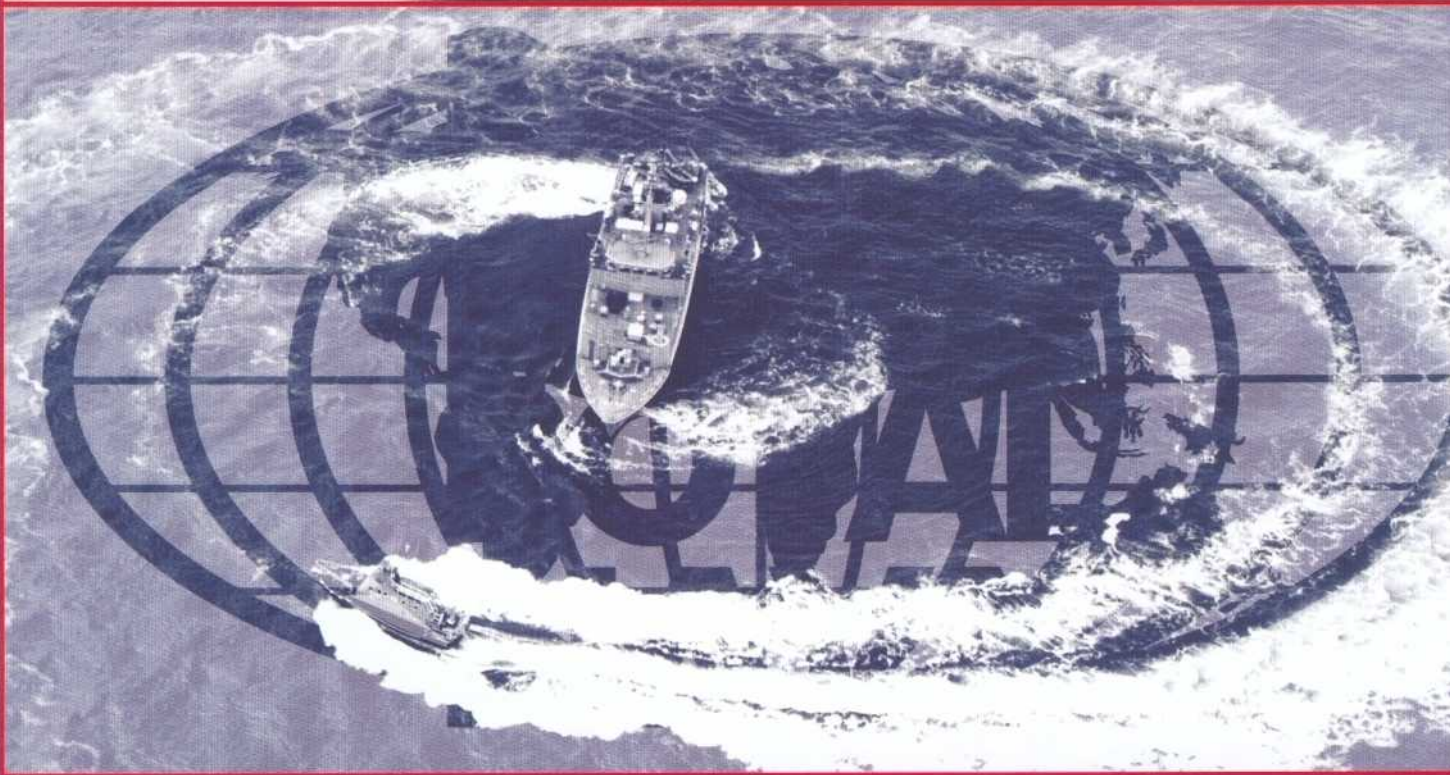


The Royal Navy **TODAY**

2001 Edition



The Team Works

www.royal-navy.mod.uk





THE MARITIME WORLD

Sea covers 70% of the Earth and offers unrestricted global access to the 150 countries with a coastline. Two thirds of all people live within 100 miles of the coast.

The UK is both an island and a major trading nation: the sea is our international border and our trade route to the world.

The UK is responsible for the defence of its 13 overseas territories (including Bermuda, Gibraltar and the Falklands).

We have a responsibility to work within organisations like the UN and NATO to make the world a safer place.

The Royal Navy has played an important role in serving the UK's interests for over 600 years. As the world changes, so does the Navy's job, but we are as busy now as we have ever been. The role of the Royal Navy today can be broadly summed up in 2 objectives:

- ***To defend the UK and our interests abroad.***
- ***To act as a force for good in the world.***

WHAT DOES THE NAVY DO?

