

FM 30-53

2-2

WAR DEPARTMENT

BASIC FIELD MANUAL



MILITARY INTELLIGENCE

IDENTIFICATION OF
FRENCH NAVAL VESSELS

March 7, 1942

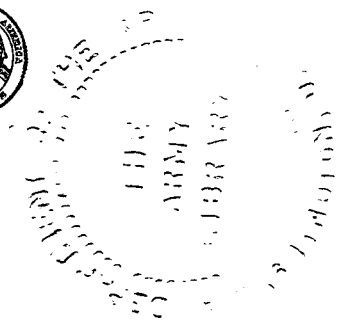
FM 30-53

BASIC FIELD MANUAL



MILITARY INTELLIGENCE

**IDENTIFICATION OF
FRENCH NAVAL VESSELS**



**UNITED STATES
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WASHINGTON : 1942**

WAR DEPARTMENT,
WASHINGTON, March 7, 1942.

FM 30-53, Military Intelligence, Identification of French Naval Vessels, 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:

J. A. ULIO,

Major General,

The Adjutant General.

DISTRIBUTION:

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

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FM 30-53

TABLE OF CONTENTS

	Page
Battleships	2
Aircraft carrier	22
Seaplane tender	26
Cruisers:	
Heavy	30
Light	46
Destroyer leaders	62
Destroyers	73
Submarines	80
APPENDIX I. List of ships	89
II. French naval guns	91
INDEX	92

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FM 30-53

BASIC FIELD MANUAL

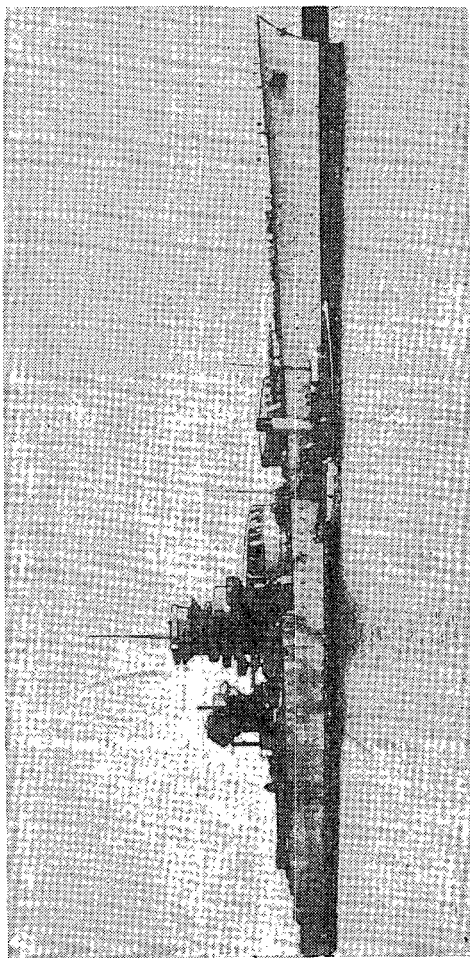
MILITARY INTELLIGENCE

IDENTIFICATION OF FRENCH NAVAL VESSELS

The material contained in this manual has been secured from many sources. It is the best material available but may be incomplete.

This manual, containing illustrations with explanatory data relative to French naval vessels, is published for limited distribution. It will be used for instruction of officers and men in the appearance and general characteristics of French naval vessels and will be safeguarded as prescribed in AR 380-5.

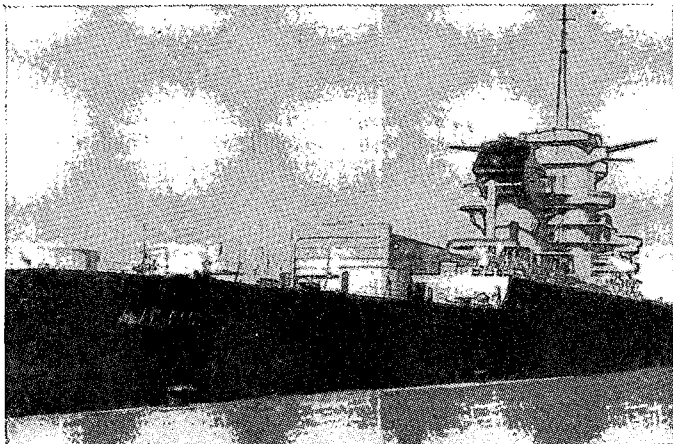
FRENCH
NAVY



Battleship JEAN BART (June 23, 1940—partially completed)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships
RICHELIEU CLASS
(2 ships)



