UNCLASSIFIED

FM 30-51

WAR DEPARTMENT

BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF BRITISH NAVAL SHIPS

December 29, 1941

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IDENTIFICATION OF BRITISH NAVAL SHIPS

Prepared under direction of the
Chief of Staff



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FM 30–51, Military Intelligence, Identification of British Naval Ships, is published for the information and guidance of all concerned.

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BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL,
Chief of Staff.

OFFICIAL:

E. S. ADAMS,
Major General,
The Adjutant General.

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(For explanation of symbols see FM 21–6.)

TABLE OF CONTENTS

	Paragraph	Page
SECTION I. General.		
Purpose	1	1
Scope	2	1
Observation of distinctive features	3	2
II. British Royal Navy.		14
Battleships		15
Battle cruisers		35
Aircraft carriers		39
Cruisers		59
Antiaircraft ships		119
Mine layers		127
Destroyers		133
Light destroyers		174
Torpedo boats		175
Power boats		178
Submarines		179
Escort vessels		190
Patrol vessels		198
Minesweepers		201
Motor minesweepers		204
Training ships		205
Monitors		207
Training aircraft carriers		209
Submarine tenders		212
III. Royal Australian Navy.		213
Cruisers		215
Escort vessels		226
Destroyers		227
IV. Royal Indian Navy.		230
Escort vessels		231
V. Royal Canadian Navy.		235
Destroyers		236
VI. New Zealand Navy.		241
Cruisers		243
INDEX TO SHIPS		247

BASIC FIELD MANUAL

MILITARY INTELLIGENCE

IDENTIFICATION OF BRITISH NAVAL SHIPS

SECTION I

GENERAL

■ 1. PURPOSE.—The purpose of this manual is to serve as a guide in the identification of naval ships of the British Empire. It is the best available, though incomplete.

■ 2. SCOPE.—This manual, containing illustrations with explanatory data relative to naval ships of the British Empire, is published for limited distribution. When illustrations are not given, blank spaces have been left so that they may be added when provided.

■ 3. OBSERVATION OF DISTINCTIVE FEATURES.—*a.* Observers must be able to detect quickly and analyze rapidly every possible indication of identity of naval ships. Some characteristic visible features of individual ships generally indicative of the class and, when noted in sufficient detail, of the particular ship are—

General shape and size.
Bow and stern.
Funnels and cinder screens.
Masts and decks.
Superstructure:
    Bridge, and navigation bridge.
    Chart house and compass platform.
    Directional aerial.
    Tower, control towers, and conning tower.
    Searchlights.
Primary and secondary armament.
Torpedo tubes.
Planes, catapults, cranes, derricks, and hangars.

b. Figures 1 to 9, inclusive, illustrate characteristic features of warships and show the location of armor protection.

c. Flags of the British Navy are illustrated in figure 10, and insignia of rank worn on sleeves of naval officers are shown in figure 11.

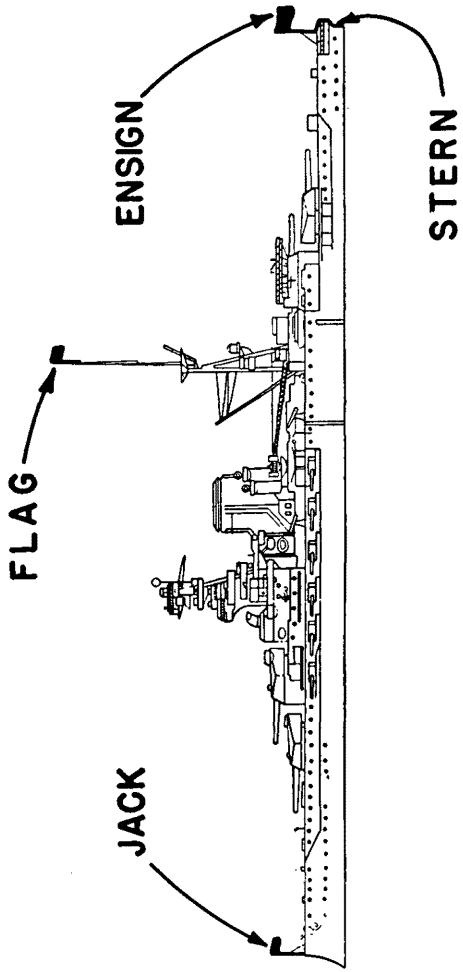


FIGURE 1.—Outstanding features of warship.

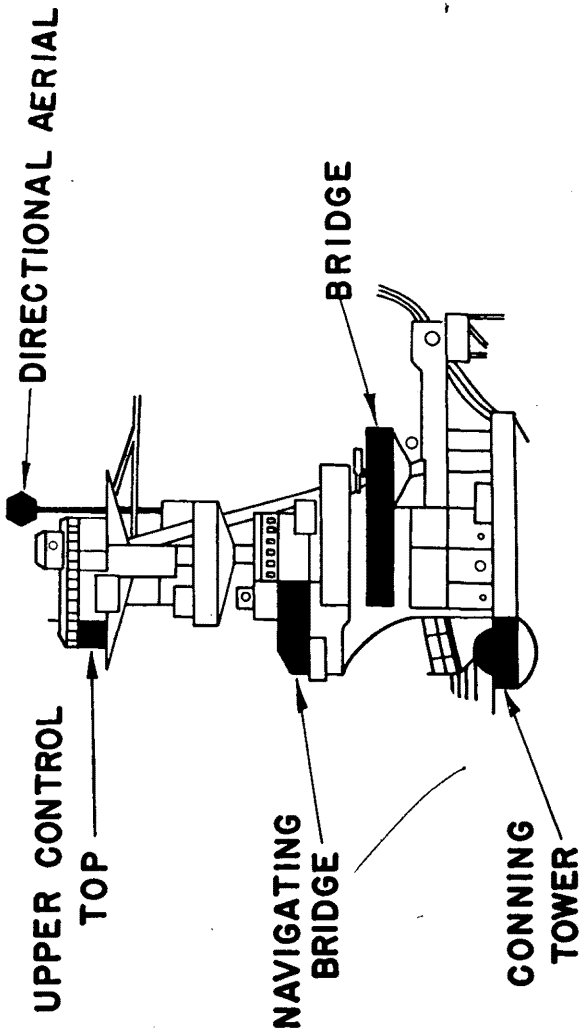


FIGURE 2.—Forebridge and foremast.

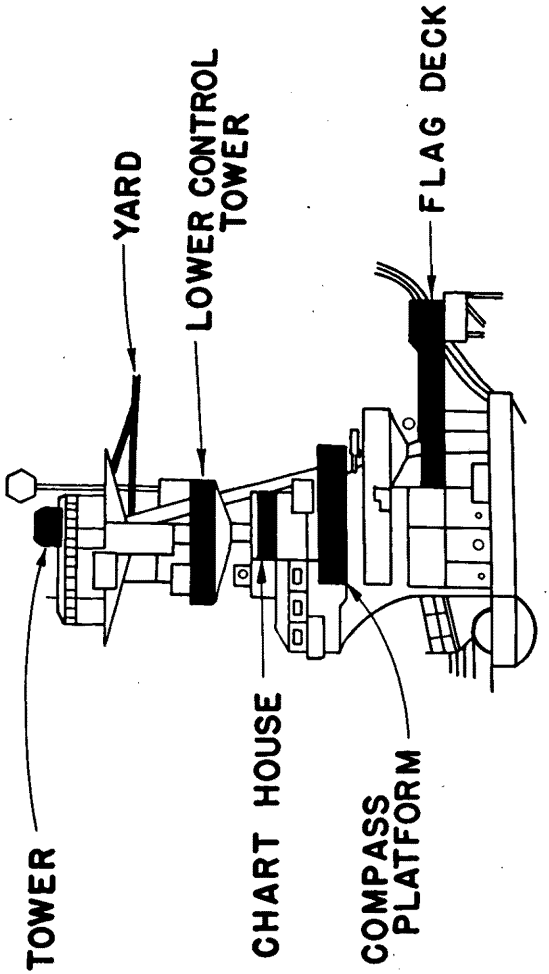


FIGURE 3.—Forebridge and foremast.

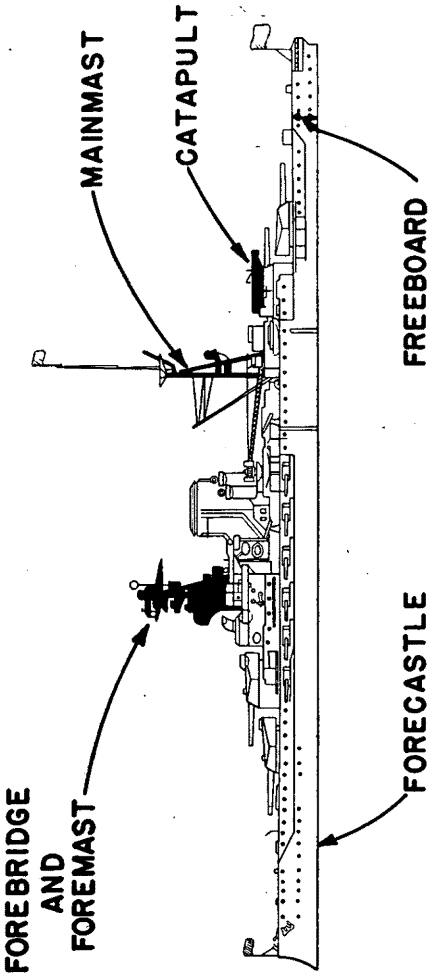


FIGURE 4.—Outstanding features of warship.

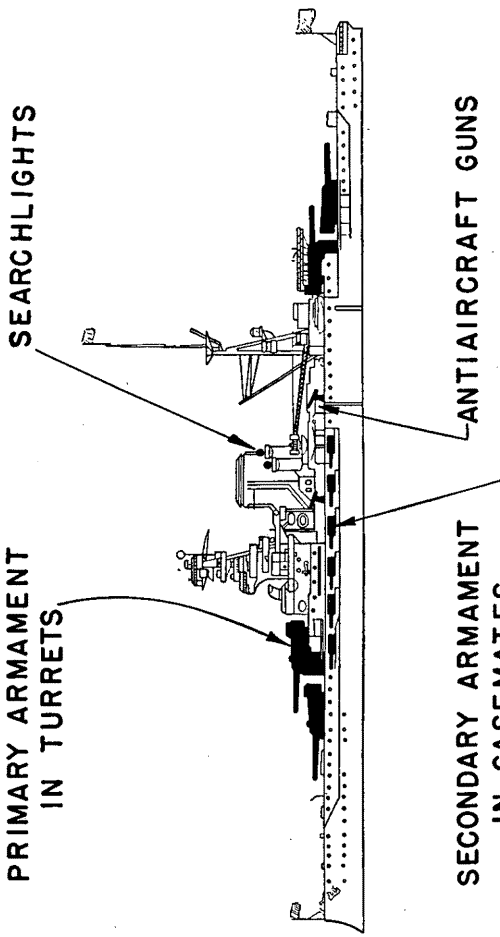


FIGURE 5.—Outstanding features of warship.

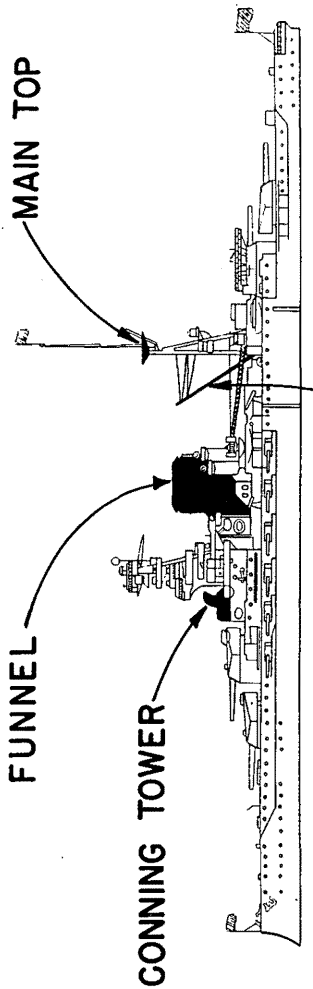


FIGURE 6.—Outstanding features of warship.

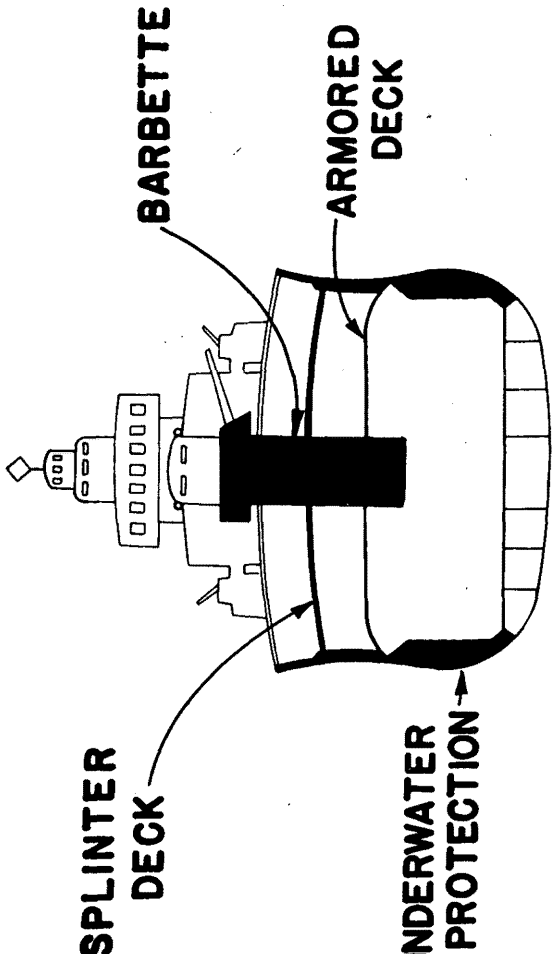


FIGURE 7.—Armor protection (cross section of hull through barbette).

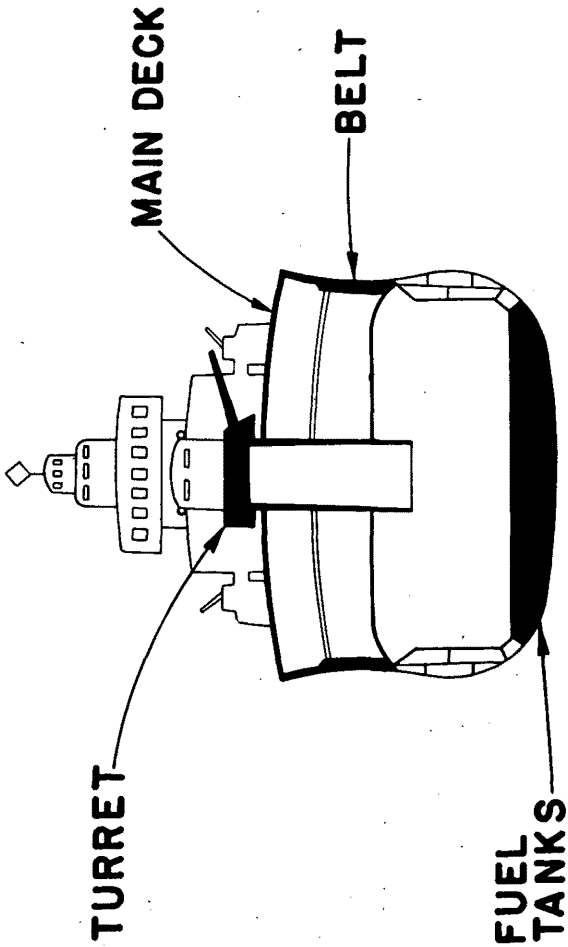


FIGURE 8.—Armor protection (cross section of hull through barbette).

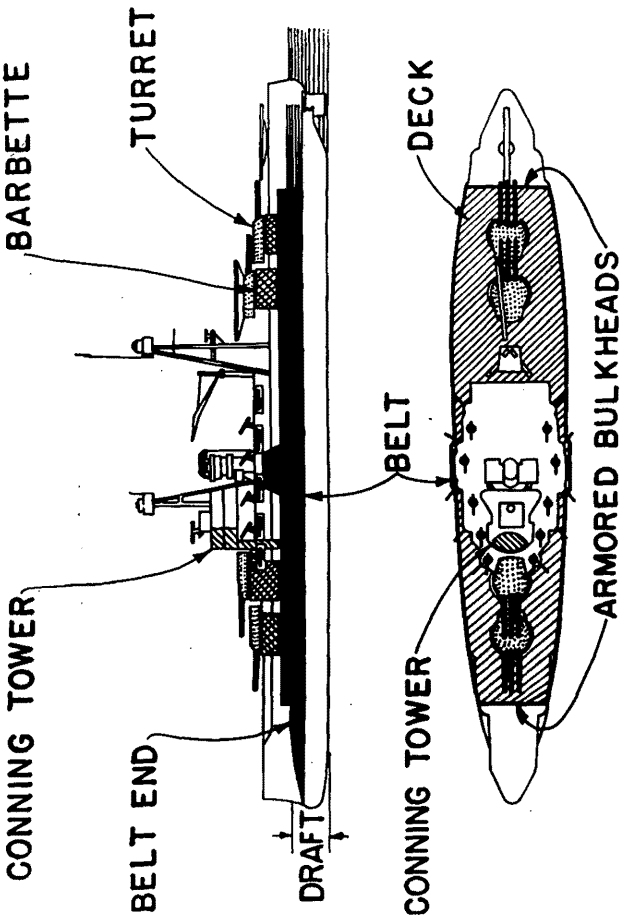


FIGURE 9.—Battleship armor.

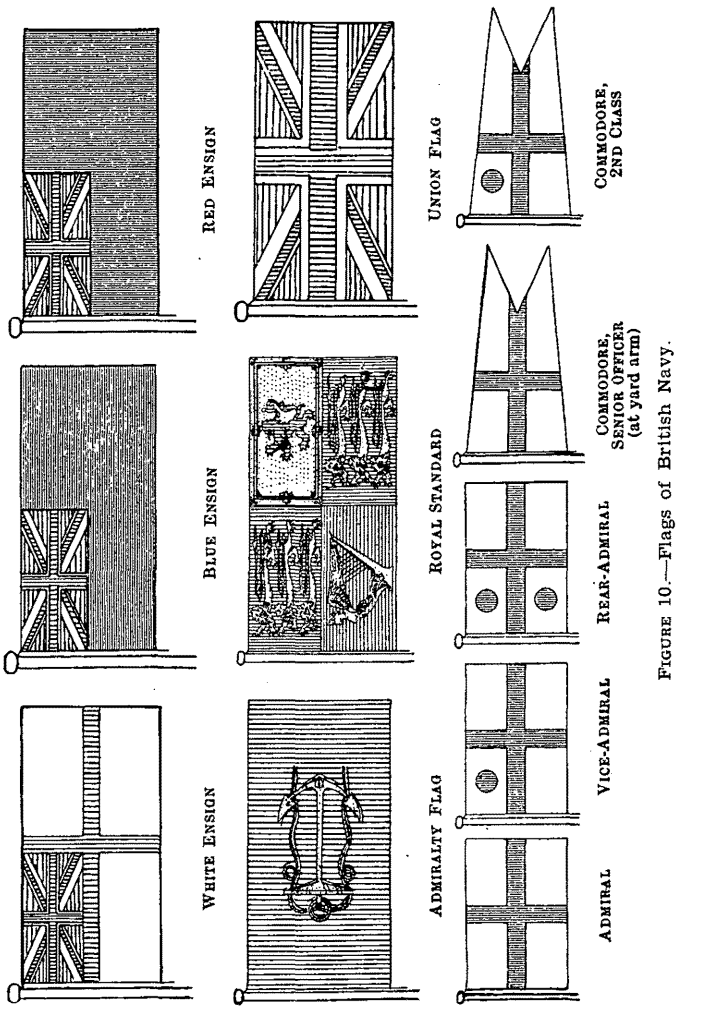


Figure 10.—Flags of British Navy.

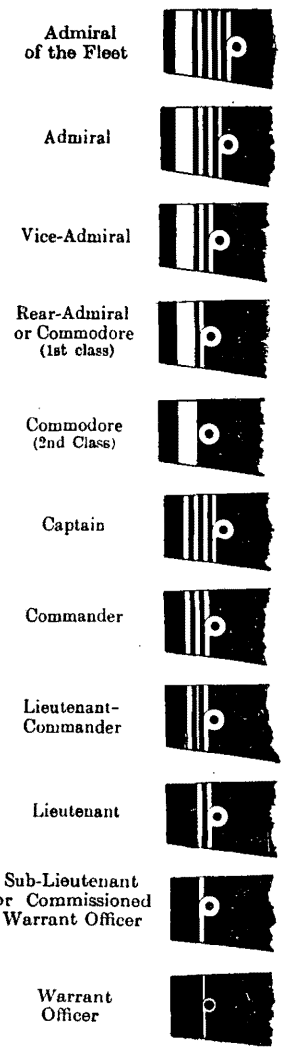


FIGURE 11.—Insignia of rank on sleeves of naval officers.

SECTION II

BRITISH ROYAL NAVY



Battleship KING GEORGE V.

Battleships
King George V Class

King George V Class
(5 ships)

KING GEORGE V
PRINCE OF WALES
DUKE OF YORK
(JELLICOE) renamed ANSON
(BEATTY) renamed HOWE

Description: Displacement: 35,000 tons.
Length: 740 feet.
Beam: 103 feet.
Draft: 28 feet (mean).
Speed: Over 30 knots.

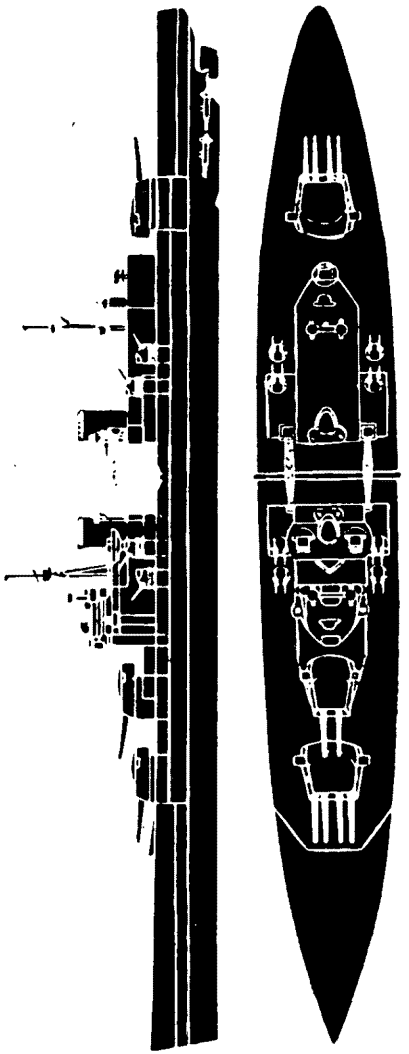
Guns: 10—14-inch.
16—5.25-inch.
4—Multiple pompoms.
Several smaller.

Torpedo tubes: None.

Aircraft: 4 Catapults: 1

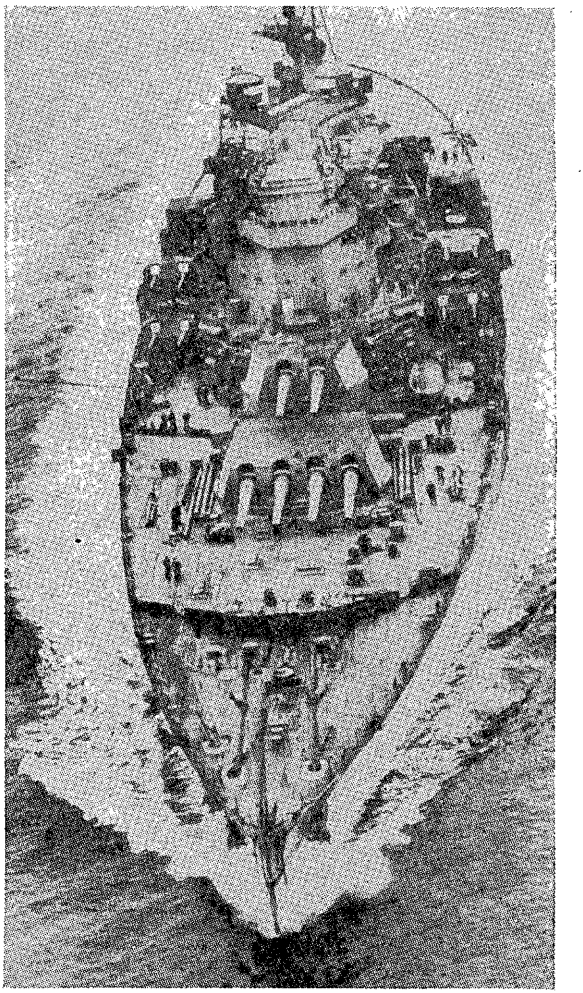
Gunnery note: 14-inch guns are a new model, with an effective range greater than the 15-inch mounted in earlier ships.

BRITISH NAVY



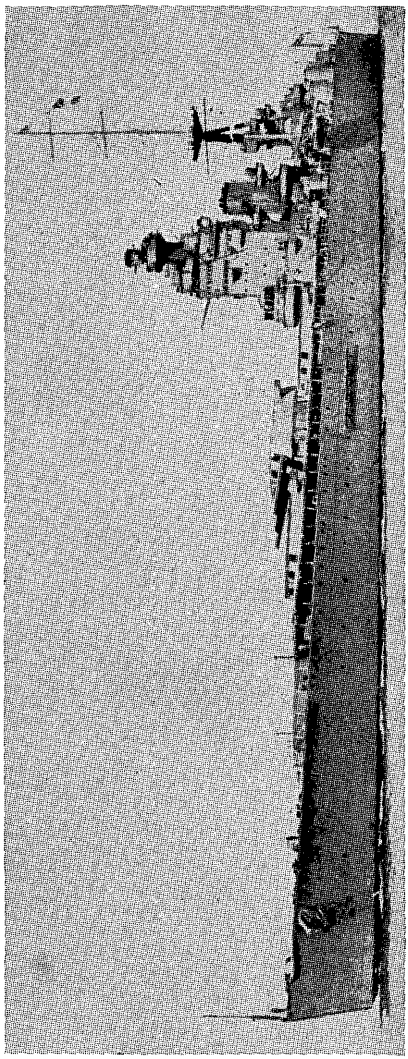
King George V Class.

Battleships
King George V Class



Battleship KING GEORGE V.

BRITISH NAVY



Battleship NELSON.

Nelson Class
(2 ships)

NELSON (33,950 tons)
RODNEY (33,900 tons)

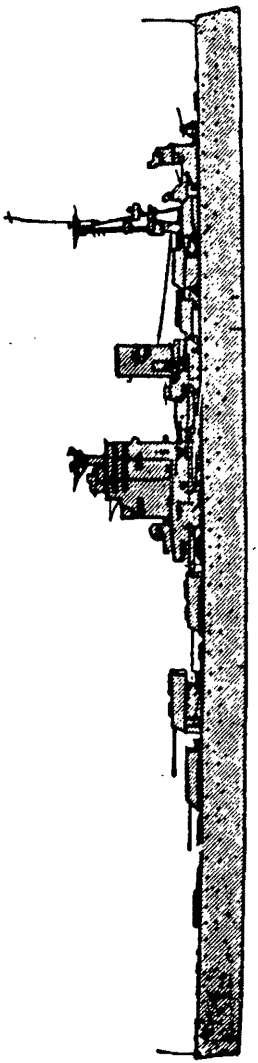
Description: Displacement: As above.
Length: 710 feet (over-all).
Beam: 106 feet.
Draft: 30 feet (mean).
Speed: 23 knots.

Guns: 9—16-inch.
12—6-inch.
6—4.7-inch AA.
4—3-pounder.
18 smaller (including 3 multiple pompoms).

Torpedo tubes (submerged): 2—24.5-inch.

Aircraft: Rodney 2—Catapult on "C" turret.
Nelson 1—Handled by crane.

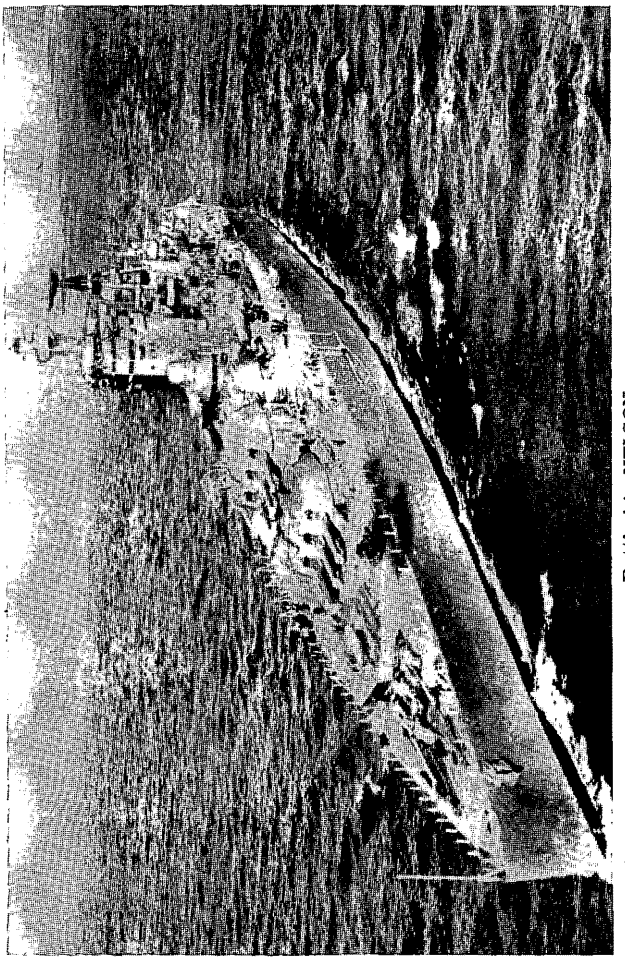
BRITISH NAVY



Battleship NELSON.

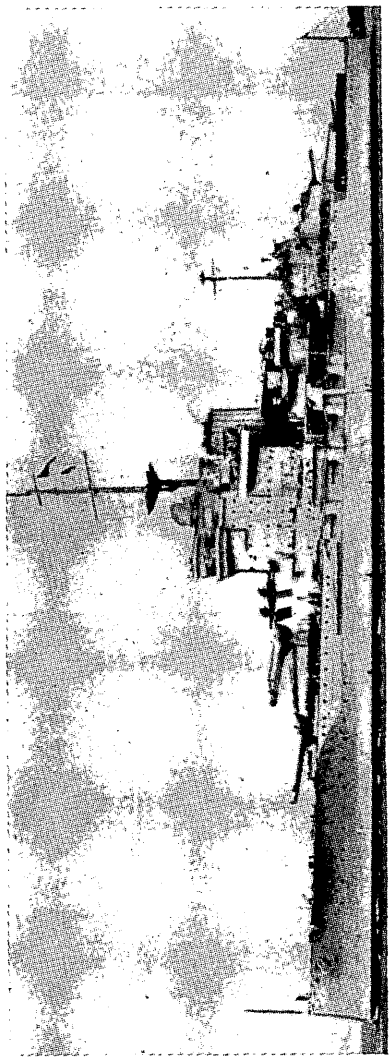
(RODNEY similar, but with catapult on "C" turret; foretops differ slightly.)

Battleships
Nelson Class



Battleship NELSON.

BRITISH NAVY



Battleship WARSPITE.

Battleships
Queen Elizabeth Class
(1st 3 ships)

QUEEN ELIZABETH
WARSPITE
VALIANT

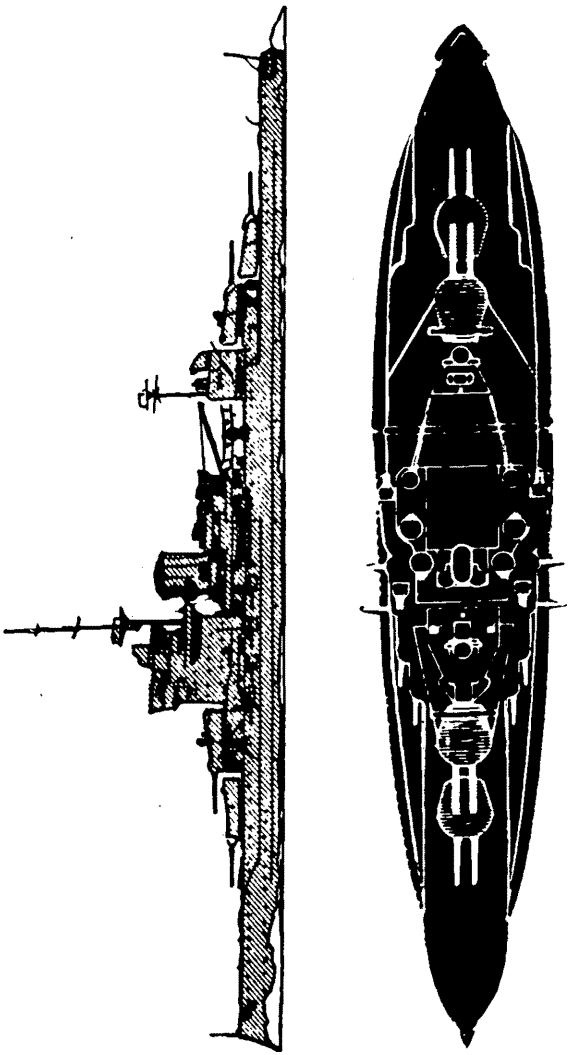
Description: Displacement: 35,000 tons (full load).
Length: 643¾ feet (over-all).
(VALIANT 639¾ feet.)
Beam: 104 feet.
Draft: 33½ feet (maximum).
Speed: 24 knots.

Guns: 8—15-inch.
12—6-inch (WARSPITE 8—6-inch).
8—4-inch AA.
4—3-pounder.
5—machine guns.
10—Lewis guns (besides multimachine guns).

Aircraft: 4. Catapults: 1.

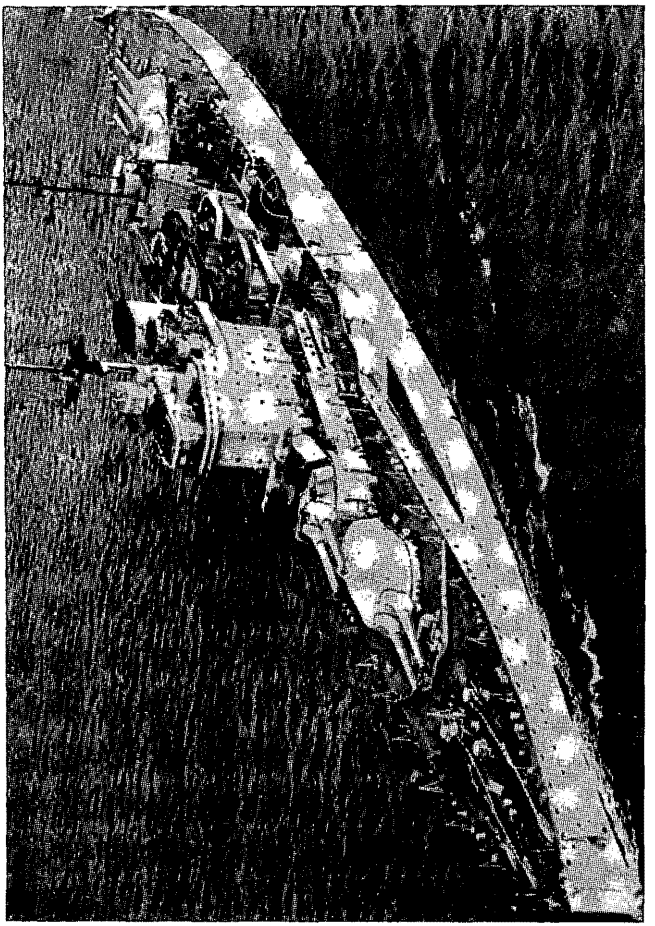
Appearance note: As rebuilt, above 3 ships differ completely from former appearance, as will be seen by comparison of WARSPITE with MALAYA.

BRITISH NAVY



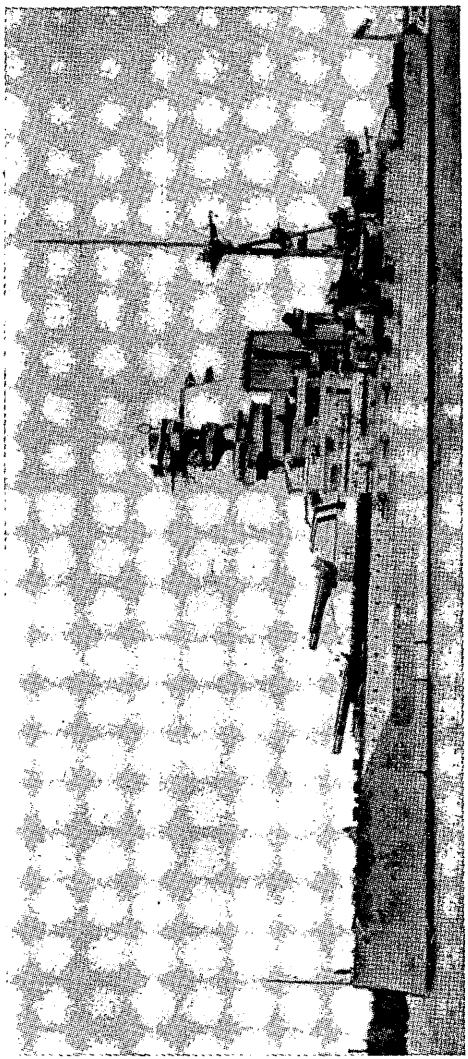
Battleship WARSPITE (QUEEN ELIZABETH and VALIANT similar).

Battleships
Queen Elizabeth Class
(1st 3 ships)



Battleship WARSPITE.

BRITISH NAVY



Battleship BARHAM.

Battleships
Queen Elizabeth Class
(4th and 5th ships)

BARHAM
MALAYA

Description: Displacement: 35,100 tons (full load).
Length: BARHAM—643¾ feet (over-all).
MALAYA—639¾ feet (overall).
Beam: 104 feet.
Draft: 33½ feet (maximum).
Speed: 25 knots (reduced by fitting of bulges).

