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# PLYMOUTH NAVY DAYS

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## GENERAL INFORMATION

### SIGNPOSTS

To help you find your way just follow the colour-coded signpost system. BLUE signs point to the ships and the dockyard area; GREEN signs to the lawn display and exhibition hall; RED signs to the car parks and exits.

Sailors and Wrens will be stationed at various points in the Navy Days area to help you. Please ask them for any information you want.

### NURSERY

Children up to the age of five may be left at the nursery in HMS Drake Sick Bay free of charge (See map).

Lost Children should be taken to the nursery in HMS Drake Sick Bay (See map).

### GUIDES

### FIRST AID

Members of the Royal Navy's Medical Staff and St John's Ambulance Brigade will be on duty in the Navy Days area (See map).

Facilities are provided throughout the Navy Days area as large items of hand baggage are not permitted on board the ships (See map).

### LOST CHILDREN

### SMOKING

Smoking is allowed. But in a few places—marked by signs—visitors are requested NOT to smoke. Please be very careful everywhere to extinguish matches and cigarettes before throwing them away.

### LEFT LUGGAGE

Cameras may be brought into the Navy Days area, but it is regretted that no close photography of ships can be allowed. Out-of-doors photography is permitted in HMS Drake. Cameras are not allowed on board nuclear submarines.

### CAMERAS

### LOST PROPERTY

Lost property can be handed in at any left luggage point, at the Navy Days control bus next to the Lawn, or to any MoD policeman. Enquiries should be addressed to the Navy Days Office, HMS Drake, Plymouth.

Souvenirs are on sale at various points around the dockyard and in the Exhibition Hall. Books and posters will be on sale in the hall. (See map).

### SOUVENIRS

### FRIGATE REFIT COMPLEX

The Frigate Refit Complex is situated apart from the main Navy Days area, and a free bus service is available to take visitors there (See map).

Our advertising material and programme have to be prepared well in advance of the event, and we apologise for any unavoidable changes but hope that these will not spoil your enjoyment of Navy Days.

### PROGRAMME CHANGES

### VISITORS

Visitors are warned that no liability can be accepted by the Ministry of Defence or its agents for any accidents, loss, injury or damage sustained on Government property, however caused.

# PLYMOUTH NAVY DAYS



## TIMETABLE

9.30am—Gates open, ships open.

10.15am—Hot Air Balloon.

11.20am to 12 noon—Natwest Jazz Band (pavilion)

Noon and 5pm—Lawn Display

1pm to 1.30pm and 4.20pm to 5pm—Natwest Jazz Band.

1.30pm and 4pm—Ministry of Defence Police Dog Display.

6.30pm—Area Clear.

## YOUR GUIDE TO NAVY DAYS

Ships open for inspection .....	5-25
Map of the Dockyard .....	26-27
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# Welcome to Navy Days

**A message from Vice-Admiral Sir Robert Gerken, KCB, CBE, Flag Officer Plymouth and Port Admiral, Devonport.**

I AND all those taking part, welcome you to Plymouth Navy Days 1986 and trust that you will have an interesting and enjoyable visit to Her Majesty's Naval Base, Devonport.

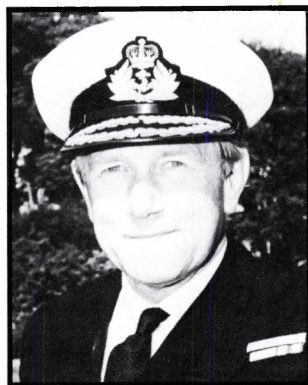
Once again we have a wide variety of ships for you to board and inspect, superb, action-packed displays on the river and the lawn as well as some highly interesting and informative exhibitions in the Drill Shed—not to mention the vast Frigate Refit Complex which is open as part of HM Dockyard's vital contribution to the success of Navy Days.

In order that Navy Days can be enjoyed by the whole family we have added a number of new attractions for 1986: a supervised children's amusements and play area is conveniently sited on the main lawn, close to the bar, and there is a new "cream tea" area. Catering is further improved by opening one of the Dockyard's main restaurants for excellent value sit-down meals.

For the more intrepid visitors there are helicopter flights providing a very different view of the ships and Naval Base. The new headquarters and diver training tank of the Plymouth Clearance Diving Team is open to the public

for the first time and, also for the first time, the superbly trained Ministry of Defence Police dogs will be giving demonstrations on the lawn.

There is certainly plenty to see and do at Plymouth Navy Days this year and I hope that your visit today will help you to share the pride of all those taking part, coming as they do from a wide



range of organisations both in the Armed Services and the many civilian bodies that make up the rich tapestry of life in the South West. A most important point to be pondered: last year we raised at Plymouth Navy Days alone more than £96,000 for Maritime Charities which provides a vital contribution to the well-being of many seafaring folk and their families.

Thank you for coming today, your understanding and support are vital in the fulfilment of our tasks.

## Royal Naval Auxiliary Service



THE Royal Naval Auxiliary Service trains volunteers—men and women—in their spare time to support the Royal Navy in their local area in the naval control of merchant shipping and in the defence of anchorages and ports.

Volunteers come from all walks of life and there are shore duties, communications and operations tasks—as well as an afloat element.

Applicants must be aged between 18 and 60, 55 for afloat work. For further

information you can contact: The Area Naval Auxiliary Officer, Officer of the Flag Officer, Plymouth, Mount Wise, Devonport PL1 4JH.

The RNXS crew the coastal training craft such as the XSV Example, pictured. Capable of speeds up to 22 knots, the new class has added a new dimension to the RNXS afloat capabilities. Example's sister ship, the Explorer, will be taking part in the river display.

## Exeter Flotilla

AFTER World War Two a unit of the Royal Navy Volunteer (Supplementary) Reserve was re-established in Exeter. When that reserve was disbanded in 1965 it was decided with Ministry of Defence approval to carry on as an association of officers with membership open to reserve and retired officers of the Royal Navy and Royal Marines. The Exeter Flotilla was born.

In the 1960s the flotilla's membership was around 20, but it now stands at more than 240. Members are proud that the membership annual subscription is only £1—and has been for more than 20 years with no signs of an increase.

Should any reserve or retired officers be interested in joining the flotilla, they should contact the secretary at Woodpeckers, 15 North View Road, Budleigh Salterton, Devon. EX9 6BZ.

## Royal Maritime Auxiliary Service

THE Royal Maritime Auxiliary Service forms the major part of the Marine Services organisation which supports the Royal Navy.

It provides a versatile, flexible and cost-effective service which includes: harbour tugs and pilots to assist ships of the Fleet when berthing and unberthing; delivering fuel, water and victualling stores with purpose-built vessels and craft to ships in harbour; transporting ammunition; ferrying personnel to and from ships at anchor or secured to buoys, and providing specially designed vessels for other tasks such as moorings and salvage, torpedo recovery, underwater research and development and degaussing.

These support operations are carried out mainly in UK waters and at Gibraltar.



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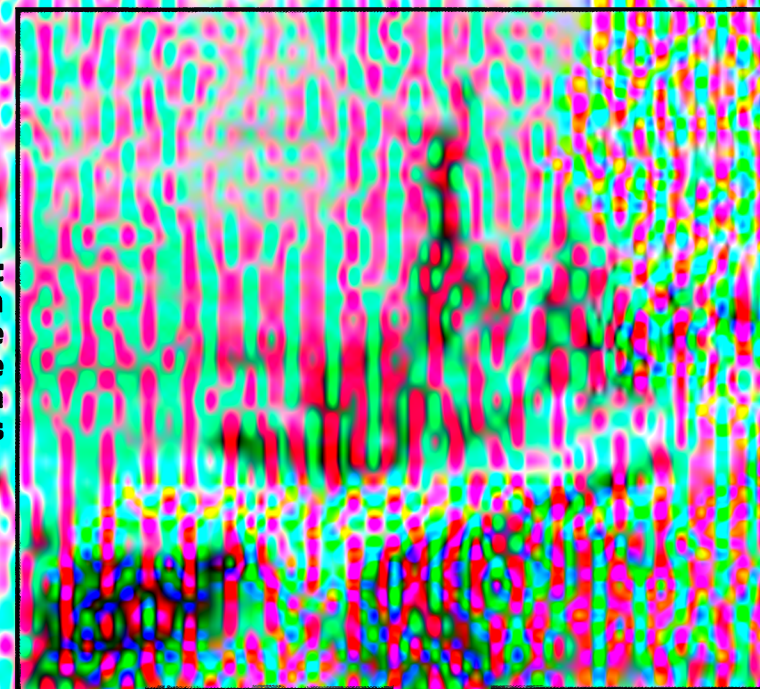
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## HMS ARGONAUT

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beaten  
in the  
battle  
off San  
Carlos**



IN 1982 HMS Argonaut saw action in the Falklands where she was damaged while operating off San Carlos. She was struck by two 1,000 lb bombs.

Fortunately both failed to explode, but nevertheless caused fatalities. The Leander class frigate limped the 8,000 miles home under her own steam and was immediately put in for repair at Devonport.

A major conversion in 1985 transformed Argonaut from a general purpose frigate into a highly specialised passive towed array frigate.

She spends most of her time in NATO areas where her towed array sonar is used to locate and monitor submarines at long range.

Argonaut is also available for a wide range of national commitments such as

protection of our 200 mile exclusion zone, goodwill visits and many other traditional tasks which have fallen to the frigates of the Royal Navy.