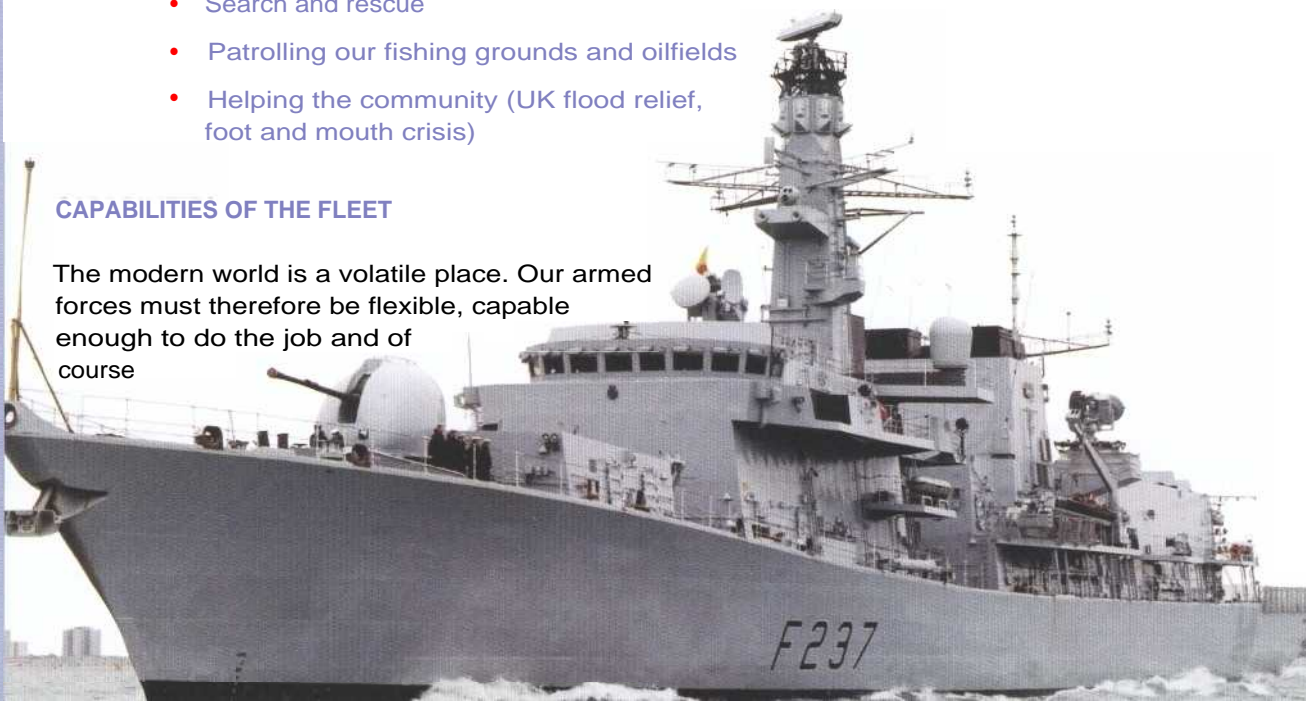
Every day of the year, the Royal Navy provides the nation's continuous nuclear deterrent.

In addition, we are routinely involved in:

- Conflicts and peacekeeping (Sierra Leone, Kosovo, Iraq)
- UN sanctions enforcement (Adriatic, Arabian Gulf)
- Humanitarian relief (Mozambique, Albania)
- Anti-drugs patrols (especially the Caribbean)
- Search and rescue
- Patrolling our fishing grounds and oilfields
- Helping the community (UK flood relief, foot and mouth crisis)

CAPABILITIES OF THE FLEET

The modern world is a volatile place. Our armed forces must therefore be flexible, capable enough to do the job and of course





affordable to the taxpayer. Almost all operations have land, sea and air aspects and it is the job of the Royal Navy to provide the maritime contribution to these "joint" operations. This entails us working closely with the armies and air forces of both the UK and other countries. We maintain a well balanced force of around 130 ships ranging in size from aircraft carriers to patrol boats.

We have 38,000 men and women, including 6,000 Royal Marines, the Navy's own soldiers. We value our people highly and are proud to set professional standards which are the envy of the World.