Battleship JEAN BART (as of December 1940)

Under French control
RICHELIEU (damaged)
JEAN BART (77 percent completed)

Description:

Displacement, 35,000 tons (standard).
Length, 794 feet.
Beam, 108 $\frac{1}{4}$ feet.
Draft, 26 $\frac{1}{2}$ feet (mean).
Speed, 31.5 knots.

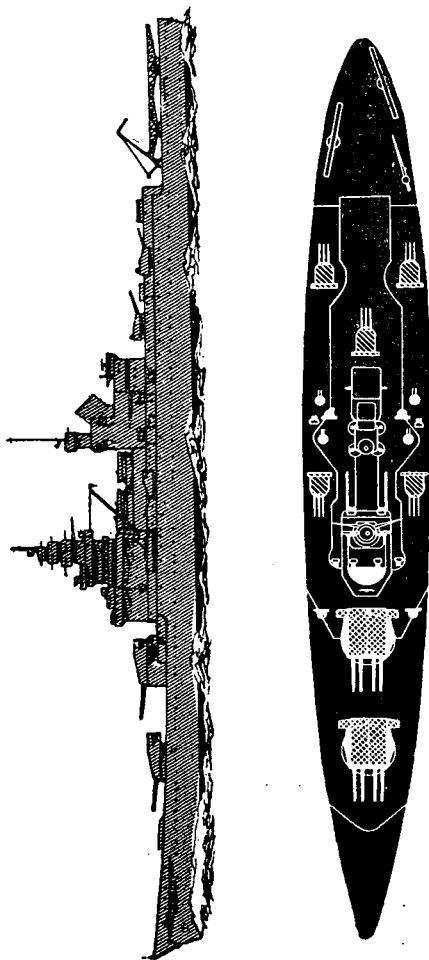
Guns: 8 15-inch.
 15 6-inch.
 12 37-mm AA.
 24 caliber .50 AA MG.

Torpedo tubes: None.

Aircraft: 4.

Catapults: 2.