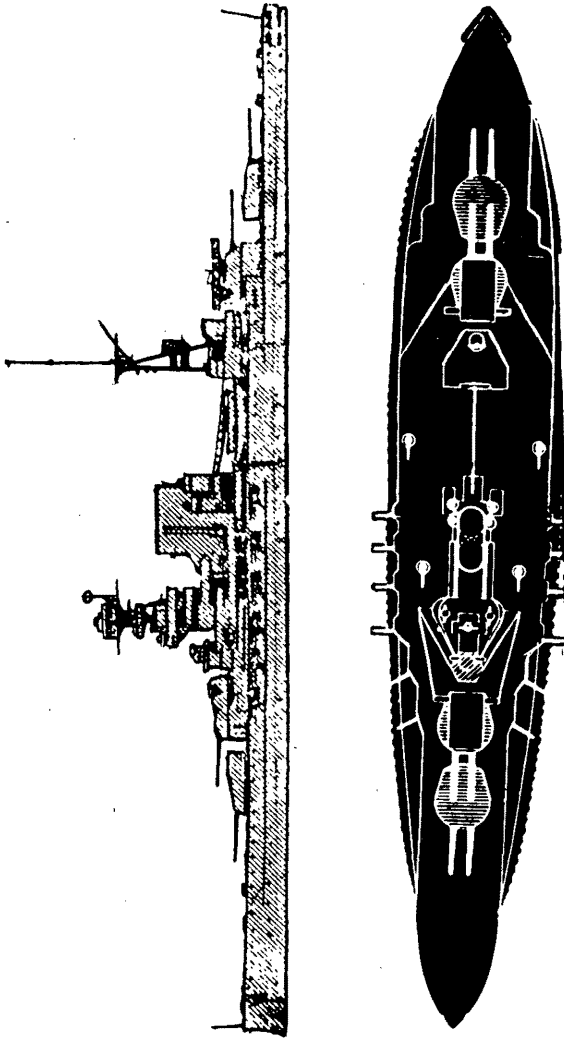
Guns: 8—15-inch.
12—6-inch.
8—4-inch AA.
4—3-pounder.
5—machine guns.
10—Lewis guns (besides multimachine guns).

Torpedo tubes: 2—21-inch in BARHAM.

Aircraft: 1 in BARHAM. Catapults: 1.
4 in MALAYA.

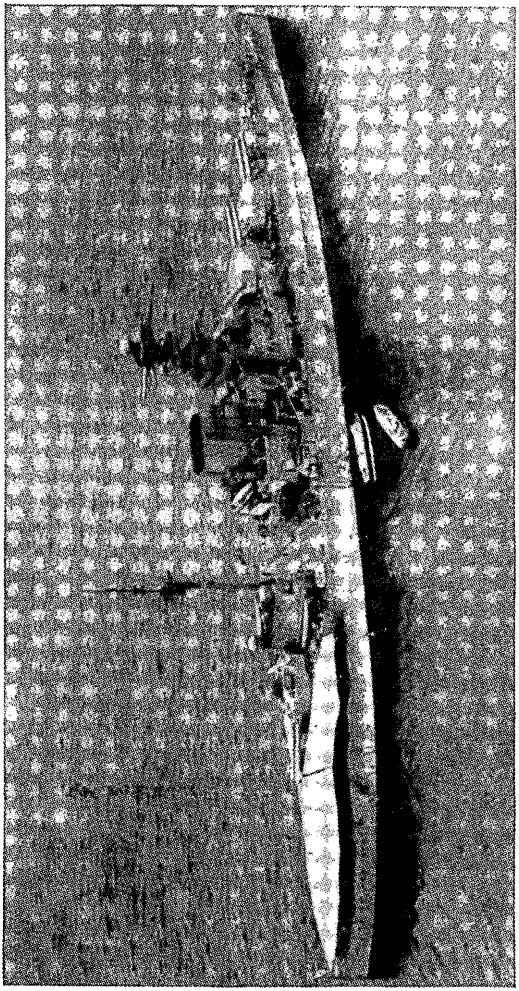
Appearance note: BARHAM has tripod mainmast and catapult on roof of "X" turret; MALAYA has pole mainmast and new type (athwartship) catapult before mainmast.

BRITISH NAVY



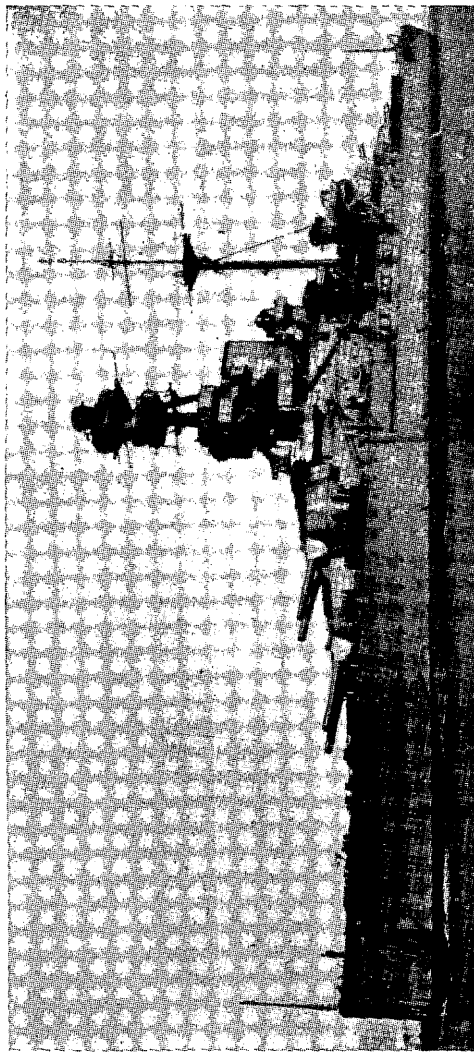
Battleship BARHAM (MALAYA similar).
(Now has athwartship catapult and 4-inch AA guns are paired.)

Battleships
Queen Elizabeth Class
(4th and 5th ships)



Battleship MALAYA.

BRITISH NAVY



Battleship ROYAL SOVEREIGN.

Battleships
Royal Sovereign Class

Royal Sovereign Class

ROYAL SOVEREIGN
RESOLUTION
RAMILLIES
REVENGE

Description: Displacement: 33,500 tons (full load).
Length: 620½ feet (over-all).
Beam: 102½ feet.
Draft: 28½ feet (mean).
Speed: under 22 knots with bulges.

Guns: 8—15-inch. 1—12-pounder, field.
12—6-inch. 5 machine guns.
8—4-inch. 10 Lewis (besides multi-
4—3-pounder. machine guns).

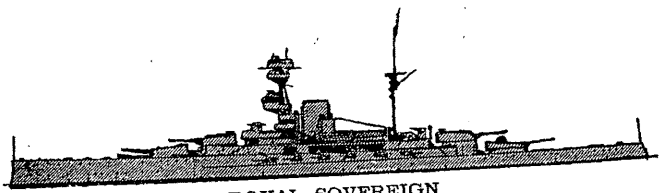
Torpedo tubes: 2—21-inch (submerged in REVENGE).

Aircraft: 1 on RESOLUTION.

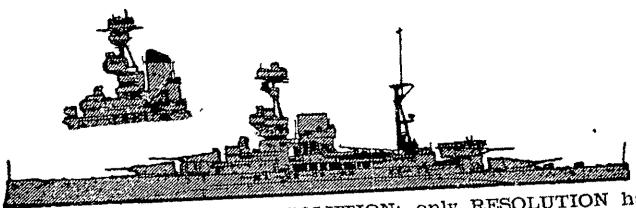
Catapults: 1 on RESOLUTION (turret type).

Appearance note: RESOLUTION has clinker screen to funnel, tripod mainmast, and catapult on "X" turret. ROYAL SOVEREIGN retains pole mainmast and has very tall charthouse. RAMILLIES has deep bulges, extending up to battery, and tripod mainmast. REVENGE has pole mainmast with searchlight platform and short topmast, clinker screen to funnel, sternwalk, and extra heavy forebridge. Details of bridge vary in each ship.

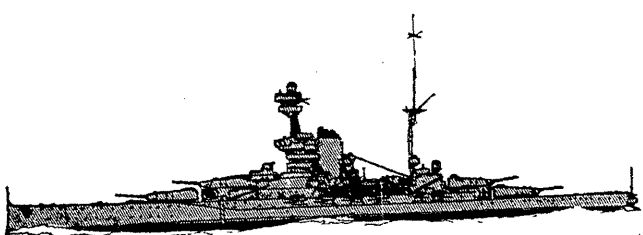
BRITISH NAVY



ROYAL SOVEREIGN

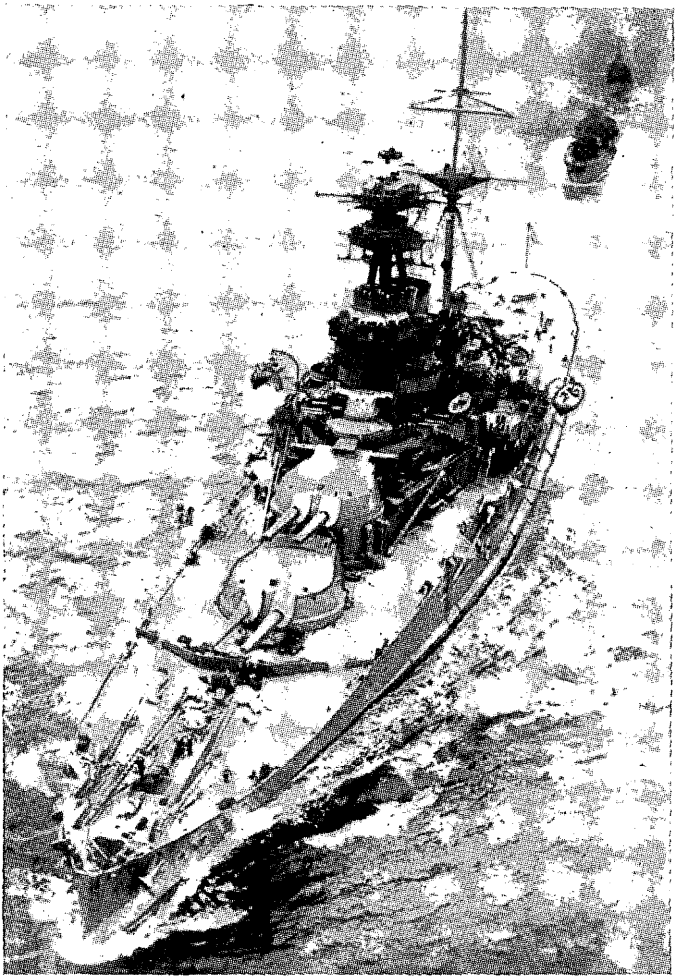


RAMILLIES (Part sketch—RESOLUTION; only RESOLUTION has catapult on "X" turret.)



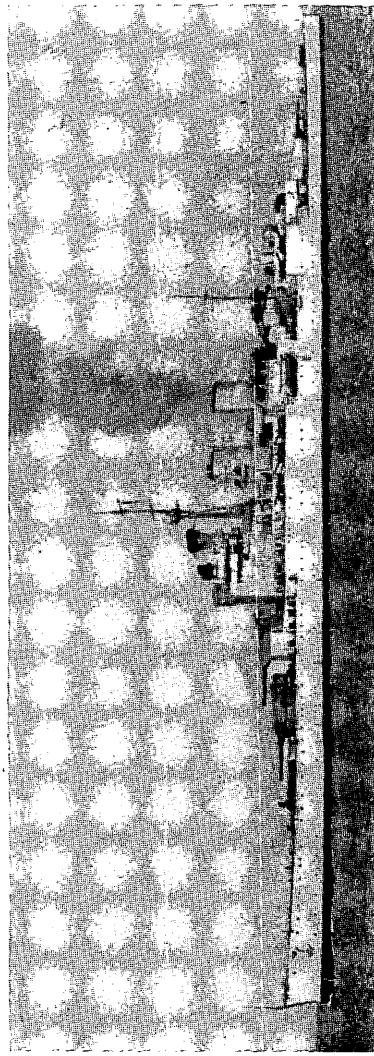
REVENGE

Battleships
Royal Sovereign Class



Battleship ROYAL SOVEREIGN.

BRITISH NAVY



Battle cruiser RENOWN.

Battle Cruisers
Renown Class

Renown Class

RENOWN (37,400 tons (full load))
REPULSE (36,800 tons (full load))

Description: Displacement: As above.
Length: 794 feet (over-all).
Beam: 103 feet.
Draft: 27 feet (mean).
Speed: 29 knots.

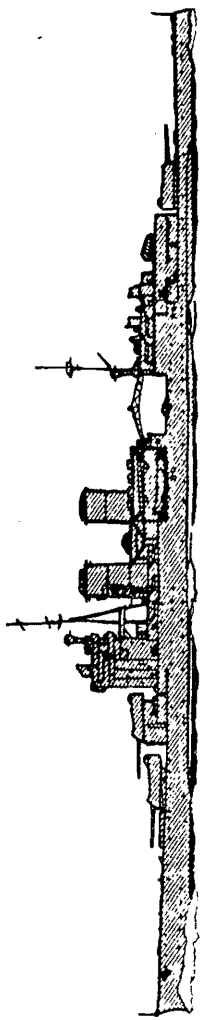
RENOWN

Guns: 6—15-inch.
20—4.5-inch (dual purpose).
18 smaller.
Torpedo tubes: None.
Aircraft: 4 with catapult.

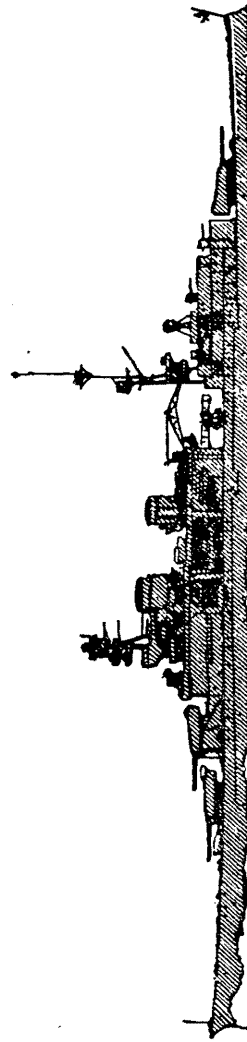
REPULSE

Guns: 6—15-inch.
12—4-inch.
8—4-inch AA.
4—3-pounder.
1—12-pounder, field.
5 machine guns.
10 Lewis (besides multimachine guns).
Torpedo tubes: 8—21-inch above water in pairs.
Aircraft: 4 with catapult.

BRITISH NAVY

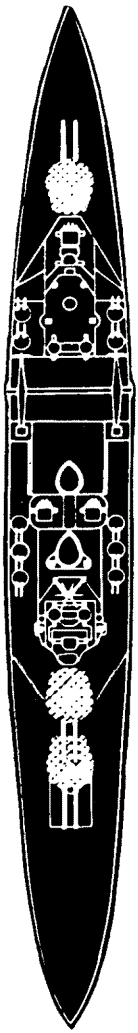


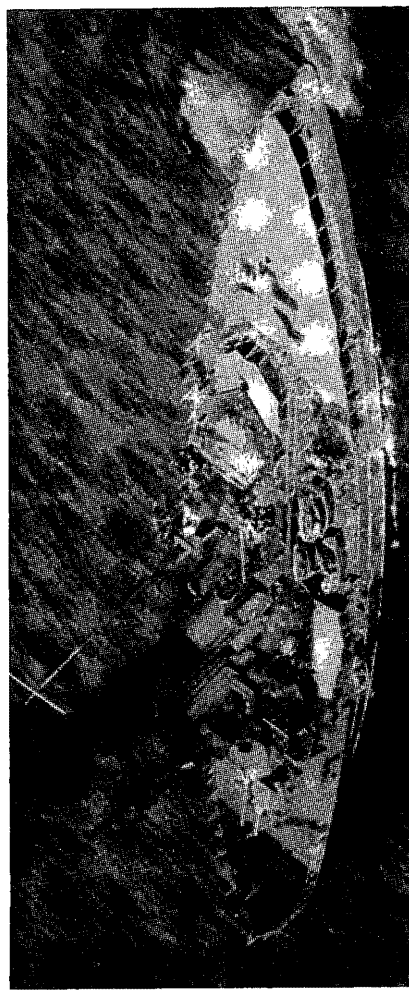
Battle cruiser RENOWN.



Battle cruiser REPULSE.

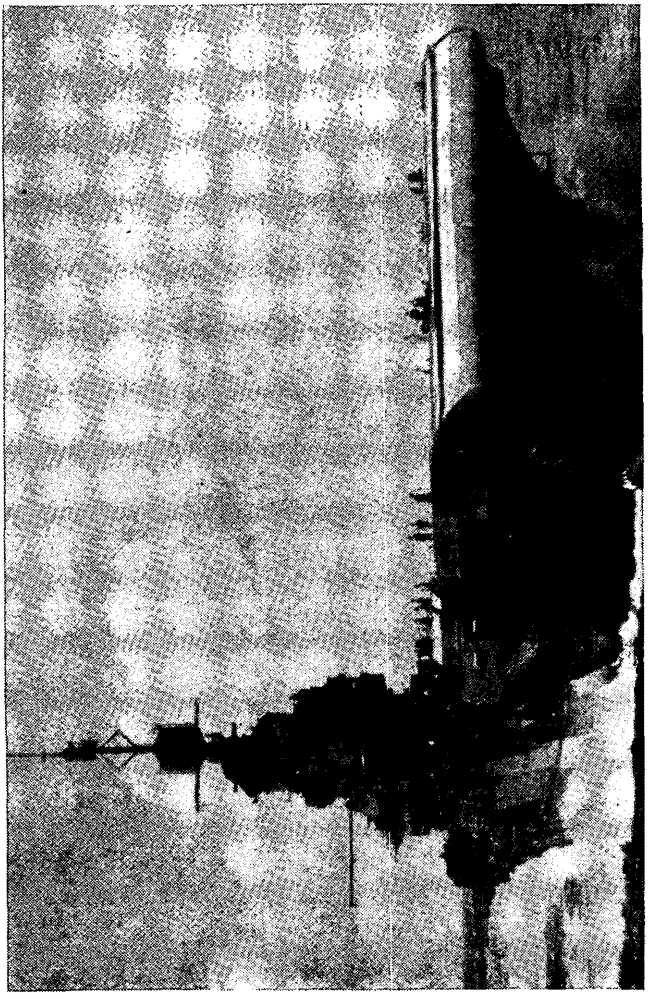
Battle Cruisers
Renown Class





Battle cruiser REPULSE.

BRITISH NAVY



Aircraft carrier ILLUSTRIOUS.

Aircraft Carriers
Illustrious Class
(6 ships)

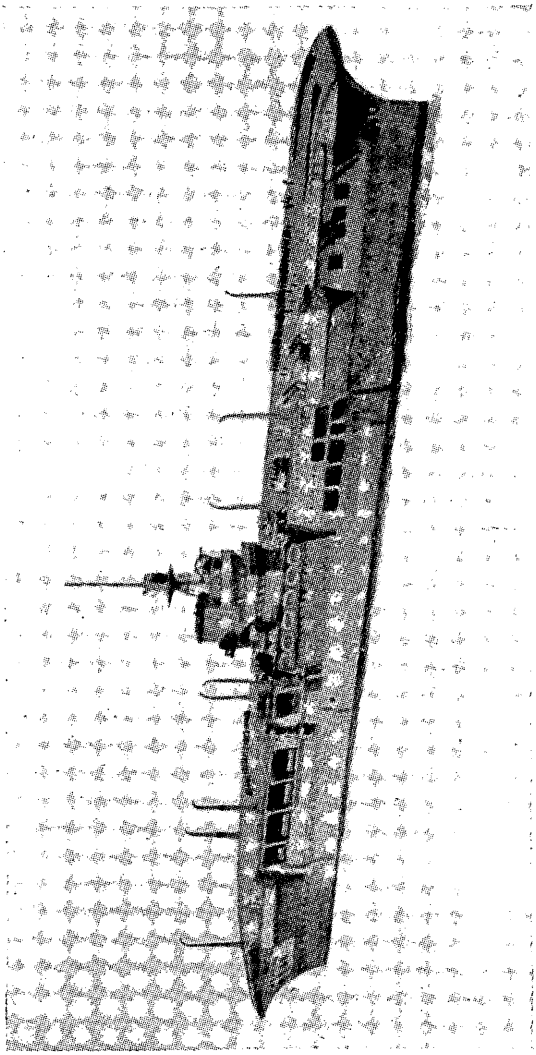
Illustrious Class

ILLUSTRIOUS
VICTORIOUS
FORMIDABLE
INDOMITABLE
IMPLACABLE
INDEFATIGABLE

Description: Displacement: 23,000 tons.
Length: 753 feet.
Beam: 95 feet.
Draft: 24 feet.
Speed: Over 30 knots.
Guns: 16—4.5-inch (dual purpose).

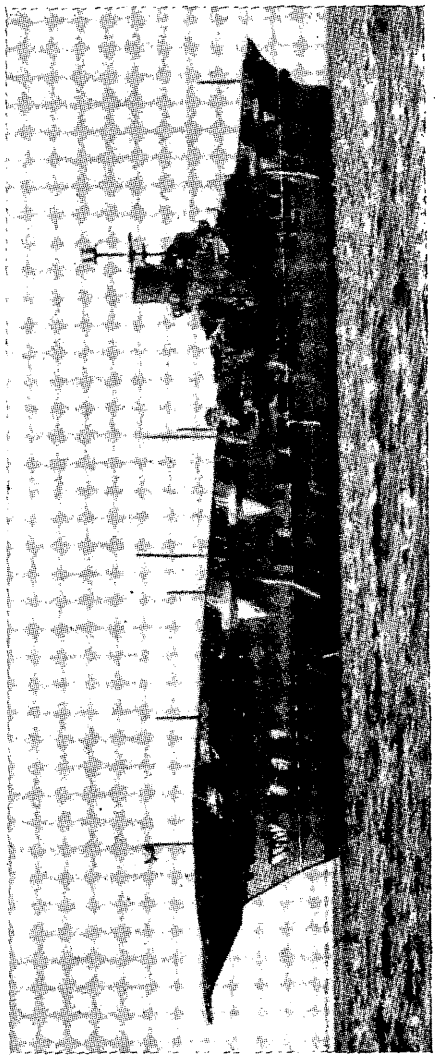
BRITISH NAVY

Aircraft Carriers
Illustrious Class



Aircraft carrier ILLUSTRIOUS.

BRITISH NAVY



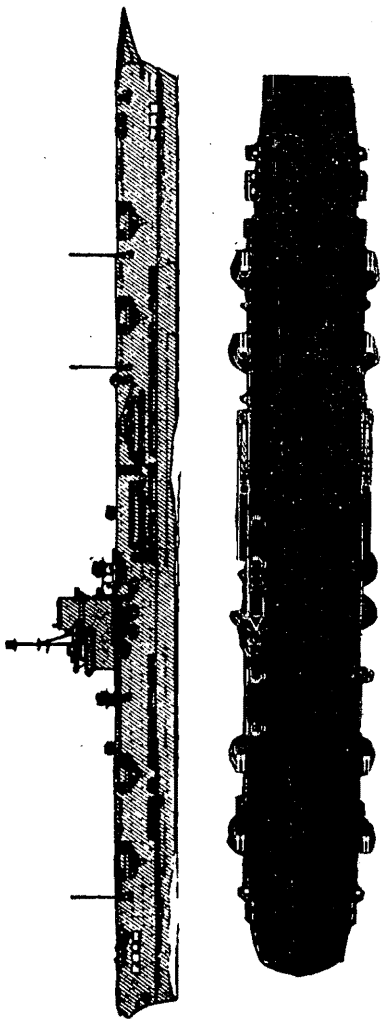
Aircraft carrier ARK ROYAL

Aircraft Carrier
ARK ROYAL

ARK ROYAL

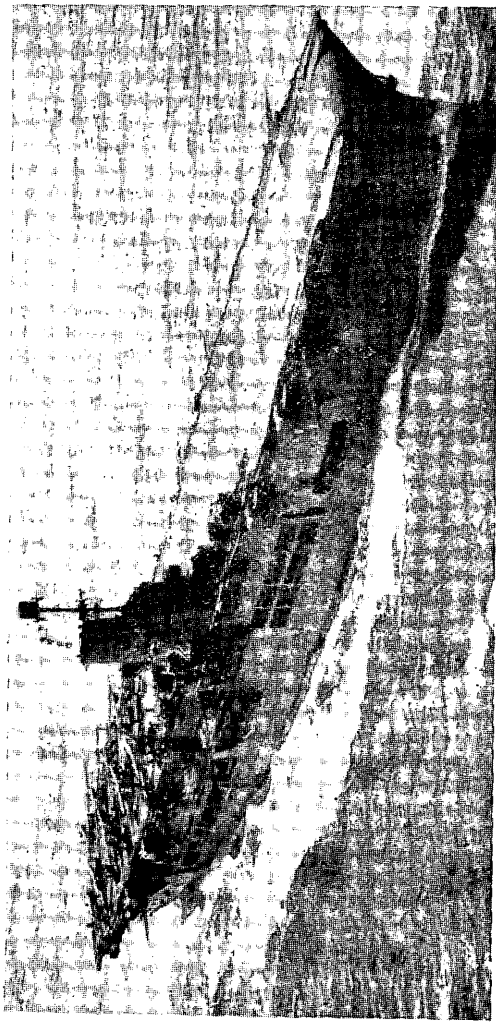
Description: Displacement: 27,000 tons (full load).
Length: 800 feet (over-all).
Beam: 94¾ feet.
Draft: 23 feet (mean).
Speed: 31 knots.
Guns: 16—4.5-inch (dual purpose).
4—3-pounder.
6 multiple pompoms.
8 multimachine guns.
Aircraft: 60.

BRITISH NAVY



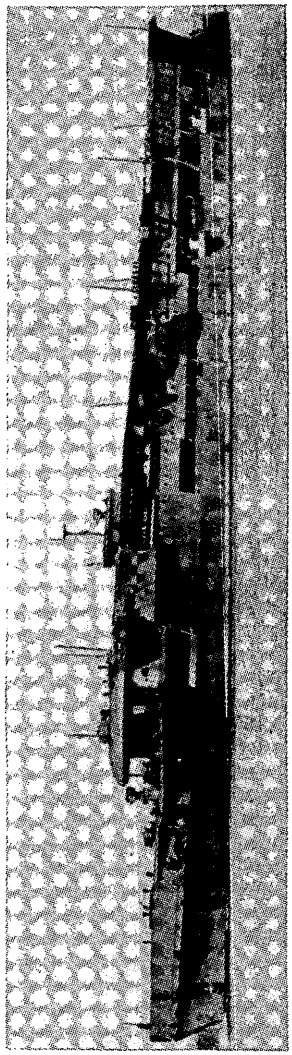
Aircraft carrier ARK ROYAL.
(Funnel since heightened.)

Aircraft Carrier
ARK ROYAL



Aircraft carrier ARK ROYAL.

BRITISH NAVY



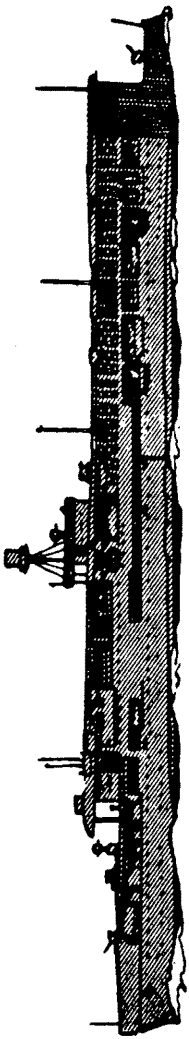
Aircraft carrier FURIOUS.

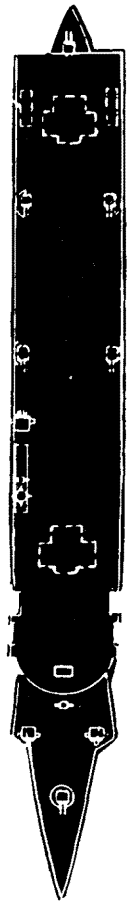
Aircraft Carrier
FURIOUS

FURIOUS

Description: Displacement: 22,450 tons.
Length: 786¼ feet (over-all).
Beam: 89¾ feet (outside bulges).
Draft: 25 feet (maximum).
Speed: 31 knots.
Guns: 12—4.5-inch (dual purpose).
8 multiple pompoms.
22 smaller.
Aircraft: 33 (official complement).

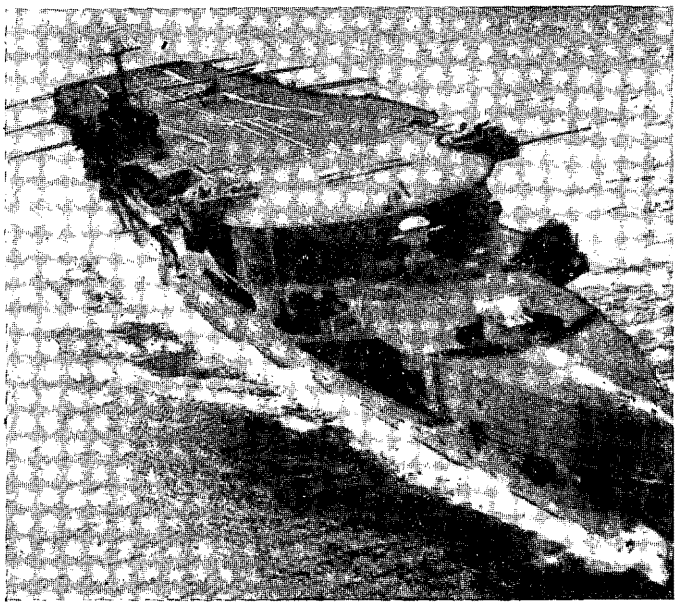
BRITISH NAVY





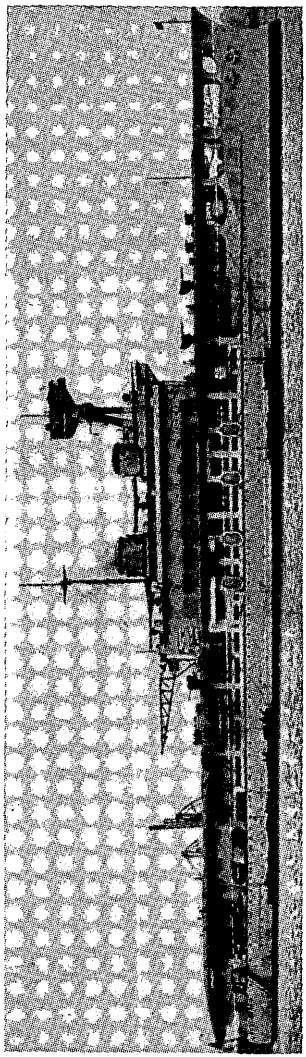
Aircraft carrier FURIOUS.

Aircraft Carrier
FURIOUS



Aircraft carrier FURIOUS.

BRITISH NAVY



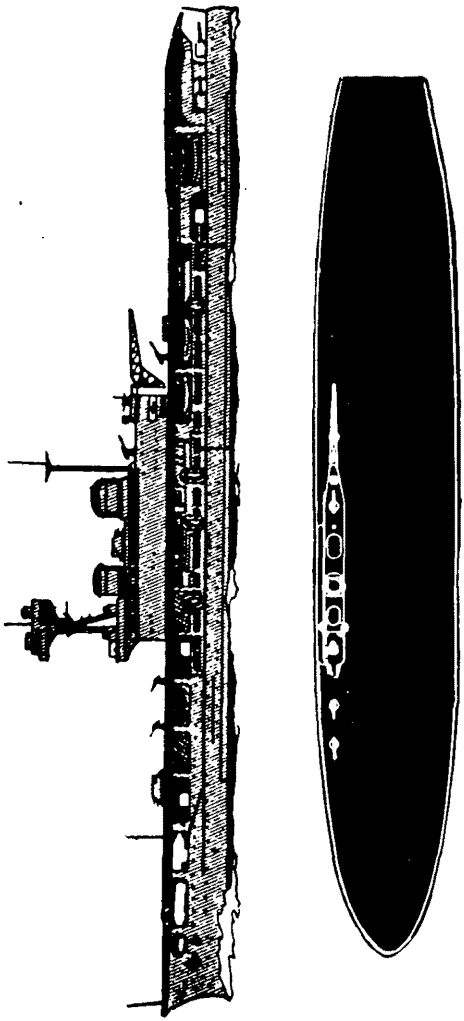
Aircraft carrier EAGLE.

Aircraft Carrier
EAGLE

EAGLE

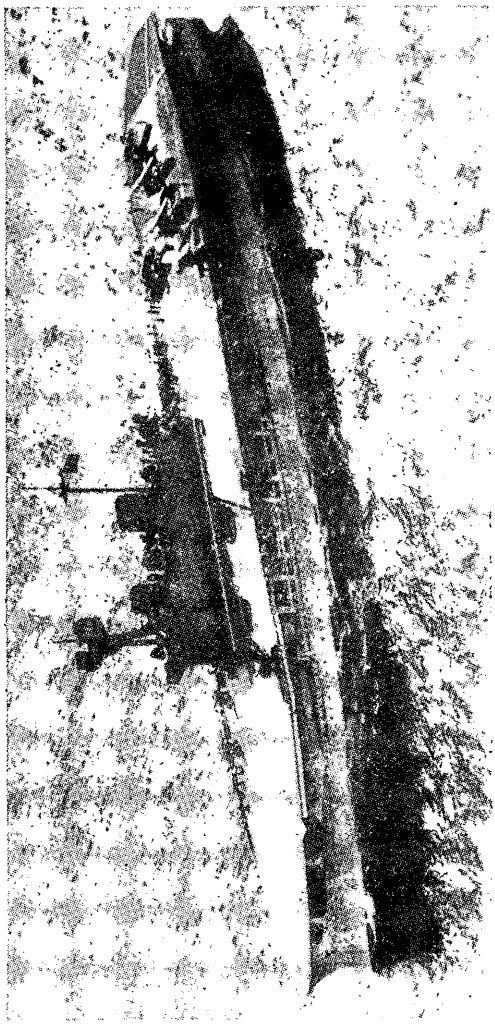
Description: Displacement: 26,400 tons (deep load).
Length: 667 feet (over-all).
Beam: 105 feet (maximum).
Draft: 27 feet (maximum).
Speed: 24 knots.
Guns: 9—6-inch.
4—4-inch AA.
22 smaller.
Aircraft: 21 (official complement).

BRITISH NAVY



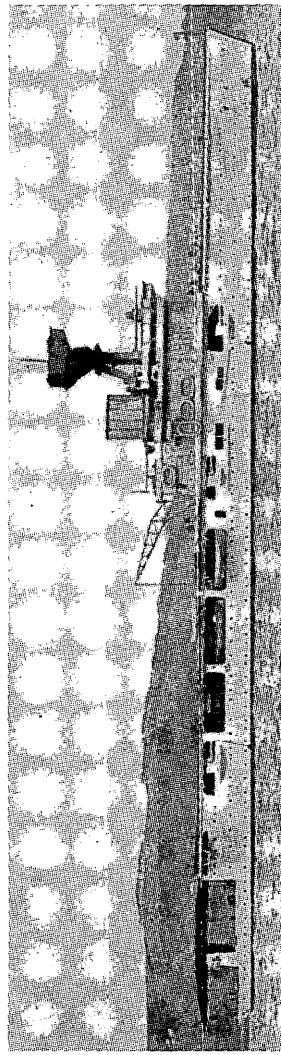
Aircraft carrier EAGLE.

Aircraft Carrier
EAGLE



Aircraft carrier EAGLE.

BRITISH NAVY



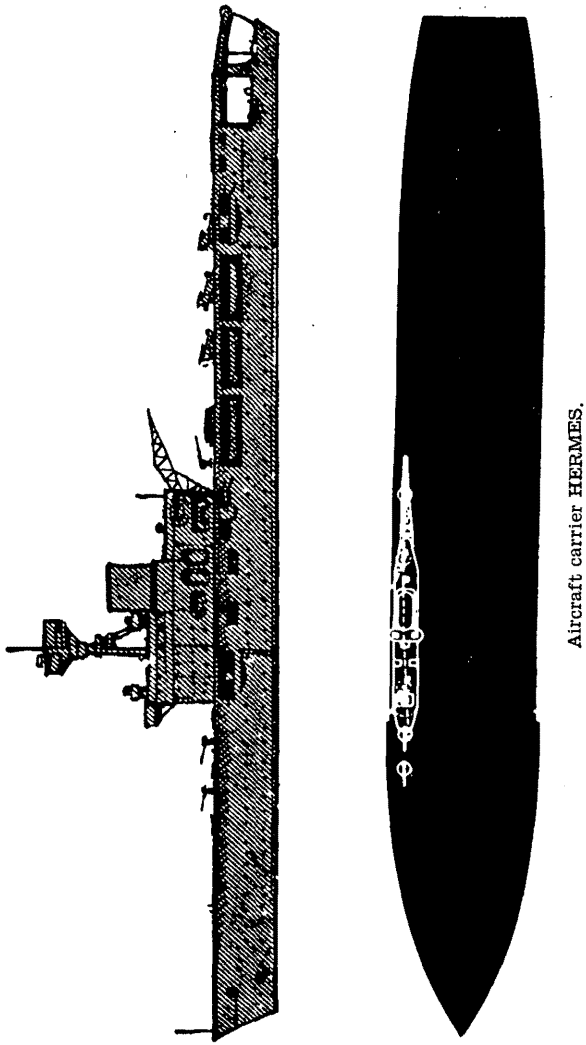
Aircraft carrier HERMES.

Aircraft Carrier
HERMES

HERMES

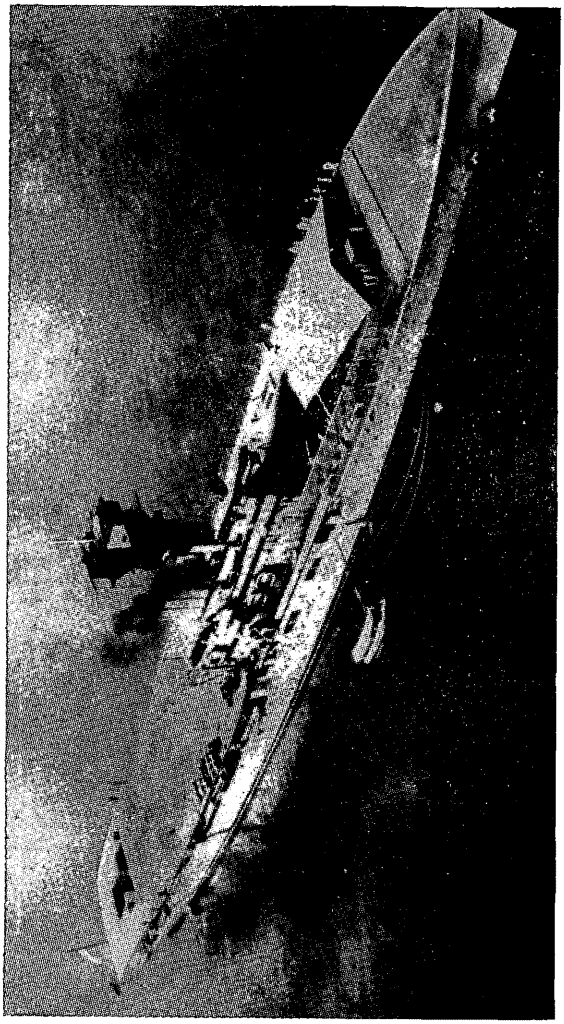
Description: Displacement: 12,900 tons (full load).
Length: 598 feet (over-all).
Beam: 70 feet (waterline).
90 feet (over flight deck).
Draft: 18¾ feet (mean).
Speed: 25 knots.
Guns: 6—5.5-inch.
3—4-inch AA.
18 smaller.
Aircraft: 15 (official complement).