### FACTS AND FIGURES

**Displacement:** 3,000 tons

**Length:** 113 metres

**Beam:** 12.5 metres

**Armaments:** Exocet, Seacat; 2 x 20 mm guns

**Aircraft:** Lynx helicopter

**Propulsion:** Two double reduction geared turbines, two shafts

**Speed** 30 knots

**Complement:** 18 officers, 218 ratings



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## River trips

A VISIT to Plymouth Navy Days is not complete for some visitors without a trip on the river.

One of the ships performing the popular task this year is HMS Millbrook, one of the three ships which form the Royal Navy's In-shore Training Squadron.

Her task, with HM ships Manly and Mentor, is dedicated to training the young men from the new entry establishment at HMS Raleigh.

For most of the trainees this is their first opportunity to experience the demands of life at sea.



Trips on the river will be run continuously throughout Navy Days. See the map on page 26-27 to find 13 wharf from where HMS Millbrook will be operating.

There will also be an RNXS vessel taking river trip passengers, and landing craft trips are also available (See map).

## HMS Drake

THE task of HMS Drake is to serve the Fleet, both operational and refitting. While the Dockyard refits the ships, Drake provides the facilities to support and refresh the ships' companies—accommodation, education, training and sport as well as medical, dental, spiritual and personal families services.

The Royal Navy Barracks were first occupied on June 4, 1889. They were eventually commissioned as HMS Vivid and retained this name until January 20, 1934, when they were renamed HMS Drake.

With the introduction of centralised drafting and the dispersal of training, the requirement for a barracks as such ceased, and since 1961 HMS Drake has been a shore establishment and an accounting base for ships refitting in HM Dockyard and for men waiting draft and on course in the various instructional schools administered by the Commodore, HMS Drake.

A major modernisation programme is being undertaken to update accommodation, roads and services and to improve amenities.

## Clearance diving team

NAVY DAYS 1986 sees the new diving centre open to the public for the first time.

The modern centre is not due to be opened officially until October, but you can see the centre during your visit unless the facilities are required to deal with an emergency.

Among the new features are a trials tank and a large hyper-baric section.

The Plymouth Clearance Diving Team is responsible to the Flag Officer Plymouth for: Diving in the event of a submarine accident or similar emergency salvage requirements; explosive ordnance disposal (EOD) in the Plymouth Command; back-up to the Fleet Clearance Diving Team on a worldwide basis; demolition training; ship repair and routine maintenance; continuation training for ships' diving teams.

The team is mobile with its own road and sea transport and has a diving capability of 55 metres (180 ft).

EOD tasks include dealing with Second World War mines in the team's area.



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## HMS AMBUSCADE

### A pioneer in naval design

THE eighth Royal Navy ship to bear the name **HMS Ambuscade** completed a 15-month restorative refit in Devonport at the end of last year.

She successfully carried out post refit sea trials and work up to April.

Since then she has been involved in gunnery training in the Mediterranean, Staff College sea days and fleet trials. So far this year the Type 21 frigate has visited Gibraltar, Port Vendres on the French Mediterranean coast and Lisbon.

HMS Ambuscade was commissioned in 1975. At the time she represented a significant advance in many aspects of warship design.

She is capable of carrying out anti-submarine and anti-surface defence of convoys and has good self-defence capabilities against attack from air, surface and sub-surface forces in all weather and sea conditions.

Notable new features are the all-gas tur-

bine propulsion, the improved accommodation standards for all the ship's company and the great reduction in complement compared with other classes of warships of similar size.

She is equipped with a comprehensive outfit of warning radars, sonar and electronic warfare equipment.

### FACTS AND FIGURES

**Displacement:** 3,714 tons

**Length:** 116.8 metres

**Beam:** 12.3 metres

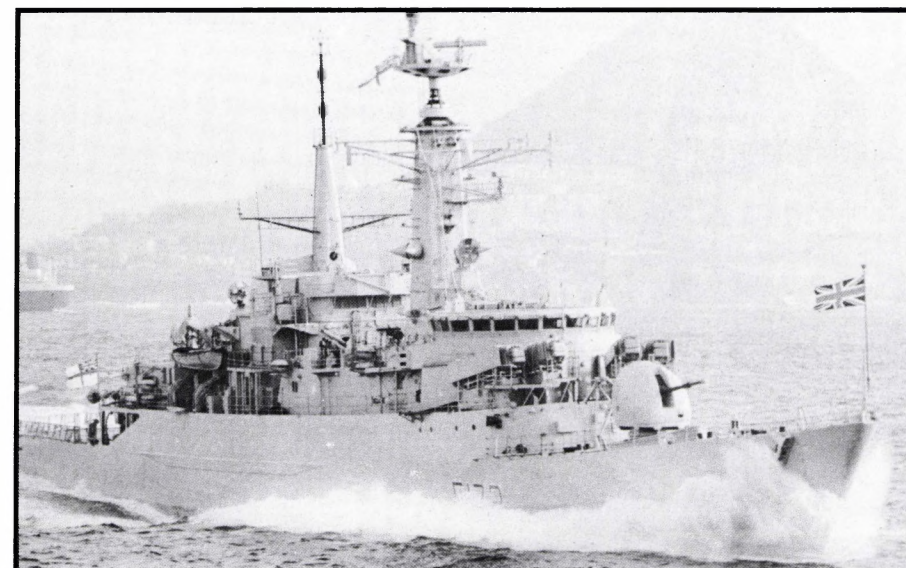
**Armaments:** Exocet; Seacat; 4.5 inch automatic guns; torpedoes

**Aircraft:** Lynx or Wasp helicopter

**Propulsion:** Two Rolls Royce Olympus gas turbines, two Rolls Royce Tyne gas turbines

**Speed:** In excess of 30 knots

**Complement:** 10 officers, 170 ratings



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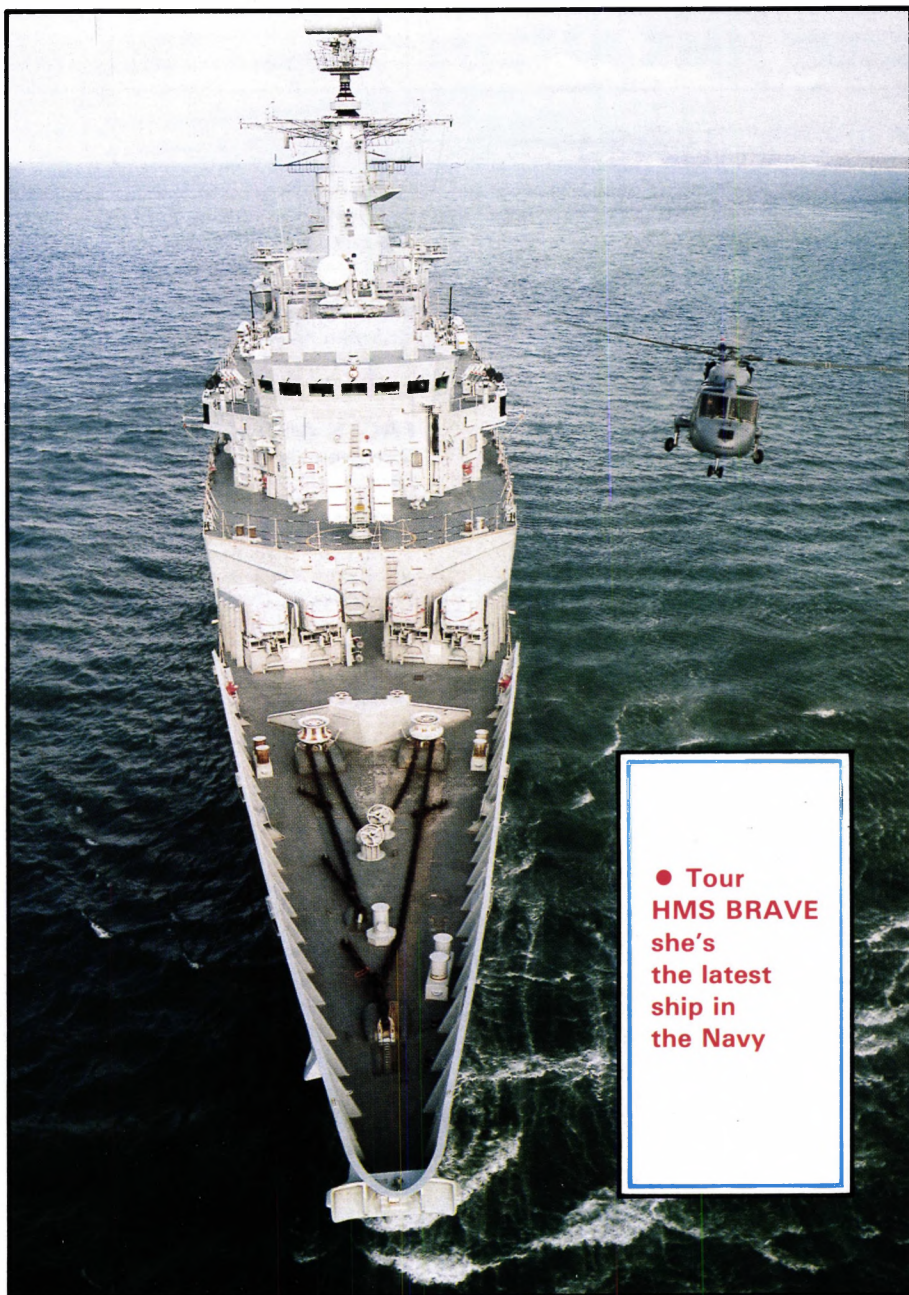
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## THE LAWN DISPLAY



A UNIQUE feature of Plymouth Navy Days is the popular lawn display. This hour-long spectacular takes place twice daily at 12 noon and 5pm.