The capability of the Royal Navy is built around 3 key areas:

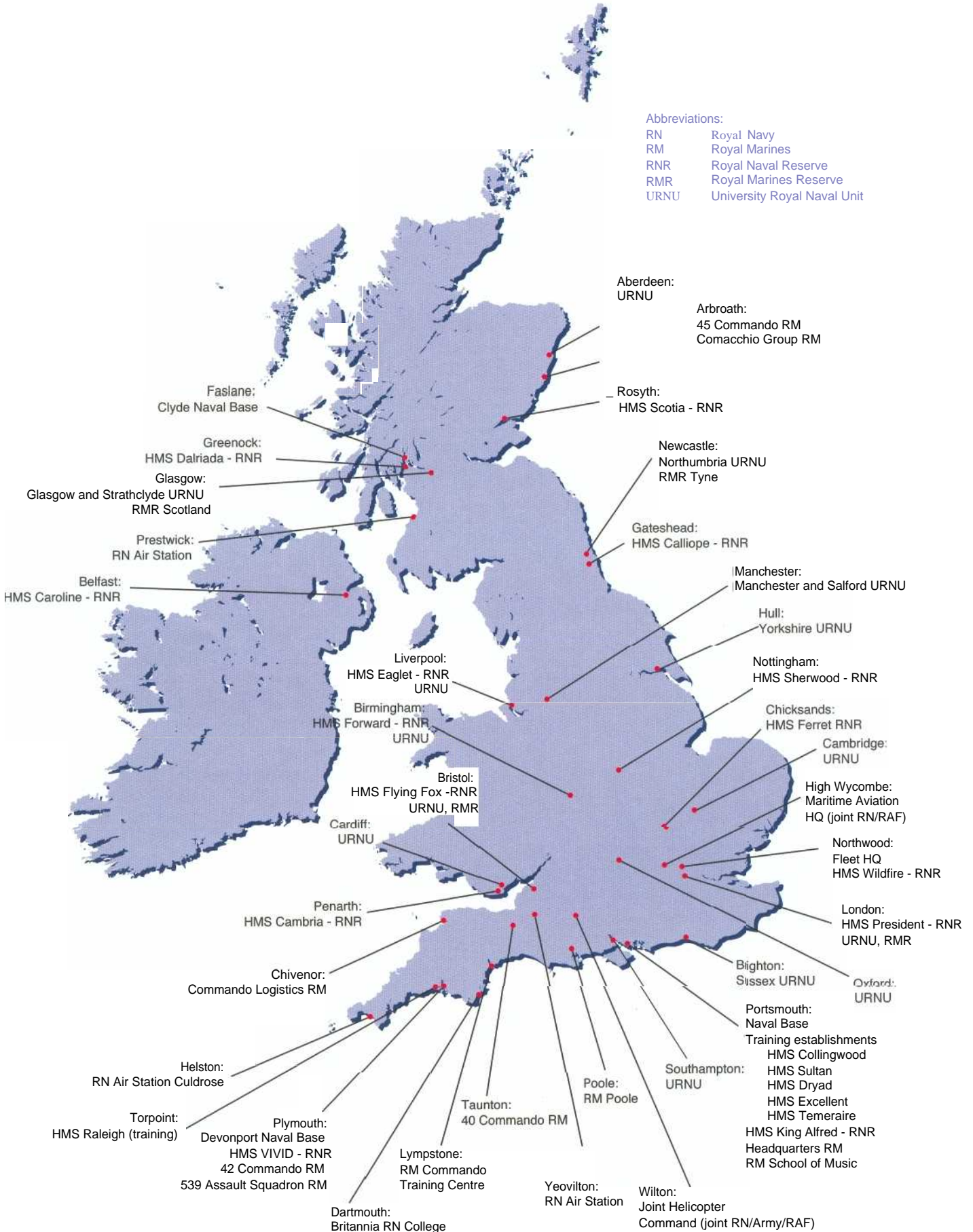
- **Carrier-borne aircraft:** allowing us to control the air as well as the sea and to project power inland. Our aviators - the Fleet Air Arm - provide the air groups which include Sea Harriers and Merlin helicopters. RAF Harriers can and do frequently embark, bringing extra capabilities. Our three Invincible class aircraft carriers will remain in service until about 2011 when they will be replaced by 2 much larger ships operating the new Joint Strike Fighter.
- **Nuclear powered submarines:** for long range, stealthy operations and precision land attack capability with Tomahawk missiles. We currently operate Trafalgar and Swiftsure class submarines, but the ageing Swiftsures will soon be replaced by the ultra modern Astute class. The stringent safety requirements of nuclear power mean that our submarines are operated to the highest of standards.
- **Amphibious forces:** which allow us to land troops and firepower directly from the sea. This is important in that we can deploy our forces around the World without having to pass through other countries. Specialist amphibious ships insert the Royal Marines straight into action, supported by helicopters and combat aircraft from our carriers.

Around these key elements is built the rest of the Fleet. Frigates and destroyers, mine countermeasures vessels, survey ships and the logistic support ships of the Royal Fleet Auxiliary complete the picture.