BRITISH NAVY



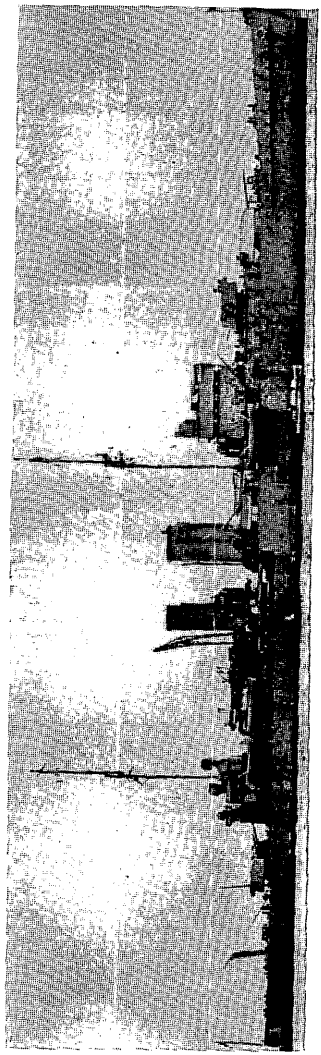
Aircraft carrier HERMES.

Aircraft Carrier
HERMES



Aircraft carrier HERMES.

BRITISH NAVY



Cruiser EXETER.

Cruiser
EXETER

EXETER

Description: Displacement: 8,390 tons.
Length: 575 feet (over-all).
Beam: 58 feet.
Draft: 17 feet (mean).
Speed: 32 knots.

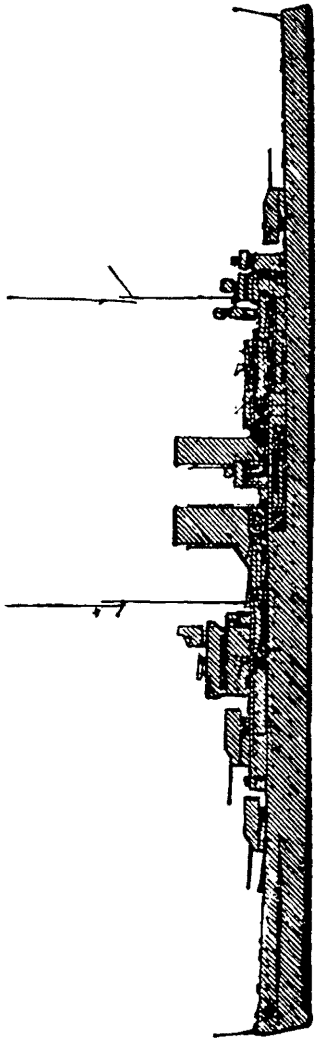
Guns: 6—8-inch.
8—4-inch AA.
4—3-pounder.
14 smaller.

Torpedo tubes: 6—21-inch (tripled).

Aircraft: 2. Catapults: 2.

Appearance note: Design is similar to YORK.

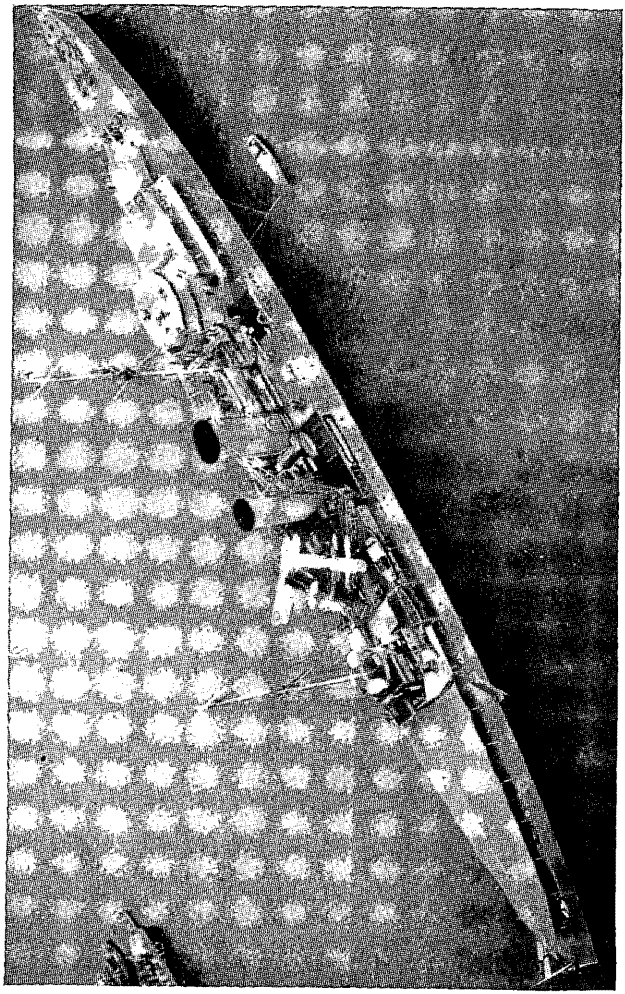
BRITISH NAVY





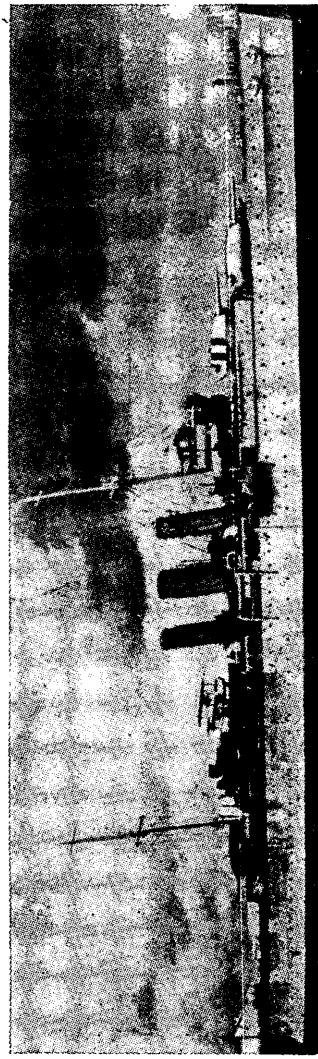
Cruiser EXETER.
(AA guns are now in pairs.)

Cruiser
EXETER



Cruiser EXETER.

BRITISH NAVY



Cruiser DORSETSHIRE.

Cruiser
Dorsetshire Class

DORSETSHIRE
NORFOLK

Description: Displacement: 9,975 tons.
Length: 630 feet (over-all).
Beam: 66 feet.
Draft: 17 feet (mean).
Speed: 32 knots.

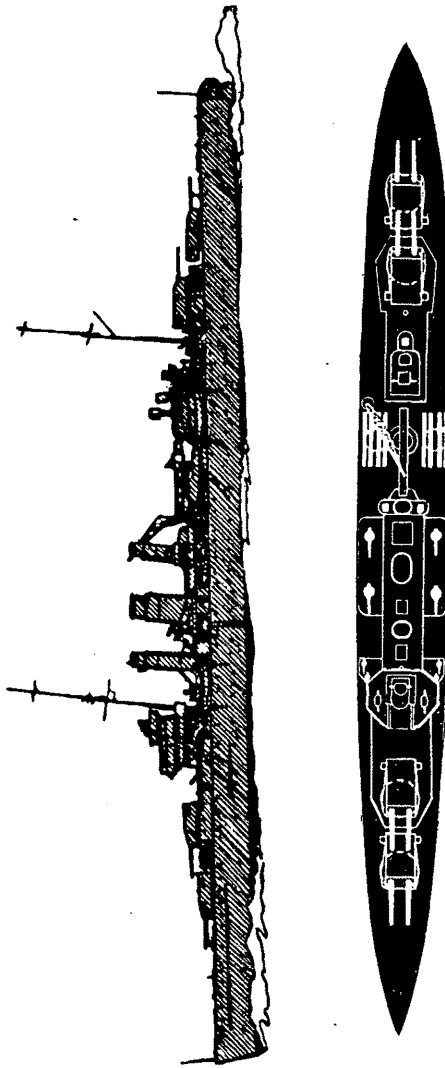
Guns: 8—8-inch.
8—4-inch AA.
4—3-pounder.
16 smaller.

Torpedo tubes: 8—21-inch (quadrupled).

Aircraft: 1. Catapults: 1.

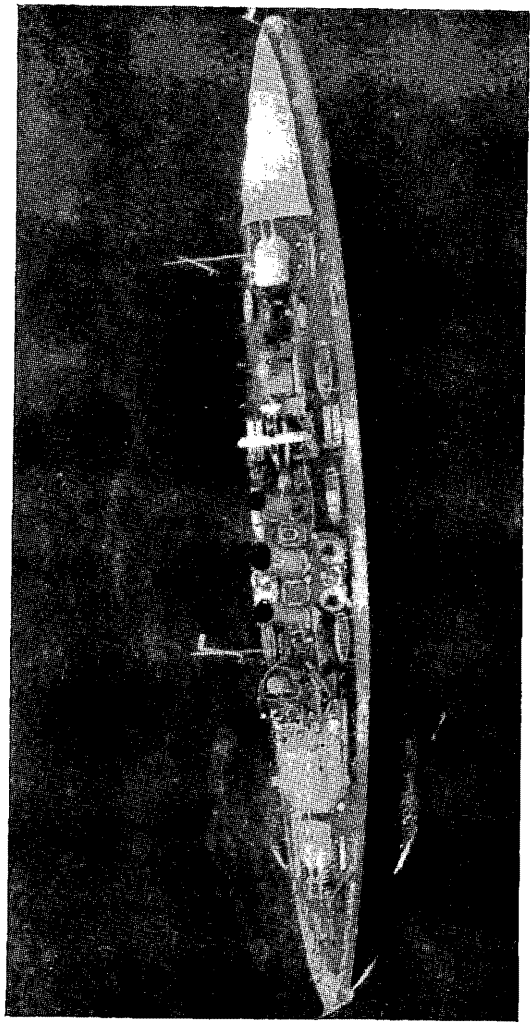
Appearance note: Can be distinguished from London Class by lower bridge, positions of antiaircraft guns, and sternwalks; from KENT by absence of searchlight tower forward of mainmast; and from other ships of Kent Class by absence of hangar.

BRITISH NAVY



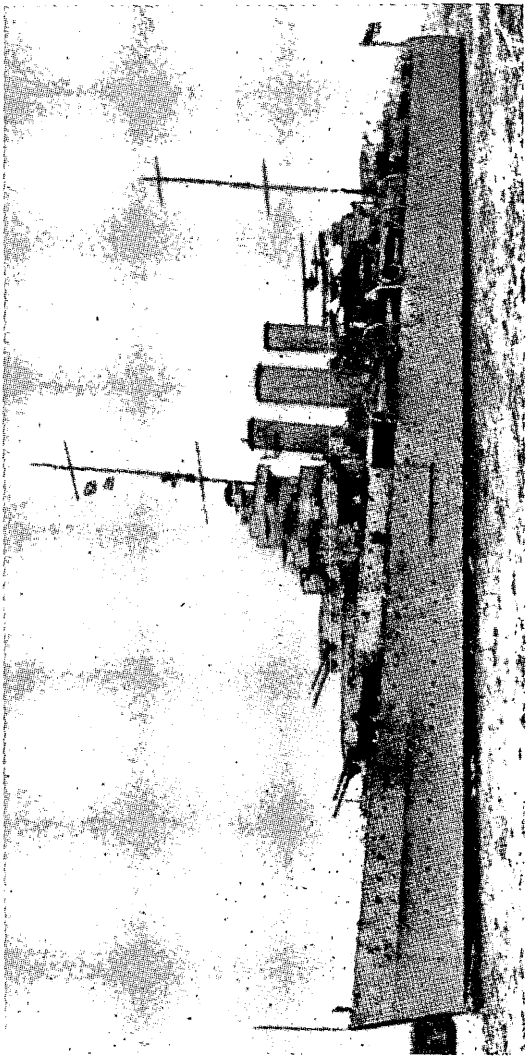
Cruisers, Dorsetshire Class.
(Crane is actually mounted forward of torpedo tubes; AA guns are paired.)

Cruisers
Dorsetshire Class



Cruiser NORFOLK.

BRITISH NAVY



Cruiser SHROPSHIRE.

Cruisers
London Class
(4 ships)

DEVONSHIRE
LONDON
SHROPSHIRE
SUSSEX

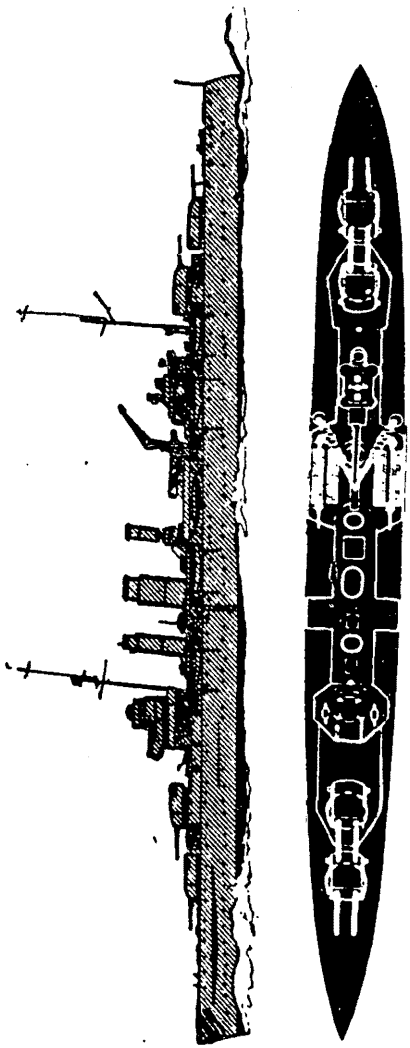
Description: Displacement: 9,850 tons.
Length: 633 feet (over-all).
Beam: 66 feet.
Draft: 17 feet (mean).
Speed: 32 knots.

Guns: 8—8-inch.
8—4-inch AA.
4—3-pounder.
14 smaller.

Torpedo tubes: 8—21-inch (quadrupled).

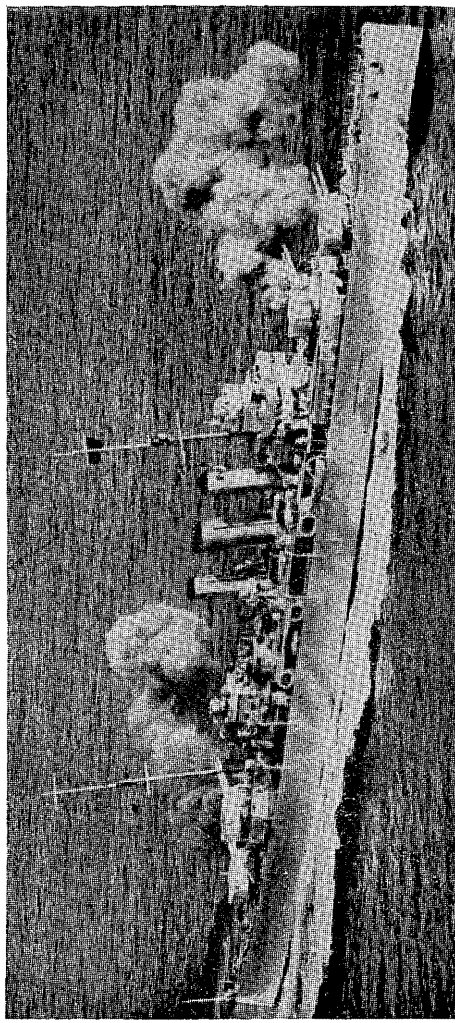
Aircraft: 1. Catapults: 1.

BRITISH NAVY



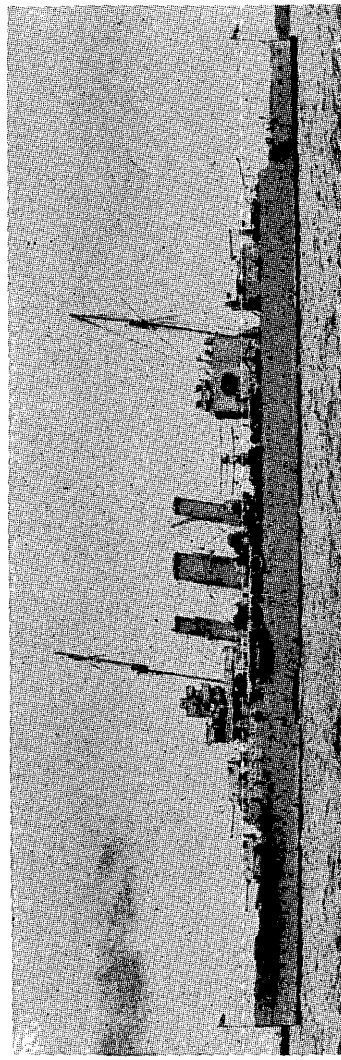
Cruiser, London Class.

Cruisers
London Class



Cruiser DEVONSHIRE.

BRITISH NAVY



Cruiser CUMBERLAND.

Cruisers
Kent Class
(5 ships)

BERWICK
CORNWALL
CUMBERLAND
KENT
SUFFOLK

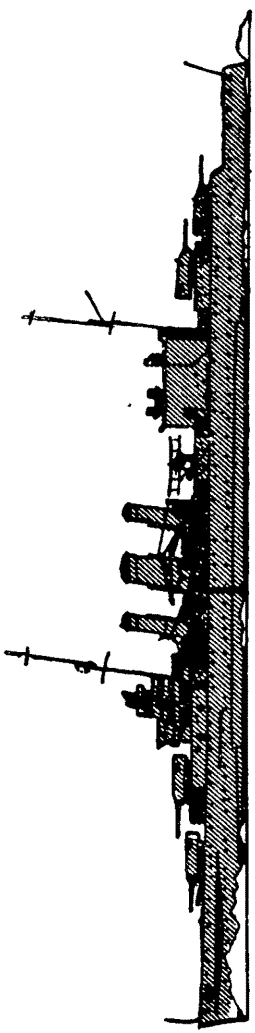
Description: Displacement: 10,000 tons.
Length: 630 feet (over-all).
Beam: 68½ feet.
Draft: 16¼ feet (mean).
Speed: 31.5 knots.

Guns: 8—8-inch.
8—4-inch AA (6 in SUFFOLK).
20 smaller.

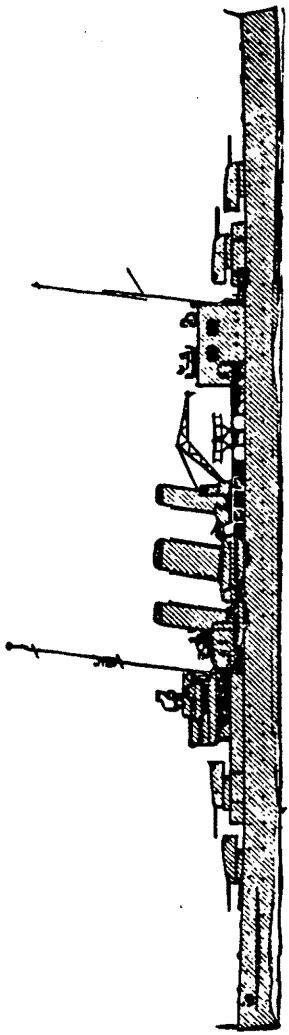
Torpedo tubes: (Removed).

Aircraft: 3. Catapults: 1.

BRITISH NAVY

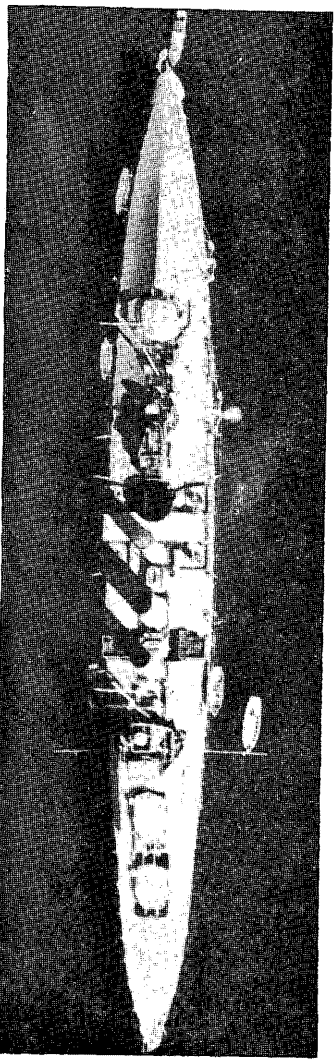


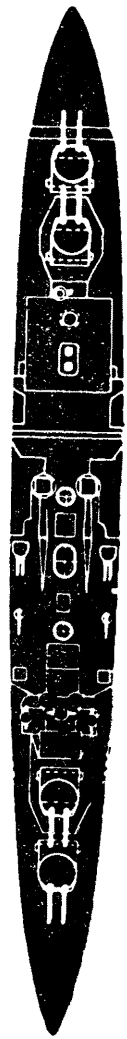
CUMBERLAND, also SUFFOLK.



BERWICK and CORNWALL,
Cruisers of Kent Class.

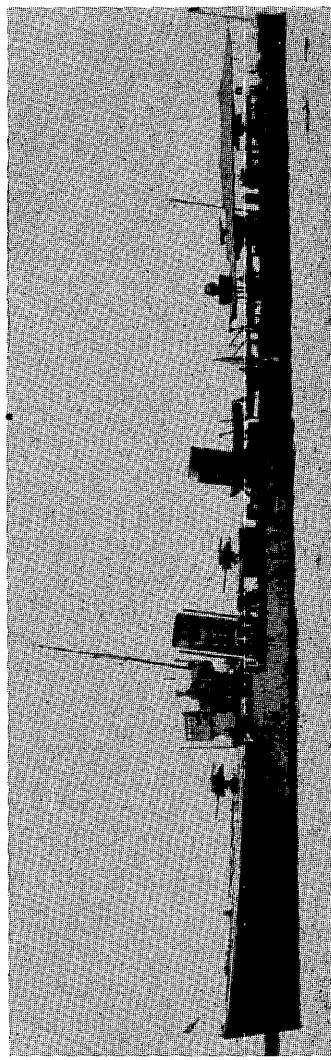
Cruisers
Kent Class





Cruiser KENT.

BRITISH NAVY



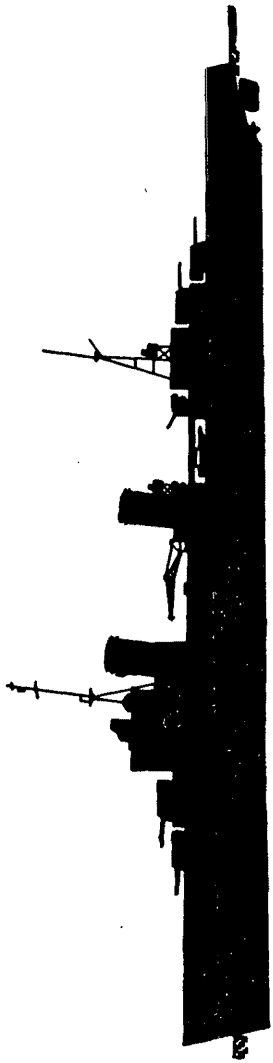
Cruiser TRINIDAD.

Cruisers
Fiji Class
(13 ships)

FIJI
KENYA
MAURITIUS
NIGERIA
UGANDA (to be completed in 1942)
TRINIDAD
CEYLON (to be completed in 1942)
GAMBIA (to be completed in 1942)
JAMAICA (to be completed in 1942)

4 more (names not released)
Description: Displacement: 8,000 tons.
Length: 549 feet.
Beam: 62 feet.
Draft: 16½ feet.
Speed: 33 knots.
Guns: 12—6-inch.
8—4-inch AA.
16 smaller.
Aircraft: 3. Catapults: 1.

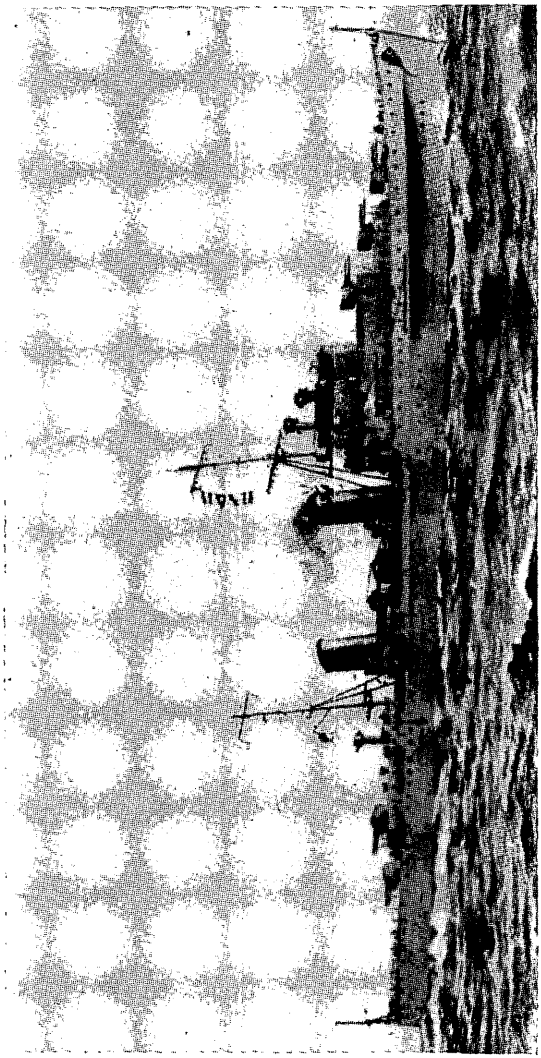
BRITISH NAVY



Silhouette Fiji Class.

Cruisers
Fiji Class
(13 ships)

BRITISH NAVY



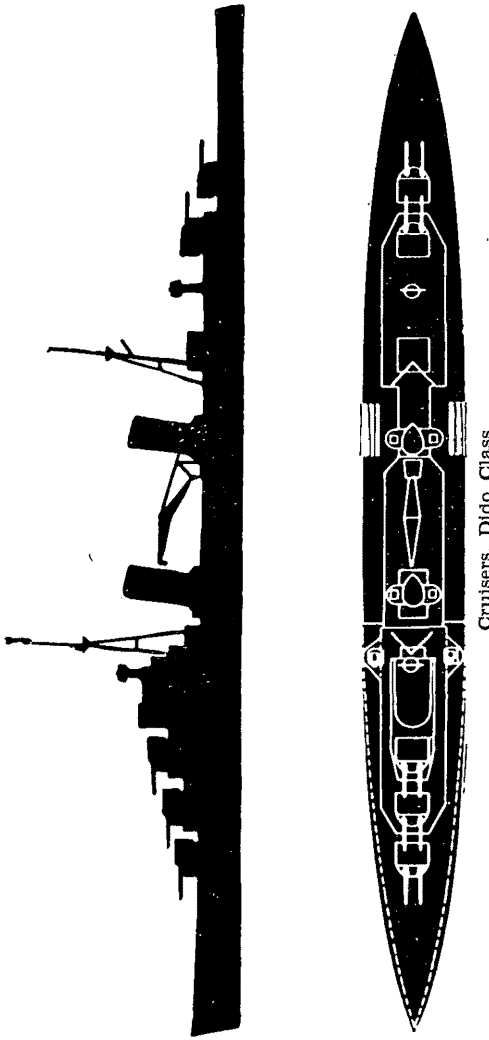
Cruiser DIDO.

Cruisers
Dido Class
(10 ships)

DIDO
EURYALUS
NAIAD
PHOEBE
SIRIUS
BONAVENTURE
HERMIONE
CHARYBDIS
CLEOPATRA
SCYLLA

Description: Displacement: 5,450 tons.
Length: 506 feet.
Beam: 51½ feet.
Draft: 14 feet.
Speed: 33 knots.
Guns: 10—5.25-inch.
8—4-inch AA.
16 smaller.
Torpedo tubes: 6—21-inch (tripled).
Aircraft: 1. Catapults: 1.

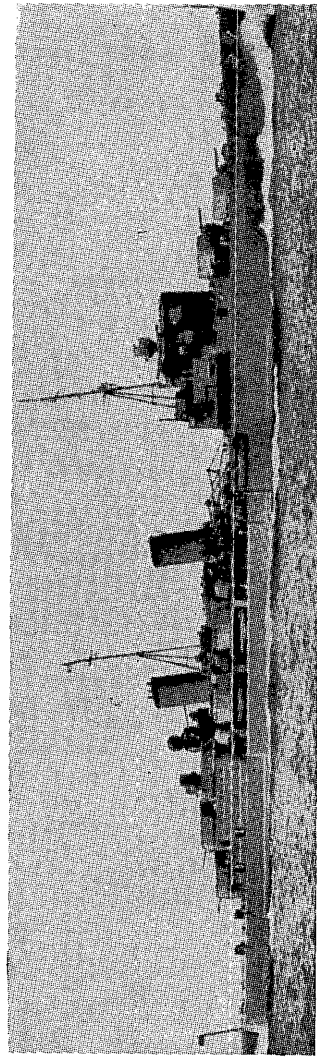
BRITISH NAVY



Cruisers, Dido Class.

Cruisers
Dido Class
(10 ships)

BRITISH NAVY



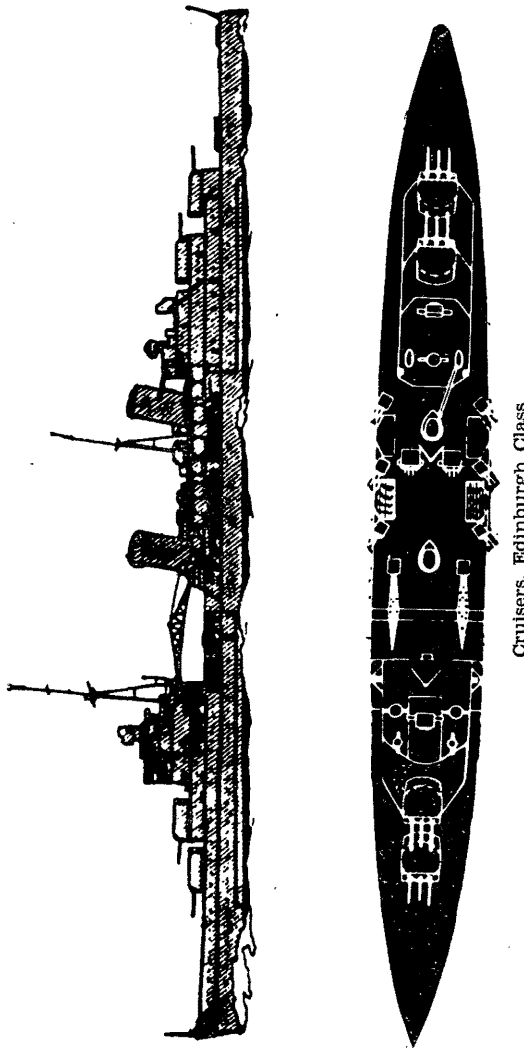
Cruiser BELFAST.

Cruisers
Edinburgh Class

EDINBURGH
BELFAST

Description: Displacement: 10,000 tons.
Length: 613½ feet (over-all).
Beam: 63 feet.
Draft: 17¼ feet.
Speed: 32.5 knots.
Guns. 12—6-inch.
12—4-inch AA.
4—3-pounder.
16 smaller.
Torpedo tubes: 6—21-inch (tripled).
Aircraft: 4. Catapults: 1.

BRITISH NAVY



Cruisers, Edinburgh Class.

Cruisers
Edinburgh Class

BRITISH NAVY



Cruiser SOUTHAMPTON.

Cruisers
Southampton Class
(8 ships)

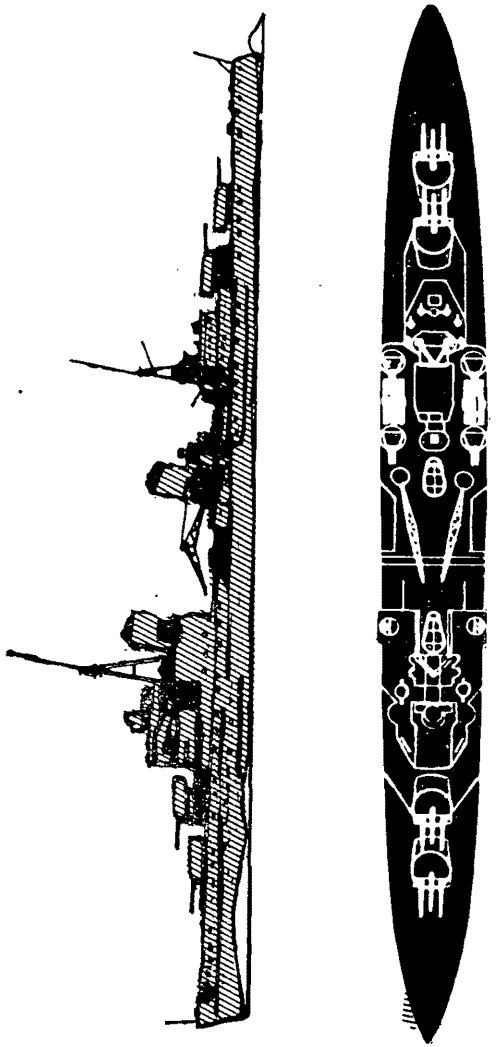
SOUTHAMPTON (lost January 10, 1941)
NEWCASTLE
SHEFFIELD
BIRMINGHAM
GLASGOW
GLOUCESTER
LIVERPOOL
MANCHESTER

Description: Displacement: 9,100 tons.
Length: 591½ feet (over-all).
Beam: 61⅔ feet.
Draft: 17 feet (mean).
Speed: 32 knots.

Guns: 12—6-inch.
8—4-inch AA.
1—3.7-inch howitzer.
4—3-pounder.
16 smaller.

Torpedo tubes: 6—21-inch (tripled).
Aircraft:3. Catapults: 1.

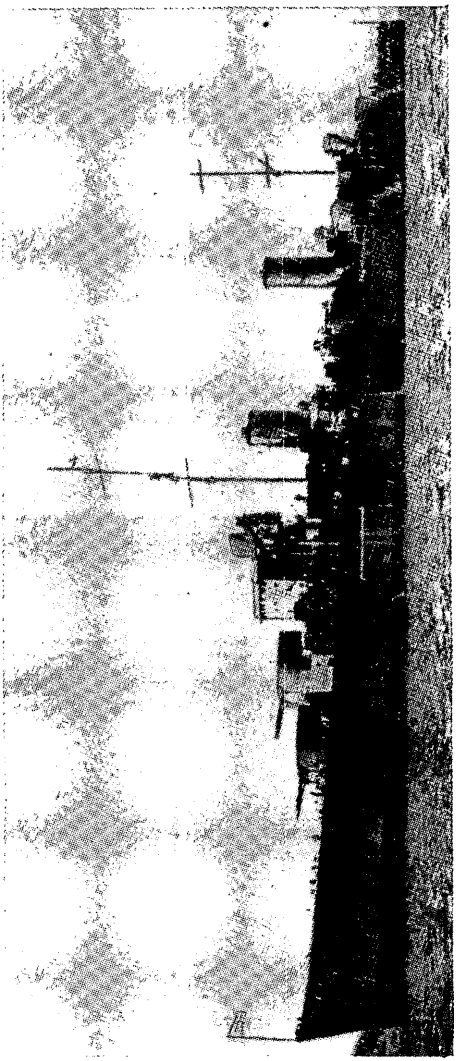
BRITISH NAVY



Cruisers, Southampton Class.

Cruisers
Southampton Class
(8 ships)

BRITISH NAVY



Cruiser AURORA.

Cruisers
Arethusa Class
(4 ships)

ARETHUSA
GALATEA
PENELOPE
AURORA

Description: Displacement: 5,270 tons.
Length: 500 feet (waterline).
Beam: 51 feet.
Draft: 13 feet 10 inches (mean).
Speed: 32.25 knots.

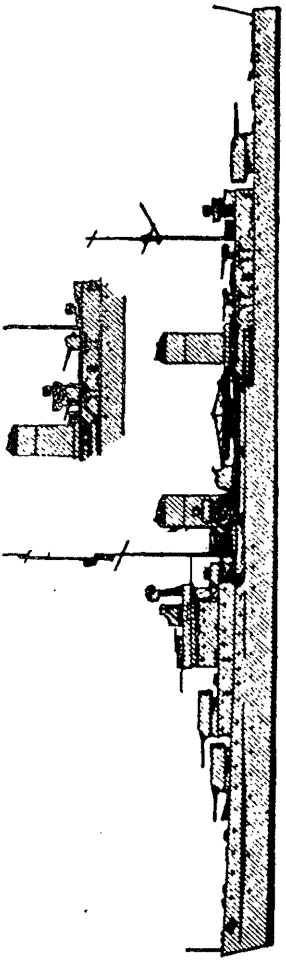
Guns: 6—6-inch.
8—4-inch AA.
2—3-pounder.
7 smaller.

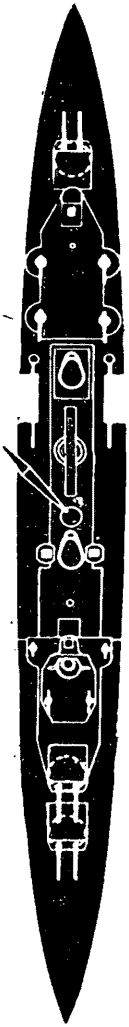
Torpedo tubes: 6—21-inch (tripled).

Aircraft: 1 (not carried at present by AURORA).

Catapults: 1 (AURORA none).

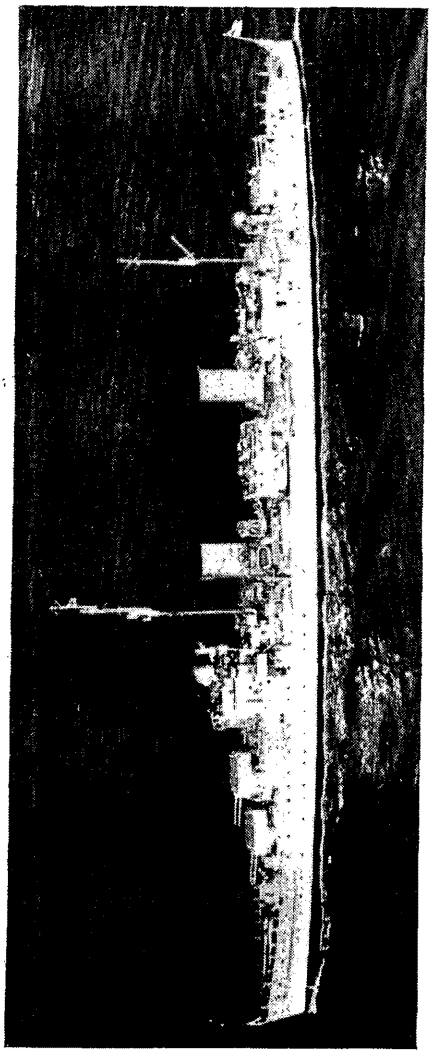
BRITISH NAVY





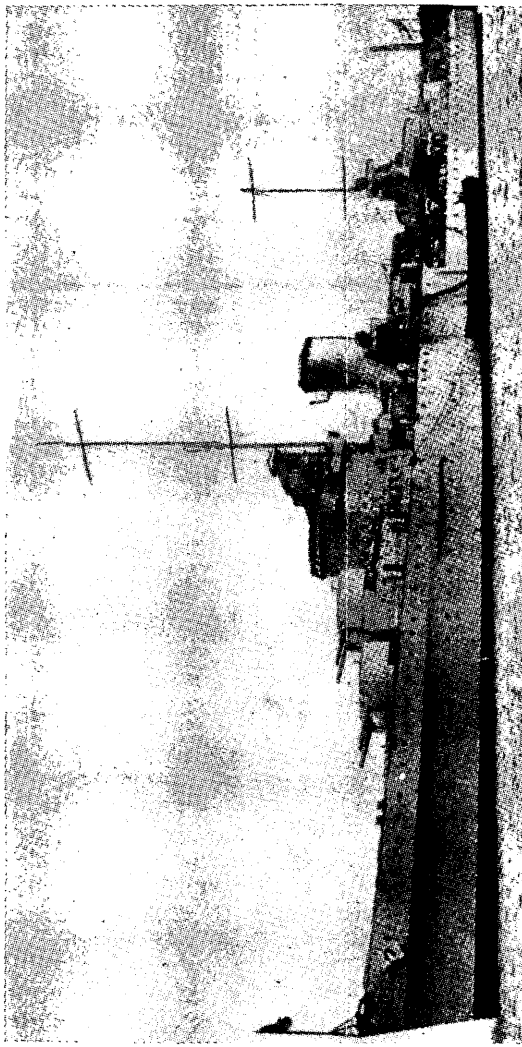
Cruisers, Arethusa Class.
(AURORA as part sketch, with hangar between funnels.) (AA guns now are paired.)