A new event this year is the Training Ship Stirling's Field Gun competition. These young sea cadets carry out a field gun run identical to the Royal Tournament competition with only slightly scaled-down equipment.

The Cadets of the Training Ship Royalist will also be giving a display of their skills with their exciting and action-filled Mast and Cannon Display.

Less noisy, and with a different kind of skill, the Girls Nautical Training Contingent will be dancing the traditional hornpipe, always a great favourite.

The girls meet for the first time just a few

days before the event each year, and, in that short time, produce the performance you will see, a performance unique to Plymouth Navy Days.

With a slightly more military flavour, the Royal Marines of 3 Commando Brigade will be giving a display of unarmed combat.

Two bands are featured, the Parkstone Sea Cadets Band, and Flag Officer Plymouth's Band of the Royal Marines.

The evening display culminates in the beating of the retreat by FO Plymouth's band and a ceremonial sunset.

Separate from the main lawn display, but in the same arena, the Ministry of Defence police dog display team will be performing twice daily. The team was only recently formed and in its first season.

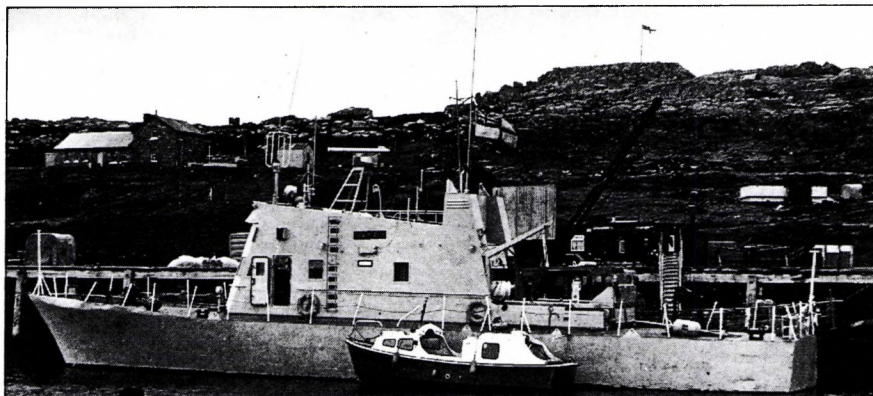


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## HMS BRAVE



### Ultra-modern frigate with a mighty punch

HMS BRAVE is the newest warship in the Navy.

She is the seventh Type 22 frigate, the third "stretched" ship in Batch 2—but she has some notable firsts too.

She is the first Royal Navy ship fitted with Spey engines for more economical cruising. She is the first to have the new lightweight Seawolf close range air defence system. Brave is also the first with a hangar and a flight deck large enough to take the EH 101 helicopter being jointly developed by Britain and Italy.

HMS Brave is undergoing extensive trials, mostly in home waters, but there has been time for a visit to Lowestoft to forge links with the Waveney district of Suffolk which has "adopted" her.

HMS Brave, which is designed for an anti-submarine role, is fitted with the most modern computer-controlled passive sonar device, the towed array. This enables her

to detect submarines at considerable distances and to control their destruction by torpedoes launched from the ship's own Lynx helicopter.

### FACTS AND FIGURES

**Displacement:** 4,900 tons

**Length:** 148.1 metres

**Beam:** 14.8 metres

**Armaments:** Four Exocet MM 38 missile launchers; one Seawolf double-headed system; two triple STWS 2 torpedo tubes; two 40/60 Bofors guns

**Aircraft:** one or two Lynx helicopters

**Propulsion:** two Rolls Royce Spey SM1A gas turbines; two Rolls Royce Tyne RM1C gas turbines; David Brown non-reversing gearboxes leading to controllable pitch propellers

**Speed:** 28 knots

**Complement:** 250



## HMS MINERVA



### Wise goddess of the sea

HMS Minerva is the ninth ship of the Royal Navy to bear the name which is derived from the Roman Goddess of Wisdom.

A major refit in 1979 saw the original 4.5 gun replaced with the Anglo-French missile Exocet. Minerva is a member of the Seventh Frigate Squadron which consists of seven Exocet Leanders. Although primarily an ASW ship she has many other roles.

Since Summer 1985 Minerva has visited Salford, the Ship's affiliation town, Rotterdam and Liverpool. The New Year saw Minerva take up duty as part of the Dartmouth training Squadron and accompanying HMS Invincible on deployment to the West Indies.

Following Easter leave in Devonport, Minerva completed a short period of Fleet Contingency Ship duties off the coast of Scotland. She was then deployed to the Mediterranean to take part in a large NATO Exercise.

The deployment included visits to Bordeaux, Gibraltar, and Menorca before returning to Devonport to undergo a short period of maintenance.

### FACTS AND FIGURES

**Displacement:** 3,200 tons

**Length:** 370 feet

**Beam:** 41 feet

**Draught:** 18 feet

**Aircraft:** One Lynx helicopter

**Armament:** Exocet surface to surface and Seacat surface to air missiles. Anti-submarine torpedoes; two 40mm and two 20mm guns.

**Propulsion:** Two double reduction geared turbines, two shafts, 30,000 shaft horse power giving a speed of about 30 knots.

## EXHIBITION HALL

### Bodmin Whistle, Siren and Horn Museum

THE Bodmin Whistle, Siren and Horn Museum is not yet open to the public, but work is continuing and it should open its doors within the next year.

It will be based at Bodmin General Station and will house the largest collection of its type in the United Kingdom.

The exhibits at the museum, on the Bodmin to Wonford Railway, are the

collection of L/Stwd Humble, RN, who started his work in the 1960s when he bought a small locomotive whistle from a scrapyards for less than ten shillings (50p).

The collection now numbers 900 and includes items ranging from a police whistle to the air horns from the carrier HMS Eagle weighing about half a ton each.

### First Day Covers

PHILATELISTS visiting Navy Days will not be able to resist the special First Day Covers on sale throughout the naval base.

The covers have been designed by semi-retired Exeter builder Ray Marriot.

This is the fourth year in succession that Ray has produced a First Day Cover for Plymouth Navy

Days—and the others have become collectors' items.

But the covers are not just for the experts. They also make a wonderful souvenir of your visit to Devonport. And the money goes to a good cause, Navy Days charities.

This year's covers depict HMS Brave and HMS Spartan, both on view at Navy Days.

### Devon and Cornwall Police

THE Devon and Cornwall Constabulary was formed in 1967 through the amalgamation of the former Plymouth, Exeter, Devon and Cornwall forces.

The merger was part of a national drive to streamline the police service and create forces with sufficient resources to meet present-day needs.

With 2,700 officers, the force is responsible for policing an area of 2.5 million acres, more than double the size of many other constabularies.

The force area extends 180 miles from the Dorset and Somerset borders in the east to the Isles of Scilly in the far west and, at its widest point, 75 miles from the South Hams to the North Devon coast.

### Fleet Air Arm Museum

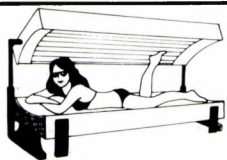
THE Fleet Air Arm Museum at Yeovilton in Somerset has a display of more than 50 historic aircraft, including Concorde 002, and many specialist exhibitions depicting the story of naval aviation since 1908.

The latest exhibition, opened by HRH Princess Anne, presents 70 years of the WRNS and the Fleet.

### Wood carving

PENSIONER Harry Johnson is well-known for his beautiful wood carvings, mostly of ships. He retired as a carpenter in the mid-1970s but continues with his hobby. Among his exhibits are the Mary Rose and The Eye of the Wind, Francis Drake and Plymouth Hoe.





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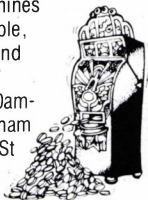
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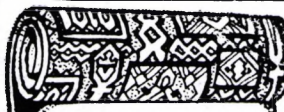
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# HMS DANAE

## Leander class frigate reborn in £9m refit

HMS DANAE has just completed a £9 million refit at Devonport Dockyard which included renewing her hull stiffening, put under strain during months of operations in appalling seas.

She has since been carrying out sea trials before beginning her operational sea training at Portland next month.

The Leander class frigate is the sixth ship to bear the name since 1759, when the British took the first vessel as a prize from the French.

French prize ships also provided the next two ships to carry the name. The last Danae was a light cruiser built at Newcastle in 1918 which was lent to the Polish Navy and renamed ORP Conrad during the Second World War.

The present ship was built here in Devonport and launched in October 1965.

She underwent a major conversion from 1977 to 1981 from which she emerged

looking very much as she does today. She is now armed with Exocet surface-to-surface missiles, homing torpedoes and a Lynx helicopter.

HMS Danae spent a large part of 1985 on South Atlantic patrol, returning to the UK via the West Coast of South America, the Panama Canal and the United States.

## FACTS AND FIGURES

**Displacement:** 3,000 tons

**Length:** 113 metres

**Beam:** 12.5 metres

**Armaments:** Exocet; Seacat; anti-submarine torpedoes; 2 x 40mm AA guns; 2 x 20mm AA guns

**Aircraft:** Lynx helicopter

**Propulsion:** two double reduction geared turbines, two shafts

**Speed:** 30 knots

**Complement:** 18 officers, 230 ratings





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## Britannia Royal Naval College Dartmouth

UNTIL 1921, cadets entered the Royal Naval College at Osborne, on the Isle of Wight, where they spent two years before coming to Dartmouth to complete their training.