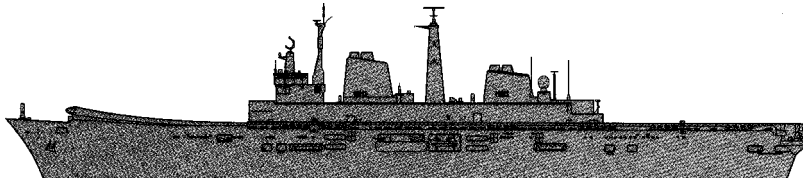
In addition to all this, it is the Navy's job provide the nation's nuclear deterrent, the ultimate guarantee of our national security. To achieve this, one Vanguard class submarine, armed with Trident missiles, is on patrol at all times.



The Royal Navy in the UK

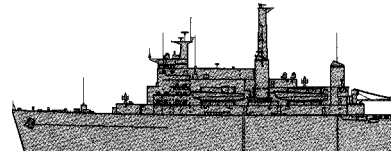


Aircraft Carriers



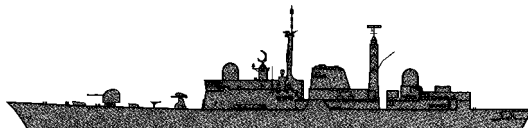
INVINCIBLE	R05	Displacement	20,000 tonnes
ILLUSTRIOUS	R06	Length	210 metres
ARK ROYAL	R07	Beam	36 metres
		Complement	682 + 366 for air squadrons
		Armament	Goalkeeper gun system, close-range guns

Amphibious Ship



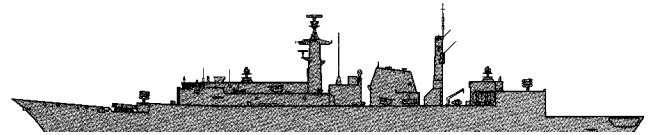
FEARLESS	L10	Displacement	11,582 tonnes
		Length	158 metres
		Beam	24.4 metres
		Complement	547
		Armament	Phalanx gun system

Type 42 Destroyers Batch 3 (Stretched)



MANCHESTER	D95	Displacement	3,880 tonnes
GLOUCESTER	D96	Length	139 metres
EDINBURGH	D97	Beam	15.2 metres
YORK	D98	Complement	269
		Armament	114mm gun, Sea Dart missile system, Phalanx gun system, anti-submarine torpedo tubes, close-range guns, Lynx helicopter

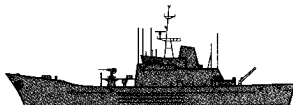
Type 22 Frigates Batch 2



SHEFFIELD	F96	Displacement	4,600 tonnes
COVENTRY	F98	Length	148 metres
		Beam	14.7 metres
		Complement	256
		Armament	Exocet missile system, Seawolf missile system, anti-submarine torpedo tubes, close-range guns, Lynx helicopter

(Coventry decommissions late 2001)

Island Class Offshore Patrol Vessels



ANGLESEY	P277	Displacement	1,100 tonnes
ALDERNEY	P278	Length	59.5 metres
GUERNSEY	P297	Beam	10.97 metres
SHETLAND	P298	Complement	37
LINDISFARNE	P300	Armament	40mm close-range gun

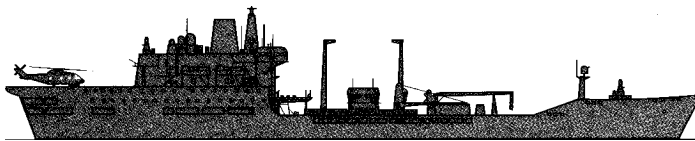
P2000 Patrol Boats



ARCHER	P264	BLAZER	P279	EXPRESS	P163	Displacement	40 tonnes
BITER	P270	DASHER	P280	EXPLORER	P164	Length	20.0 metres
SMITER	P272	PUNCHER	P291	EXAMPLE	P165	Beam	5.8 metres
PURSUER	P273	CHARGER	P292	EXPLOIT	P167	Complement	10
TRACKER	P274	RANGER	P293				
RAIDER	P275	TRUMPETER	P294				

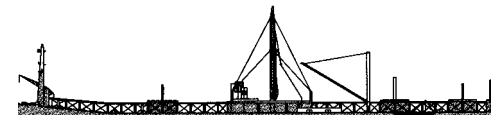
Royal Fleet Auxilliary Ships

Fleet Tankers



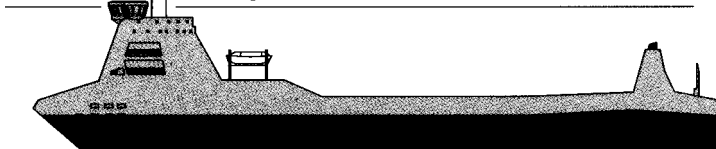
WAVE KNIGHT and WAVE RULER building
Due in service 2002