Cruisers
Arethusa Class
(4 ships)



Cruiser AURORA.

BRITISH NAVY



Cruiser ORION.

Cruisers
Leander Class
(5 ships)

LEANDER (7,270 tons)
ORION (7,215 tons)
NEPTUNE (7,175 tons)
ACHILLES (7,030 tons)
AJAX (6,985 tons)

Description: Displacement: As above.
Length: 554½ feet (over-all).
Beam: 55 feet.
Draft: 16 feet (mean) (AJAX, 15½).
Speed: 32.5 knots.

Guns: 8—6-inch.
8—4-inch AA (4 in ACHILLES).
4—3-pounder.
10 smaller.

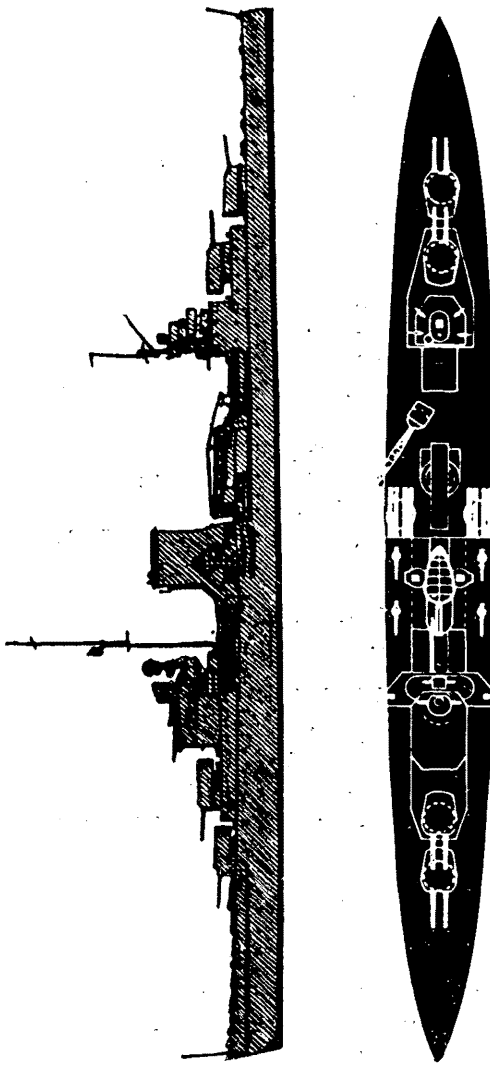
Torpedo tubes: 8—21-inch (quadrupled).

Aircraft: Catapult: 1.

LEANDER, ACHILLES, 1 each.
ORION, NEPTUNE, AJAX, 2 each.

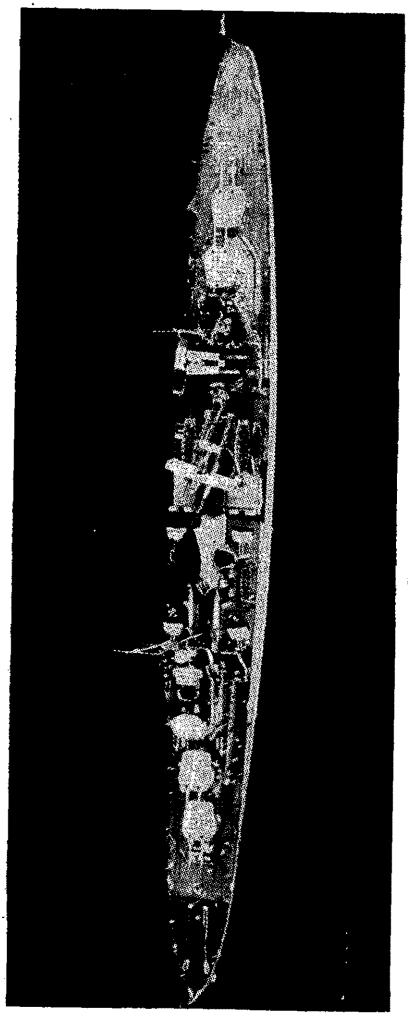
Note: ACHILLES and LEANDER lent to Dominion of New Zealand.

BRITISH NAVY



Cruisers, Leander Class.
(NEPTUNE has shorter foremast and AJAX has hers stepped slightly farther aft. Crane is actually mounted on centerline and AA guns are paired.)

Cruisers
Leander Class
(5 ships)



Cruiser ORION.

BRITISH NAVY



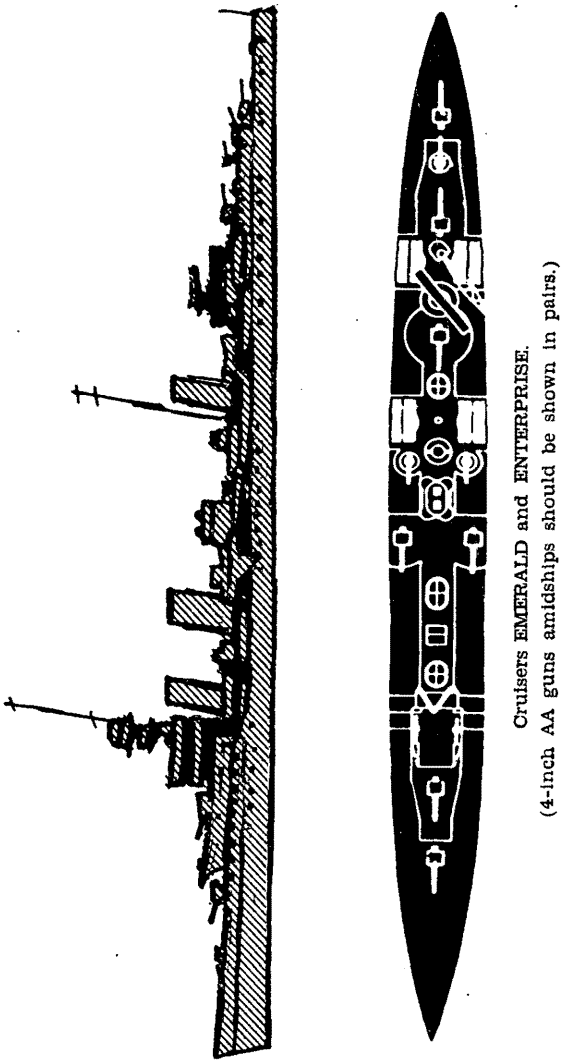
Cruiser EMERALD.

Cruisers
EMERALD, ENTERPRISE

EMERALD (7,550 tons)
ENTERPRISE (7,580 tons)

Description: Displacement: As above.
Length: 570 feet (over-all).
Beam: 54½ feet.
Draft: 16½ feet (mean).
Speed: 33 knots (full load, 32).
Guns: 7—6-inch.
5—4-inch AA.
4—3-pounder.
9 smaller.
Torpedo tubes: 16—21-inch (quadrupled).
Aircraft: 1. Catapult: 1.

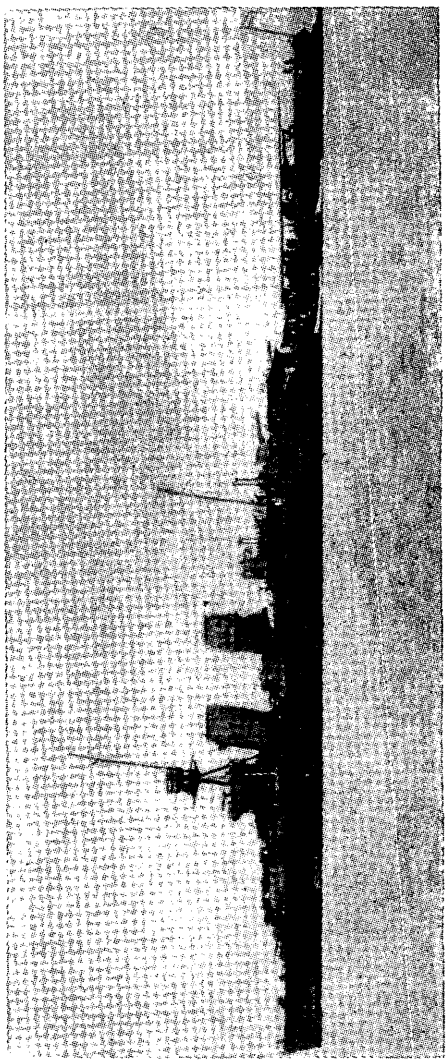
BRITISH NAVY



Cruisers EMERALD and ENTERPRISE.
(4-inch AA guns amidships should be shown in pairs.)

Cruisers
EMERALD, ENTERPRISE

BRITISH NAVY



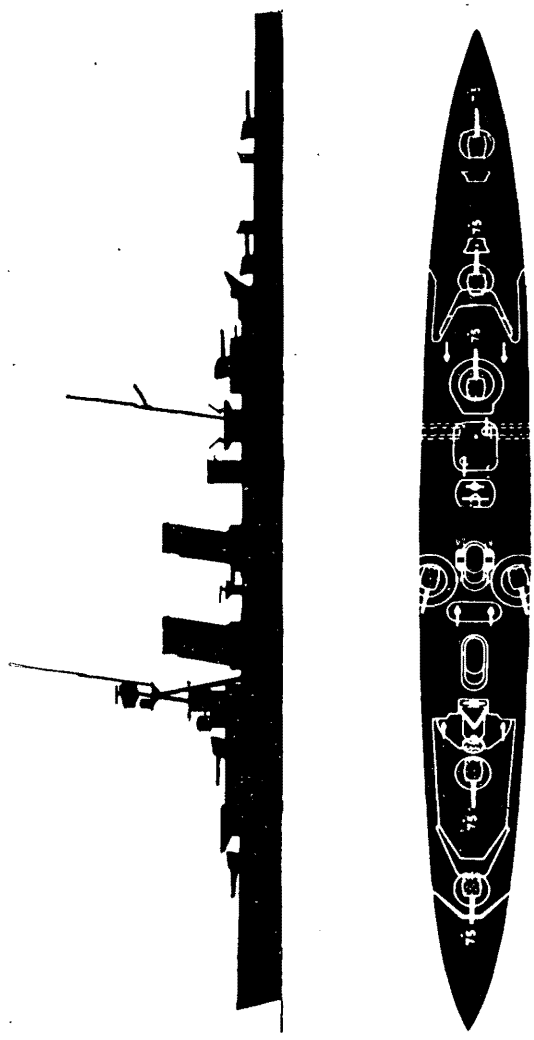
Cruiser HAWKINS.

Cruisers
Hawkins Class

FROBISHER (9,860 tons)
HAWKINS (9,800 tons)

Description: Displacement: As above.
Length: 605 feet (over-all).
Beam: 65 feet (outside bulges).
Draft: 20½ feet (maximum).
Speed: 30.5 knots, FROBISHER.
29.5 knots, HAWKINS.
Guns: (Originally) 7—7.5-inch.
4—4-inch AA.
14 smaller.
Torpedo tubes: 4—21-inch (above water).
Aircraft: To be added to equipment.

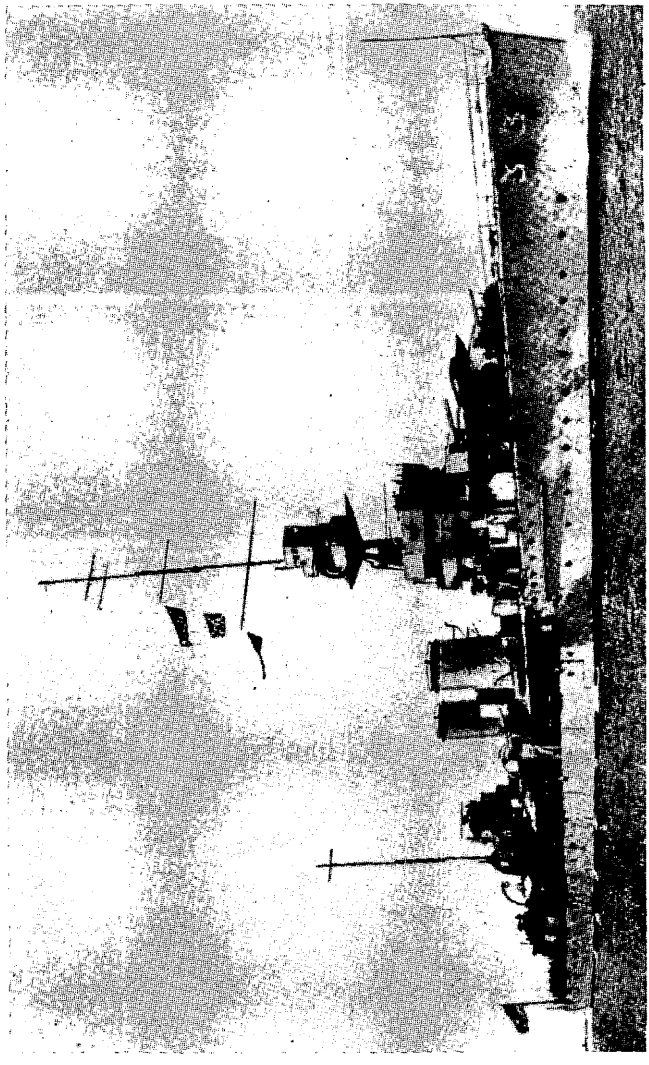
BRITISH NAVY



Cruisers, Hawkins Class.

Cruisers
Hawkins Class

BRITISH NAVY



Cruiser DAUNTLESS.

Cruisers
"D" Class
(8 ships)

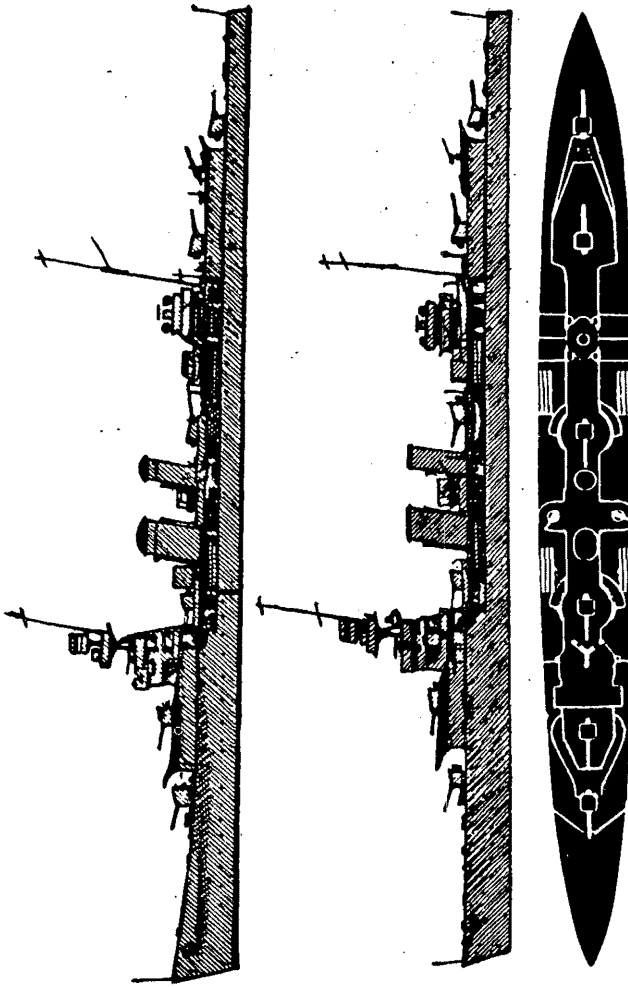
DESPATCH
DIOMEDE
DELHI
DUNEDIN
DURBAN
DANAE
DAUNTLESS
DRAGON

Description: Displacement: 4,850 tons.
Length: 472½ feet (over-all).
Beam: 46½ feet.
Draft: 16½ feet (maximum).
Speed: 29 knots.

Guns: 6—6-inch.
3—4-inch AA.
4—3-pounder.
11 to 13 smaller.

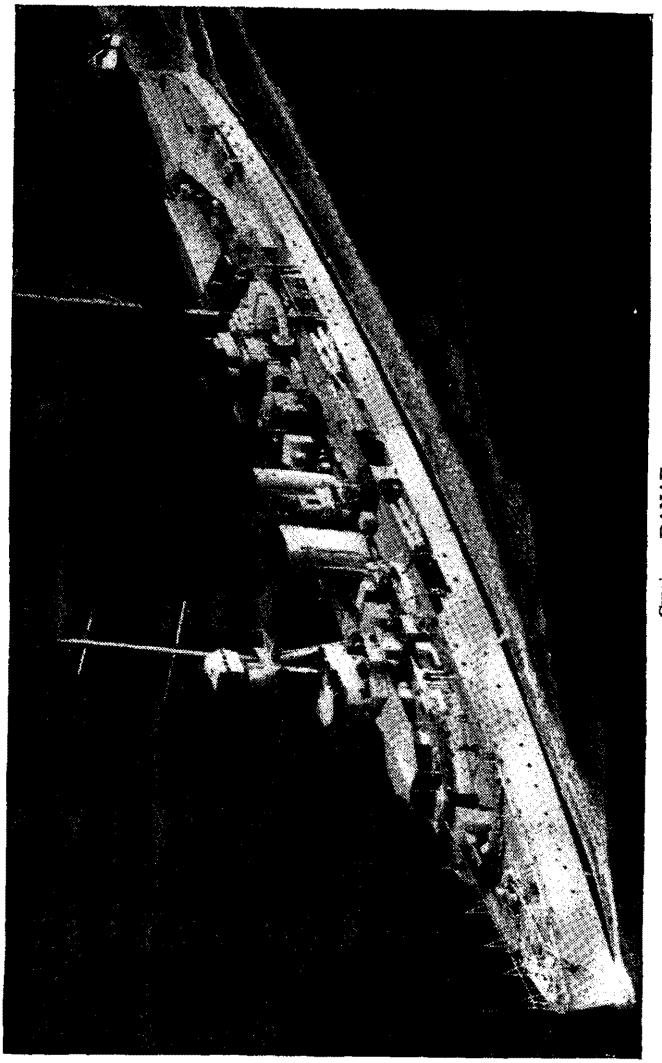
Torpedo tubes: 12—21-inch (tripled).

BRITISH NAVY



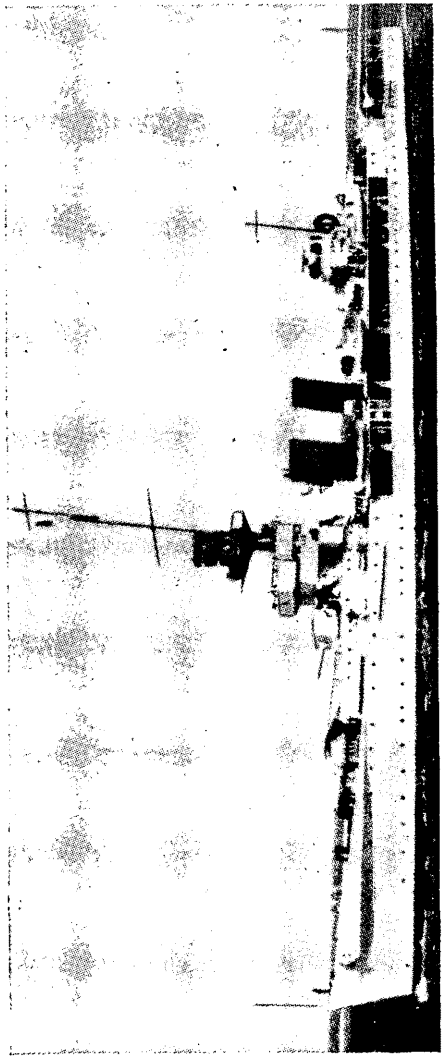
DELHI, DANAE, DAUNTLESS, DRAGON.
Cruisers of the "D" Class.

Cruisers
"D" Class
(8 ships)



Cruiser DANAE.

BRITISH NAVY





Cruiser COLOMBO.

Cruisers
CAPETOWN, COLOMBO,
CARDIFF, CERES

CAPETOWN
COLOMBO
CARDIFF
CERES

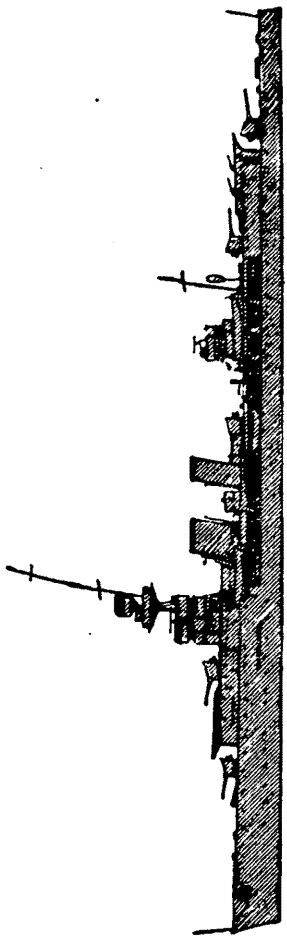
Description: Displacement: 4,290 tons.
Length: 450 feet (over-all).
Beam: 43½ feet.
Draft: 16¼ feet (maximum).
Speed: 29 knots.

Guns: 5—6-inch.
2—3-inch AA.
2 to 4—3-pounder.
9 to 11 smaller.

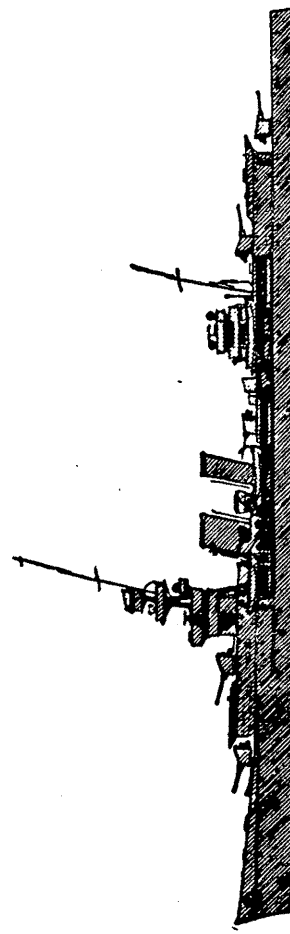
Torpedo tubes: 8—21-inch (double mountings above water).

Special note: CAPETOWN and COLOMBO were to have been rearmed as antiaircraft ships, but whether this has been done has not been announced.

BRITISH NAVY

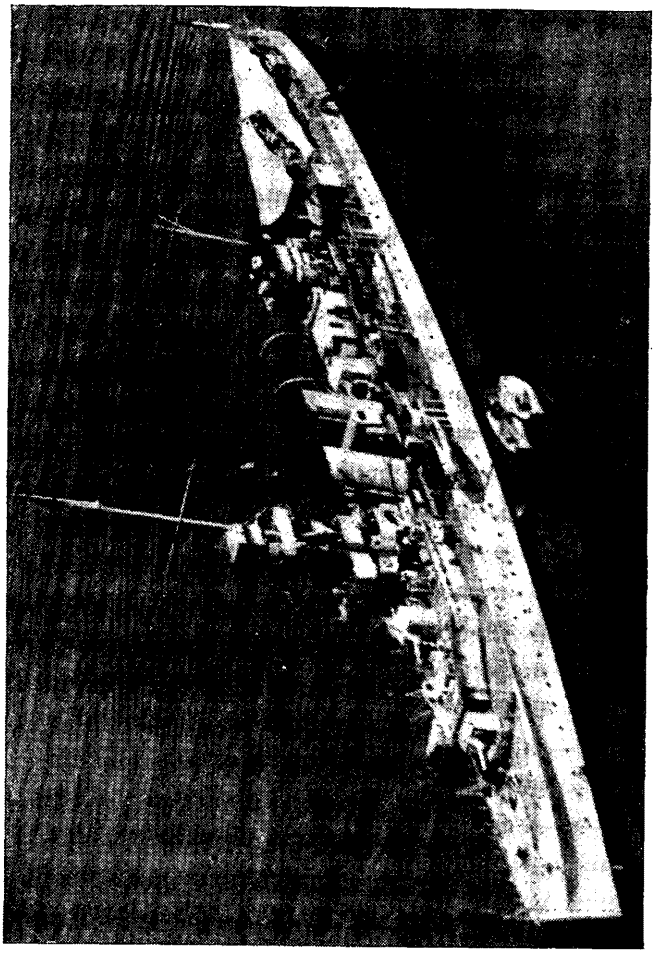


Cruiser CERES.



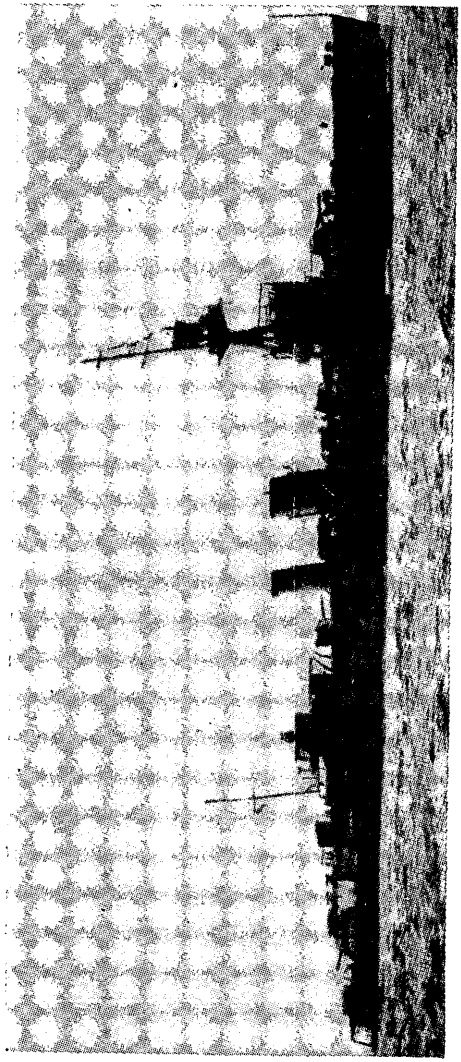
Cruisers COLOMBO, CAPETOWN.

Cruisers
CAPETOWN, COLOMBO,
CARDIFF, CERES



Cruiser CAPETOWN.

BRITISH NAVY



Cruiser CALEDON.

Cruisers
Caledon Class

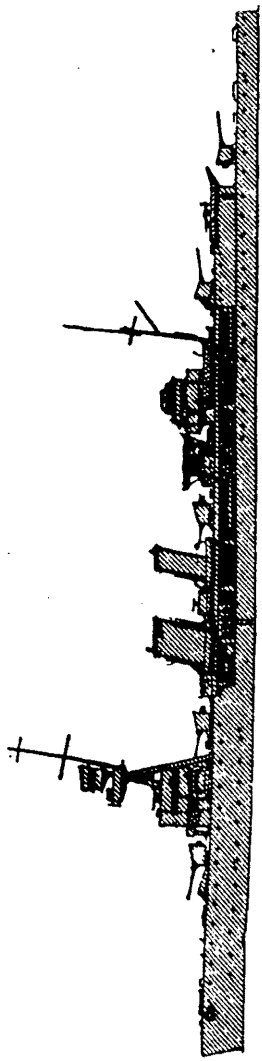
CALEDON
CARADOC

Description: Displacement: 4,180 tons.
Length: 450 feet (over-all).
Beam: 42¾ feet.
Draft: 16¼ feet (maximum).
Speed: 29 knots.

Guns: 5—6-in.
2—3-inch AA.
4—3-pounder.
11 smaller.

Torpedo tubes: 8—21-inch (in pairs, above water).

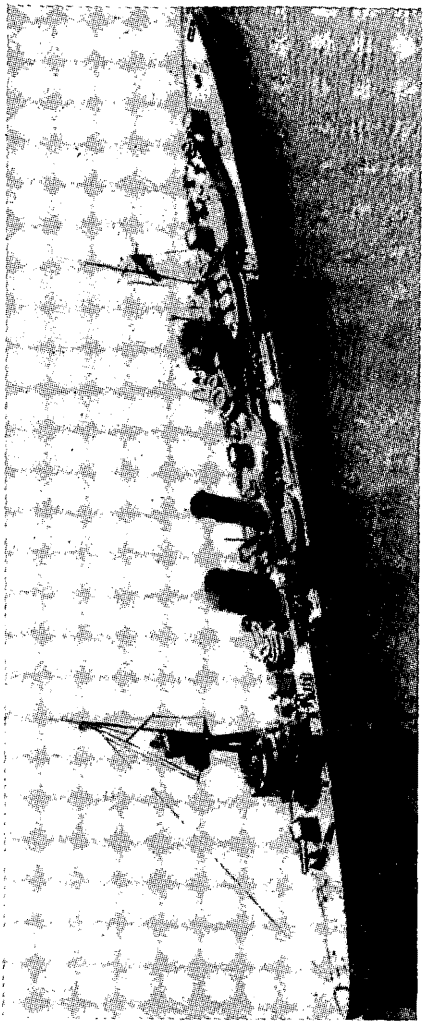
BRITISH NAVY





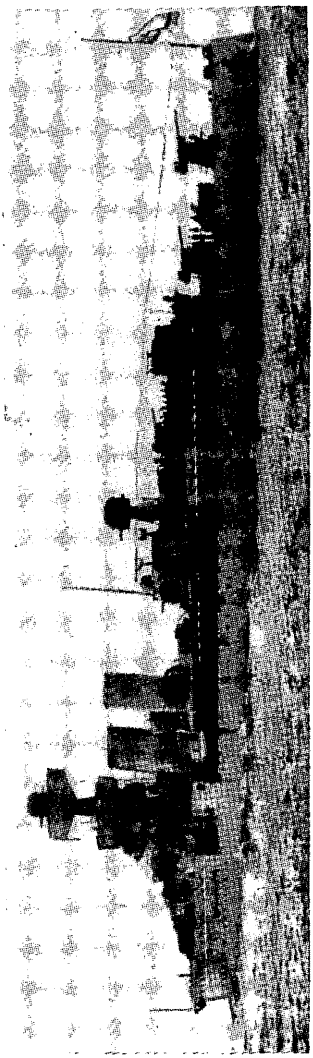
Cruisers, Caledon Class.

Cruisers
Caledon Class



Cruiser CARADOC.

BRITISH NAVY



Antiaircraft ship COVENTRY.

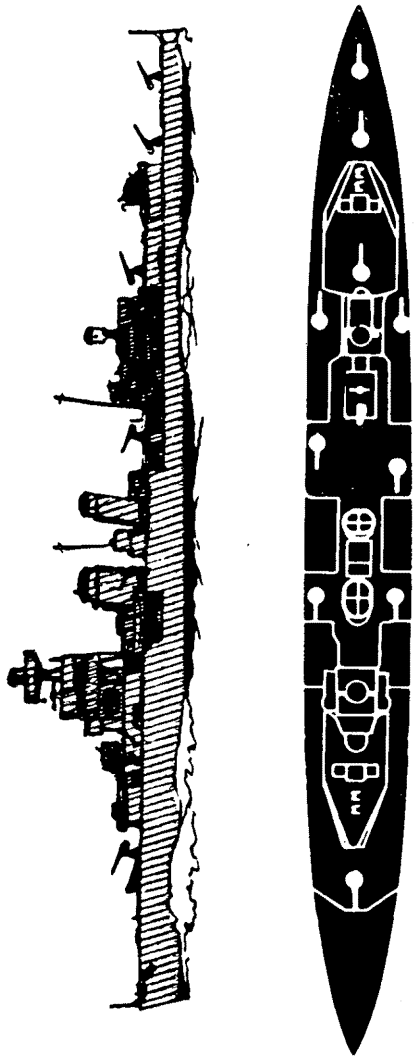
Antiaircraft Ship
COVENTRY

COVENTRY (ex-CORSAIR)

Description: Displacement: 4,290 tons.
Length: 450 feet (over-all).
Beam: 43½ feet.
Draft: 16¼ feet (maximum).
Speed: 29 knots.

Guns: 10—4-inch AA.
1 multiple pompom.
10 smaller.

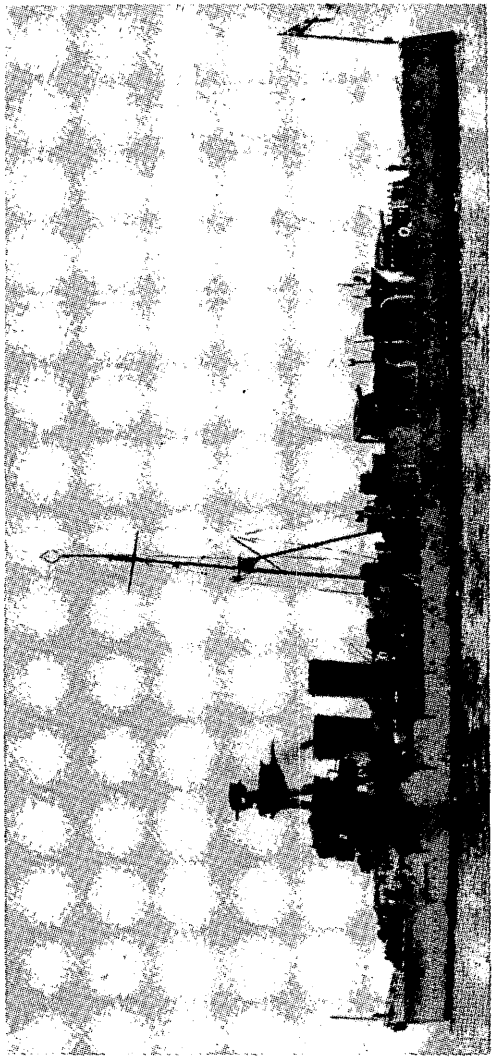
BRITISH NAVY



Antiaircraft ship COVENTRY.

Antiaircraft Ship
COVENTRY

BRITISH NAVY



Antiaircraft ship CAIRO.

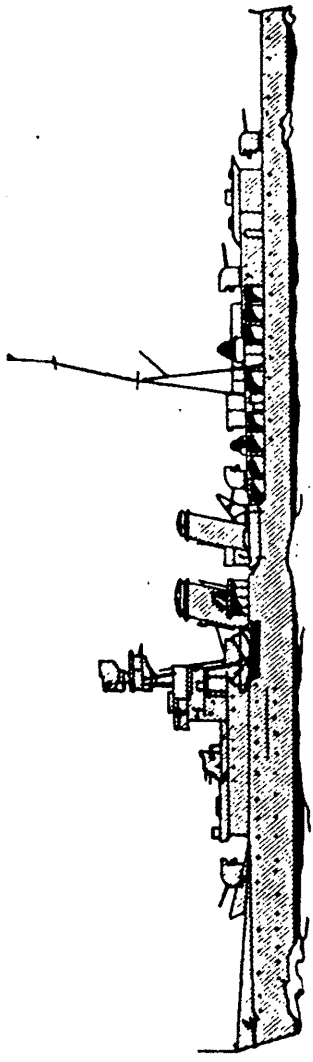
Antiaircraft Ships
Cairo Class

CAIRO
CALCUTTA
CARLISLE
CURACOA

Description: Displacement: 4,200 tons.
Length: 450 feet (over-all).
Beam: 43½ feet.
Draft: 16¼ feet (maximum).
Speed: 29 knots.

Guns: 8—4-inch AA.
1 multiple pompom.
Several smaller.

BRITISH NAVY

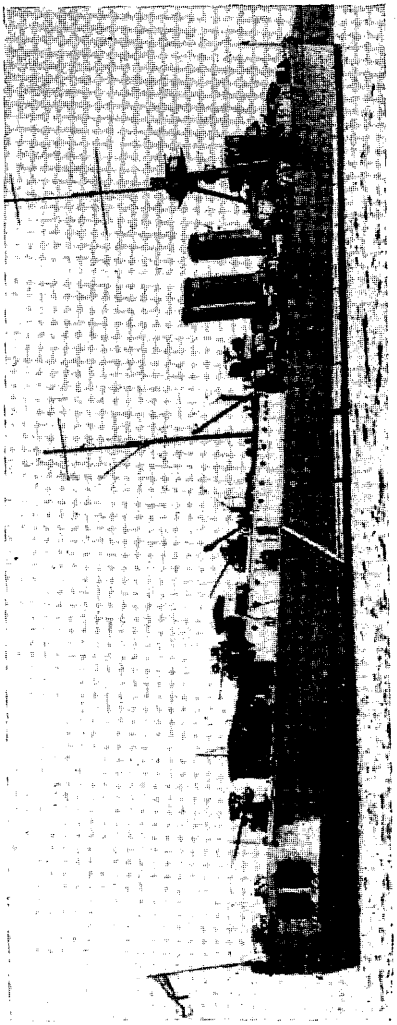


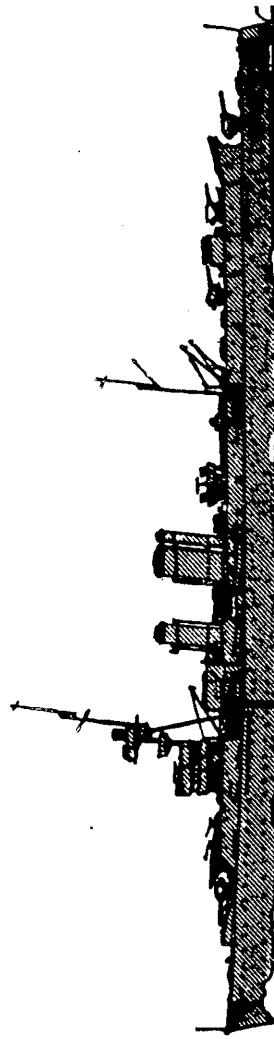


Antiaircraft ships, Cairo Class.
(CURAÇOA, without trawler bow.)

Antiaircraft Ships
Cairo Class

BRITISH NAVY





Cruiser-mine layer ADVENTURE.