Both King Edward VIII and King George VI received their initial naval training at these colleges, as did their brother the Duke of Kent.

It was while he was a cadet at Dartmouth in 1939 that the Duke of Edinburgh first met the Queen who was visiting the college with her parents.

More recently Prince Charles and Prince Andrew spent their first months in the Royal Navy under training at the college.

After the college was bombed in 1942 the junior cadets were evacuated to Bristol and did not return to Dartmouth for four years. During this period the college buildings were used first by British Combined Operation Forces and later by the United States Advanced amphibious Base, whose occupation is commemorated by two stained glass windows in the chapel. Many American troops sailed out of the Dart for the Normandy beaches in 1944.

Now, the age of officers under training varies from 18 to 32 and all branches of the Navy are represented. These include WRNS Officer Cadets, Midshipmen who join the Royal Navy immediately after leaving school and university graduates who, as Sub-Lieutenants, are entering one of the main specialisations of Seaman, Engineer, Supply and Secretariat or Instructor.

The training is aimed at developing character and leadership potential and also to provide basic knowledge of the Navy and naval professional subjects.

Academic training is intended to give all officers who did not go to a university an understanding of the scientific principles of modern naval technology as well as choice



of courses in strategic studies, foreign languages and economics.

Graduates with arts degrees receive instruction in the essential basic scientific principles of technical equipment in ships. As part of their training most officers spend some time at sea.

Apart from the normal classroom facilities the college also possesses two patrol vessels for navigation instruction and more than a hundred boats varying from the twin-screw 45-foot motor picket boats to ocean-going yachts.





### THE TIGER

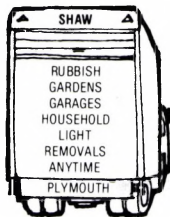
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## HMS SPARTAN

**'Courage with endurance'  
the motto of deep-sea  
battleship of the 1980s**



THE nuclear powered Fleet Class submarine is the modern equivalent of the battleship.

These are the capital ships of the fleet and the single most effective anti-submarine weapon available to the maritime commander.

Submarine and surface targets can be engaged at long distance using Tigerfish wire-guided homing torpedoes and Royal Navy Harpoon missiles.

Since entering service in 1979 HMS Spartan has ranged over much of the Atlantic, spending up to 10 weeks submerged, thanks to the power from the nuclear reactor.

She has cruised the waters off the Falkland Islands, the Arctic Circle and the Caribbean.

Recent ports of call have included Ber-

muda, the East Coast of the United States, Den Helder, Brest, Kiel and Lisbon.

The ship's crest is the family crest of the captain of the first HMS Spartan, Sir Jaheel Brenton. The motto, "Courage with great endurance", reflects the qualities of the Spartan soldier of ancient Greece.

### FACTS AND FIGURES

**Displacement:** 4,500 tons

**Length:** 272 feet

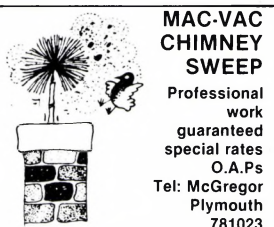
**Beam:** 32 feet

**Armaments:** MK 24 torpedoes; RN Sub Harpoon missiles

**Propulsion:** Pressurised water-cooled nuclear reactor; two General Electric geared steam turbines

**Speed:** 25 knots plus

**Complement:** 96



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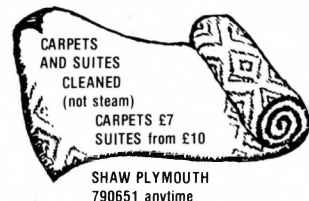
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# HMS BOXER

## Fast, good-looking and a film star

HMS BOXER is the first of a new class of "stretched" Type 22 frigates, being 12 metres longer than her predecessors.

She is the latest in Naval design. A modern warship with a powerful weapon fit, built to the most up-to-date standards incorporating many of the lessons learnt in the Falklands campaign.

Some of Boxer's extra length comes from her dramatic new bow shape which provides faster and cleaner lines allowing her to achieve more than 30 knots despite her size. And this extra speed does not hamper the tremendous stability for which her class is noted.

In addition to her impressive array of armaments, Boxer can carry Lynx multi-role helicopters whose endurance and ability to carry a variety of weapons provide a significant extension to the ship's fighting radius.

To help the captain control all Boxer's weapons is the latest generation of operations room equipment—the Computer Assisted Command System.

This has the ability to collect all the information from the various sensors—radar, sonar and electronic warfare—and present the command with a full picture of the threats to the ship.

HMS Boxer also has an unofficial role—as the Royal Navy's film star.

She appears in a successful support feature for the latest Disney movie and a number of RN training films. She is also to appear in a popular television programme early next year.

Boxer has the highest standard of accommodation with messdecks and cabins fully air conditioned and all the latest design in furniture and fittings.

She was launched in June 1981.

## FACTS AND FIGURES

**Displacement:** 4,400 tons

**Length:** 477 feet

**Beam:** 48 feet

**Armaments:** Two twin Exocet launchers; two Seawolf systems; two triple-barrelled anti-submarine torpedo mountings; two 40mm Bofors guns

**Aircraft:** Two Lynx helicopters

**Propulsion:** Two Rolls Royce Tyne RMIC gas turbines; two Rolls Royce Olympus TM3B gas turbines; David Brown non-reversing gearboxes leading to controllable pitch propellers

**Speed:** In excess of 30 knots

**Complement:** 250





## AIR AND RIVER DISPLAY



Fast action, helicopters, smoke, noise and thrills are some of the ingredients of this year's River and Air Display.

The hour-long spectacular features a Sea Harrier, a Jetstream, five types of helicopter, Royal Marines raiding squadron, the RNLI lifeboat, the Chinese junk of the Exeter Maritime Museum, someone called James Bond, pirates, treasure and a damsel in distress.

Every day at 2.30pm on the river (See map).



## HMS BROADSWORD

### Target and on target in the Falklands

SINCE being in the thick of the fighting during the Falklands conflict **HMS Broadsword** has returned to the South Atlantic to complete two patrols.

The second Royal Navy ship to bear the name, she is an anti-submarine frigate, possessing a first-class missile defence system and an effective anti-surface vessel capability.

The Type 22 frigate was on passage to the Persian Gulf when she was diverted to join the South Atlantic Task Force and her first role was to provide protection for HMS Hermes.

For the landings at the end of that eventful May, Broadsword's role was as Escort Commander for the amphibious task group invasion force of the six warships protecting the landing ships.

During the fighting her Seawolf missiles claimed two Argentine aircraft while the upper deck gun crews, marines and sailors used a mixture of guns to shoot down two more aircraft and damage two others.

On May 25 Broadsword was hit by a bomb. It bounced off the sea, crashed through the ship's side and passed up through the flight deck. The bomb took off the nose of a Lynx helicopter before it fell in the sea and exploded.

Minutes later a second wave of aircraft attacked her partner ship HMS Coventry which was abandoned after being hit by three bombs.



HMS Broadsword lowered all boats and with helicopters set about the harrowing task of rescuing survivors. In all 170 of Coventry's crew were taken on board Broadsword.

### FACTS AND FIGURES

**Displacement:** 4,350 tons

**Length:** 428 feet

**Beam:** 48 feet

**Armaments:** Four Exocet missile launchers; two Seawolf missiles; two 40/60 Bofors guns; two STWS Mk II triple launchers

**Aircraft:** Fitted to carry two Lynx helicopters

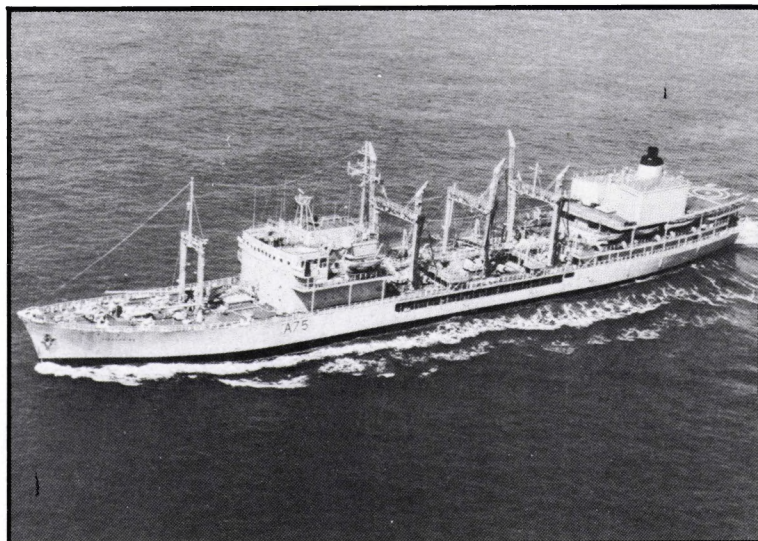
**Propulsion:** Two Rolls Royce Olympus gas turbines and two Rolls Royce Tyne gas turbines

**Speed** 30 knots

**Complement:** 23 officers, 66 senior rates and 155 junior rates



## RFA TIDESPRING



### Veteran of South Georgia

**RFA TIDESPRING**, the remaining unit of the improved Tide class of large Fleet Replenishment tankers, was launched in 1962.

Since joining the fleet in the January of the following year Tidespring has seen service all around the world.

She was part of the force which recaptured the island of South Georgia during which both of her Wessex helicopters were lost in the attempt to lift SAS troops from the Fortuna glacier in a blizzard.