Support Tankers



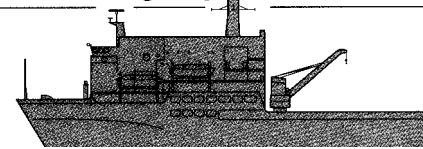
OAKLEAF	A111	Displacement	49,377 tonnes
		Length	173.7 metres
		Beam	32.2 metres
		Complement	36 RFA
BRAMBLELEAF	A81	Displacement	40,870 tonnes
BAYLEAF	A109	Length	170.7 metres
ORANGELEAF	A110	Beam	25.94 metres
		Complement	56

RoCon Strategic Sea Lift



SEA CENTURION	A87	Displacement	12,350 tonnes
SEA CRUSADER	A96	Length	182 metres
		Beam	26 metres
		Complement	17

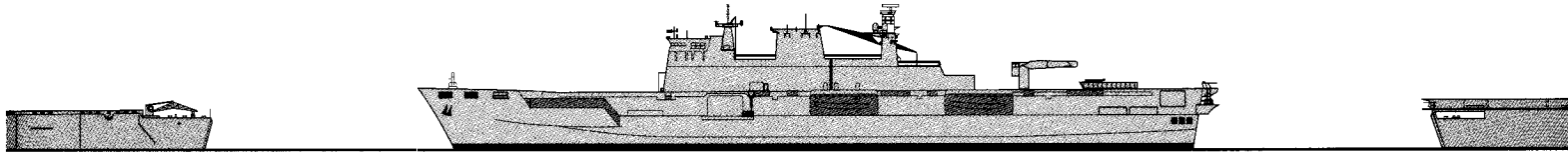
Aviation Training Ship



ARGUS	A135	Displacement	28,080 tonnes
		Length	175 metres
		Beam	30 metres
		Complement	79 + 137 for air squadrons
		Armament	Twin 30mm guns

Amphibious Ship

Amphibious S



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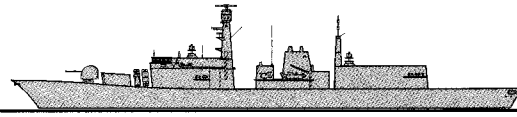
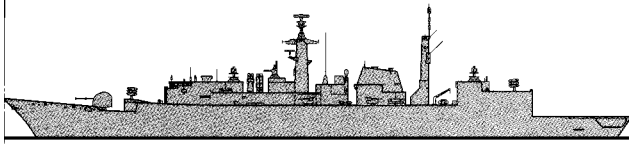
OCEAN L12 Displacement 20,500 tonnes
 Length 203 metres
 Beam 28.5 metres
 Complement 265 + 180 for air squadron
 Armament Phalanx gun system, close-range guns

ALBION and BU
 Due in service 20

n system, close-range guns

Type 22 Frigates Batch 3

Type 23 Frigates



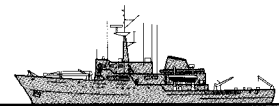
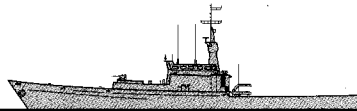
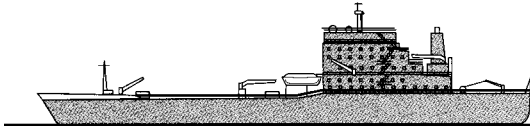
CORNWALL F99 Displacement 4,600 tonnes
 CUMBERLAND F85 Length 148 metres
 CAMPBELTOWN F86 Beam 14.7 metres
 CHATHAM F87 Complement 259
 Armament 114mm gun, Harpoon missile system, Seawolf missile system, anti-submarine torpedo tubes, Goalkeeper gun system, close-range guns, Lynx helicopter

NORFOLK F230	GRAFTON F80	Displacement 3,500 tonnes
ARGYLL F231	SUTHERLAND F81	Length 133 metres
MARLBOROUGH F233	SOMERSET F82	Beam 16.2 metres
LANCASTER F229	KENT F78	Complement 173
IRON DUKE F234	PORTLAND F79	Armament 114mm gun, Harpoon missile system, vertical launch
MONMOUTH F235		Seawolf missile system, anti-submarine
MONTROSE F236	ST ALBANS F83	torpedo tubes, close-range guns, Lynx
WESTMINSTER F237		helicopter
NORTHUMBERLAND F238		
RICHMOND F239		