Mine layers
"Cruiser-Mine layer" Type

ADVENTURE

Description: Displacement: 6,740 tons.
Length: 520 feet (over-all).
Beam 59 feet (over bulges).
Draft: 19¼ feet (mean).
Speed: 28 knots.
Guns: 4—4.7-inch AA.
4—3-pounder.
18 smaller.
Number of mines carried: 340.



Note: Stern is now rounded as shown in illustration on page 126.

BRITISH NAVY

Mine layers
Latonia Class
(4 ships)

ABDIEL
LATONIA
MANXMAN
WELSHMAN

Description: Displacement: 2,650 tons.
Length: 410 feet.
Beam:
Draft:
Speed: 40 knots.

Guns: 6—4.7-inch.
Several smaller.

Note: Completed 1940–41; no photographs available.

BRITISH NAVY

Destroyers
Lightning Class

LAFOREY (1,935 tons)	MILNE (1,935 tons)
LANCE	MARKSMAN
LARNE	MUSKETEER
LIVELY	MYRMIDON
LEGION	MATCHLESS
LIGHTNING	METEOR
LOOKOUT	MARNE
LOYAL	MARTIN

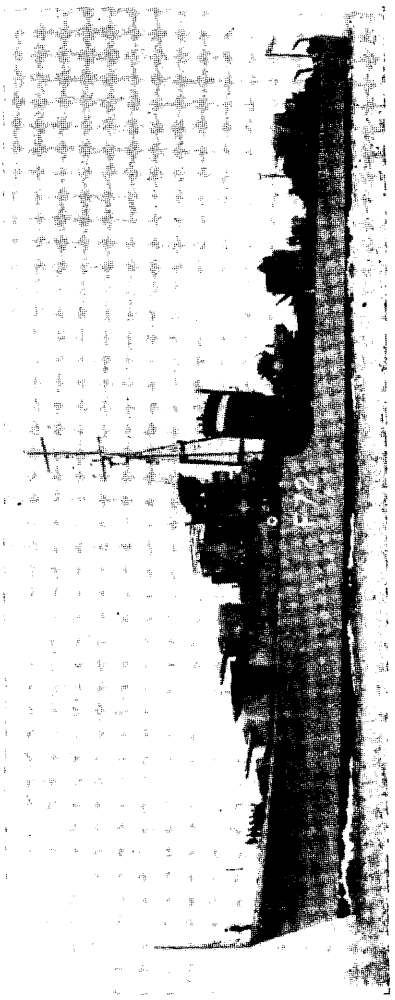
Description: Displacement: 1,920 tons, except as noted above.
Length: 354 feet.
Beam: 37 feet.
Draft: 10 feet.
Speed: 36.5 knots.

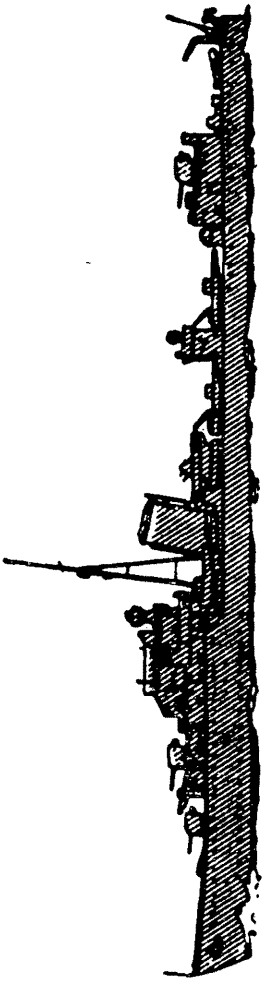
Guns: 6—4.7-inch AA.
Several smaller.

Torpedo tubes: 8—21-inch.

Note: Destroyers, Lightning Class said to be of modified Javelin Class design. Recent construction; no photographs available.

BRITISH NAVY





Destroyer JERSEY. Javelin Class.

Destroyers
Javelin Class
(24 ships)

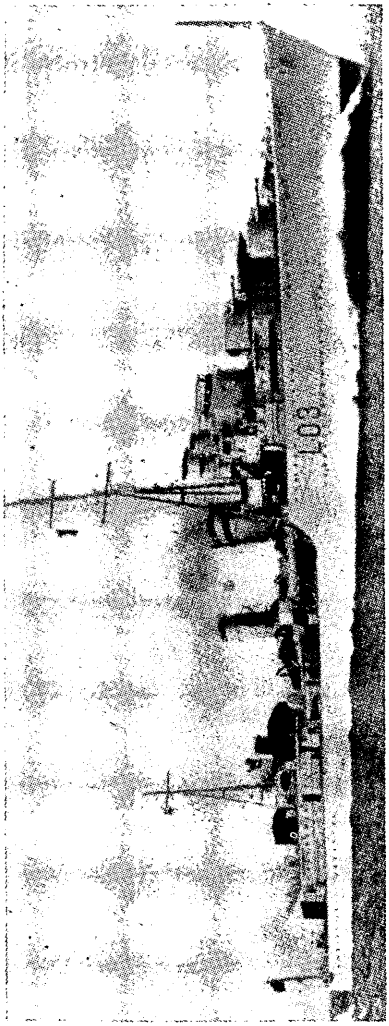
JERVIS	NOBLE	KASHMIR
KELLY	NONPAREIL	KIMBERLEY
JACKAL	NAPIER	NORMAN
JAVELIN	JUNO	NORSEMAN
NERISSA	KELVIN	JUPITER
NIZAM	NESTOR	KIPLING
JAGUAR	JANUS	JERSEY
KANDAHAR	KHARTOUM	KINGSTON

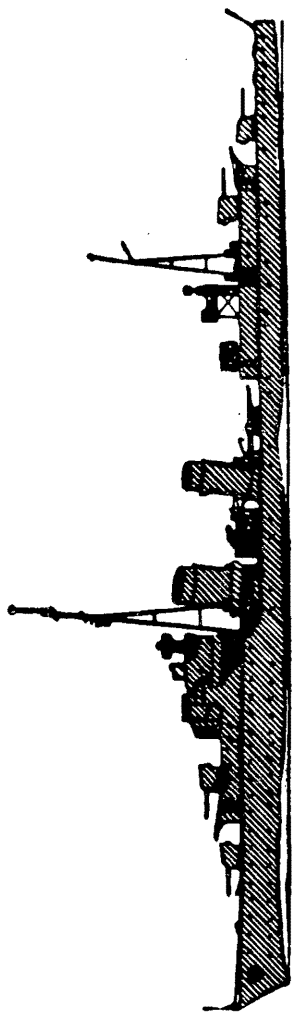
Description: Displacement: 1,690 tons.
Length: 348 feet.
Beam: 35 feet.
Draft: 9 feet.
Speed: 36 knots.
Guns: 6—4.7-inch.
6 smaller.
Torpedo tubes: 10—21-inch.



Destroyer, Javelin Class.

BRITISH NAVY





Destroyer COSSACK. Tribal Class.

Destroyers
Tribal Class
(14 ships)

COSSACK	NUBIAN	ASHANTI
ESKIMO	SIKH	BEDOUIN
MASHONA	ZULU	SOMALI
MAORI	MATABELE	TARTAR
MOHAWK	PUNJABI	

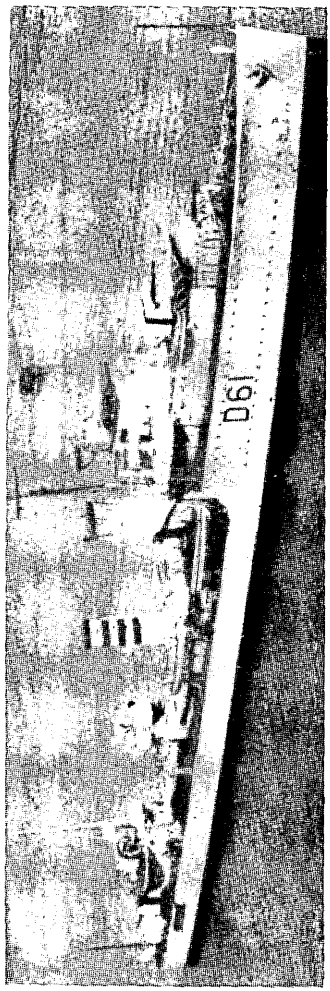
Description: Displacement: 1,870 tons.
Length: 355½ feet.
Beam: 36½ feet.
Draft: 9 feet.
Speed: 36.5 knots.

Guns: 8—4.7-inch.
7 smaller.

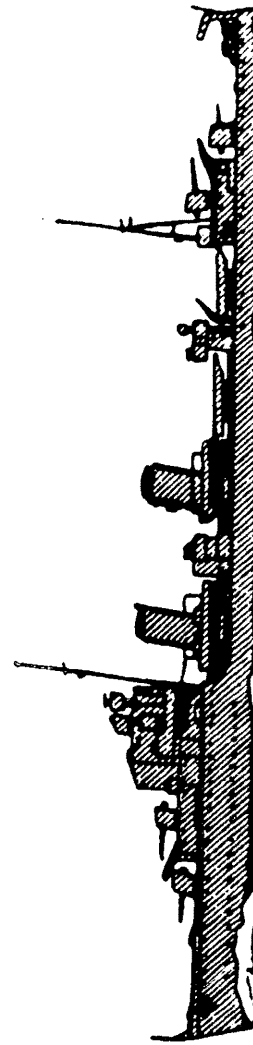
Torpedo tubes: 4—21-inch.



BRITISH NAVY



Destroyer ILEX.



Intrepid Class.

Destroyers
Intrepid Class

ICARUS	IMPERIAL	INTREPID
ILEX	IMPULSIVE	ISIS

Description: Displacement: 1,370 tons.
Length: 320 feet (waterline).
Beam: 33 feet.
Draft: 8½ feet.
Speed: 36 knots.
Guns: 4—4.7-inch.
6 smaller.
Torpedo tubes: 10—21-inch.

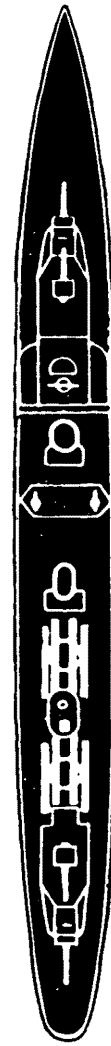


Destroyer, Intrepid Class.

BRITISH NAVY



Destroyer HERO.



Hero and Greyhound Classes.

Destroyers
Hero and Greyhound Classes
(14 ships)

GALLANT	GRIFFIN	HEREWARD
GARLAND	HASTY	HERO
GREYHOUND	HAVOCK	HOTSPUR

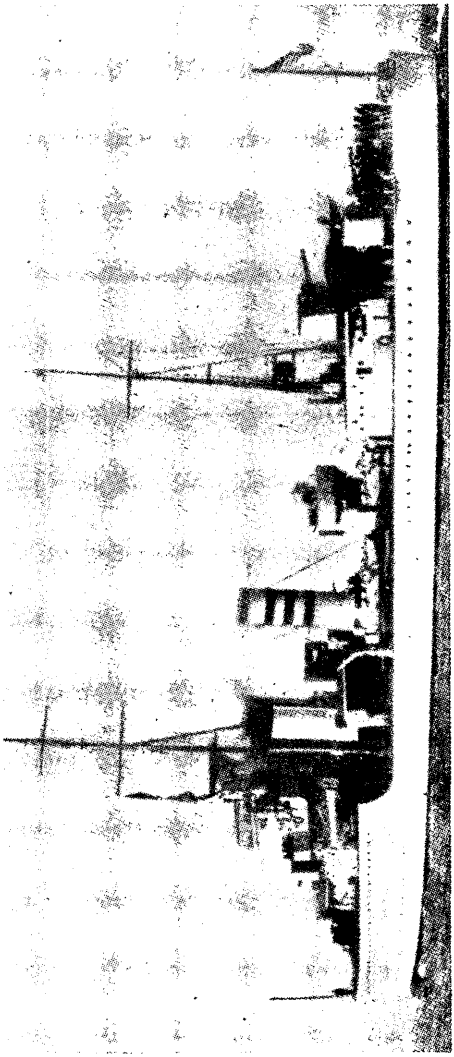
(Five others acquired from Brazil; names not advised.)

Description: Displacement: 1,340 tons.
Length: 323 feet (over-all).
Beam: 33 feet.
Draft: 8½ feet (mean).
Speed: 36 knots.

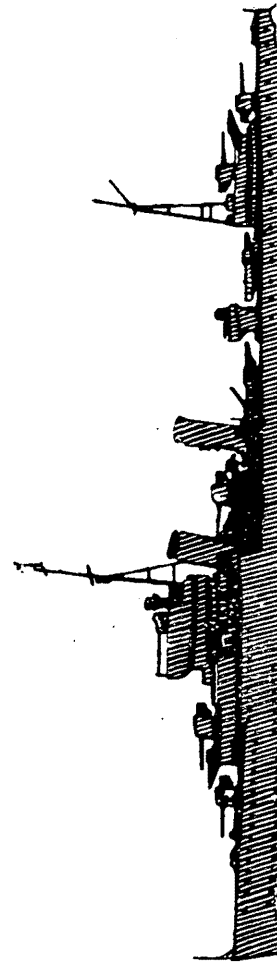
Guns: 4—4.7-inch.
6 smaller.

Torpedo tubes: 8—21-inch.

BRITISH NAVY



Destroyer INGLEFIELD.



Admiralty Type Leader.

Destroyers
Admiralty Type Leader
INGLEFIELD

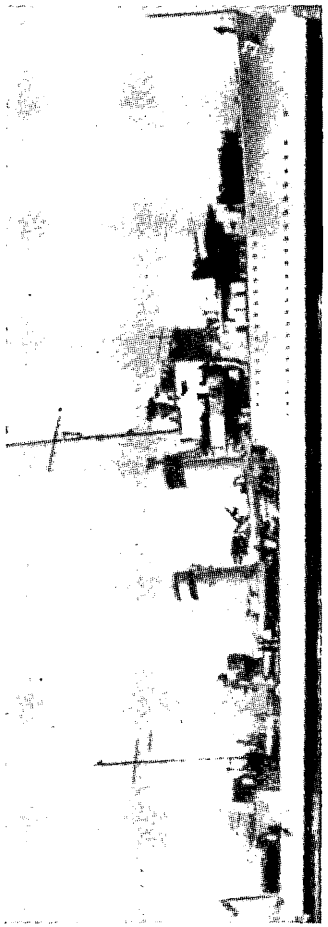
INGLEFIELD

Description: Displacement: 1,530 tons.
Length: 334 feet (waterline).
Beam: 34 feet.
Draft: 9 feet (mean).
Speed: 36.5 knots.
Guns: 5—4.7-inch.
6 smaller.
Torpedo tubes: 10—21-inch (quintupled).

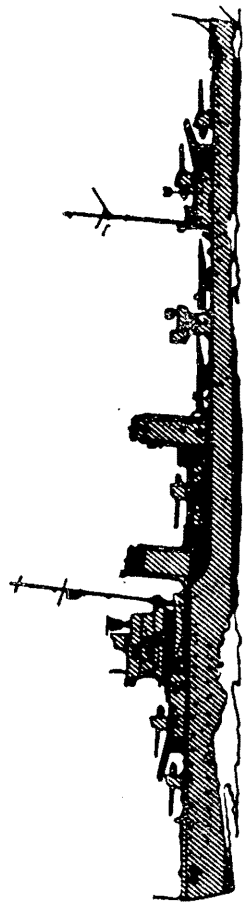


Destroyer, Admiralty Type Leader, INGLEFIELD.

BRITISH NAVY



Destroyer DUNCAN.



Destroyer FAULKNOR.

Destroyers
Admiralty Type Leaders
DUNCAN, FAULKNOR

DUNCAN

Description: Displacement: 1,400 tons.
Length: 326 feet (waterline).
Beam: 33 feet.
Draft: 8⅔ feet (mean).
Speed: 35.75 knots.

FAULKNOR

Description: Displacement: 1,460 tons.
Length: 340 feet (waterline).
Beam: 33¾ feet.
Draft: 8½ feet (mean).
Speed: 36.75 knots.

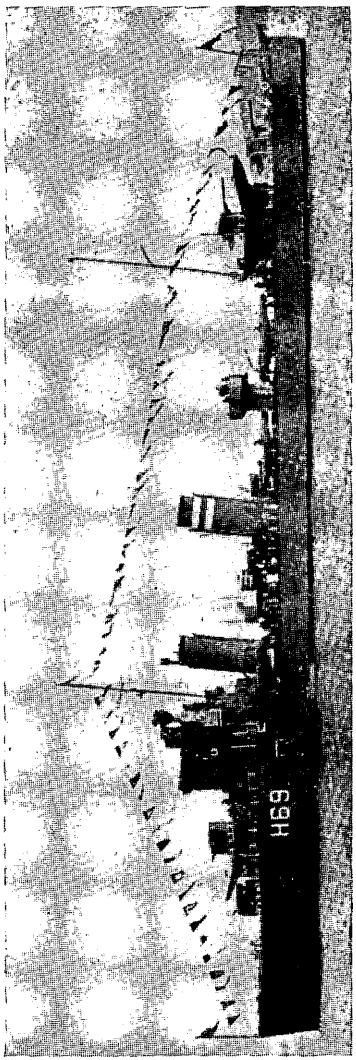
DUNCAN AND FAULKNOR

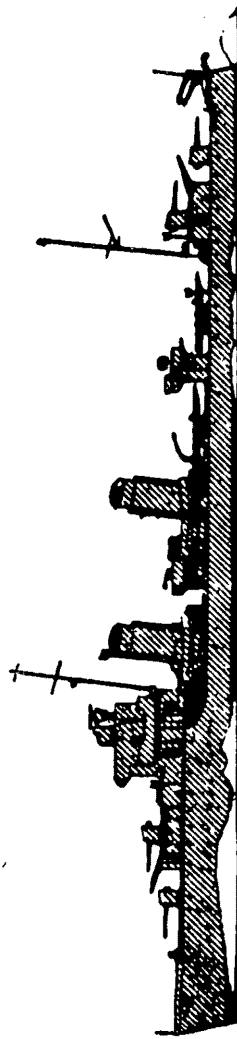
Guns: 5—4.7-inch (DUNCAN, 4—4.7-inch).
6 smaller.
Torpedo tubes: 8—21-inch (quadrupled).



Destroyer, Admiralty Type Leaders, DUNCAN, FAULKNOR.

BRITISH NAVY



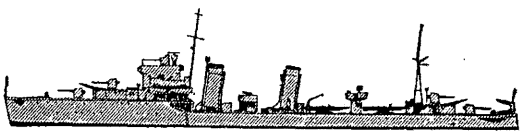


Destroyer FOXHOUND and silhouette, Eclipse and Fearless Classes (except EXPRESS).

Destroyers
Eclipse and Fearless Classes
(14 ships)

ECHO	ENCOUNTER	FORESTER
ECLIPSE	FEARLESS	FURY
ESCAPADE	FORESIGHT	FAME
EXPRESS	FOXHOUND	FIREDRAKE
ELECTRA	FORTUNE	

Description: Displacement: Eclipse Class 1,375 tons.
Fearless class 1,350 tons (FEARLESS 1,375).
Length: 329 feet (over-all).
Beam: 33¼ feet.
Draft: 8½ feet (mean).
Speed 36 knots.
Guns: 4—4.7-inch.
6 smaller.
Torpedo tubes: 8—21-inch.



EXPRESS (Note mainmast and whaler on fo'c'sle.)



Destroyer, Eclipse and Fearless Classes.

BRITISH NAVY

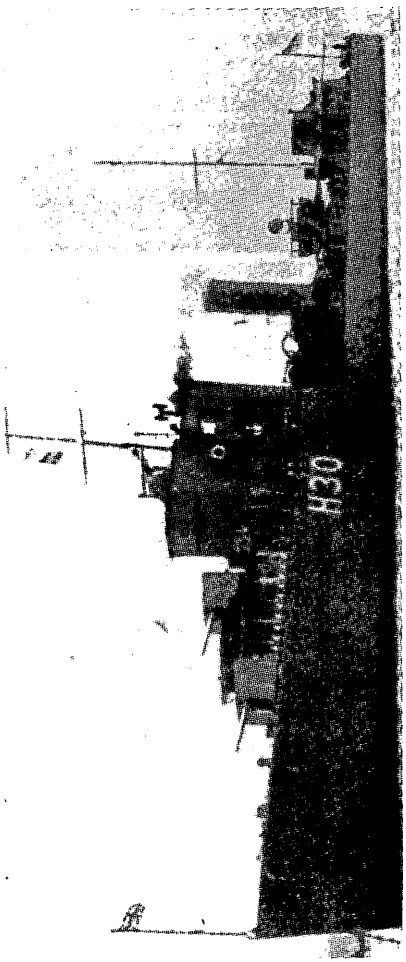
Destroyer FRASER, of Canadian Navy, sunk by collision, 1940. (Appearance of Defender Class like FRASER.)

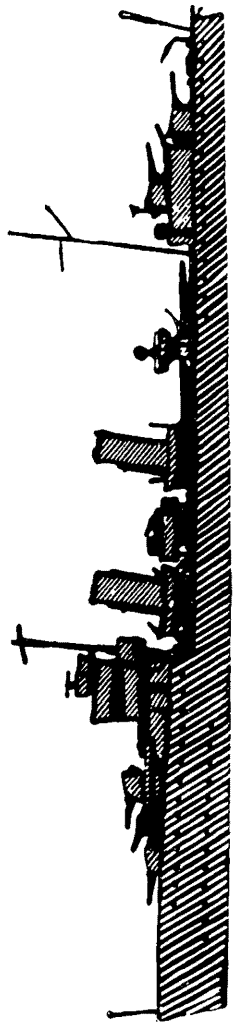
Destroyers
Defender Class
(4 ships)

DEFENDER
DIAMOND
DECOY
DAINTY

Description: Displacement: 1,375 tons.
Length: 326 feet (waterline).
Beam: 33 feet.
Draft: 8½ feet (mean).
Speed: 36 knots.
Guns: 4—4.7-inch.
6 smaller.
Torpedo tubes: 8—21-inch.

BRITISH NAVY





Destroyer BEAGLE and silhouette Achates and Beagle Classes.

Destroyers
Beagle and
Achates classes
(10 ships)

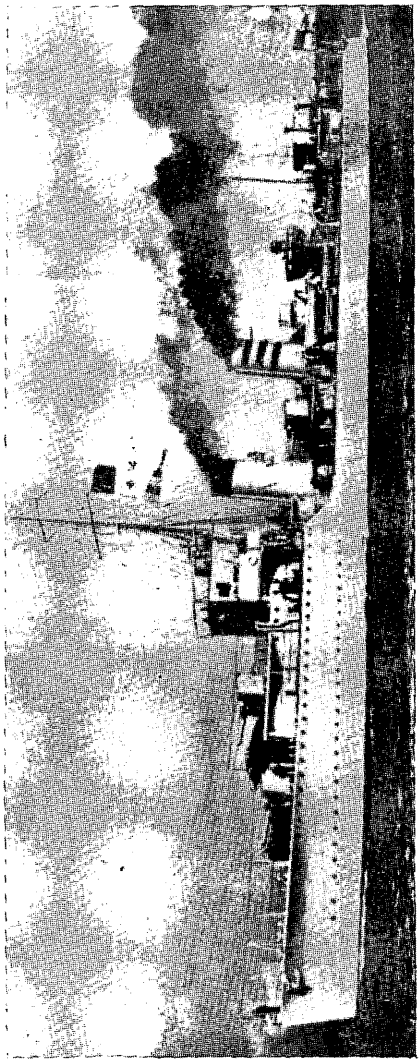
BEAGLE	BULLDOG	ANTHONY
BOADICEA	ACHATES	ARROW
BOREAS	ACTIVE	
BRILLIANT	ANTELOPE	

Description: Displacement: 1,360 tons (Beagle Class).
1,350 tons (Achates Class).
Length: 323 feet (over-all).
Beam: 32¼ feet.
Draft: 8½ feet (mean).
Speed: 35 knots.
Guns: 4—4.7-inch.
6 smaller.
Torpedo tubes: 8—21-inch (quadrupled).



Destroyer, Beagle and Achates Classes.

BRITISH NAVY





Destroyer CODRINGTON.

Destroyer
"A" Type Leader
CODRINGTON

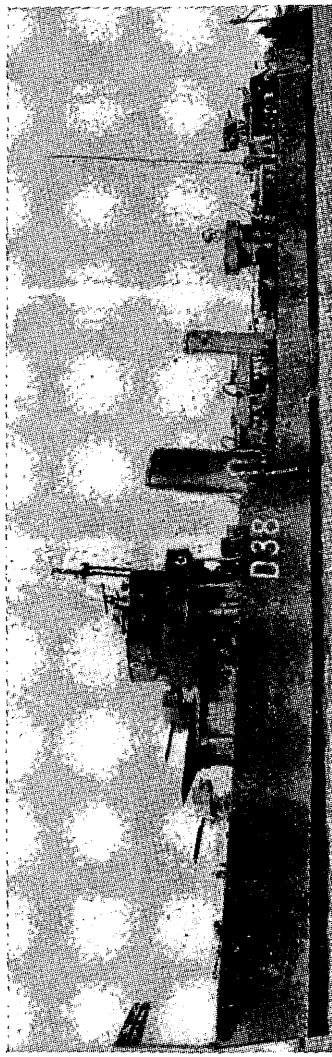
CODRINGTON

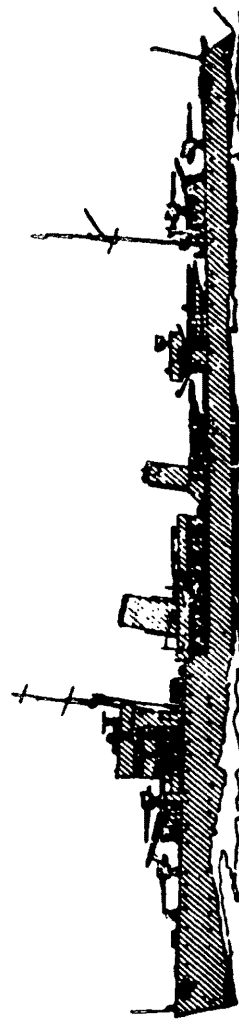
Description: Displacement: 1,540 tons.
Length: 332 feet.
Beam: 33¾ feet.
Draft: 9 feet (mean).
Speed: 35 knots.
Guns: 5—4.7-inch.
6 smaller.
Torpedo tubes: 8—21-inch (quadrupled).



Destroyer, "A" Type Leader, CODRINGTON.

BRITISH NAVY





Destroyer AMBUSCADE.

Destroyers
"A" Type

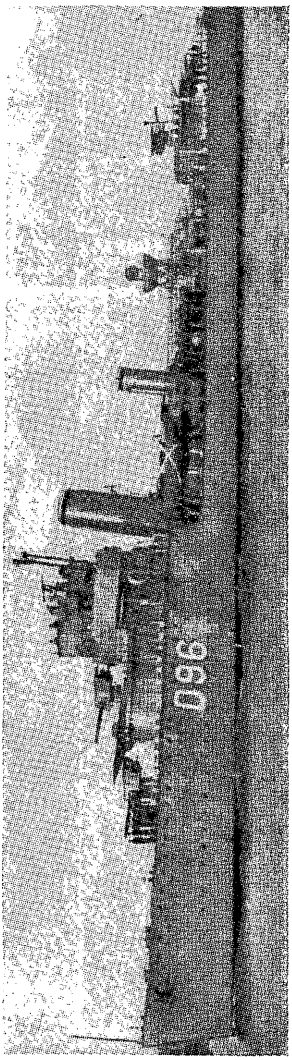
AMAZON
AMBUSCADE

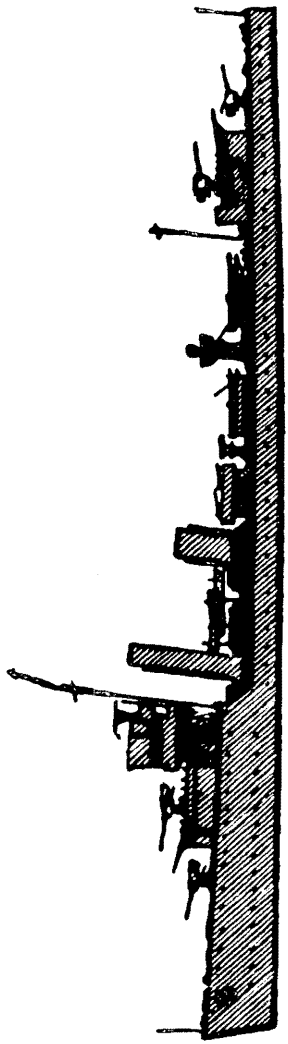
Description: Displacement: 1,350 tons AMAZON.
1,170 tons AMBUSCADE.
Length: 311¾ feet (between perpendiculars) AMAZON.
307 feet (between perpendiculars) AMBUSCADE.
Beam: 31½ feet AMAZON.
31 feet AMBUSCADE.
Draft: 9⅛ feet (mean) AMAZON.
8¼ feet (mean) AMBUSCADE.
Speed: 37 knots (made on trial).
Guns: 4—4.7-inch.
6 smaller.
Torpedo tubes: 6—21-inch (tripled).



Destroyer, "A" Type.

BRITISH NAVY





Destroyer WORCESTER and silhouette of Vansittart Group.

Destroyers
Admiralty "Modified W" Class
(13 ships)

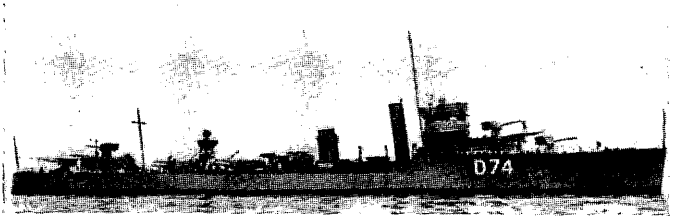
Veteran Group:
- VETERAN
- WHITSHED
- WILD SWAN
- WITHERINGTON
- WIVERN
- WOLVERINE
- WORCESTER

Vansittart Group:
- VANSITTART
- VENOMOUS
- VERITY
- VOLUNTEER
- WANDERER
- WHITEHALL

Description: Displacement: 1,500 tons (full load).
Length: 312 feet (over-all).
Beam: 29½ feet.
Draft: 10⅝ feet (mean).
Speed: 34 knots.

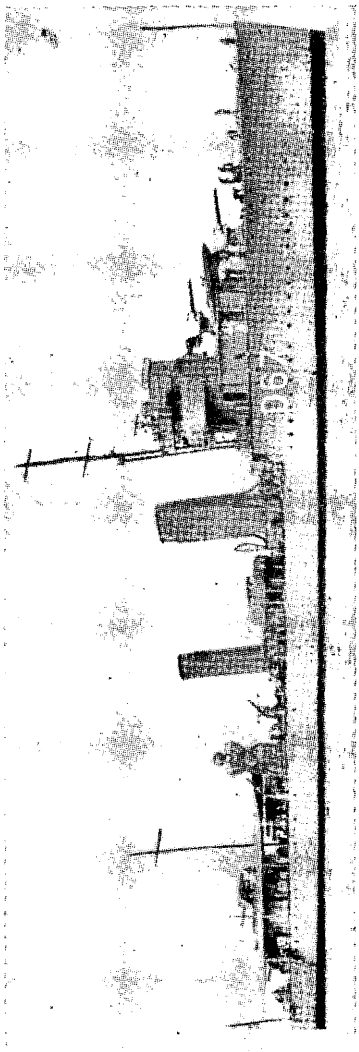
Guns: 4—4.7-inch.
2—2-pounder.
1 machine gun.
4 Lewis.

Torpedo tubes: 6—21-inch (tripled).



Destroyer WANDERER. (Has the same appearance as the last six of the Admiralty "Modified W" Class.)

BRITISH NAVY





Destroyer WISHART.

Destroyers
Thornycroft "Modified W" Class
(2 ships)

WISHART
WITCH

Description: Displacement: 1,550 tons (full load).
Length: 312 feet (over-all).
Beam: 30 feet.
Draft: 10 feet 11 inches (mean).
Speed: 35 knots.

Guns: 4—4.7-inch.
2—2-pounder pompoms.
1 machine gun.
4 Lewis.

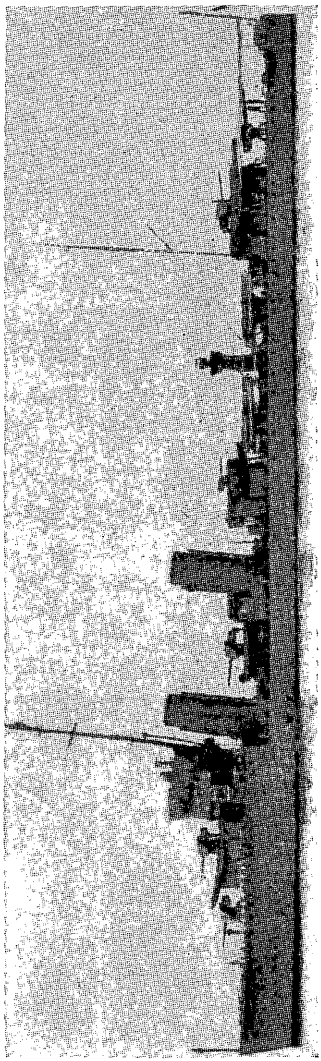
Torpedo tubes: 6—21-inch (3 in WISHART).

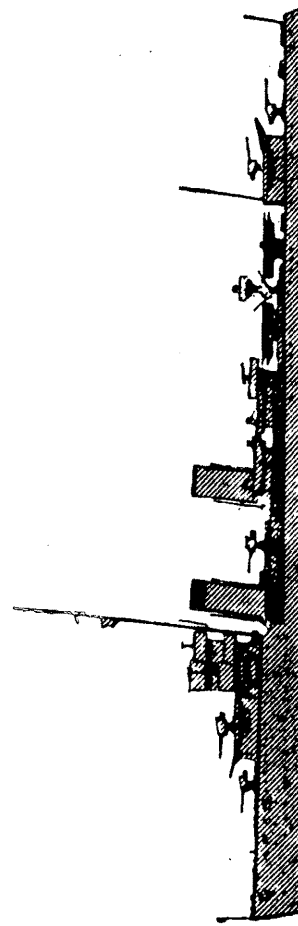
Appearance note: Very close resemblance to ships of Admiralty "Modified W" Class.



Destroyer, Thornycroft "Modified W" Class.

BRITISH NAVY





Destroyer BROKE. (Note similarity to ships of Campbell Class.)

Destroyers
Thornycroft Leaders

BROKE
KEPPEL

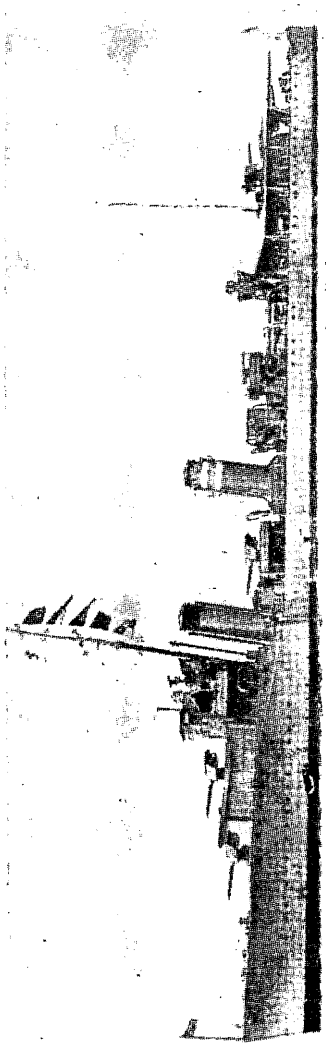
Description: Displacement: 1,480 tons.
Length, 329 feet (over-all).
Beam: 31 feet 9 inches.
Draft: 12⅓ feet.
Speed: 36 knots.

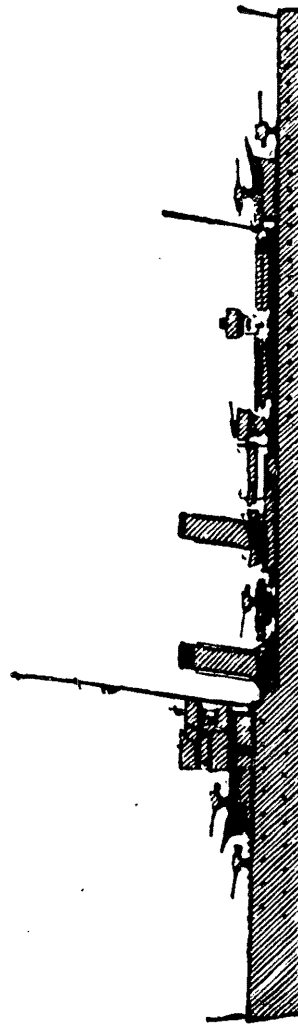
Guns: 5—4.7-inch.
2—2-pounder.
1 machine gun.
4 Lewis.

Torpedo tubes: 6—21-inch (tripled).

Appearance note: Almost exactly same as Campbell Class.

BRITISH NAVY





Destroyer CAMPBELL.

Destroyers
Campbell Class
(5 ships)

CAMPBELL
DOUGLAS
MACKAY
MALCOLM
MONTROSE

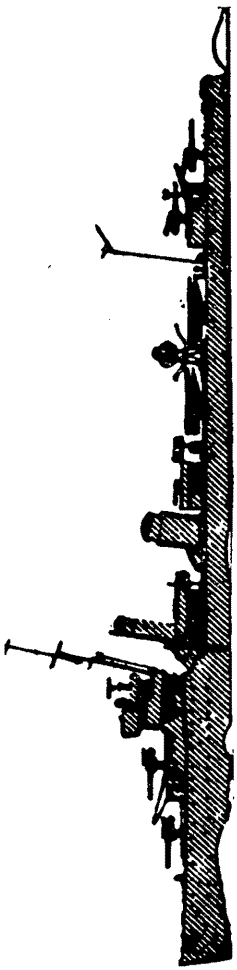
Description: Displacement: 1,530 tons.
Length: 332½ feet (over-all).
Beam: 31¾ feet.
Draft: 9¼ feet (mean).
Speed: 36.5 knots.

Guns: 5—4.7-inch.
1—3-inch AA.
2—2-pounder AA.
1 machine gun.
4 Lewis.

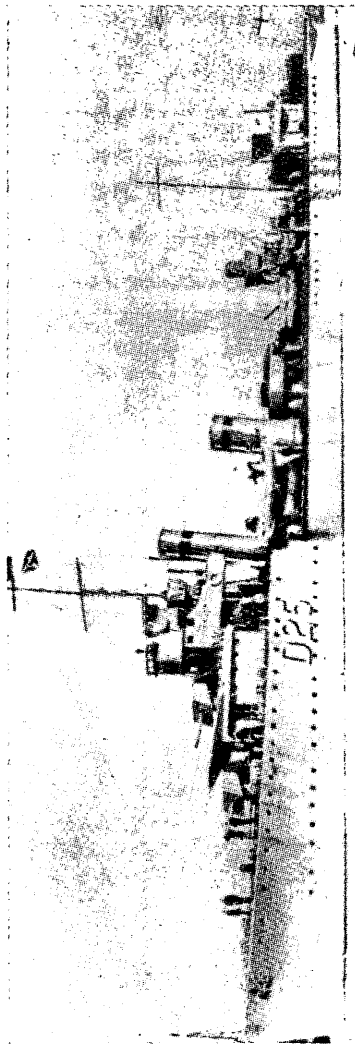
Torpedo tubes: 6—21-inch (tripled).