More recently Tidespring has completed a five-month patrol in the Gulf of Oman as part of the force looking after British shipping in that war-torn area.

During this patrol Tidespring was in company with HMS Broadsword and HMS Cardiff and together the ships steamed a total of 27,000 miles and carried out 66 refuellings.

In recent refits Tidespring has been modified extensively and now has satellite communications and navigation equipment

and a new, more modern navigation bridge.

At full speed Tidespring will burn 80 tons of heavy oil in a day.

Some foreign navy ships still burn the heavy oil and so to fulfil NATO commitments Tidespring can offer a variety of rigs and couplings which enable her to refuel warships of any of the NATO or Commonwealth countries with whatever fuel they require.

### FACTS AND FIGURES

**Displacement:** 27,440 tons

**Length:** 583 feet

**Beam:** 71 feet

**Armaments:** 2 x 20mm Oerlikon guns; 2 x 7.62mm machine guns

**Aircraft:** Hangar space for two Sea King helicopters

**Propulsion:** Steam turbine

**Speed:** 17 knots

**Complement:** 110 (160 with flight personnel)

## EXHIBITION HALL

### HMS Raleigh

THE present HMS Raleigh at Torpoint was commissioned in January, 1940, as a shore establishment for naval training of seamen called up under the Military Training Act of 1938.

In 1944 it served briefly as a US advanced amphibious base, but four years later it became a marine engineering training establishment.

Seaman-training restarted in 1955. Marine engineering training continued in Raleigh until 1971 when it was transferred to HMS Sultan.

Between 1972 and 1978 the establishment underwent a major rebuilding period and can now accept 250 recruits a week in modern and spacious accommodation.

Now Raleigh is primarily regarded as a

new entry training establishment. But the transfer of WRNS basic training from HMS Dauntless in 1981, artificer apprentice basic training from HMS Fisgard in 1983 and supply and secretariat from HMS Pembroke also in 1983, has dramatically widened the scope of training within Raleigh.

The range of trainees varies from young male and female ratings who have just completed their Part I training to senior Commanders and Captains who have been appointed to sea in command.

Raleigh also provides facilities for youth organisation training courses, such as the Sea Cadet Corps. It is also the home of the Royal Marines Band of the Flag Officer Plymouth.

### The fleet in miniature

MORE than 20 years ago Devon model maker Tony Blatchford decided to begin a project tracing in miniature the development of the metal warships of the Royal Navy.

The models are built to a scale of 1/600 or 50ft/1 inch—largely from photographs. Plans are used only when readily available.

The basic materials Tony uses are wood—generally deal or yellow pine—Plastikard and wire.

There are now about 270 models on display, being added-to at a rate of about 20 a year.

It is thought that a further 50 or 60 ships should complete the collection from 1870 to date.

Three years ago it was decided to include vessels of the Supply and Transport Service.

A small portion of this fleet-in-miniature can be seen regularly at Military Modelling and charity shows in the West Country throughout the year. The complete collection can only be seen at Dartmouth Naval College Open Day and, of course, every year at Plymouth Navy Days.

### Supply and Transport

THE role of the Royal Naval Supply and Transport Service is to support the Royal Navy as an efficient and effective fighting force, in peace and war, ashore and afloat, at home and overseas.

This civilian service's tasks include maintaining armaments and weapons at operational readiness; supplying spares; general stores and fuel for the ships; and clothing and victualling officers and crew.

Staff serve at Ministry of Defence headquarters in London and Bath, at the Dockyards, at numerous bases in the UK and Gibraltar, and afloat in the ships of the Royal Fleet Auxiliary Service. These are crewed by Merchant Navy officers and ratings but managed by the RNSTS.

Twenty-one ships of the RFA service were deployed to support the Fleet and Land Forces during the Falklands War and were in the forefront throughout. 250 members of the RNSTS served in the RFA ships and in the merchant ships taken up from trade and converted and are entitled to wear the South Atlantic Medal.



## Royal Naval Hospital

COMPLETED in 1762, the design of the Royal Naval Hospital at Plymouth was far in advance of its time. Architect Alexander Rovehead planned the building on a block system—the first hospital of its type in the country. The aim of the system was to prevent the spread of infection.

Although the basic design of the hospital remains unchanged, wards have been modernised and various ancillary buildings added over the years. Originally the hospital accommodated as many as 1,250 patients. But now, under modern conditions, there is accommodation for 133.

During the past century medical science has developed rapidly and consequently

the range and depth of training has broadened to cope with these advances.

In November, 1965, the Sick Berth branch was renamed the Medical Branch and sub-divided into Medical Assistant and Medical Technicians. The Medical Technician structure was formed to take account of the increasingly technical requirements within the medical branch.

Within the Royal Naval Hospital Plymouth there exists a cross section of disciplines of the medical branch and Queen Alexandra's Royal Naval Nursing Service which provides a comprehensive medical establishment in support of the Fleet and military establishments in the South West.



## Command Logistic Regiment

THE Commando Logistic Regiment was formed between July, 1971, and January 1972, and is at present based at two locations at Coypool and Seaton barracks in Plymouth.

The role of the regiment is to provide second-line medical, transport, ordnance and workshop support to the United Kingdom/Netherlands Amphibious Force in both temperate and Arctic conditions.

This role has changed considerably since the regiment was formed. It is now an indispensable operational unit which supports the force in war, deploying as

frequently as other units of 3 Commando Brigade.

While performing a primarily logistic role, all ranks in the regiment are fully commando-trained and can operate as infantry when required.

The regiment is almost fully represented at Navy Days with transport and workshops squadrons providing a static vehicle display, medical squadron, the river display and ordnance squadron the M and AW equipment display in the exhibition hall.

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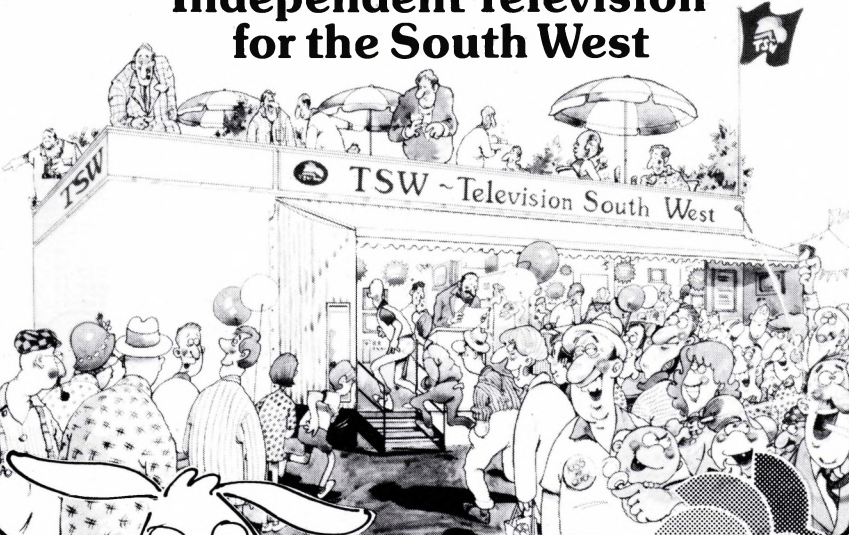
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## HMS Cambridge

HMS Cambridge is the only Royal Naval live firing range in the United Kingdom, situated just to the east of Plymouth Sound.

Initial and career courses for Missile Branch ratings and Warfare officers are the establishment's main tasks. Personnel are also trained in the maintenance of weapon systems they will handle at sea.

A thriving establishment, with a gunnery history going back to the 1850s, HMS Cambridge plays a major part in preparing men and equipment for the various operational tasks of today's Royal Navy.

There are five gunnery systems at HMS Cambridge. Each is laid out as closely as possible to those fitted in Royal Navy frigates and destroyers.

The 4.5 inch guns fire against air and surface targets in a firing area which extends 15 miles to seaward of Wembury Point. In addition several close-range weapons and illumination launchers are fitted and fires in the area.

## HM Coastguards

COASTGUARDS are responsible for the co-ordination of all civil maritime search and rescue missions in the large sea area around the UK. Many work in maritime rescue centres strategically sited around the coast.

Regular officers are on duty 24 hours a day, supported by a modern, nationwide communications network and have some of the latest high-technology equipment dedicated to search and rescue.

Regular officers and auxiliary coastguards are also on duty at other stations, particularly in bad weather or at peak holiday times.

Calls for help range from major disasters

## Hydrographic School

THE Royal Naval Hydrographic School was opened in Chatham in 1948 and has been at its present site in HMS Drake since 1965.

It is responsible for the training of all RN Survey Recorders and Surveying Officers.

It was the first school in the world to be awarded the International Federation of Surveyors/International Hydrographic Organisation Category A certificate and is still only one of 11 throughout the world to maintain this status.

As a consequence the school trains officers and ratings from Australia, New Zealand, Malaysia, Pakistan as well as member countries of the North Sea Hydrographic Commission, Norway, Denmark and the Netherlands.

Students at the hydrographic school spend much of their time afloat in Plymouth Sound in the school's survey motor boats, gaining practical knowledge of the survey equipment they will be using in the Survey Flotilla.

And survey techniques are practised in the surrounding countryside and the advanced students conduct a practical survey on Dartmoor.

such as collisions at sea, possibly involving oil or chemical spillage, to swimmers in difficulties, small boat-owners in distress and cliff and shore rescues.

In addition to the Regular Officers at the rescue centres other full-time Coastguards, known as Sector Officers, work within the community, patrolling their sectors, liaising with other services as well as training and supervising their auxiliaries. These officers are the Coastguards most in the public eye, and you might see them talking to yachtsmen or fishermen, co-ordinating cliff rescues or directing coastline searches.