Ocean Survey Vessel

Castle Class Offshore Patrol Vessels

Coastal Survey Vessels



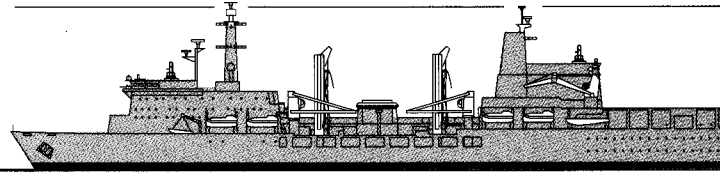
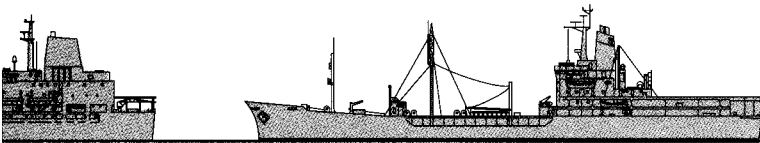
SCOTT A131 Displacement 13,500 tonnes
 Length 131 metres
 Beam 21.5 metres
 Complement 63

LEEDS CASTLE P258 Displacement 1,475 tonnes
 DUMBARTON CASTLE P265 Length 81 metres
 Beam 11.5 metres
 Complement 42
 Armament 30mm close-range gun

BEAGLE H319 Displacement 1,135 tonnes
 Length 57.7 metres
 Beam 11.4 metres
 Complement 44

Small Fleet Tankers

Fleet Replenishment Ships



GREY ROVER A269 Displacement 11,522 tonnes
 GOLD ROVER A271 Length 140.6 metres
 BLACK ROVER A273 Beam 19.2 metres
 Complement 54

FORT VICTORIA A387 Displacement 31,565 tonnes
 FORT GEORGE A388 Length 204 metres
 Beam 30.3 metres
 Complement 95 + 15 PIN + 24 Civilian stores personnel + 154
 Armament Single 30mm gun and Phalanx gun system

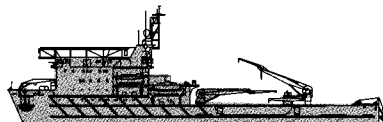
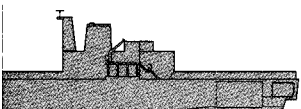
SUBMARINES

All Nuc

Ballistic Missile Submar

Forward Repair Ship

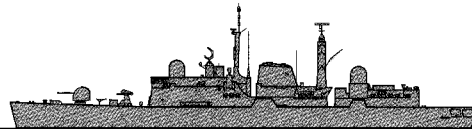
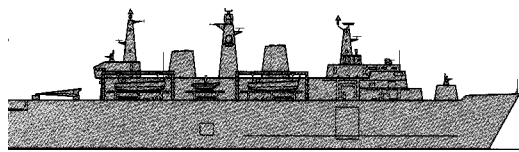
Trident Class



DILIGENCE A132 Displacement 10,765 tonnes
 Length 112 metres
 Beam 20.5 metres
 Complement 38

VANGUARD Displacement
 VICTORIOUS Length 149.1
 VIGILANT Beam 12.8
 VENGEANCE Complement 132
 Armament

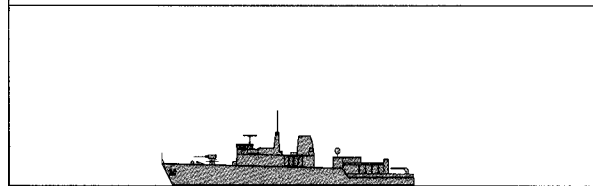
Type 42 Destroyers Batch 1 and 2



W ARK building.	Displacement	19,500 tonnes
03.	Length	176 metres
	Beam	30 metres
	Complement	325
	Armament	Goalkeeper gun system, close range guns

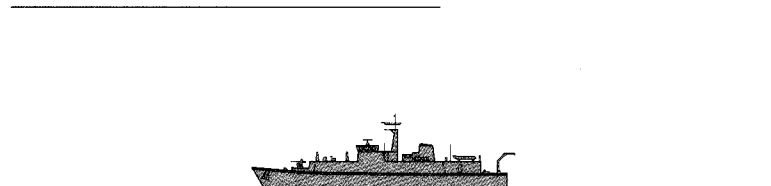
Batch 1	Batch 2	Displacement	3,560 tonnes
CARDIFF D108	EXETER D89	Length	125 metres
NEWCASTLE D87	SOUTHAMPTON D90	Beam	14.6 metres
GLASGOW D88	NOTTINGHAM D81	Complement	266
	LIVERPOOL D92	Armament	114mm gun, Sea Dart missile system, Phalanx gun system, anti-submarine torpedo tubes, close-range guns, Lynx helicopter