Note: Similar to BROKE (p. 158) and to STUART of this class transferred to Royal Australian Navy.

BRITISH NAVY



Admiralty "W" Class.



Destroyer WARWICK.

Destroyers
Admiralty "W" Class
(7 ships)

WATCHMAN[1]
WALKER[1]
WESTCOTT
WALPOLE
WOLFHOUND
WARWICK[1]
WINCHELSEA

Description: Displacement: 1,100 tons.
Length: 312 feet (over-all).
Beam: 29½ feet.
Draft: 10 feet 10 inches (mean).
Speed: 34 knots.

Guns: 4—4-inch.
2—2-pounder pompoms.
1 machine gun.
4 Lewis.

Torpedo tubes: 6—21-inch (tripled).

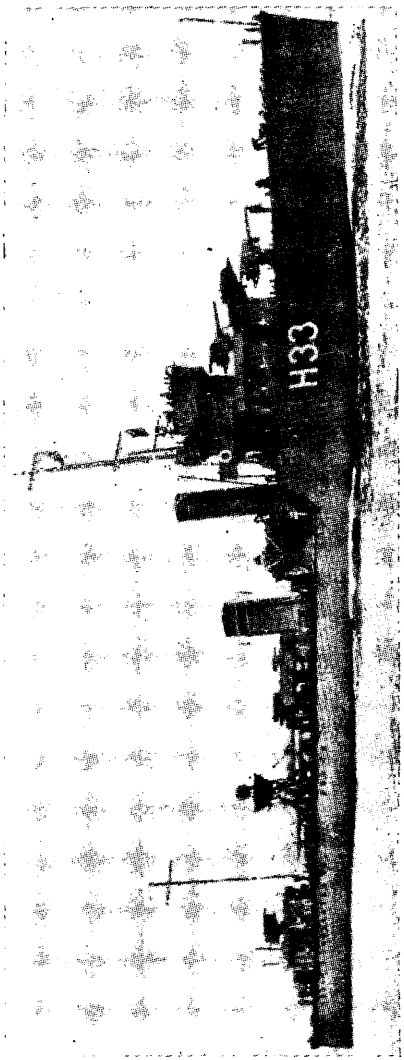
Appearance note: Identical with Admiralty "V" Class which follows, except for higher mainmasts.

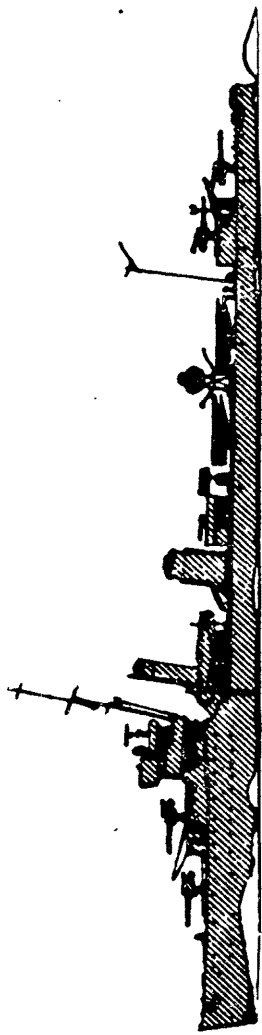


Destroyer, Admiralty "W" Class.

[1] Fitted as minelayers during war. Still have chutes at stern.

BRITISH NAVY





Destroyer VANOC.

Destroyers
Admiralty "V" Class
(12 ships)

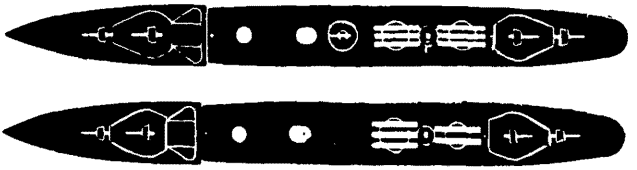
VANESSA	VESPER	VIMY
VANITY	VIVACIOUS	VELOX
VERDUN	VANQUISHER	VERSATILE
VIDETTE	VANOC	VORTIGERN

Description: Displacement: 1,480 tons (deep load).
Length 312 feet (over-all).
Beam: 29½ feet.
Draft: 10 feet 10 inches (mean).
Speed: 34 knots.

Guns: 4—4-inch.
1—2-pounder pompom.
1 machine gun.
4 Lewis.

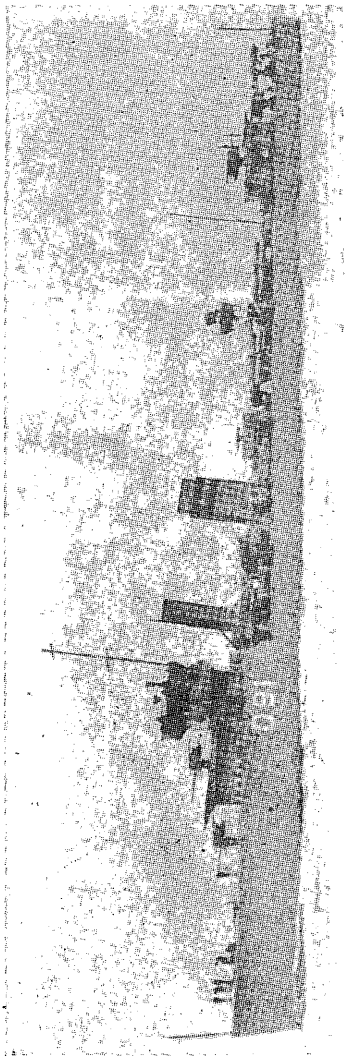
Torpedo tubes: 6—21-inch (first 7 ships).
5—21-inch (last 5 ships).

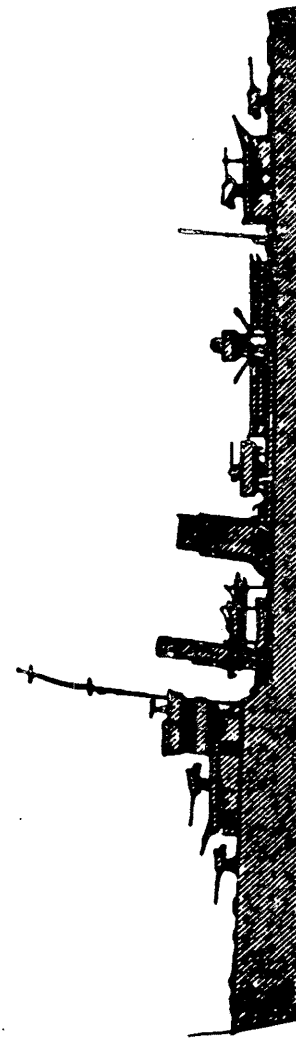
Appearance note: First 7 ships identical to those of Admiralty "W" Class except for shorter mainmast (VANQUISHER has high mainmast).



Destroyers, Admiralty "V" Class.

BRITISH NAVY





Destroyer VICEROY.

Destroyers
Thornycroft "V" Class

VICEROY
VISCOUNT

Description: Displacement: 1,120 tons.
Length: 312 feet (over-all).
Beam: 30 7/12 feet.
Draft: 10 3/4 feet (mean).
Speed: 35 knots.

Guns: 4—4-inch.
1—2-pounder pompom.
1 machine gun.
4 Lewis.

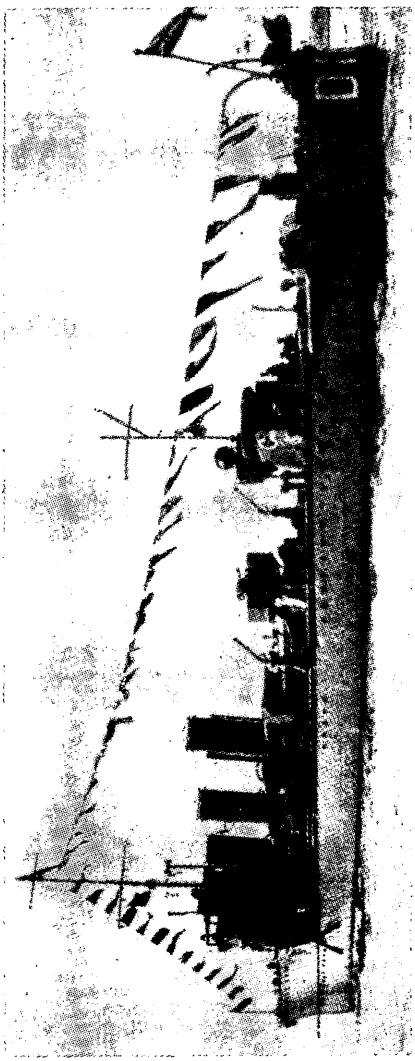
Torpedo tubes: 6—21-inch (tripled).

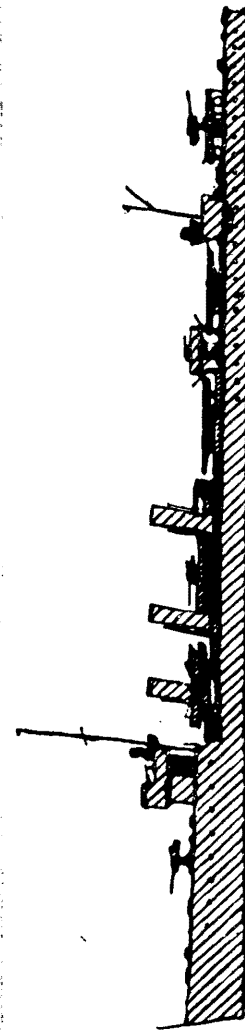
Note: Plan is the same as six-tube ship's of Admiralty "V" Class.



Destroyer, Thornycroft "V" Class.

BRITISH NAVY





Destroyer SKATE.

Destroyer
Admiralty "R" Class

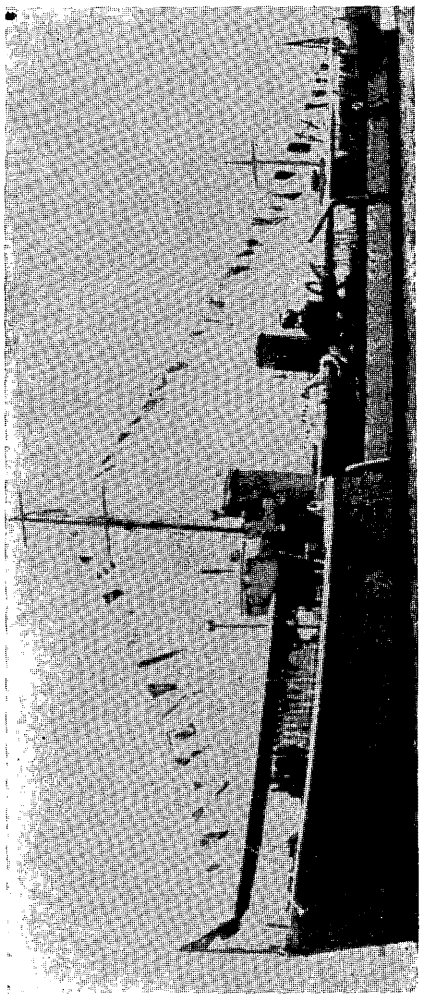
SKATE

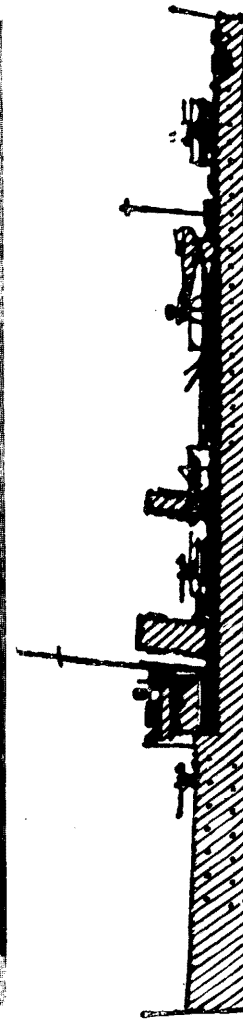
Description: Displacement: 900 tons.
Length 276 feet (over-all).
Beam: 26¾ feet.
Draft: 10⅔ feet (mean).
Speed: 31 knots.
Guns: 3—4-inch.
1—2-pounder pompom.
1 machine gun.
4 Lewis.
Torpedo tubes: 4—21-inch (paired).



Destroyer, Admiralty "R" Class.

BRITISH NAVY





Destroyer THRACIAN.

Destroyers
Admiralty "S" Class
(10 ships)

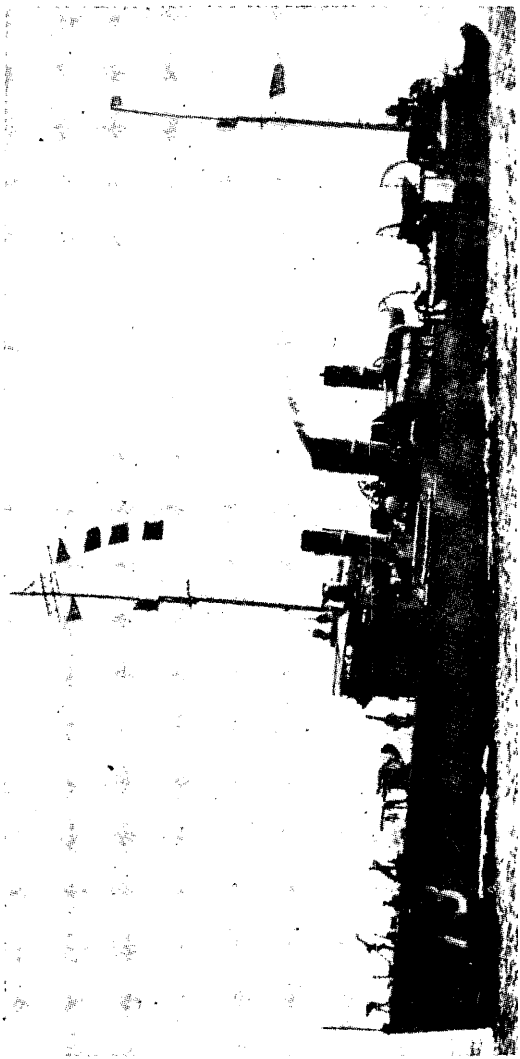
SCIMITAR	TENEDOS	SARDONYX
SCOUT	STRONGHOLD	SHIKARI
THANET	SABRE	
THRACIAN	SALADIN	

Description: Displacement: 905 tons.
Length: 276 feet (over-all).
Beam: 26¾ feet.
Draft: 10⅝ feet (mean).
Speed: 31 knots.
Guns: 3—4-inch.
5 smaller.
Torpedo tubes: 4—21-inch (paired).



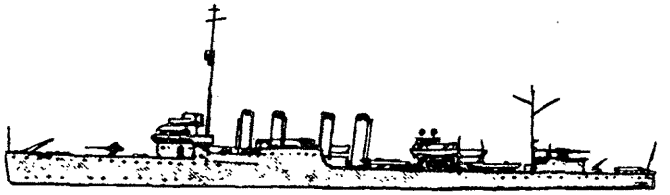
Destroyer, Admiralty "S" Class.

BRITISH NAVY



Destroyer MANSFIELD; ex-American "Flush Deck" type. With the exception of the above MANSFIELD and the LINCOLN, all ships in this category have four funnels.

Destroyers
Ex-American "Flush Deck" Type
(44 ships)

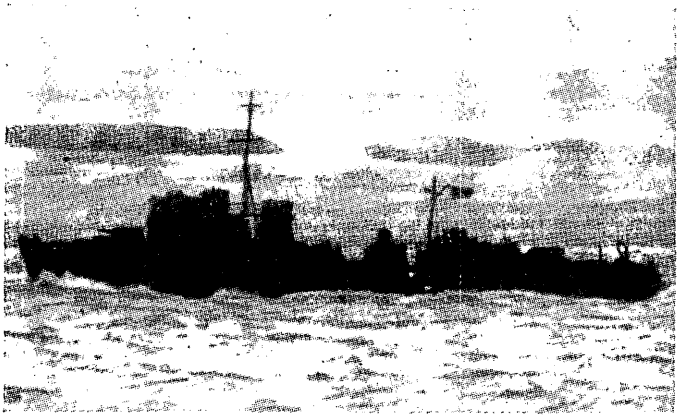


BURNHAM	SHERWOOD	BATH
BELMONT	STANLEY	BRIGHTON
BEVERLEY	WELLS	CHARLESTOWN
BRADFORD	CALDWELL	GEORGETOWN
BROADWATER	CAMPBELTOWN	HAMILTON
BROADWAY	CASTLETON	NEWPORT
BURWELL	CHELSEA	RAMSEY
BUXTON	LANCASTER	READING
CAMERON	LEAMINGTON	ROXBOROUGH
CHESTERFIELD	LEEDS	ST. ALBANS
CHURCHILL	LEWES	ST. MARY'S
CLARE	MONTGOMERY	LINCOLN
NEWARK	RICHMOND	LUDLOW
NEWMARKET	RIPLEY	MANSFIELD
SALISBURY	ROCKINGHAM	

Note: Fifty destroyers were sold by the United States in September 1940. The British Navy received 44 and 6 were acquired by the Canadian Navy (2 now the St. Croix Class and 4 the Annapolis Class).

BRITISH NAVY

Light Destroyers
Hunt Class

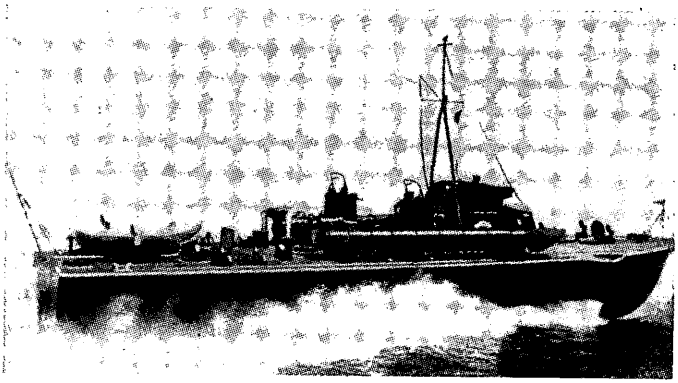


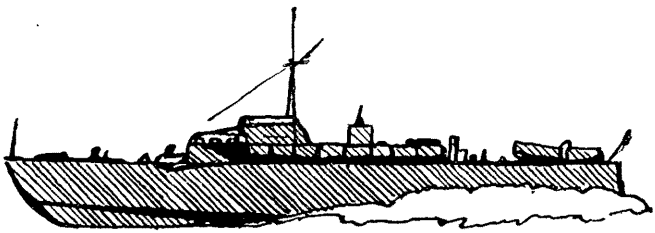
(All laid down in 1939 and completed in 1940)

ATHERSTONE	EXMOOR	PYTCHLEY
BERKELEY	FERNIE	QUANTOCK
CATTISTOCK	GARTH	QUORN
CLEVELAND	HAMBLEDON	SOUTHDOWN
COTSWOLD	HOLDERNESS	TYNEDALE
COTTESMORE	MENDIP	WHADDON
EGLINTON	MEYNELL	

Description: Displacement: 904 tons.
Length: 272⅓ feet.
Beam: 28¼ feet.
Draft: 7¾ feet.
Speed: 32.5 knots.

Guns: 4—4-inch AA.
8 smaller.





Torpedo Boat No. 22.

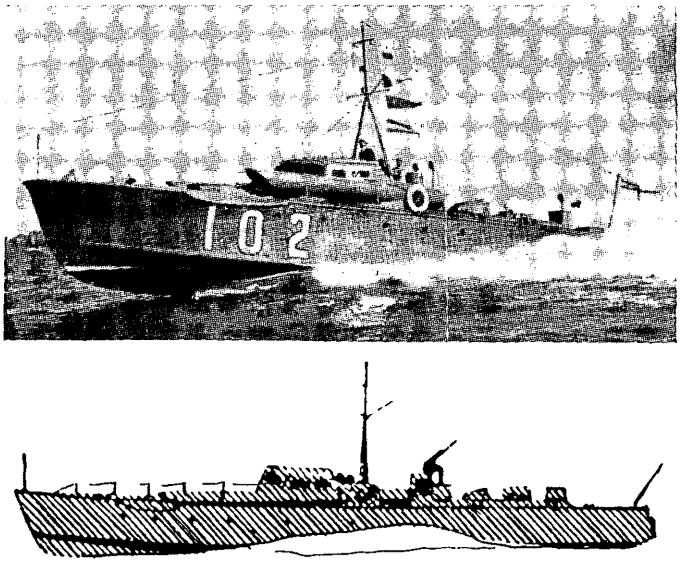
Nos. 22, 24, 25

Description: Displacement: 32 tons.
Length: 72 feet.
Beam: 16½ feet.
Draft: 3¾ feet.
Speed: Over 40 knots.

Guns: 2 machine guns, AA.

Torpedo tubes: 2—21-inch.

BRITISH NAVY — Torpedo Boats

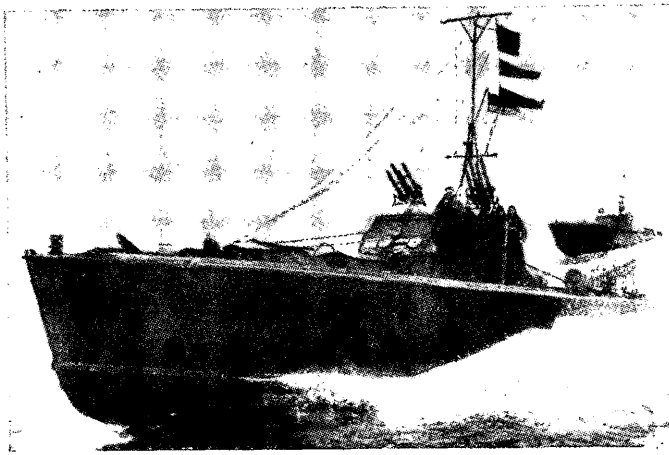


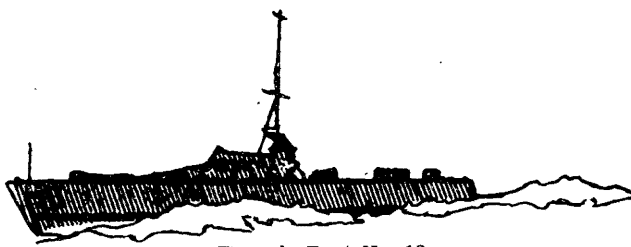
Torpedo Boat No. 102.

Nos. 101, 102, 103

Description: Displacement: 28 tons.
22 tons for 101.
Length: 68 feet.
Beam: 14¾ feet.
Draft: 3⅙ feet.
Speed: 43.7 knots.
40 knots for 101.
Guns: 2—20-mm.
Torpedo tubes: 2—21-inch.

Torpedo Boats





Torpedo Boat No. 18

Nos.	100	5	10	16
	1	6	11	17
	2	7	12	18
	3	8	14	19
	4	9	15	(There is no No. 13)

Description: Displacement: 18 tons.
Length: 60 feet.
Beam: 13¼ feet.
Draft: 2⅝ feet.
Speed: 35 knots.

Guns: 8 Lewis (quadrupled).

Torpedo tubes: 2—18-inch.

BRITISH NAVY — Power Boats



Power Boat, M. A. S. B. 1.

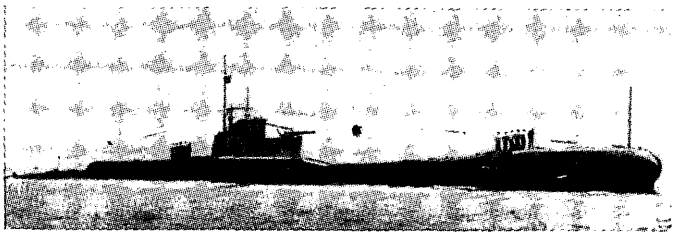
M. A. S. B. Nos. 1, 2, 3, 4, 5, 6

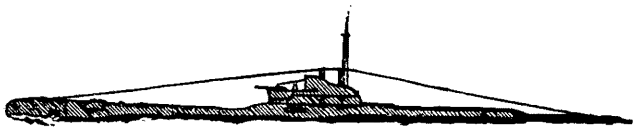
Description: Displacement: 18 to 20 tons.
Length: 60 feet.
Beam: 13¼ feet.
Draft: 3 feet.
Speed:

Guns:

Torpedo tubes:

Submarines
Triton Class





Submarine TRIUMPH.

Triton class

TIGRIS	TRUANT	TALISMAN
TORBAY	TETRARCH	THUNDERBOLT
TRITON	TRIDENT	TRIBUNE
TRIUMPH	TAKU	TUNA

(4 more authorized under 1939 estimates.)

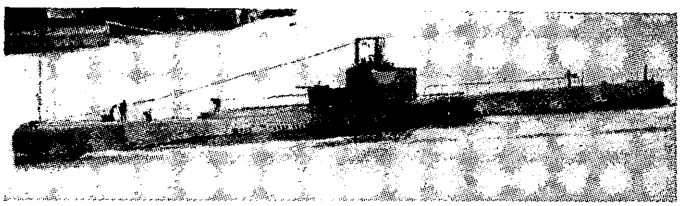
Description: Displacement: 1,090 tons.
Length: 275 feet (over-all).
Beam: 26½ feet.
Draft: 12 feet.
Speed: 15.25 knots (9 submerged).

Guns: 1—4-inch.
2 smaller.

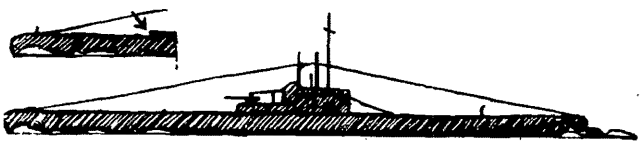
Torpedo tubes: 10—21-inch.

BRITISH NAVY

Submarines
Porpoise Class
(Mine layers)



Submarine PORPOISE.



Rorqual Group (PORPOISE as part sketch).

Porpoise Class (Minelayers)

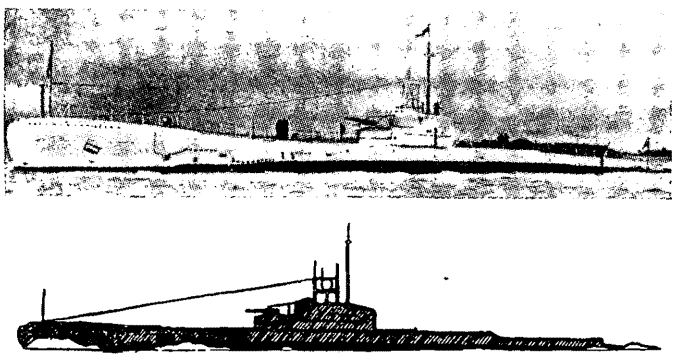
PORPOISE, RORQUAL, CACHALOT

Description: Displacement: 1,500 tons.
Length: 271½ feet (PORPOISE 267).
Beam: 25½ feet (PORPOISE 29⅝).
Draft: 15 feet (PORPOISE 13¾).
Speed: 15.75 knots surface.
15 knots surface, PORPOISE.
8.75 knots submerged.

Guns: 1—4-inch.
2 machine guns.

Torpedo tubes: 6—21-inch (bow).

Submarines
Severn Class



Severn Class

SEVERN
CLYDE

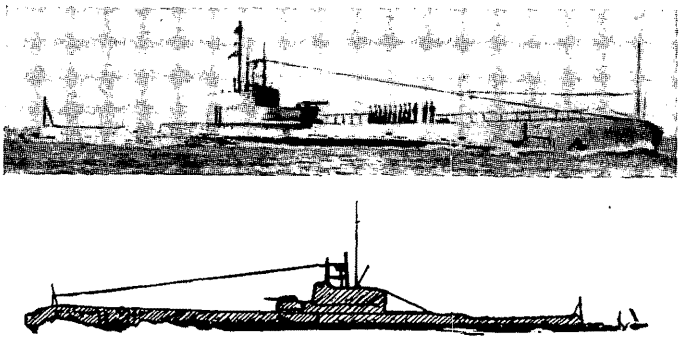
Description: Displacement: 1,850 tons.
Length: 325 feet.
Beam: 28 feet.
Draft: 13 feet.
Speed: 22.25 knots surface.
10 knots submerged.

Guns: 1—4-inch.
2 machine guns.

Torpedo tubes: 6—21-inch (bow).

BRITISH NAVY

Submarines
Regent Class



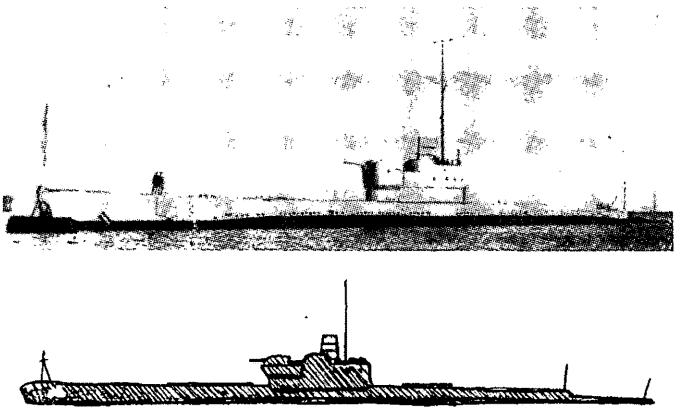
Submarine ROVER.

Regent Class

REGENT
ROVER

Description: Displacement: 1,475 tons.
Length: 260 feet.
Beam: 28 feet.
Draft: 13 feet 10 inches.
Speed: 17.5 knots (9 submerged).
Guns: 1—4-inch.
2 machine guns.
Torpedo tubes: 8—21-inch.

Submarines
Parthian Class



Submarine PERSEUS.

Parthian Class

PARTHIAN	PERSEUS
PANDORA	PROTEUS

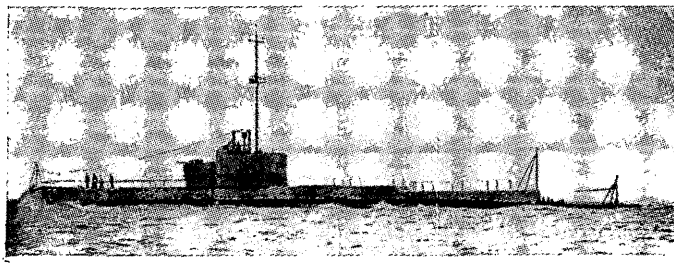
Description: Displacement: 1,475 tons.
Length: 260 feet.
Beam: 28 feet.
Draft: 13½ feet.
Speed: 17.5 knots surface.
9.0 knots submerged.

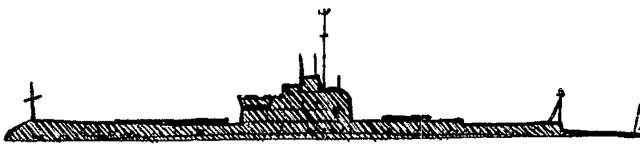
Guns: 1—4-inch.
2 machine guns.

Torpedo tubes: 8—21-inch.

BRITISH NAVY

Submarines
Olympus Class





Submarine OLYMPUS.

Olympus Class

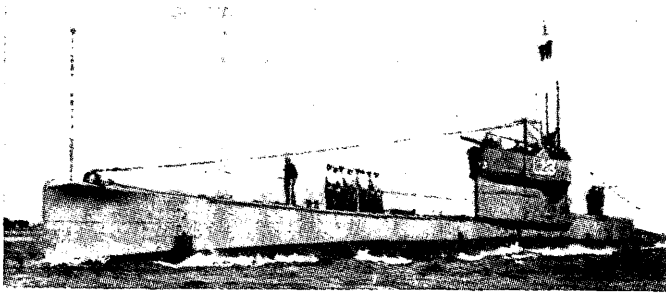
OLYMPUS
OSIRIS
OTUS

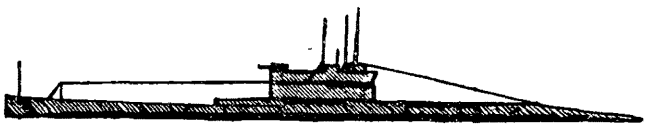
Description: Displacement: 1,475 tons.
Length: 283½ feet (over-all).
Beam: 28 feet.
Draft: 13½ feet (mean).
Speed: 17.5 knots surface.
9 knots submerged.

Guns: 1—4-inch.
2 machine guns.

Torpedo tubes: 8—21-inch (6 bow, 2 stern).

Submarines
"L" Class





"L" Class

L 23
L 26
L 27

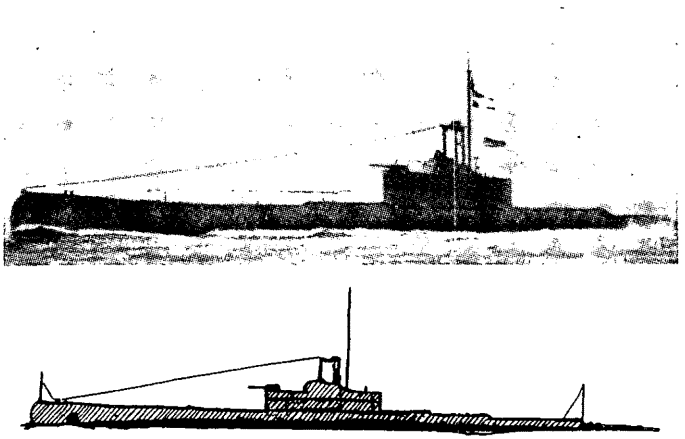
Description: Displacement: 760 tons.
Length: 238½ feet (over-all).
Beam: 23½ feet.
Draft: 13¾ feet.
Speed: 17.5 knots surface.
10.5 knots submerged.

Guns: 1—4-inch.
1 machine gun.

Torpedo tubes: 4—21-inch.

BRITISH NAVY

Submarines
Oberon Class



Submarine OBERON.

Oberon Class

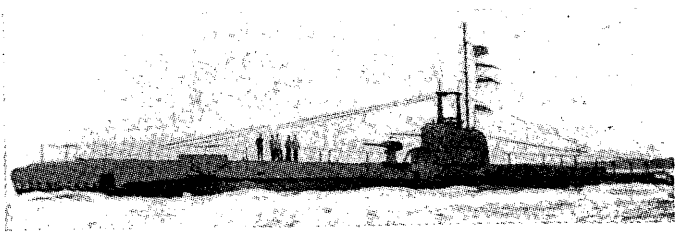
OBERON (1,311 tons)
OTWAY (1,349 tons)

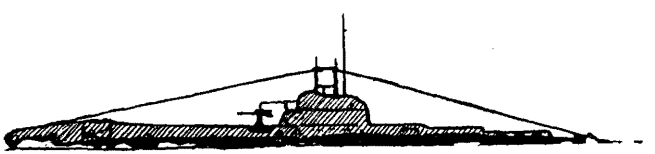
Description: Displacement: As above.
Length: 270 feet (over-all).
Beam: 28 feet.
Draft: 13¼ feet.
Speed: 15 knots surface.
9 knots submerged.

Guns: 1—4-inch.
2 machine guns.

Torpedo tubes: 8—21-inch (6 bow, 2 stern).

Submarines
Sealion Class





Submarine SEAWOLF.

Sealion Class

SNAPPER SEALION STURGEON
SUNFISH SEAWOLF

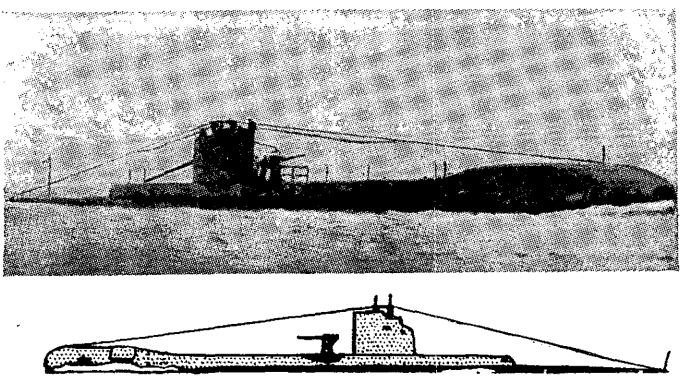
Description: Displacement: 670 tons.
Length: 202½ feet (waterline).
Beam: 24 feet.
Draft: 10½ feet (mean).
Speed: 15 knots surface.
10 knots submerged.

Guns: 1—3-inch.
1 machine gun.

Torpedo tubes: 6—21-inch (bow).

BRITISH NAVY

Submarines
Ursula Class



Submarine URSULA.

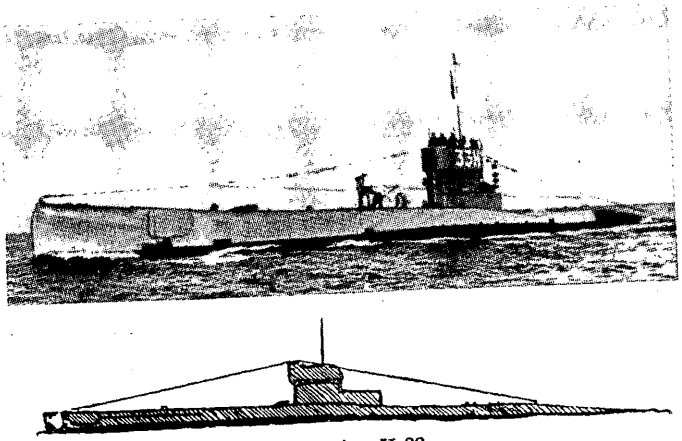
Ursula Class

UNITY
URSULA

Description: Displacement: 540 tons.
Length: 180 feet.
Beam: 16 feet.
Draft: 12¾ feet.
Speed: 11.25 knots surface.
10 knots submerged.

Guns: 1 small.
Torpedo tubes: 6—21-inch.

Submarines
"H" Class



Submarine H 33.

"H" Class

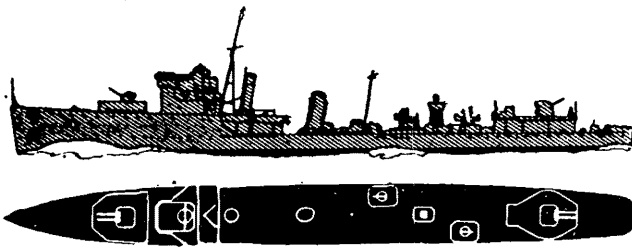
H 28	H 32	H 34	H 44
H 31	H 33	H 43	H 50

Description: Displacement: 410 tons.
Length: 170 feet (over-all).
Beam: 15¾ feet.
Draft: 12½ feet.
Speed: 13 knots surface.
10.5 knots submerged.

Guns: 1 machine gun.
Torpedo tubes: 4—21-inch (bow).

BRITISH NAVY

Escort Vessels
Wallace and Wolsey Types
(12 ships)



VEGA and other rearmed units.