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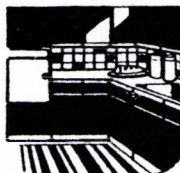
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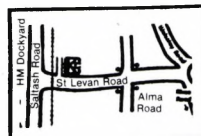
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# HMS ARETHUSA

**Her job is  
to hunt  
down and  
destroy  
high-speed  
submarines**



A MAJOR conversion in 1976 transformed HMS Arethusa from a general purpose frigate to a submarine hunter-killer—an Ikara Leander.

In 1985-86 she underwent a further transformation, with the removal of the triple-barrelled mortars and the fitting of the latest towed-array sonar.

This greatly increases the range at which Arethusa can detect submarines, making her a more effective submarine hunter-killer.

As a Batch 1 Leander, Arethusa has steamed thousands of miles, but is unique in that she is the only towed-array Ikara Leander in service.

The present Arethusa is the eighth ship to bear the name for the Royal Navy. The seventh led the bombardment forces on D-Day and 10 days later took King George VI to inspect the beachhead at Normandy.

The name is taken from Greek mythology.

The present Arethusa was built at Cowes, Isle of Wight, and entered service in 1965.

Leander class ships, the most powerful and seaworthy frigates the Navy has ever had, are designed to hunt down and destroy high-speed submarines in all weathers, but they can also engage ships, aircraft and short targets.

Although ageing, Leanders remain popular within the Navy as the workhorses of the Fleet.

## FACTS AND FIGURES

**Displacement:** 2,900 tons

**Length:** 370 feet

**Beam:** 41 feet

**Armaments:** Ikara missile system; Seacat anti-aircraft missile system; Bofors guns

**Aircraft:** Wasp helicopter

**Propulsion:** Two controlled superheat boilers and two sets of steam turbines driving twin screws.

**Speed:** 28 knots

**Complement:** 12 officers and 220 men.

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## HMS CHIDDINGFOLD



### The largest plastic ship in the world

HMS CHIDDINGFOLD is the ninth of the Hunt Class Mine Countermeasure Vessels and the second ship to bear the name.

Ships in the Hunt Class are the largest in the world to date to be built of glass reinforced plastic.

The ship was launched in Southampton in October 1983, after only 27 months building time. She was commissioned a year later.

Having completed trials and work-up in record time, HMS Chiddingfold was deployed to the East Coast of the USA with the First Mine Countermeasure Squadron in March last year.

During her short deployment the ship visited the Azores, Bermuda, Norfolk in Virginia, Washington and Charleston in South Carolina.

The ship returned to her base port of Rosyth on the Firth of Forth in July 1985.

Since then she has been involved in

national and NATO exercises, the most recent of which was Exercise NORMINEX off the north west coast of France.

HMS Chiddingfold can detect mines with her sonar and dispose of them either with a small unmanned submersible—the PAP—or by charges placed by divers from the small diving team on board.

She is also capable of sweeping moored mines with her mechanical sweep and influence mines with a towed acoustic generator and magnetic loop.

### FACTS AND FIGURES

**Displacement:** 675 tons

**Length:** 60 metres

**Beam:** 10 metres

**Propulsion:** 2 Deltic diesel engines for main propulsion; one Deltic diesel engine for slow speed drive and Bow thruster

**Speed:** 14 knots

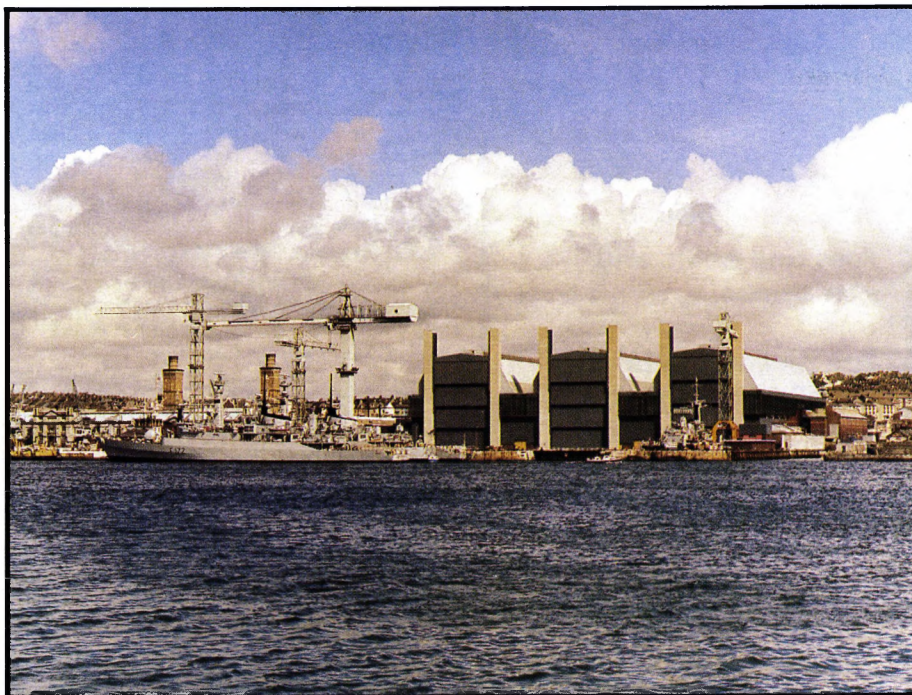
**Complement:** 6 officers, 38 ratings



HMS Avenger, a Type-21 frigate, in the Frigate Refit Complex.



## DOCKYARD EXHIBITION



● Devonport's Frigate Refit Complex from the river, with HMS Ambuscade in the foreground.

ONE of the best-known landmarks on the Plymouth skyline—the Dockyard's magnificent Frigate Refit Complex—will be open to the public during the three days.

You can get there on the free buses running regularly from the main Navy Days area.

The complex, which can handle a total of eight frigates, incorporates three dry docks under cover, No.2 basin with four berths and another tidal berth on the River Tamar.

All the berths, including the dry docks, are served by a full range of dockside facilities built into the docks and basin walls.

These include supplies of fresh, salt and

chilled water, steam, compressed air and various electricity supplies. There is a pumped sewage system so that ships can use their normal onboard facilities.

The modern craneage, ship-handling facilities and layout have taken the complex a major step forward in warship refitting.

The Dockyard is visited by naval authorities from all over the world—to assess its potential for their own navies.

The Frigate Refit Complex is open to the public and you can see a display of Dockyard activities and a frigate under repair and refit. For safety reasons it is not possible for visitors to go on board ships in refit.

## HMS AURORA

### Proud bearer of a famous name

BEFORE her arrival here at Plymouth Navy Days 1986, **HMS Aurora** had taken part in winter exercises in northern Norway.

And in direct contrast she also enjoyed the sunnier climes of the Mediterranean.

During this deployment she fulfilled Britain's contribution to the Naval On-Call force based in the Mediterranean, working in close co-operation with our southern-based allies.

A major conversion in 1976 transformed **Aurora** from a general purpose frigate into a submarine hunter-killer.

**Aurora** completed a major refit at Devonport Dockyard 14 months ago. After undertaking her work-up period at Portland, she joined the fleet as a fully operational front-line unit in November 1985.

The ship is one of the many very successful **Leander** class frigates now in service which for many years were the workhorses of the fleet.

Of her many predecessors to bear the

name **Aurora**, perhaps the most famous was the eighth, a light cruiser commissioned in 1937 which distinguished herself in some of the heaviest fighting seen in the Mediterranean against Italian forces.

### FACTS AND FIGURES

**Displacement:** 2,450 tons

**Length:** 370 feet

**Beam:** 41 feet

**Armaments:** Ikara anti-submarine rocket launched torpedoes; one triple-barrelled anti-submarine mortar; two quadruple Seacat launchers; two 40/60 Bofors guns; one 20mm Oerlikon machine gun

**Aircraft:** Wasp helicopter

**Propulsion:** Two reduction geared steam turbines producing a maximum 30,000 bhp

**Speed:** 28 knots

**Complément:** 12 officers and 220 men





## £500 Special Naval Discount Available

# Devon & Cornwall Catering



**FURGUSONS**  
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**Are pleased to be  
suppliers to Plymouth  
Navy Days and wish  
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Benevolent Trust, 1 High Street,  
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EAT DRINK AND BE  
MERRY  
ME DEARS

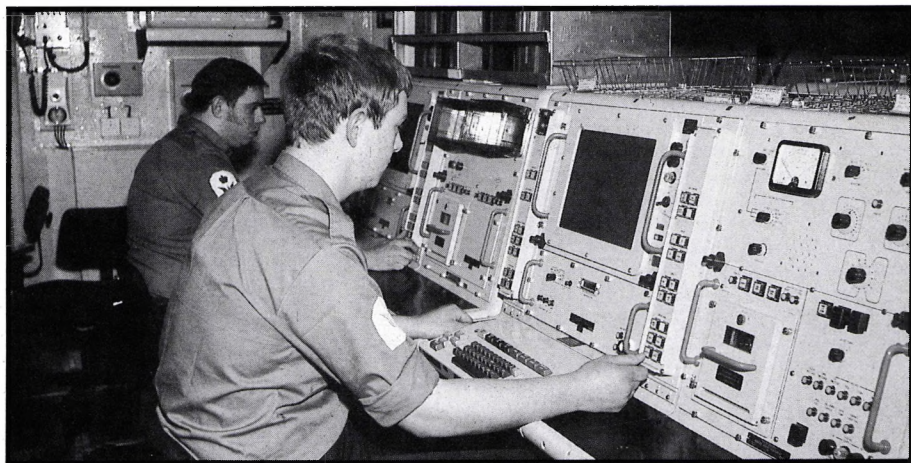
OPEN FROM 7am FOR BREAKFAST

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is pleased to be part  
of the Plymouth  
Navy Days . . .'**

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## Signal Training Centre

THE display mounted by the Signal Training Centre for Fleet Communications is designed to show the role of satellites in today's Royal Navy.