Hunt Class MCMV



BRECON M29	CHIDDINGFOLD M37	Displacement	685 tonnes
LEDBURY M30	ATHERSTONE M38	Length	57 metres
CATTISTOCK M31	HURWORTH M39	Beam	10 metres
COTTESMORE M32	QUORN M41	Complement	42
BROCKLESBY M33		Armament	30mm close-range gun, remote control mine disposal system
MIDDLETON M34			
DULVERTON M35			

Sandown Class MCMV's

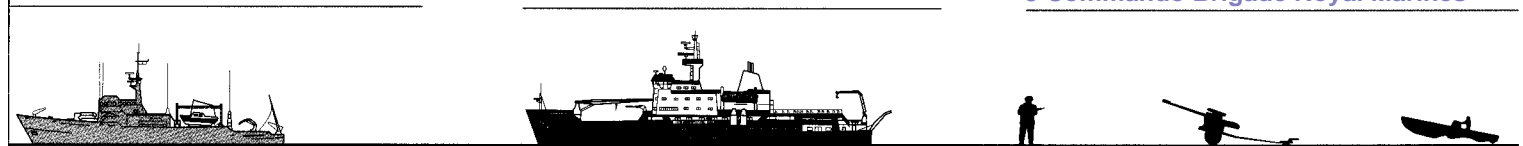


SANDOWN M101	BANGOR M109	Displacement	450 tonnes
INVERNESS M102	BLYTH M111	Length	52.7 metres
CROMER M103	RAMSEY M110	Beam	10.5 metres
WALNEY M104	SHOREHAM M112	Complement	34
BRIDPORT M105		Armament	30mm close-range gun, remote control mine disposal system
PENZANCE M106			
PEMBROKE M107			
GRIMSBY M108			

AMPHIBIOUS BRIGADE

3 Commando Brigade Royal Marines

Ice Patrol Ship

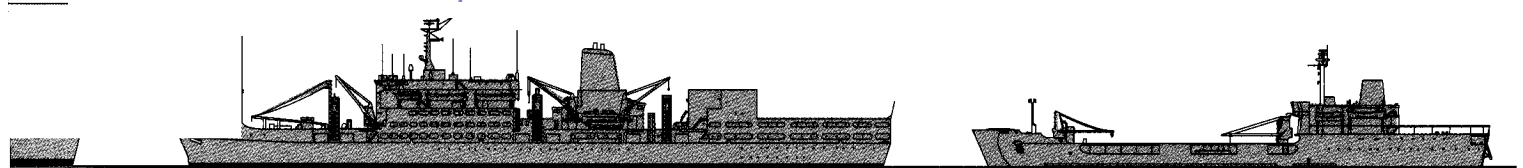


ROEBUCK H130	Displacement	1,300 tonnes
	Length	64 metres
	Beam	13 metres
	Complement	51

ENDURANCE A171	Displacement	2,500 tonnes
	Length	91 metres
	Beam	17.9 metres
	Complement	116

40 Commando 29 Commando Regiment Royal Artillery 539 Assault Sqn
 42 Commando 20 Commando Battery Royal Artillery
 45 Commando
 Commando Logistic Regiment
 59 Independent Commando Squadron Royal Engineers
 3 Commando Brigade Command Support Group
 Special Boat Service (SBS)
 Fleet Protection Group
 (Each Commando comprises 650 men)

Fleet Replenishment Ships



FORT ROSALIE A385	Displacement	23,482 tonnes
FORT AUSTIN A386	Length	185 metres
	Beam	24 metres
	Complement	114 + 45 for air squadron

SIR BEDIVERE L3004	Displacement	6,700 tonnes
SIR GALAHAD L3005	Displacement	8,750 tonnes
SIR GERAINT L3027	Displacement	5,774 tonnes
SIR PERCIVAL L3036	Displacement	5,674 tonnes
SIR TRISTRAM L3505	Displacement	6,407 tonnes
	Length	141/135/125/123 m
	Beam	19/18/17 m
	Complement	58/53/52

Swiftsure Class

Fleet Submarines

Trafalgar Class



tonnes	TRAFALGAR TALENT	Displacement	5,000 tonnes
metres	TURBULENT TRIUMPH	Length	85.4 metres
metres	TIRELESS	Beam	9.8 metres
	TORBAY	Complement	110
t D5 missiles, Torpedoes	TRENCHANT	Armament	Sub-Harpoon missiles, torpedoes, Tomahawk land attack missiles

SOVEREIGN	Displacement	5,000 tonnes
SUPERB	Length	82.9 metres
SCEPTRE	Beam	10.1 metres
SPARTAN	Complement	116
SPLENDID	Armament	Sub-Harpoon missiles, torpedoes, Tomahawk land attack missiles

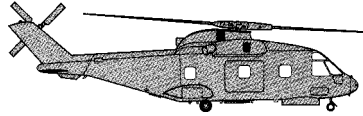
Sea Harrier FA2



Maritime high performance fighter/attack Short Take-off and Vertical Landing (STOVL) aircraft. It can carry a range of weapons in various combinations.