WALLACE	WRYNECK	VIMIERA
WOLSLEY	WINCHESTER	WRESTLER
WOOLSTON	WESTMINSTER	VALOROUS
VEGA	WINDSOR	VIVIEN

Description (WALLACE):
Displacement: 1,250 tons.
Length: 329 feet (over-all).
Beam: 31¾ feet.
Draft: 12⅓ feet (mean).
Speed: 28 knots.

Description (all except WALLACE):
Displacement: 900 tons.
Length: 312 feet (over-all).
Beam: 30 feet.
Draft: 10¾ feet (mean).
Speed: 28 knots.

Guns: 4—4-inch.
2 multimachine guns.

Note: All of the above vessels were originally destroyers of 1917 design, but were rearmed for escort duty in 1938–39.

Escort Vessels
Black Swan Class

(Recent construction; no plans or photos.)

Black Swan Class

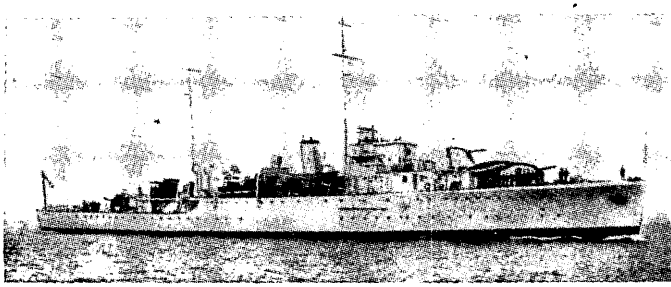
ERNE
IBIS
BLACK SWAN
FLAMINGO

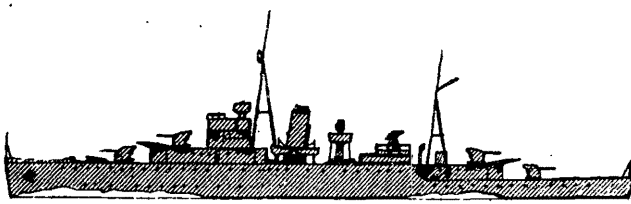
Description: Displacement: 1,250 tons.
Length:
Beam:
Draft:
Speed: 19.25 knots.

Guns: 6—4-inch AA.
10 smaller.

BRITISH NAVY

Escort Vessels
Egret Class







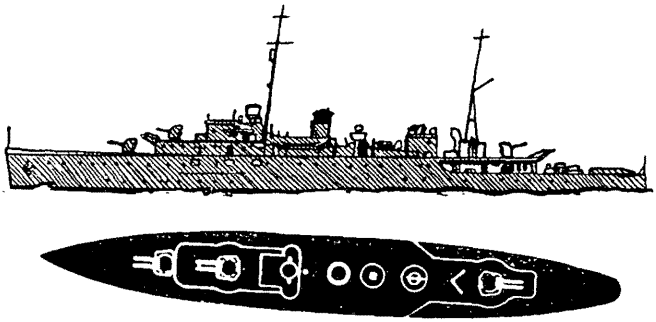
Escort vessel EGRET.

EGRET PELICAN
AUCKLAND

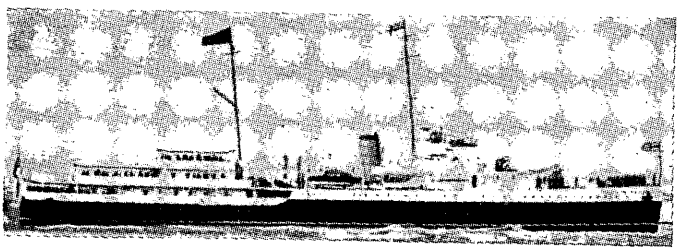
Description: Displacement: 1,200 tons.
Length: 276 feet (waterline).
Beam: 37½ feet.
Draft: 8⅓ feet (mean).
Speed: 19.25 knots.

Guns: 8—4-inch AA.
7 smaller.

Escort Vessels
Enchantress Class



Escort vessel STORK.

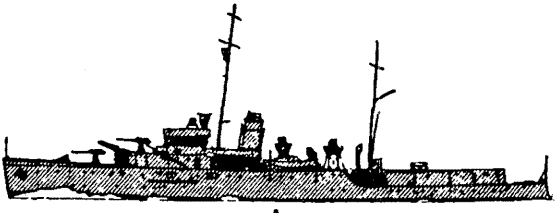


Escort vessel ENCHANTRESS.

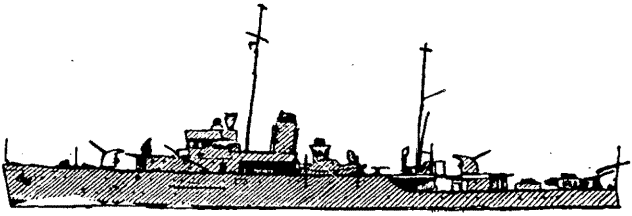
	ENCHANTRESS	STORK
Description:	Displacement: 1,190 tons.	
	Length: 266 feet (waterline).	
	Beam: 37 feet.	
	Draft: 8½ feet (mean).	
	Speed: 18.75 knots.	
Guns:		
	4—4.7-inch.	6—4-inch AA.
	4—3-pounder.	5 smaller.
	8 smaller.	

BRITISH NAVY

Escort Vessels
Aberdeen Class



A



B



C

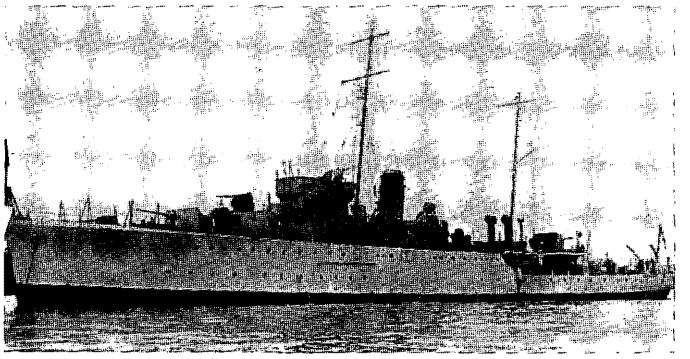
(A) ABERDEEN. (B) and (C) FLEETWOOD.

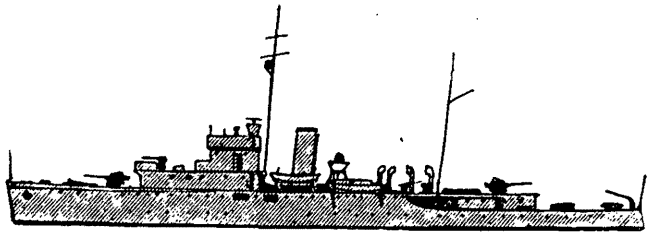
FLEETWOOD ABERDEEN

Description: Displacement: 990 tons.
Length: 266 feet (over-all).
Beam: 36 feet.
Draft: 7½ feet (mean).
Speed: 16.5 knots.

Guns: 4—4-inch AA.
9 smaller.

Escort Vessels
Grimsby Class





Escort Vessel LOWESTOFT.

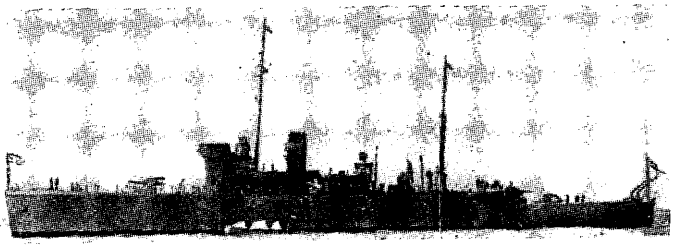
Grimsby Class

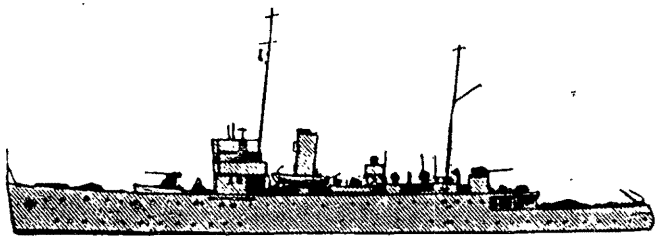
GRIMSBY	LOWESTOFT	LONDONDERRY
LEITH	WELLINGTON	DEPTFORD

Description: Displacement: 990 tons.
Length: 266 feet (over-all).
Beam: 34 feet.
Draft: 7¼ feet (mean).
Speed: 16.5 knots.

Guns: 2—4.7-inch.
1—3-inch A.A.
2—3-pounder (4—3-pounders last two ships).
10 machine guns.

BRITISH NAVY — Escort Vessels





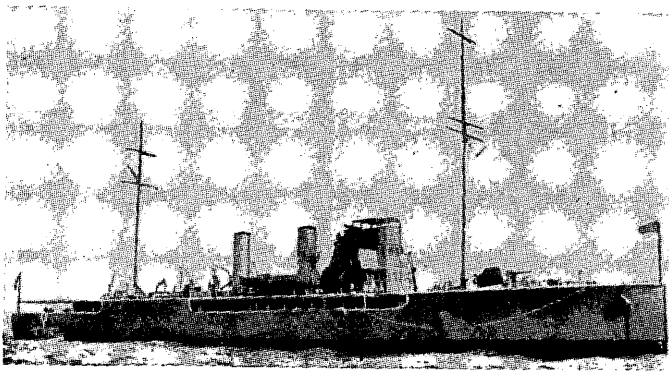
HASTINGS, SHOREHAM Classes.

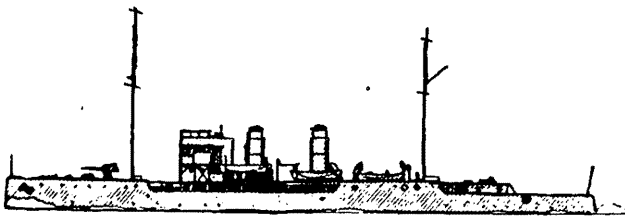
Classes	*Displacement* (tons)	*Length (over-all)* (feet)	*Beam* (feet)	*Draft* (feet)
Bridgewater	1, 045	266	34	8¼
Hastings	1, 025	266	34	8
Shoreham	1, 105	266	34	9
Falmouth	1, 060	266	34	8¾

BRIDGEWATER HASTINGS SHOREHAM FALMOUTH
SANDWICH ROCHESTER MILFORD
FOWEY WESTON
BIDEFORD

Guns: 2—4-inch AA. (HASTINGS and FALMOUTH, 1—4-inch AA.)
9 to 13 smaller.

Escort Vessels
"Flower" Class





Escort vessel LUPIN.
"Flower Class.

LUPIN
FOXGLOVE
ROSEMARY

Description: Displacement: 1,175 tons.
Length: 267¾ feet (over-all).
Beam: 33½ feet.
Draft: 11 feet.
Speed: 16.5 knots (FOXGLOVE 16).

Guns: 1—4-inch (FOXGLOVE, 2—4-inch).
12 smaller (FOXGLOVE, 16 smaller).

BRITISH NAVY

Patrol Vessels
Guillemot Class

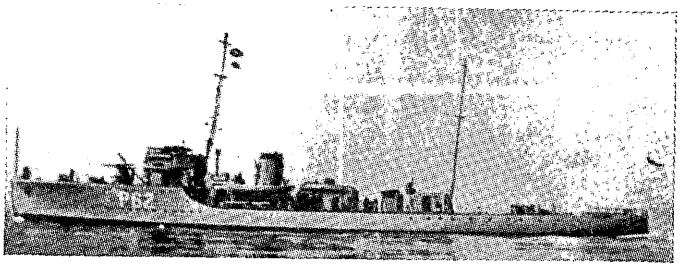
(Recent construction. No photos. They are believed to be an improvement on WIDGEON design.)

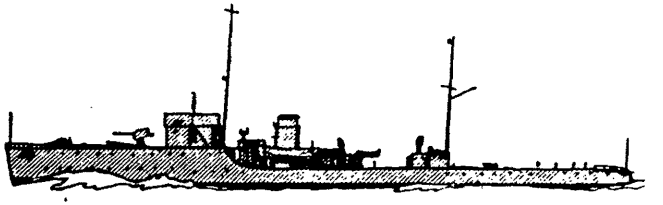
Guillemot Class

GUILLEMOT
PINTAIL
SHEARWATER

Description: Displacement: 580 tons.
Guns: 1—4-inch AA.

Patrol Vessels
Kingfisher Class





Patrol vessel WIDGEON (bridge now covered in).

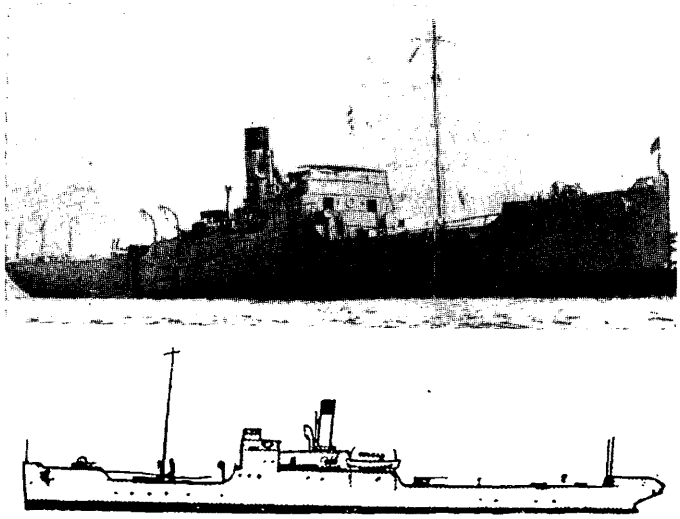
Kingfisher Class

KINGFISHER (510 tons)	KITTIWAKE (530 tons)
MALLARD (510 tons)	SHELDRAKE (530 tons)
PUFFIN (510 tons)	WIDGEON (530 tons)

Description: Displacement: As above.
Length: 243⅙ feet (over-all).
Beam: 26½ feet.
Draft: 6 feet.
Speed: 20 knots.

Guns: 1—4-inch AA.
8 smaller.

BRITISH NAVY — Patrol Vessels P. C. 74



Patrol vessel P. C. 74.

P. C. 74

Description: Displacement: 610 tons.
Length: 247 feet (over-all).
Beam: 26¾ feet.
Draft: 8 feet.
Speed: 20 knots.

Guns: 1—4-inch.
24—30 depth charges.

Minesweepers
Bangor Class
(20 ships)

(Recent construction; photos not available. Will replace old vessels of Improved Hunt Class.)

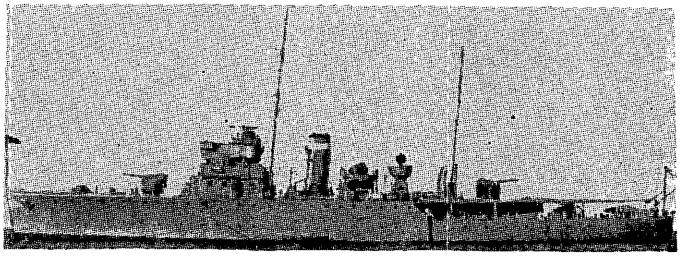
Bangor Class (20 ships)

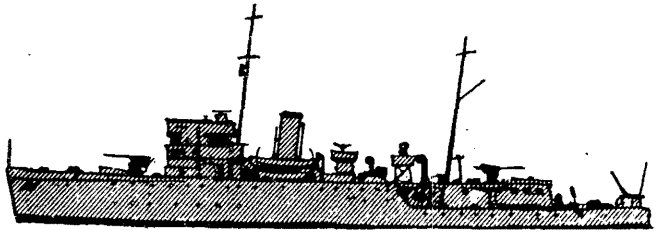
BANGOR	PETERHEAD	ROTHESAY
BLACKPOOL	BEAUMARIS	TENBY
BRIDLINGTON	BOSTON	RHYL
BRIDPORT	POLRUAN	ROMNEY
BLYTH	RYE	SIDMOUTH
CROMARTY	ILFRACOMBE	STORNOWAY
DUNBAR	LLANDUDNO	

No particulars of these vessels have been released.

BRITISH NAVY

Minesweepers
Halcyon Class





Minesweeper SHARPSHOOTER.

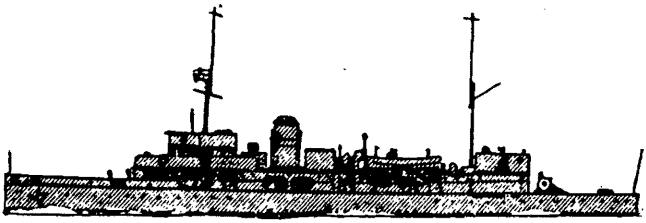
Halcyon Class

HALCYON
HARRIER
HUSSAR
SPEEDWELL
GOSSAMER
SPEEDY (875 tons)
NIGER
SALAMANDER
HEBE (835 tons)
SHARPSHOOTER (835 tons)
LEDA
SEAGULL
BRAMBLE (875 tons)
BRITOMART (875 tons)
HAZARD (835 tons)
GLEANER (835 tons)
JASON (835 tons)

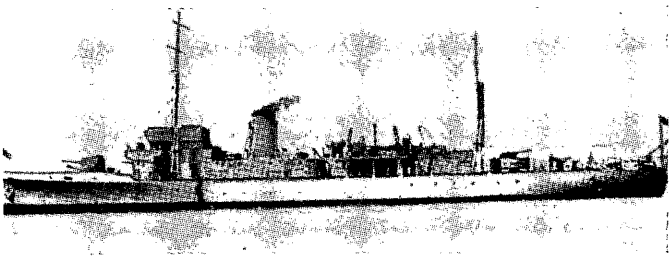
Description: Displacement: 815 tons (except as above).
Length: 230 feet.
Beam: 33½ feet.
Draft: 7 feet.
Speed: 17 knots.

Guns: 2—4-inch AA.
5 smaller.

Minesweepers
Improved Hunt Class
(21 ships)



SALTBURN—Improved Hunt Class.



Minesweeper SELKIRK.

Improved Hunt Class (21 ships)

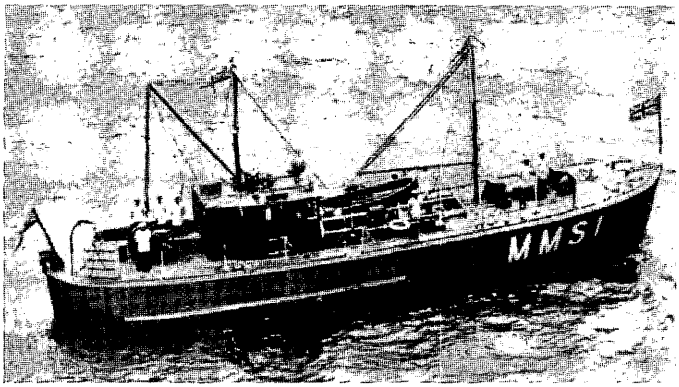
ABERDARE	FERMOY	SALTBURN
ABINGDON	HARROW	SELKIRK
ALBURY	HUNTLY	STOKE
ALRESFORD	LYDD	SUTTON
BAGSHOT	PANGBOURNE	ELGIN
DERBY	ROSS	TEDWORTH
FAREHAM	SALTASH	WIDNES

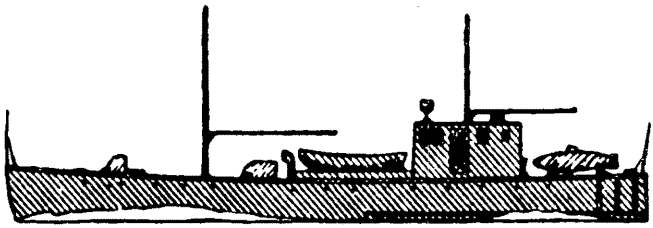
Description: Displacement: 710 tons (TEDWORTH, 675 tons).
Length: 231 feet (over-all).
Beam: 28⅜ feet.
Draft: 7½ feet.
Speed: 16 knots.

Guns: 1—4-inch.
1 smaller.

Note: There are minor variations in the ships of this class.

BRITISH NAVY — Motor Minesweepers





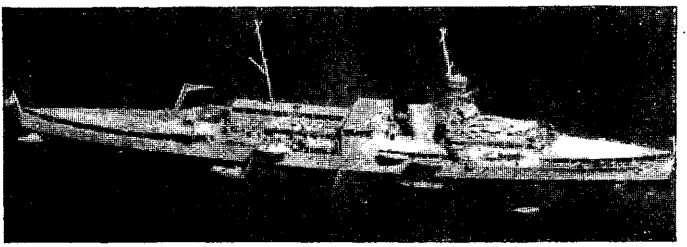
Motor Minesweeper M. M. S. 1.

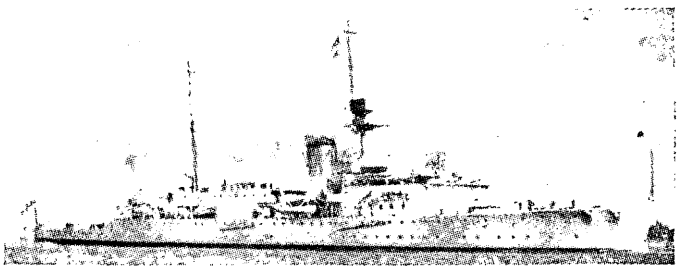
M. M. S. Class

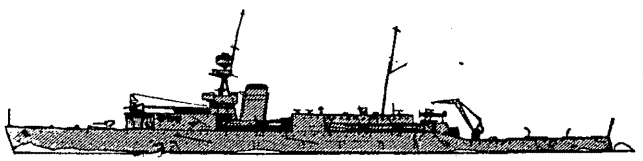
M. M. S. 1
M. M. S. 2

Description: Displacement: 52 tons.
Length: 75 feet.
Beam: 14⅓ feet.
Draft: 5 feet (maximum).
Speed: 15 knots (reduced to 10 knots when sweeping).

Training Ship







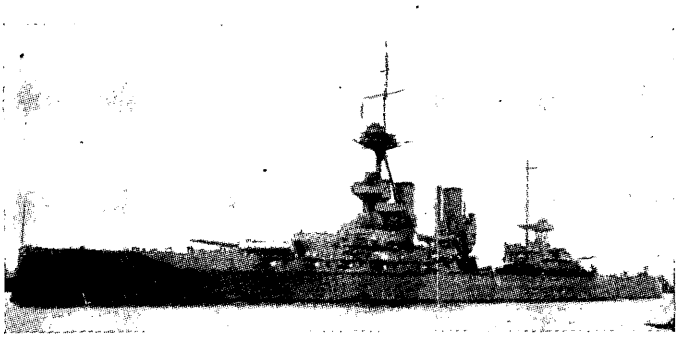
VINDICTIVE

Description: Displacement: 9,100 tons.
Length: 605 feet (over-all).
Beam: 58 feet.
Draft: 20½ feet (maximum).
Speed: 23 knots.

Guns: 2—4.7-inch.
4—3-pounder.
1—2-pounder pompom.

Note: Normal complement of cadets is 200.

BRITISH NAVY — Training Ship



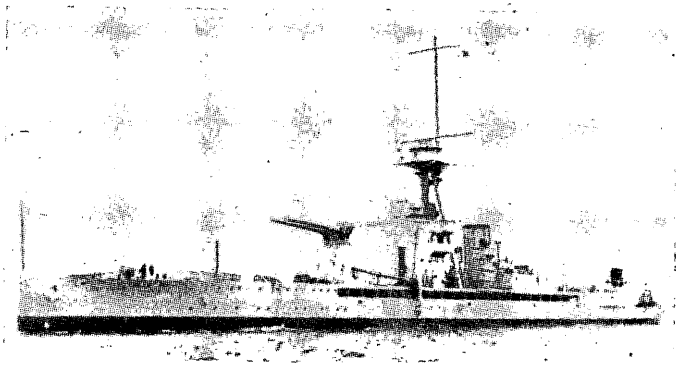
IRON DUKE

Description: Displacement: 21,250 tons.
Length: 580 feet (between perpendiculars).
Beam: 90 feet.
Draft: 26 feet.
Speed: 18 knots.

Guns: 6—13.5-inch.
12—6-inch.
(Others being mounted for trial purposes.)

Note: Complement 589 (exclusive of boys under training)

Monitors
Erebus Class



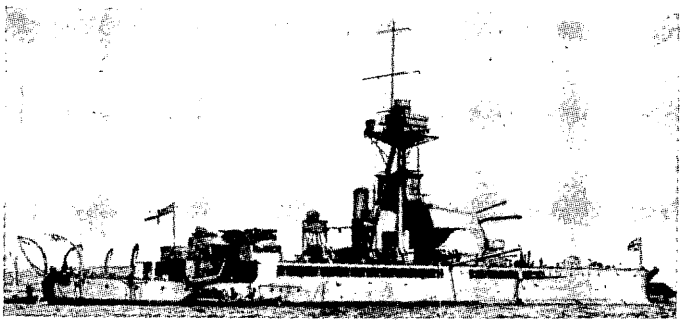
Erebus Class

EREBUS
TERROR

Description: Displacement: 7,200 tons.
Length: 405 feet (over-all).
Beam: 88 feet.
Draft: 11 feet (mean).
Speed: 12 knots.

Guns: 2—15-inch.
8—4-inch in TERROR.
2—3-inch AA.
10 smaller (12 in EREBUS).

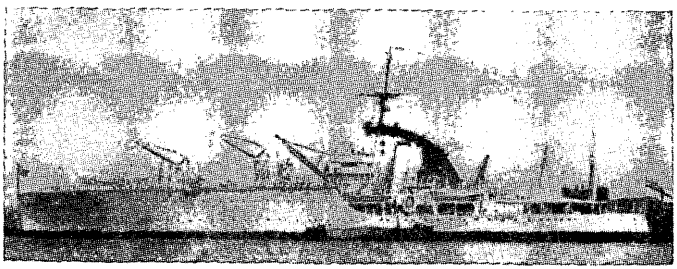
BRITISH NAVY — Monitors

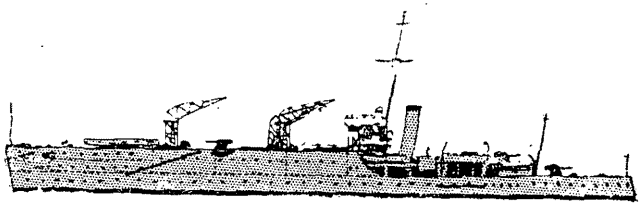


MARSHAL SOULT

Description: Displacement: 6,400 tons.
Length: 355⅔ feet (over-all).
Beam: 90¼ feet.
Draft: 10½ feet.
Speed: 6.7 knots.
Guns: 2—15-inch.

Training Aircraft
Carriers





ALBATROSS

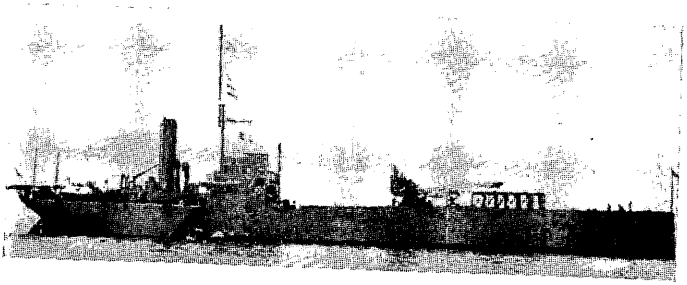
Description: Displacement: 4,800 tons.
Length: 443¾ feet (over-all).
Beam: 58 feet.
Draft: 13¾ feet (mean).
Speed: 21 knots.

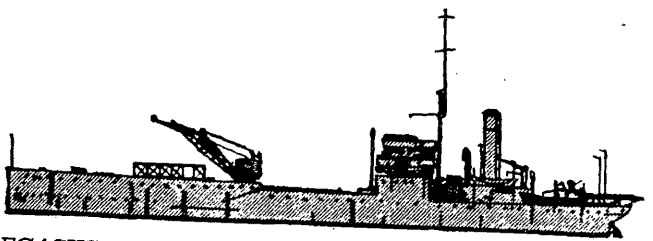
Guns: 4—4.7-inch AA.
32 smaller.

Aircraft: Space for 9 seaplanes. Catapults: 1.

BRITISH NAVY

Training Aircraft Carriers



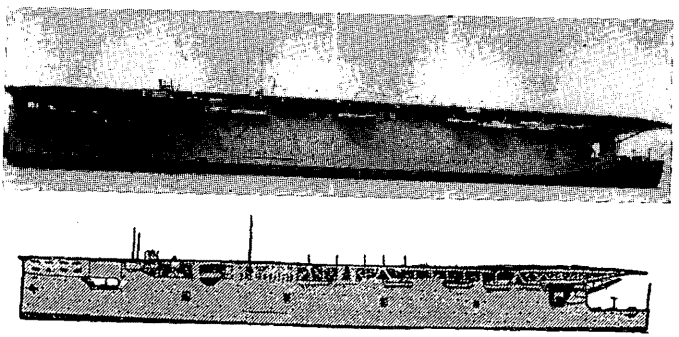


PEGASUS

Description: Displacement: 6,900 tons.
Length: 366 feet (over-all).
Beam: 50⅝ feet.
Draft: 17½ feet (mean).
Speed: 11 knots.

Aircraft: Space for 9 seaplanes. Catapults: 1.

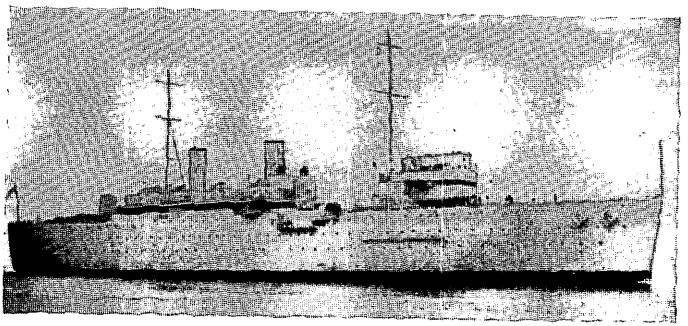
Training Aircraft
Carriers

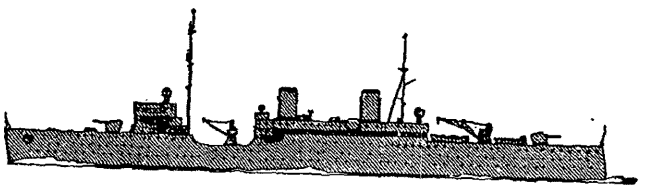


ARGUS

Description: Displacement: 14,000 tons.
Length: 565 feet (over-all).
Beam: 68 feet (excluding bulges).
Draft: 21 feet (mean).
Speed: 20 knots.
Guns: 18 machine guns and Lewis.
Aircraft: 8 target airplanes.

BRITISH NAVY — Submarine Tenders





Submarine tender MAIDSTONE

Maidstone Class

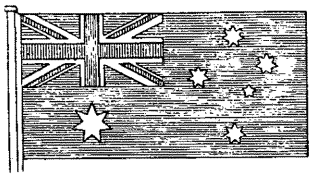
MAIDSTONE
FORTH

Description: Displacement: 8,900 tons.
Length: 574 feet (over-all).
Beam: 75 feet.
Draft: 20 feet (mean).
Speed: 17 knots.

Guns: 8—4.5-inch (in pairs).
2 multiple pompoms.
4—3-pounder.
4 smaller.

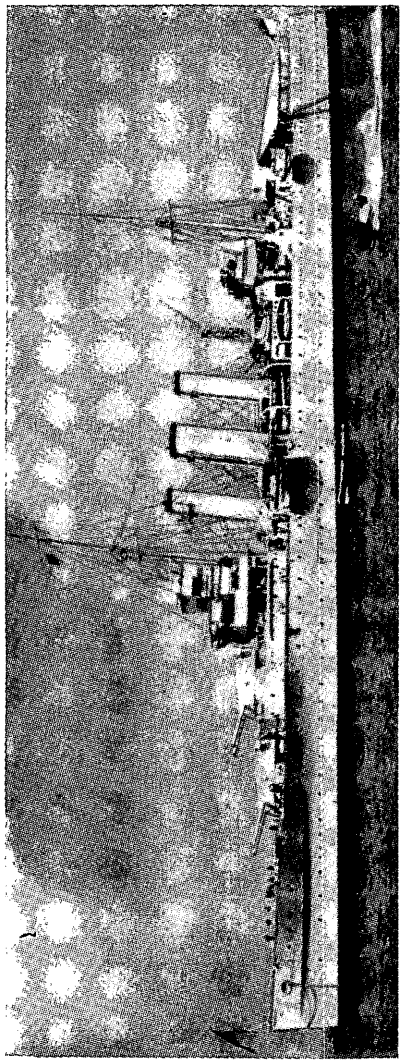
SECTION III

ROYAL AUSTRALIAN NAVY



Ensign, Royal Australian Navy.

ROYAL AUSTRALIAN NAVY



Cruiser AUSTRALIA

Australia Class

AUSTRALIA
CANBERRA

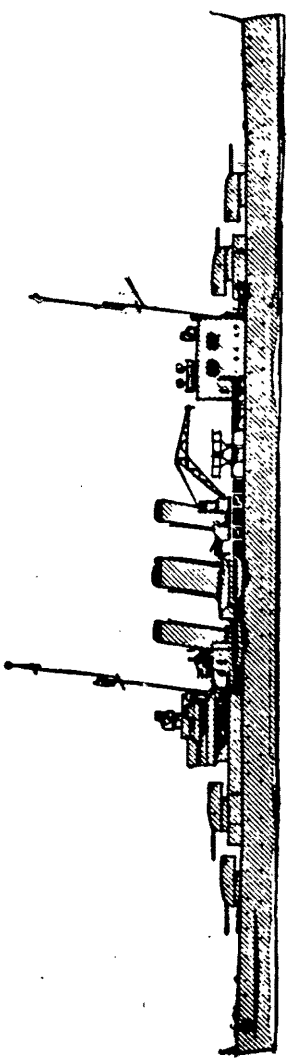
Description: Displacement: 10,000 tons.
Length: 630 feet (over-all).
Beam: 68⅓ feet.
Draft: 16¼ feet (mean).
Speed: 31.5 knots.

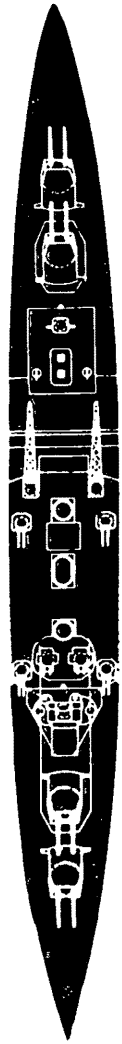
Guns: 8—8-inch.
8—4-inch AA.
4—3-pounder.
4—2-pounder pompoms.
4 machine.
8 Lewis.

Torpedo tubes: 8—21-inch (being removed).

Aircraft: 1 in AUSTRALIA.

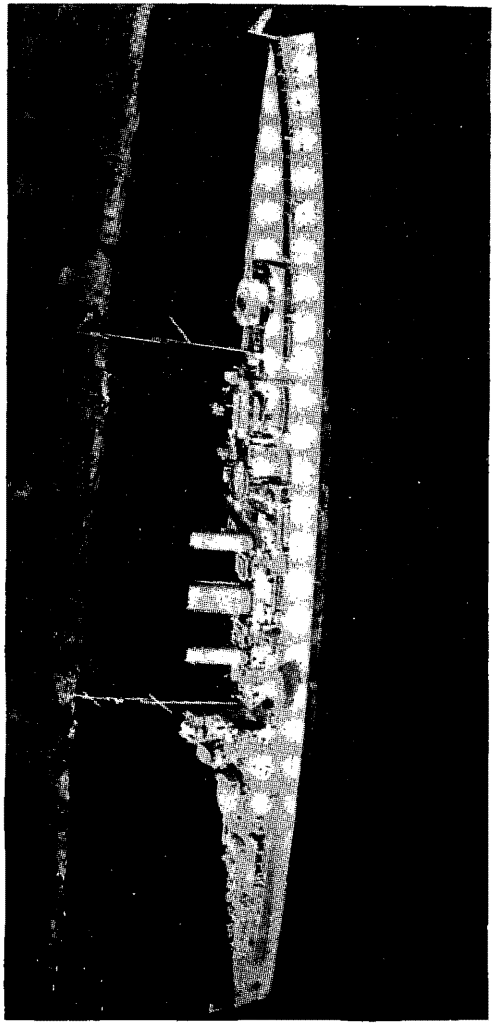
ROYAL AUSTRALIAN NAVY





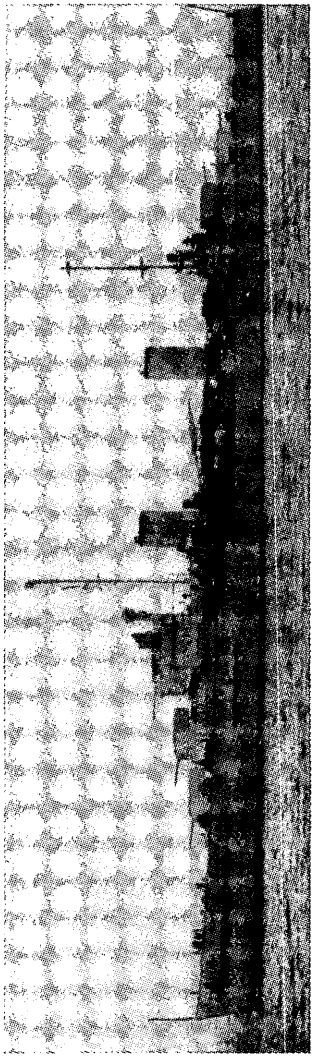
Cruisers AUSTRALIA and CANBERRA

Cruisers
Australia Class



Cruiser AUSTRALIA

ROYAL AUSTRALIAN NAVY



Cruiser SYDNEY.

Perth Class

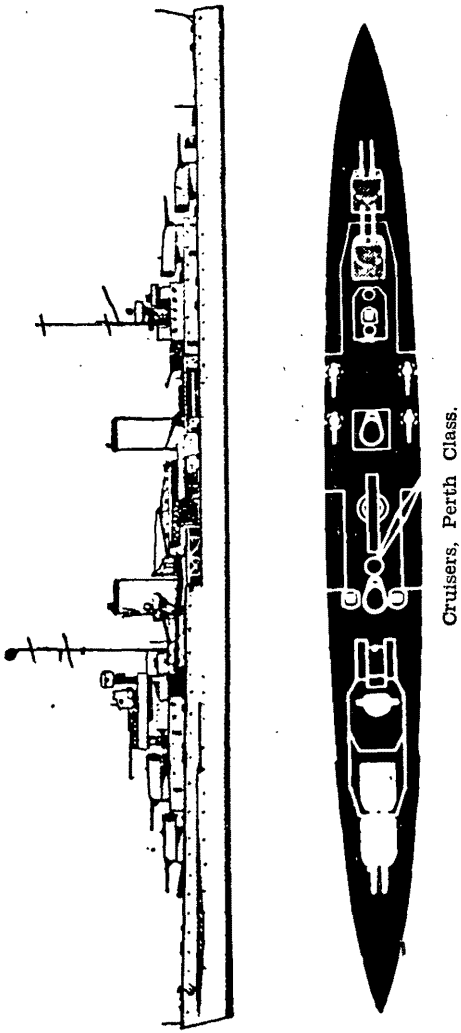
PERTH (6,980 tons)
SYDNEY (6,830 tons)
HOBART (7,105 tons)

Description: Displacement: As above.
Length: 555 feet (waterline).
Beam: 56⅔ feet.
Draft: 15⅔ feet (mean).
Speed: 32.5 knots.