Today's Fleet Communications has worldwide coverage, 24-hours-a-day availability and direct communications with the Ministry of Defence no matter where a ship may be operating in the world.

Fleet Communications, incorporating the use of satellites, employs micro-computer-controlled message and data systems using the world's most advanced technology in naval communications.

It provides transmission and reception of

signals with speed and reliability in all types of ship-to-ship, ship-to-air and ship-to-shore tactical and strategic communications.

**A radio postcard scheme is available for a small fee to enable visitors to send a special souvenir Navy Days postcard to friends or relatives anywhere in the United Kingdom, via your local Royal Naval Reserve Centre.**

**Also available on the stand, free-of-charge, is the very popular Navy Days telegram service which allows visitors to send radio telegram to any serving member on board a Royal Navy warship either at sea or in harbour.**

## Sailors' Rest

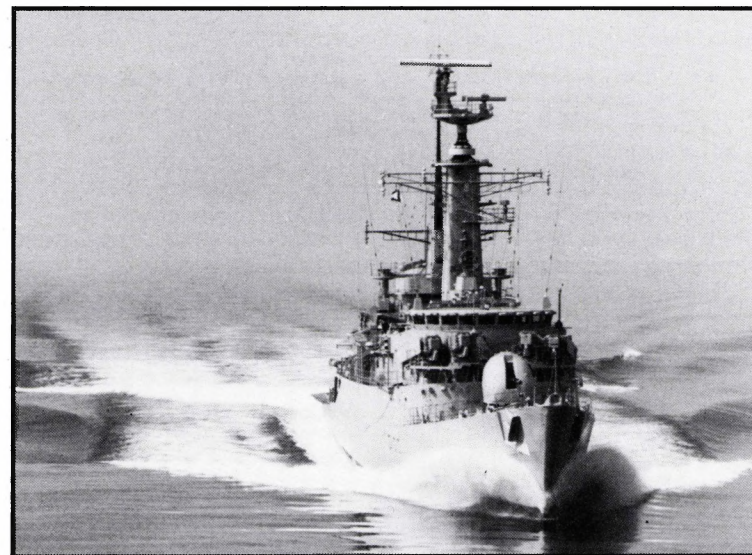
THE first of the Royal Sailors' Rests was opened in Plymouth 109 years ago. The nicknames for the rests remain today—Aggies or Aggie Westons, after Miss Agnes Weston, later Dame Agnes Weston, who opened that first centre.

The work began in Plymouth as a result of Miss Weston's correspondence with the men on HMS Crocodile and requests from

men on board HMS Dryad, the training ship anchored in the Hamoze.

A rest was opened at Portsmouth in 1881 and as money became available others were opened in naval areas to meet the needs. There are rests—now day centres—at St Budeaux, Portland, Faslane, Rosyth, Ilchester, Portsmouth and Gosport.

## HMS AVENGER



### The last of the Amazons

DEVONPORT-based HMS Avenger is presently operating in home waters.

She recently visited the Cornish fishing village of Fowey which is the ship's affiliated town.

Over the past year she has spent time away from her home base on two major deployments. She spent six months in the South Atlantic winter on Falkland Islands patrol in 1985, and this spring she spent three months as West Indies Guardship.

HMS Avenger is currently leader of the Fourth Frigate Squadron known throughout the Royal Navy as the 21 Club.

She was the last Amazon class frigate to be built for the Navy, being launched in 1975 and completed in 1978.

During her eight years in service she has been to most parts of the world and steamed 250,000 miles.

Avenger is the seventh ship to bear the name. Her predecessor's battle honours include Martinique 1794, North Africa and The Arctic 1942.

The present ship added another honour to this list, The Falklands 1982. During the conflict she was primarily tasked close in-shore among the islands carrying out naval gunfire support, convoy escort duties and offensive patrolling.

Despite a number of near misses she suffered neither damage nor casualties.

### FACTS AND FIGURES

**Displacement:** 3,640 tons

**Length:** 380 feet

**Beam:** 40 feet

**Armaments:** 4.5 inch automatic gun; Exocet missiles; 20mm guns; Seacat missiles; torpedoes

**Aircraft:** Lynx helicopter

**Propulsion:** Two Rolls Royce Olympus gas turbines, two Rolls Royce Tyne gas turbines

**Speed:** Excess of 30 knots

**Complement:** 15 officers, 170 ratings



## Come and serve with the Royal Naval Reserve at your local Naval Headquarters

Would you like a part-time job being trained as a key member of a team controlling national and Nato Maritime Forces? Read on.

The Royal Naval Reserve or the Women's Royal Naval Reserve has a post for you in the operational centre of a Shore Headquarters.

You can either learn to be a Plotter, keeping track of the tactical movements of ships, or you can learn to be a Communicator. The RNR is made up of volunteers who want to play an active part in Britain's naval defence. All we ask you to put in is a few hours each week and 14 days each year. You'll receive Naval pay, a tax-free annual bounty, plus travelling expenses.

Would you like to join? If you are between 17 and 33 just fill in the coupon and you'll be well on your way.

**The Commanding Officer, H.M.S. Vivid, Maritime Headquarters,  
Mount Wise, Plymouth, Devon PL1 4JH. Tel: Plymouth (0752) 563777 ext 2246**

Please sent me without obligation full details about joining  
the RNR the WRNR (Please tick). (Enquiries from UK residents only)

Names (Mr/Mrs/Miss) \_\_\_\_\_

Address \_\_\_\_\_

Date of Birth \_\_\_\_\_



## Royal Naval Association

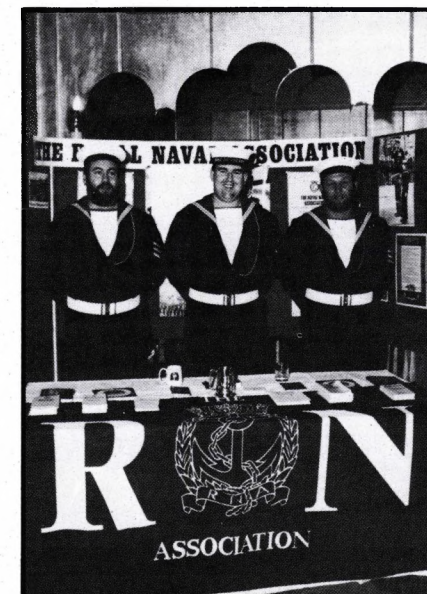
THE Royal Naval Association is a registered charity with more than 400 branches in the UK and 21 overseas. The latest commissioning was the Hobart branch in Tasmania, Australia.

The RNA welcomes all serving and ex-service naval people with full membership open to all ranks of the RN, RM, WRNS, QARNNS and Reserves. Associate members who subscribe to the aims and objectives of the association include RFA, RNXS, RMAS families and friends.

The RNA needs support to continue to help all former naval personnel continuously visited and looked after by the welfare officers of our branches, inmates of naval homes and hospitals, widows, and all those in need.

By joining the association you can forge a marvellous social link throughout the country. It is a chance to make new friends and contact old companions.

For details of membership visit the RNA stand or write to RNA headquarters, 82 Chelsea Manor Street, London SW3 5QJ.



a fortnight's exercise or course, for which they receive full Naval pay and wear the same uniform as their regular counterparts.

## Royal Naval Reserve

THE Royal Naval Reserve has a proud tradition dating back to 1859. It has grown over the years until by the end of World War Two nearly 40,000 officers served in the Naval Reserve.

Today's Reservist cashes cheques, writes prescriptions, services cars, teaches children or works with you in an office or a factory.

Some volunteer because they love the sea. Others join for patriotic reasons or because they wish to share their leisure hours with people of their own age sharing the same interests—the sea—all bonded together by the Royal Naval Reserve.

They train twice a week after passing an entrance examination. They also undertake

## The MoD Police

THE MoD Police are on duty 24 hours a day. Their responsibility covers seven MoD establishments in Devon and Cornwall.

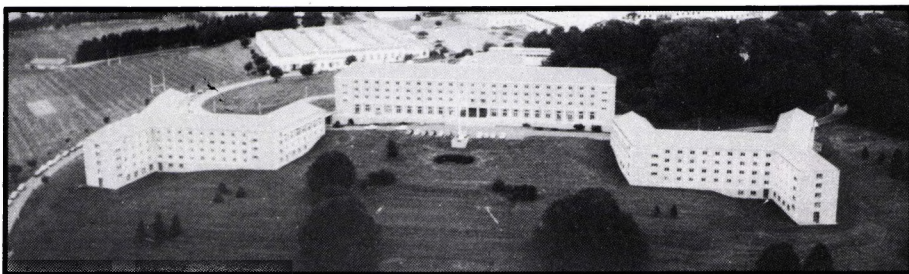
Specialist units include: police launches in Plymouth Sound and the River Tamar including the Devonport Dockyard areas, highly trained, prize-winning police dogs, and motor cycles.

The small but highly efficient CID team has had a number of spectacular successes and prosecutions in recent years.