Crew - pilot
Length 14.1 metres
Height 3.6 metres
Span 7.7 metres
Speed 600 knots plus
Powered by a Rolls Royce vectored-thrust Pegasus engine.

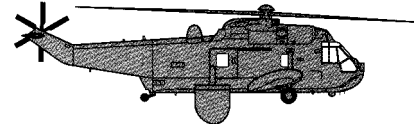
Merlin



The new Anglo-Italian helicopter. With a fully-autonomous, all weather day and night operational capability it features advanced avionics and improved performance over the Sea King which it will succeed.

Crew- pilot, observer, aircrewman
Length 22.9 metres
Rotor diameter 18.6 metres
Speed 167 knots
powered by 3 Rolls Royce RTM 22 engines

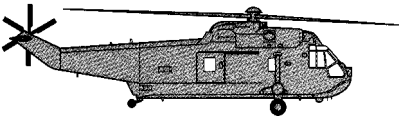
Sea King Mk7 ASAC



Airborne Surveillance & Area Control version of the Sea King provides over the horizon radar coverage with its Searchwater 2000 radar and electronic data transfer system. These are fitted on the starboard side of the helicopter in a dome which rotates up through 90° to allow the helicopter to land.

Crew - one pilot and two observers
Length 22.2 metres
Rotor diameter 18.9 metres
Speed 100 knots
Powered by Rolls Royce Gnome engines

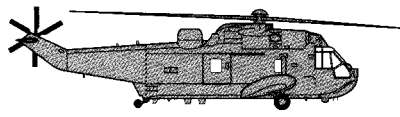
Sea King Mk4 Assault



The Mk4 version of the Sea King is optimised for amphibious assault tasks, used primarily in **support of the Royal Marines**. Carries up to 27 troops or 6,000 lb of cargo slung externally. It can operate in environmental extremes.

Crew - one pilot and one aircrewman
Length 22.2 metres
Rotor diameter 18.9 metres
Speed 100 knots
Powered by Rolls Royce Gnome engines

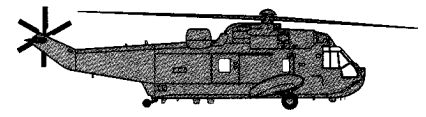
Sea King Mk6 ASW



The latest anti-submarine warfare Sea King has uprated avionics with a Sea Searcher surveillance radar in an enlarged dorsal radome, improved sonar facilities for quicker, more precise handling of acoustic data and enhanced communication and navigation systems.

Crew-two pilots, observer, sonar operator (aircrewman)
Length 22.2 metres
Rotor diameter 18.9 metres
Speed 100 knots
Powered by Rolls Royce Gnome engines

Sea King Mk5 SAR



Old Mk 5 anti-submarine warfare Sea Kings have been converted to the search and rescue (SAR) role. They are also used in maritime counter-terrorism for the covert insertion of special forces.

Crew-two pilots, observer, winchman (aircrewman), rescue diver
Length 22.2 metres
Rotor diameter 18.9 metres
Speed 100 knots
Powered by Rolls Royce Gnome engines

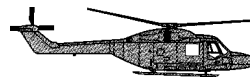
Lynx MK3/8



Advanced high speed multi-purpose helicopter. Mk8 incorporates a passive identification device and integrated sensors. Capable of carrying torpedoes, depth charges or Sea Skua missiles, it is highly effective in search and attack against surface vessels role and in the anti-submarine role.

Crew - pilot, observer
Length 13.4 metres
Rotor diameter 12.8 metres
Speed 150 knots.

Lynx MK7



The primary anti-armour weapon system of the UK Amphibious Force. Manned by RN & RM pilots, this multi-role helicopter is equipped with 8 TOW missiles capable of destroying armour at ranges up to 3750 metres. A highly effective aircraft capable of operating from land and ships, by day and night, in all theatres of operations.

Crew - 2 pilots
Length 15.2 metres
Rotor diameter 12.8 metres
Speed 120 knots.