Guns: 8—6-inch.
8—4-inch AA.
4—3-pounder.
10 smaller.

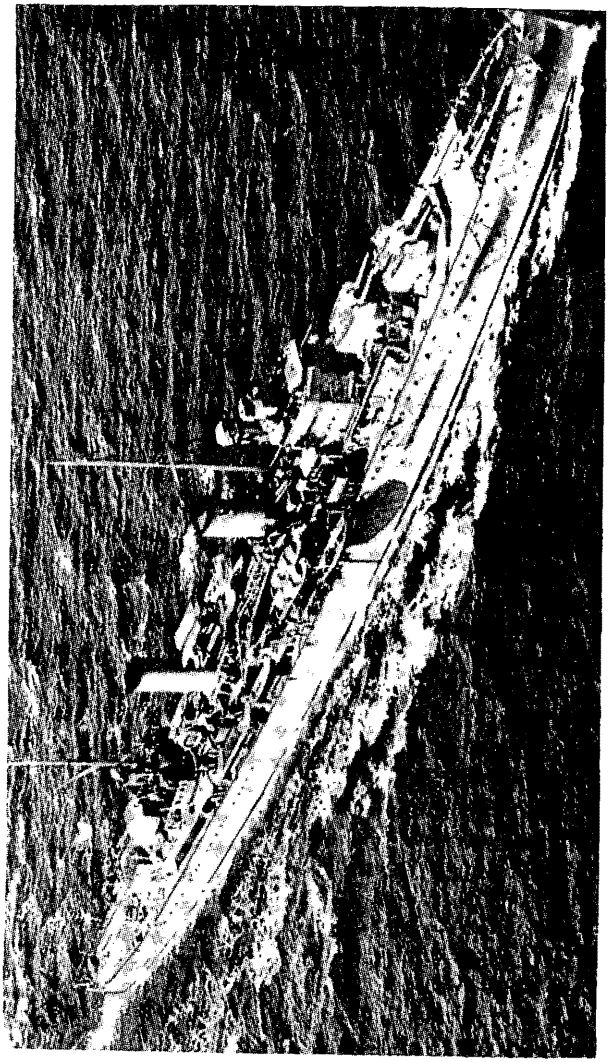
Torpedo tubes: 8—21-inch (quadrupled).
Aircraft: 1. Catapult: 1.

ROYAL AUSTRALIAN NAVY



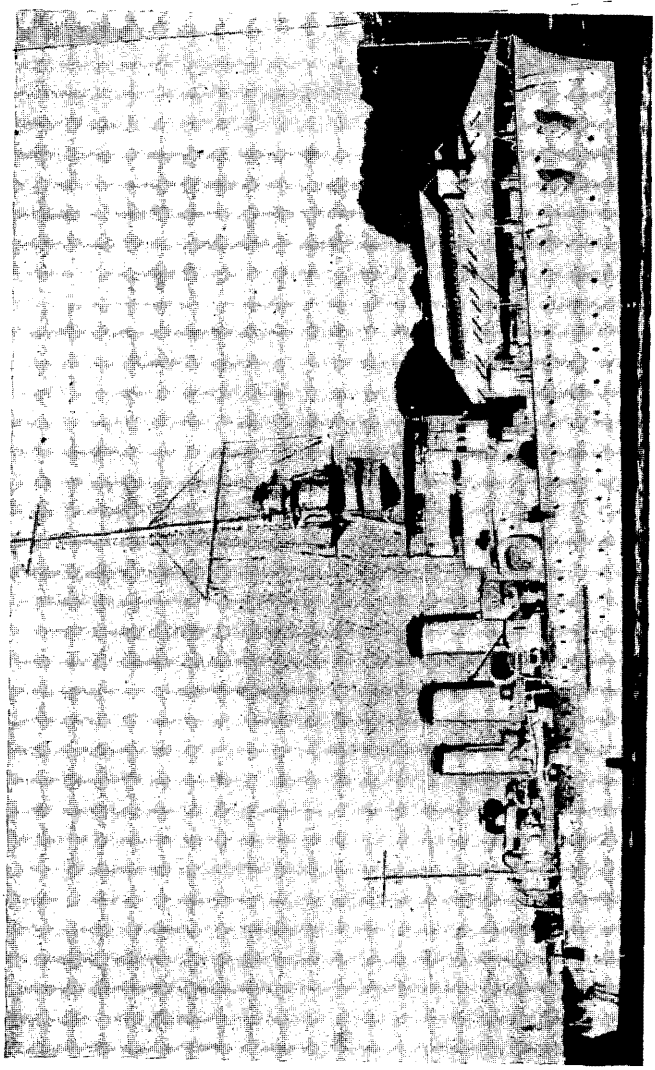
Cruisers, Perth Class.

Cruisers
Perth Class



Cruiser SYDNEY.

ROYAL. AUSTRALIAN NAVY



Cruiser ADELAIDE.

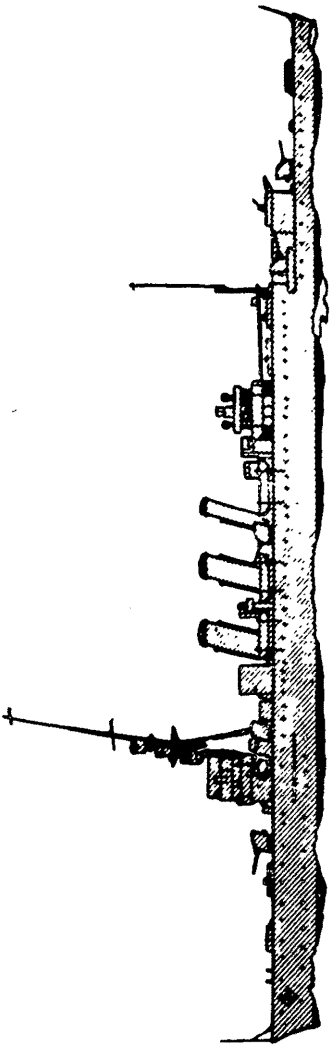
Cruiser
ADELAIDE

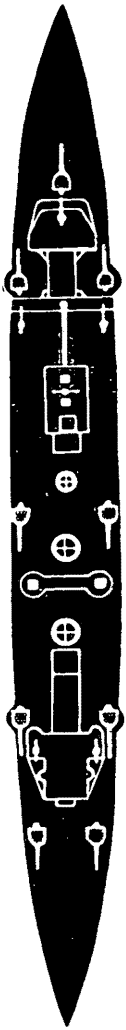
ADELAIDE

Description: Displacement: 5,100 tons.
Length: 462⅔ feet (over-all).
Beam: 49⅝ feet.
Draft: 15⅝ feet (mean).
Speed: 25.5 knots.

Guns: 8—6-inch.
3—4-inch AA.
4—3-pounder.
12 smaller.

ROYAL AUSTRALIAN NAVY

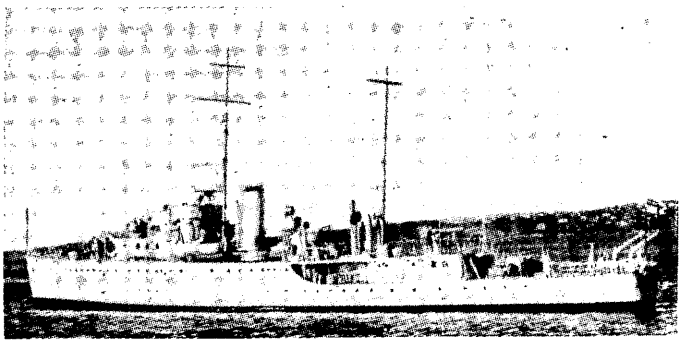


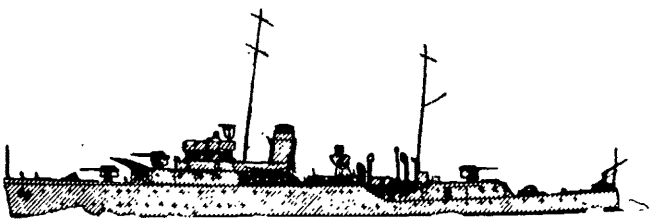


Cruiser ADELAIDE.

Cruiser
ADELAIDE

ROYAL AUSTRALIAN NAVY — Escort Vessels





Escort vessel YARRA.

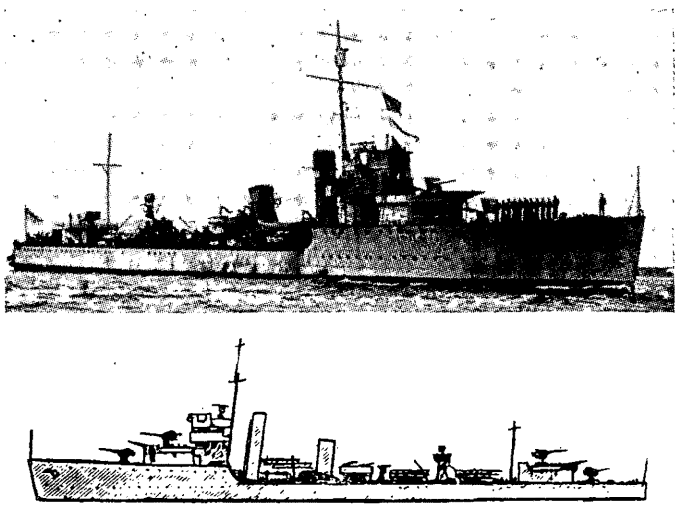
Yarra Class

YARRA
SWAN

Description: Displacement: 1,060 tons.
Length: 266 feet (over-all).
Beam: 36 feet.
Draft: 7½ feet (mean).
Speed: 16.5 knots.

Guns: 3—4-inch AA.
4—3-pounder.
6 machine guns.

Destroyers
"W" and "V" Types



Destroyer VAMPIRE.

"W" and "V" Types

WATERHEN (1,100 tons)
VOYAGER (1,100 tons)
VENDETTA (1,090 tons)
VAMPIRE (1,090 tons)

Description: Displacement: As above.
Length: 312 feet (over-all).
Beam: 29½ feet.
Draft: 10⅝ feet (mean).
Speed: 34 knots.
Guns: 4—4-inch.
5 smaller.
Torpedo tubes: 6—21-inch.

ROYAL AUSTRALIAN NAVY

Destroyers
Arunta Class

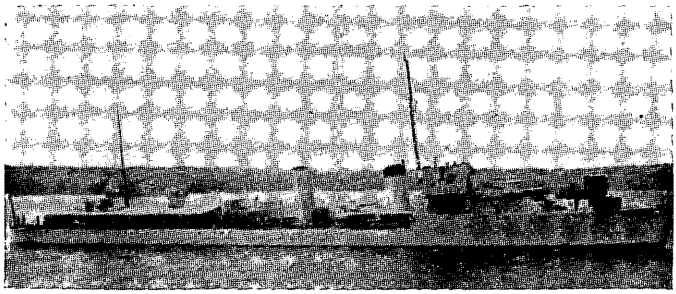
(Will resemble Tribal Class of the British Royal Navy.)

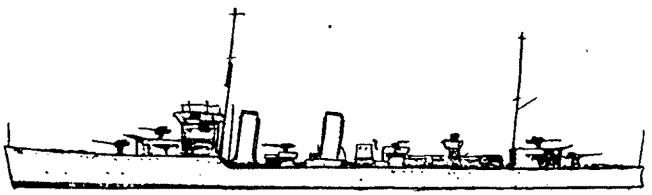
ARUNTA
WARRAMUNGA

(Another—name not given)
Description: Displacement: 1,870 tons.
Length: 355½ feet.
Beam: 36½ feet.
Draft: 9 feet.
Speed: 36½ knots.
Guns: 8—4.7-inch.
7 smaller.
Torpedo tubes: 4—21-inch.

ROYAL AUSTRALIAN NAVY

Destroyer
STUART





Destroyer STUART.

STUART

Description: Displacement: 1,530 tons.
Length: 332½ feet (over-all).
Beam: 31¾ feet.
Draft: 12¼ feet.
Speed: 36.5 knots.

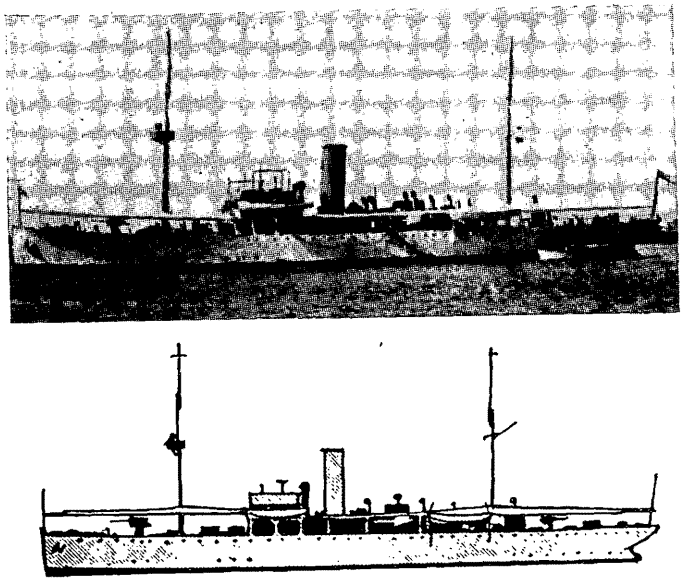
Guns: 5—4.7-inch.
1—3-inch AA.
7 smaller.

Torpedo tubes: 6—21-inch.

SECTION IV

ROYAL INDIAN NAVY

Escort Vessel
CORNWALLIS



Escort vessel CORNWALLIS.

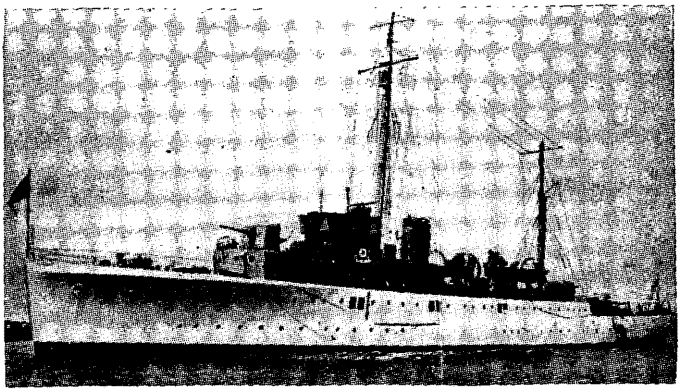
CORNWALLIS

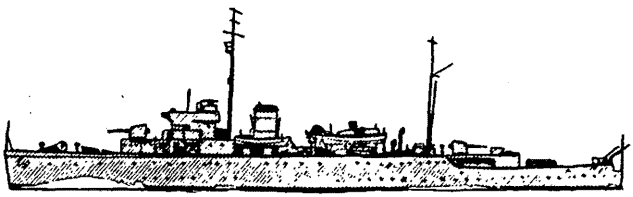
Description: Displacement: 1,383 tons.
Length: 277¾ feet (over-all).
Beam: 35 feet.
Draft: 14⅓ feet.
Speed: 16.5 knots.

Guns: 3—4-inch.
4—3-pounder.
12 smaller.

ROYAL INDIAN NAVY

Escort Vessels
Indus Class





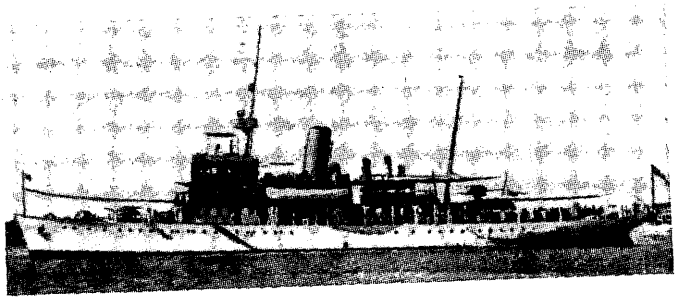
Escort vessel INDUS.

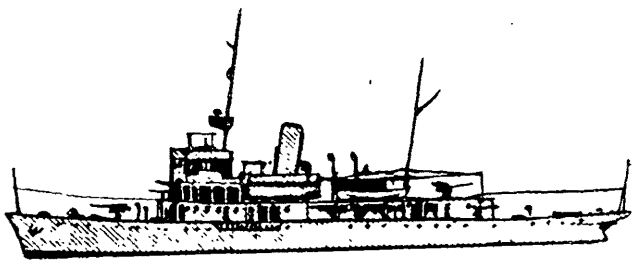
INDUS
HINDUSTAN

Description: Displacement: 1,190 tons.
Length: 296½ feet (over-all).
Beam: 35½ feet.
Draft: 8¾ feet (mean).
Speed: 16.5 knots.

Guns: 2—4.7-inch (4-inch in HINDUSTAN).
4—3-pounder.
11 smaller (10 smaller in HINDUSTAN).

Escort Vessel
LAWRENCE





Escort vessel LAWRENCE.

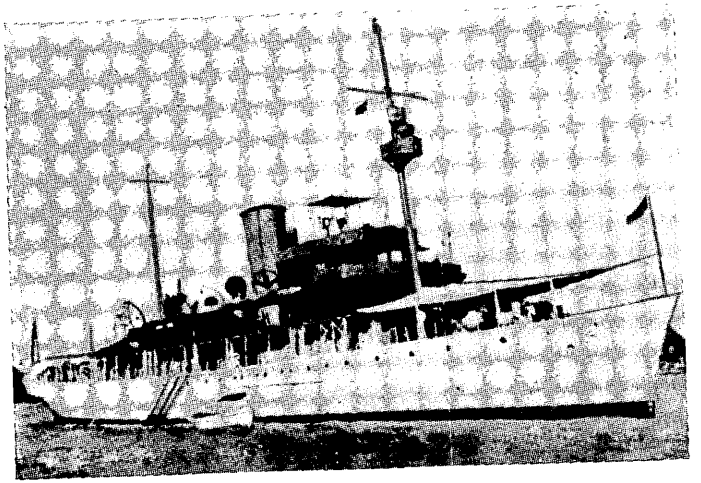
LAWRENCE

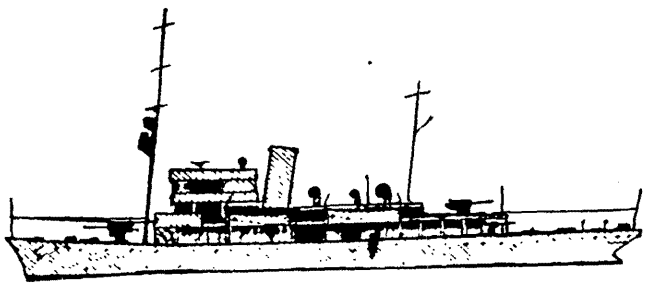
Description: Displacement: 1,210 tons.
Length: 241½ feet (over-all).
Beam: 34 feet.
Draft: 12 feet (maximum).
Speed: 15 knots.

Guns: 2—4-inch.
4—3-pounder.
12 smaller.

ROYAL INDIAN NAVY

Escort Vessel
CLIVE





Escort vessel CLIVE.

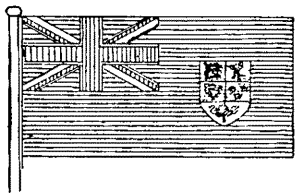
CLIVE

Description: Displacement: 1,748 tons.
Length: 262½ feet (over-all).
Beam: 38½ feet.
Draft: 14 feet.
Speed: 14.5 knots.

Guns: 2—4-inch.
4—3-pounder.
12 smaller.

SECTION V

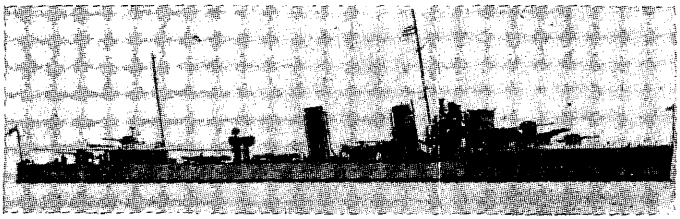
ROYAL CANADIAN NAVY

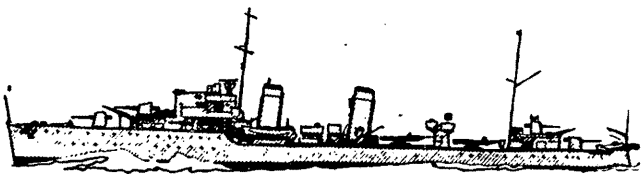


Ensign, Royal Canadian Navy.

ROYAL CANADIAN NAVY

Destroyer
ASSINIBOINE





Destroyer ASSINIBOINE.

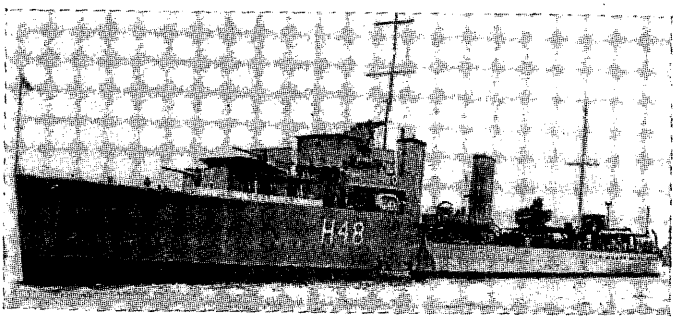
ASSINIBOINE

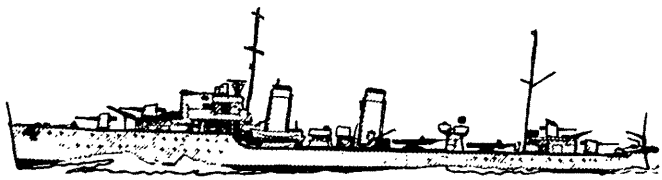
Description: Displacement: 1,390 tons.
Length: 326 feet (waterline).
Beam: 33 feet.
Draft: 8⅔ feet (mean).
Speed: 35.75 knots.

Guns: 4—4.7-inch.
6 smaller.

Torpedo tubes: 8—21-inch.

Destroyers
Ottawa Class





Appearance as FRASER (sunk June 1940).

Ottawa Class.

LAURENT
OTTAWA
RESTIGOUCHE

Description: Displacement: 1,375 tons.
Length: 326 feet (waterline).
Beam: 33 feet.
Draft: 8½ feet (mean).
Speed: 36 knots.

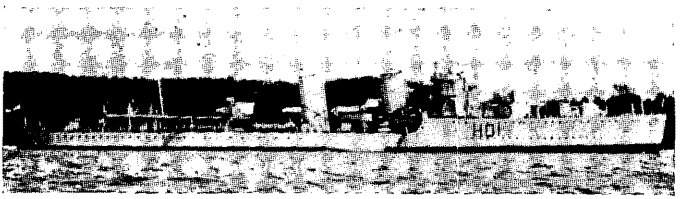
Guns: 4—4.7-inch.
7 smaller.

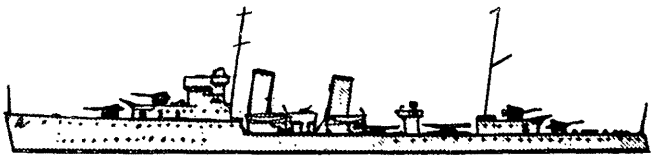
Torpedo tubes: 8—21-inch (quadrupled).

Note: Plan same as British Defender Class.

ROYAL CANADIAN NAVY

Destroyers
Skeena Class





Destroyer SAGUENAY.

Skeena Class

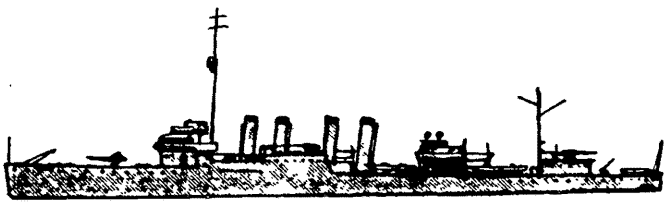
SAGUENAY
SKEENA

Description: Displacement: 1,337 tons.
Length: 321⅙ feet (over-all).
Beam: 32⅔ feet.
Draft: 10½ feet (mean).
Speed: 35 knots.

Guns: 4—4.7-inch.
2—2-pounder pompoms.
5 machine guns.

Torpedo tubes: 8—21-inch (quadrupled).

Destroyers
St. Croix Class



"Flush Deck" Type.

St. Croix Class

(Acquired from United States Navy in September 1940, of the "Flush Deck" Type.)

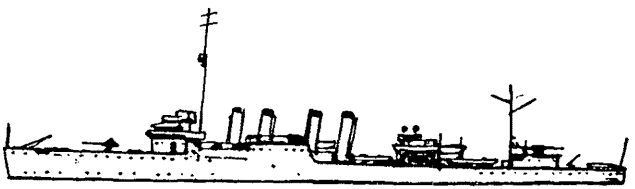
ST. CROIX
ST. FRANCIS

Description: Displacement: 1,190 tons.
Length: 311 feet (waterline).
Beam: 30⅔ feet.
Draft: 9¼ feet (mean).
Speed: 35 knots.

Guns:
Torpedo tubes:

ROYAL CANADIAN NAVY

Destroyers
Annapolis Class



"Flush Deck" Type

Annapolis Class

ANNAPOLIS	NIAGARA
COLUMBIA	ST. CLAIR

Description: Displacement: 1,060 tons.
Length: 309 feet (waterline).
Beam: 30½ feet.
Draft: 8½ feet (mean).
Speed: 35 knots.

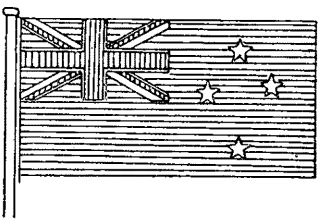
Guns:

Torpedo tubes:

Note: Acquired from United States Navy in September 1940; of the "Flush Deck" Type.

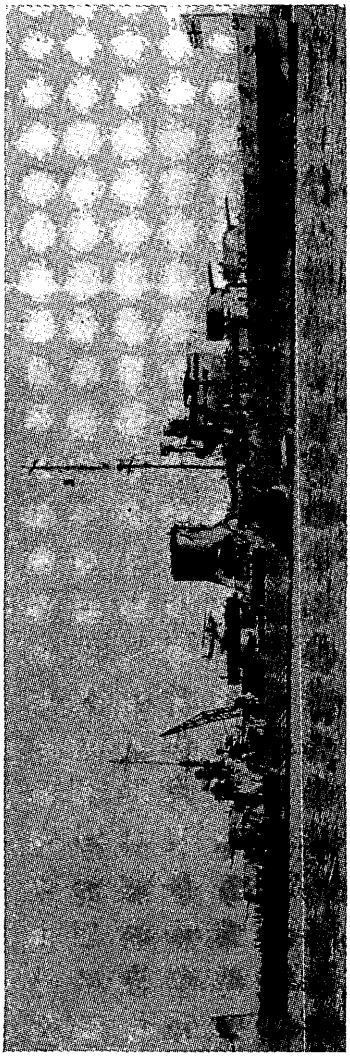
SECTION VI

NEW ZEALAND NAVY



Ensign, New Zealand Navy

NEW ZEALAND NAVY



Cruiser ACHILLES.

Achilles Class

(Also listed under British Navy)

ACHILLES (7,030 tons)
LEANDER (7,270 tons)

Description: Displacement: As above.
Length: 554½ feet (over-all).
Beam: 55⅔ feet.
Draft: 15½ feet (mean).
Speed: 32.5 knots.

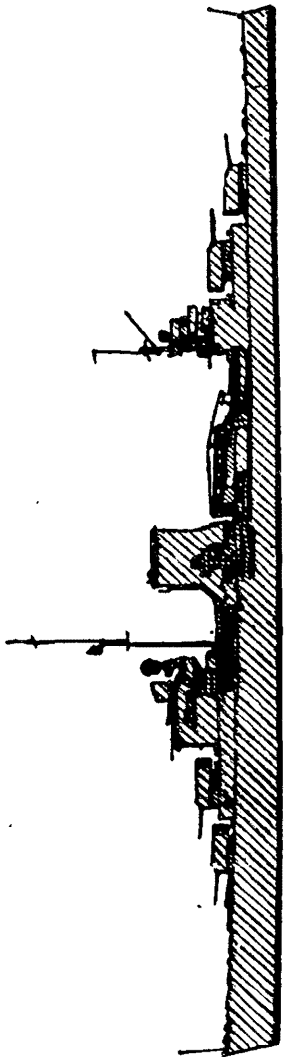
Guns: 8—6-inch.
8—4-inch AA. (4 in ACHILLES).
4—3-pounder.
10 smaller.

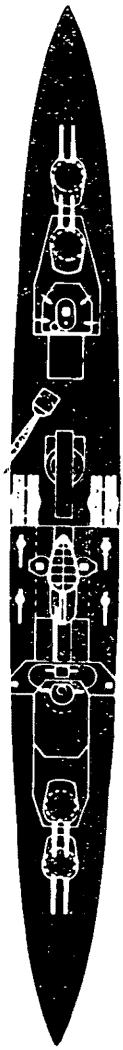
Torpedo tubes: 8—21-inch (quadrupled).

Aircraft: 1. Catapults: 1

Note: The ACHILLES and LEANDER were transferred from the British Royal Navy. (See p. 95.)

NEW ZEALAND NAVY





Leander Class.
(Crane is actually mounted on center line and AA guns are paired.)

Cruisers
Achilles Class



Cruiser LEANDER.

INDEX TO SHIPS

	Page
Abdiel	129
Aberdare	203
Aberdeen	194
Abingdon	203
Achates	149
Achilles	95, 243
Active	149
Adelaide	223
Adventure	127
Ajax	95
Albatross	209
Albury	203
Alresford	203
Amazon	153
Ambuscade	153
Annapolis	240
Anson	15
Antelope	149
Anthony	149
Arethusa	91
Argus	211
Ark Royal	43
Arrow	149
Arunta	228
Ashanti	135
Assiniboine	236
Atherstone	174
Auckland	192
Aurora	91
Australia	215
Bagshot	203
Bangor	201
Barham	27
Bath	173
Beagle	149
Beaumaris	201
Bedouin	135
Belfast	83
Belmont	173
Berkeley	174
Berwick	71
Beverley	173
Bideford	196
Birmingham	87
Blackpool	201
Black Swan	191
Blyth	201
Boadicea	149
Bonaventure	79
Boreas	149
Boston	201
Bradford	173
Bramble	202
Bridgewater	196
Bridlington	201
Bridport	201
Brighton	173
Brilliant	149
Britomart	202
Broadwater	173
Broadway	173
Broke	159
Bulldog	149
Burnham	173
Burwell	173
Buxton	173
Cachalot	180
Cairo	123
Calcutta	123
Caldwell	173
Caledon	115
Cameron	173
Campbell	161
Campbeltown	173
Canberra	215
Capetown	111
Caradoc	115
Cardiff	111
Carlisle	123
Castleton	173
Cattistock	174
Ceres	111
Ceylon	75
Charlestown	173
Charybdis	79
Chelsea	173
Chesterfield	173
Churchill	173
Clare	173
Cleopatra	79
Cleveland	174
Clive	234
Clyde	181
Codrington	151
Colombo	111
Columbia	240
Cornwall	71
Cornwallis	231
Cossack	135
Cotswold	174
Cottesmore	174
Coventry	119

	Page
Cromarty	201
Cumberland	71
Curacoa	123
Dainty	147
Danae	107
Dauntless	107
Decoy	147
Defender	147
Delhi	107
Deptford	195
Derby	203
Despatch	107
Devonshire	67
Diamond	147
Dido	79
Diomede	107
Dorsetshire	63
Douglas	161
Dragon	107
Duke of York	15
Dunbar	201
Duncan	143
Dunedin	107
Durban	107
Eagle	51
Echo	145
Eclipse	145
Edinburgh	83
Eglinton	174
Egret	192
Electra	145
Elgin	203
Emerald	99
Enchantress	193
Encounter	145
Enterprise	99
Erebus	207
Erne	191
Escapade	145
Eskimo	135
Euryalus	79
Exeter	59
Exmoor	174
Express	145
Falmouth	196
Fame	145
Fareham	203
Faulknor	143
Fearless	145
Fermoy	203
Fernie	174
Fiji	75
Firedrake	145
Flamingo	191
Fleetwood	194
Formidable	39
Foresight	145
Forester	145
Forth	212
Fortune	145
Fowey	196
Foxglove	197
Foxhound	145
Frobisher	103
Furious	47
Fury	145
Galatea	91
Gallant	139
Gambia	75
Garland	139
Garth	174
Georgetown	173
Glasgow	87
Gleaner	202
Gloucester	87
Gossamer	202
Greyhound	139
Griffin	139
Grimsby	195
Guillemot	198
H28, H31, H32, H33, H34, H43, H44, H50	189
Halcyon	202
Hambledon	174
Hamilton	173
Harrier	202
Harrow	203
Hastings	196
Hasty	139
Havock	139
Hawkins	103
Hazard	202
Hebe	202
Hereward	139
Hermes	55
Hermione	79
Hero	139
Hindustan	232
Hobart	219
Holderness	174
Hotspur	139
Howe	15
Huntly	203
Hussar	202
Ibis	191
Icarus	137
Ilex	137
Ilfracombe	201
Illustrious	39
Imperial	137

	Page
Implacable	39
Impulsive	137
Indefatigable	39
Indomitable	39
Indus	232
Inglefield	141
Intrepid	137
Iron Duke	206
Isis	137
Jackal	133
Jaguar	133
Jamaica	75
Janus	133
Jason	202
Javelin	133
Jersey	133
Jervis	133
Juno	133
Jupiter	133
Kandahar	133
Kashmir	133
Kelly	133
Kelvin	133
Kent	71
Kenya	75
Keppel	159
Khartoum	133
Kimberley	133
Kingfisher	199
King George V	15
Kingston	133
Kipling	133
Kittiwake	199
L23, L26, L27	185
Laforey	131
Lancaster	173
Lance	131
Larne	131
Latonia	129
Laurent	237
Lawrence	233
Leamington	173
Leander	95, 243
Leda	202
Leeds	173
Legion	131
Leith	195
Lewes	173
Lightning	131
Lincoln	173
Lively	131
Liverpool	87
Llandudno	201
London	67
Londonderry	195
Lookout	131
Lowestoft	195
Loyal	131
Ludlow	173
Lupin	197
Lydd	203
Mackay	161
Maidstone	212
Malaya	27
Malcolm	161
Mallard	199
Manchester	87
Mansfield	173
Manxman	129
Maori	135
Marksman	131
Marne	131
Marshal Soult	208
Martin	131
M. A. S. B. 1 to 6	178
Mashona	135
Matabele	135
Matchless	131
Mauritius	75
Mendip	174
Meteor	131
Meynell	174
Milford	196
Milne	131
M. M. S. 1, 2	204
Mohawk	135
Montgomery	173
Montrose	161
Musketeer	131
Myrmidon	131
Naiad	79
Napier	133
Nelson	19
Neptune	95
Nerissa	133
Nestor	133
Newark	173
Newcastle	87
Newmarket	173
Newport	173
Niagara	240
Niger	202
Nigeria	75
Nizam	133
Noble	133
Nonpareil	133
Norfolk	63
Norman	133
Norseman	133
Nubian	135
No. 1 to 12	177
No. 14 to 19	177
No. 22, 24, 25	175

	Page
No. 100	177
No. 101, 102, 103	176
Oberon	186
Olympus	184
Orion	95
Osiris	184
Ottawa	237
Otus	184
Otway	186
Pandora	183
Pangbourne	203
Parthian	183
P. C. 74	200
Pegasus	210
Pelican	192
Penelope	91
Perseus	183
Perth	219
Peterhead	201
Phoebe	79
Pintail	198
Polruan	201
Porpoise	180
Prince of Wales	15
Proteus	183
Puffin	199
Punjabi	135
Pytchley	174
Quantock	174
Queen Elizabeth	23
Quorn	174
Ramillies	31
Ramsey	173
Reading	173
Regent	182
Renown	35
Repulse	35
Resolution	31
Restigouche	237
Revenge	31
Rhyl	201
Richmond	173
Ripley	173
Rochester	196
Rockingham	173
Rodney	19
Romney	201
Rorqual	180
Rosemary	197
Ross	203
Rothesay	201
Rover	182
Roxborough	173
Royal Sovereign	31
Rye	201
Sabre	171
Saguenay	238
St. Albans	173
St. Clair	240
St. Croix	239
St. Francis	239
St. Mary's	173
Saladin	171
Salamander	202
Salisbury	173
Saltash	203
Saltburn	203
Sandwich	196
Sardonyx	171
Scimitar	171
Scout	171
Scylla	79
Seagull	202
Sealion	187
Seawolf	187
Selkirk	203
Severn	181
Sharpshooter	202
Shearwater	198
Sheffield	87
Sheldrake	199
Sherwood	173
Shikari	171
Shoreham	196
Shropshire	67
Sidmouth	201
Sikh	135
Sirius	79
Skate	169
Skeena	238
Snapper	187
Somali	135
Southampton	87
Southdown	174
Speedwell	202
Speedy	202
Stanley	173
Stoke	203
Stork	193
Stornoway	201
Stronghold	171
Stuart	229
Suffolk	71
Sunfish	187
Sussex	67
Sutton	203
Swan	226
Sydney	219
Taku	179
Talisman	179
Tartar	135
Tedworth	203
Tenby	201

	Page
Tenedos	171
Terror	207
Tetrarch	179
Thanet	171
Thracian	171
Thunderbolt	179
Tigris	179
Torbay	179
Tribune	179
Trinidad	75
Trinidad	75
Triton	179
Triumph	179
Truant	179
Tuna	179
Tynedale	174
Uganda	75
Unity	188
Ursula	188
Valiant	28
Valorous	190
Vampire	227
Vanessa	165
Vanity	165
Vanoc	165
Vanquisher	165
Vansittart	155
Vega	190
Velox	165
Vendetta	227
Venomous	155
Verdun	165
Verity	155
Versatile	165
Vesper	165
Veteran	155
Viceroy	167
Victorious	39
Vidette	165
Vimiera	190
Vimy	165
Vindictive	205
Viscount	167
Vivacious	165
Vivien	190
Volunteer	155
Vortigern	165
Voyager	227
Walker	163
Wallace	190
Walpole	163
Wanderer	155
Warramunga	228
Warspite	28
Warwick	163
Watchman	163
Waterhen	227
Wellington	195
Wells	173
Welshman	129
Westcott	163
Westminster	190
Weston	196
Whaddon	174
Whitehall	155
Whitshed	155
Widgeon	199
Widnes	203
Wild Swan	155
Winchelsea	163
Winchester	190
Windsor	190
Wishart	157
Witch	157
Witherington	155
Wivern	155
Wolfhound	163
Wolsey	190
Wolverine	155
Woolston	190
Worcester	155
Wrestler	190
Wryneck	190
Yarra	226
Zulu	135