One of the more pleasant aspects of policing the Naval Base is the schools liaison visits, which involves meeting large numbers of local school children.



## EXHIBITION HALL



### Royal Naval Engineering College

RNEC Manadon is responsible for the technical training of the Royal Navy's engineer officers.

Nuclear submarines, aircraft and computer-controlled missile systems of high complexity all come within the scope of naval engineering. It is a dynamic technology in which there are always new developments and techniques to master.

The Engineer Officer in the Royal navy is the man in charge of the weapons systems or propulsion machinery in a ship or submarine, or of an aircraft and its weapon systems.

While still in his middle twenties, he could be responsible for many millions of pounds worth of modern equipment and for the well-being—and even the lives—of the men who operate and maintain it.

### King George's Fund

THE King George's Fund for Sailors is the central fund for all charities that care for seafarers in need and their families.

While unable to help individuals directly it has unrivalled knowledge of the changing needs of more than 120 voluntary societies which devote themselves to this task.

With this knowledge, the fund is able to ensure that every penny subscribed is put

Later in his career, he could be working on new designs in the latest technology alongside highly-qualified civilian engineers, providing the vital contribution of the practical naval officer who knows at first-hand the stress and difficulties under which equipment has to operate.

As an Engineer Officer in a Navy in which small ships increasingly predominate he has a breadth of responsibility which his civilian counterparts would be unlikely to achieve—at least until later in their careers.

Narrow specialisation in the Royal Navy is a thing of the past and the Engineer Officer finds himself from time to time making decisions in fields that extend the boundaries of engineering. This brings a challenge and variety to the work of the Engineer Officers which they value highly.

to the best and most effective use and overlapping is reduced to a minimum.

Some of the charities are entirely dependent on grants from the KGFS to maintain an adequate level of support for their seafaring beneficiaries.

During 1985, KGFS grants totalled £1,333,730, raising the total distributed since the fund's foundation in 1917 to more than £19 million.

## HMS HECLA

### At home among icepacks and in the tropics

THE name ship of a class of Ocean Survey Ships, **HMS Hecla** is one of three still in service.

Built in Scotland in 1965, she is equipped to carry out hydrographic, oceanographic and geophysical surveying worldwide, having a strengthened bow for operating in ice and air-conditioning for duty in the tropics.

Her tasks include conventional observations of the depth of water and the nature of the seabed and coastline, by which means the Admiralty's worldwide charts are kept up to date. Also, research is done into the earth's gravity and magnetic field.

Hecla spends much of her time abroad. Last winter saw her in West Africa and South America. She also saw service in the Falklands as a hospital ship in 1982.

Recently, however, she has been work-

ing on the exposed areas of our continental shelf beyond the north-west of Scotland, while a separate team has been detached from the ship undertaking a detailed survey of the Firth of Clyde.

Two nine metre motor boats are carried for use in inshore waters, and a Wasp helicopter can also be embarked.

### FACTS AND FIGURES

**Displacement:** 2,630 tons

**Length:** 260 feet

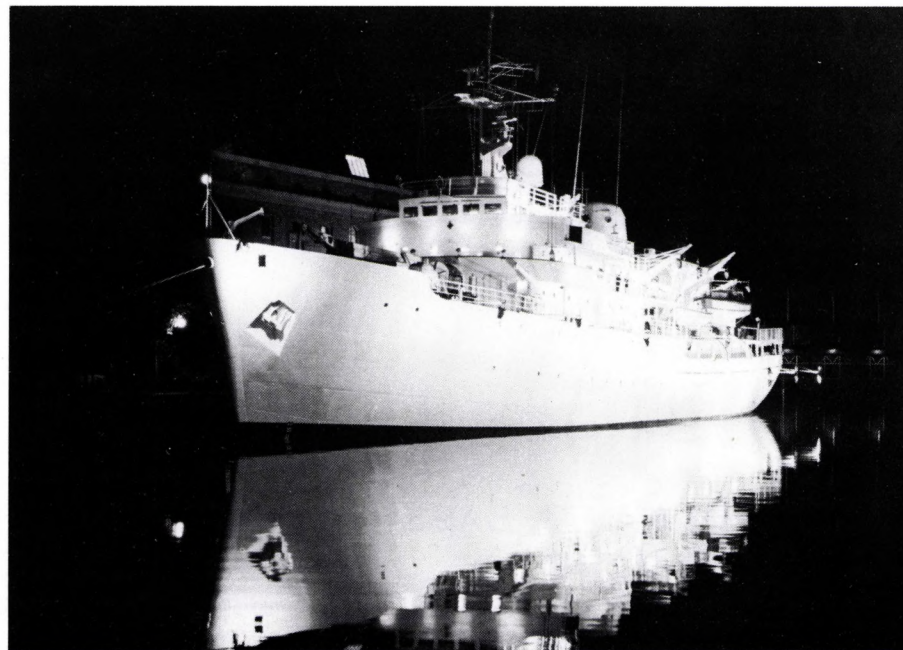
**Beam:** 49 feet

**Aircraft:** Wasp helicopter can be embarked

**Propulsion:** single screw, with bowthruster  
Diesel-electric

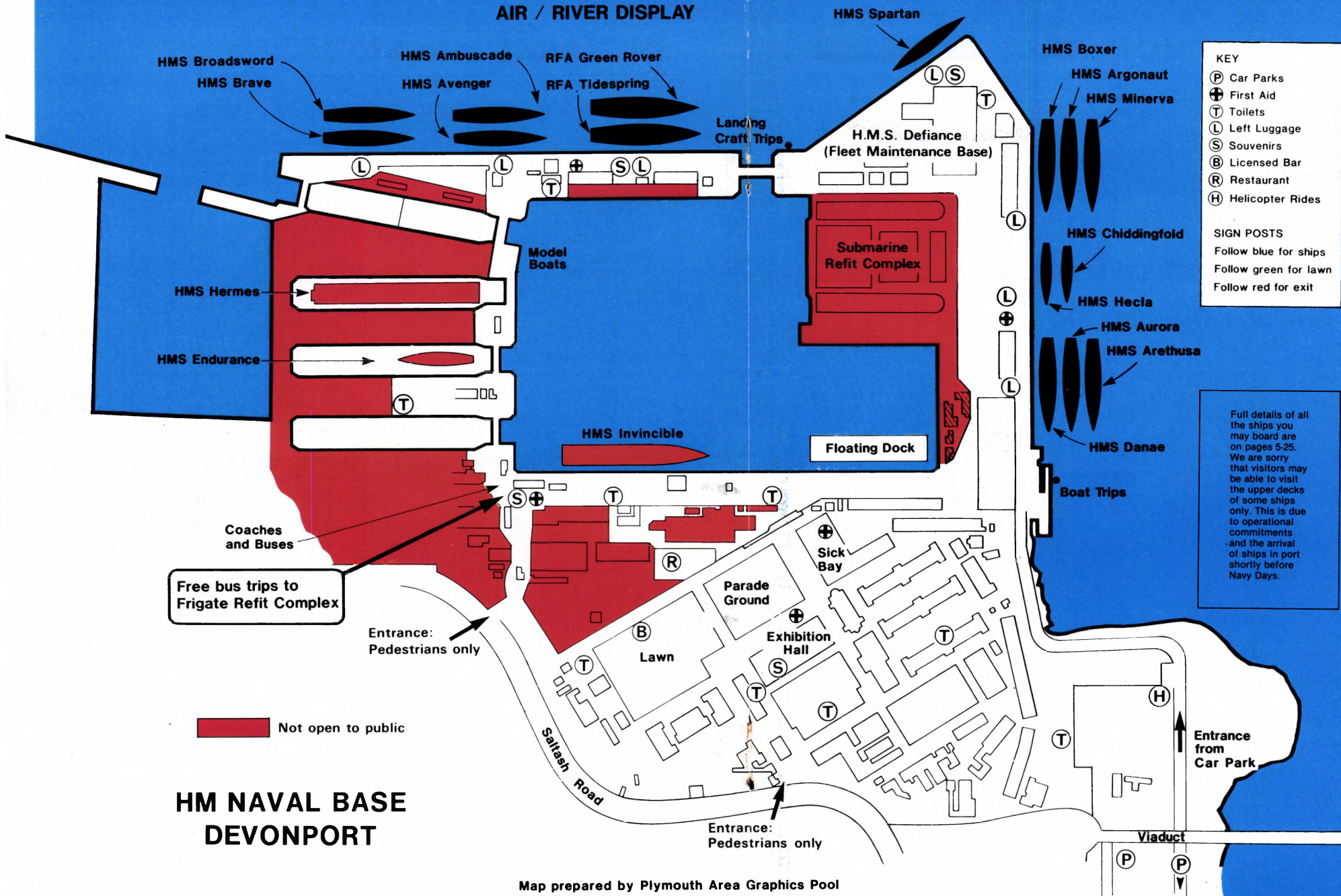
**Speed:** 14 knots

**Complement:** 115





# AIR / RIVER DISPLAY



**KEY**

- (P) Car Parks
- (+) First Aid
- (T) Toilets
- (L) Left Luggage
- (S) Souvenirs
- (B) Licensed Bar
- (R) Restaurant
- (H) Helicopter Rides

**SIGN POSTS**

- Follow blue for ships
- Follow green for lawn
- Follow red for exit

Full details of all the ships you may board are on pages 5-25. We are sorry that visitors may be able to visit the upper decks of some ships only. This is due to operational commitments and the arrival of ships in port shortly before Navy Days.

## HM NAVAL BASE DEVONPORT