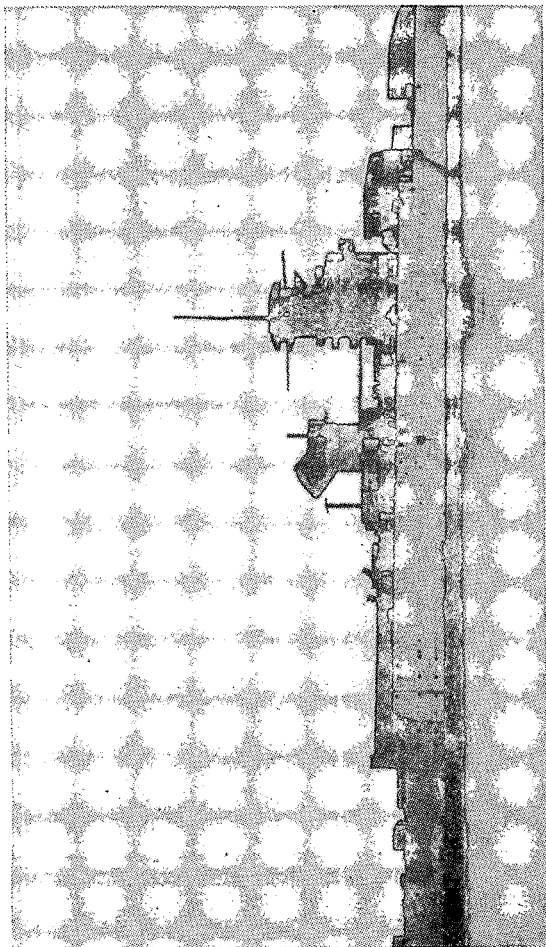
FRENCH
NAVY



Battleships RICHHELIEU and JEAN BART

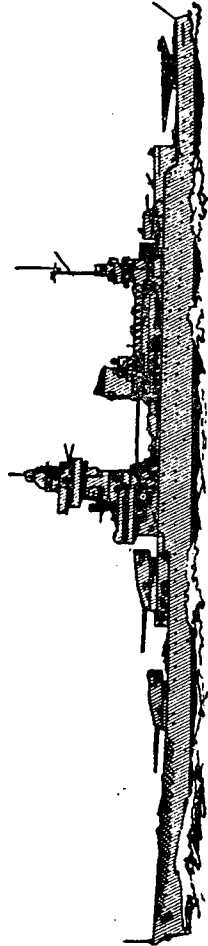
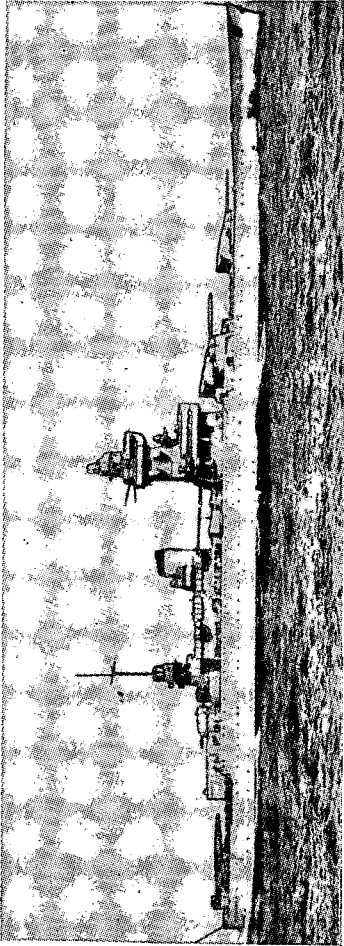
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships
RICHELIEU CLASS



Battleship JEAN BART (June 1940)

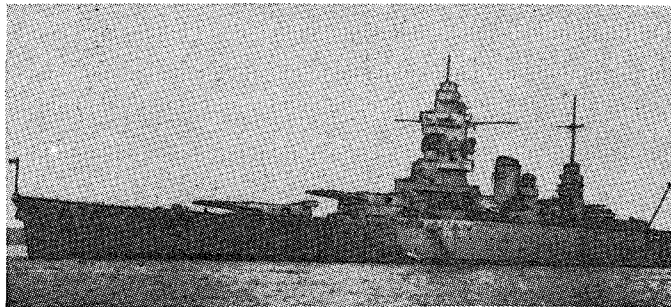
FRENCH
NAVY



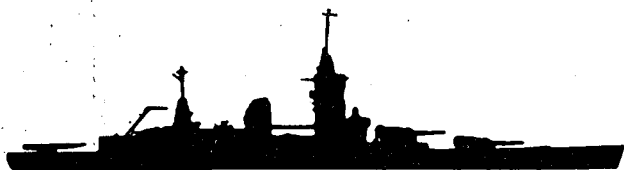
Battleship STRASBOURG

IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships DUNKERQUE CLASS (2 ships)



Battleship DUNKERQUE



DUNKERQUE CLASS

Under French control
DUNKERQUE (damaged)
STRASBOURG

Description: Displacement, 26,500 tons (standard).
Length, 702 feet (over all).
Beam, 101 $\frac{3}{4}$ feet.
Draft, 28 feet (mean).
Speed, 29.5 knots.

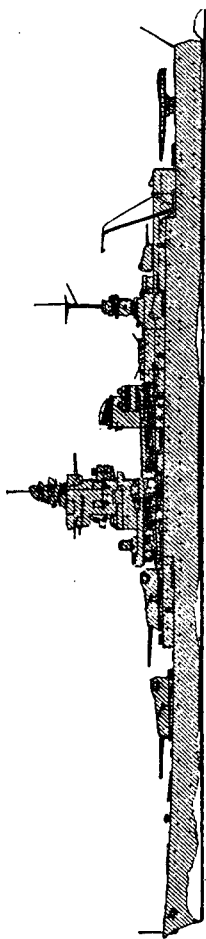
Guns: 8 13-inch.
16 5.1-inch (dual purpose).
4 47-mm.
10 37-mm AA.
32 caliber .50 AA MG.

Torpedo tubes: None.

Aircraft: 4.

Catapults: 1 (on quarter-deck).

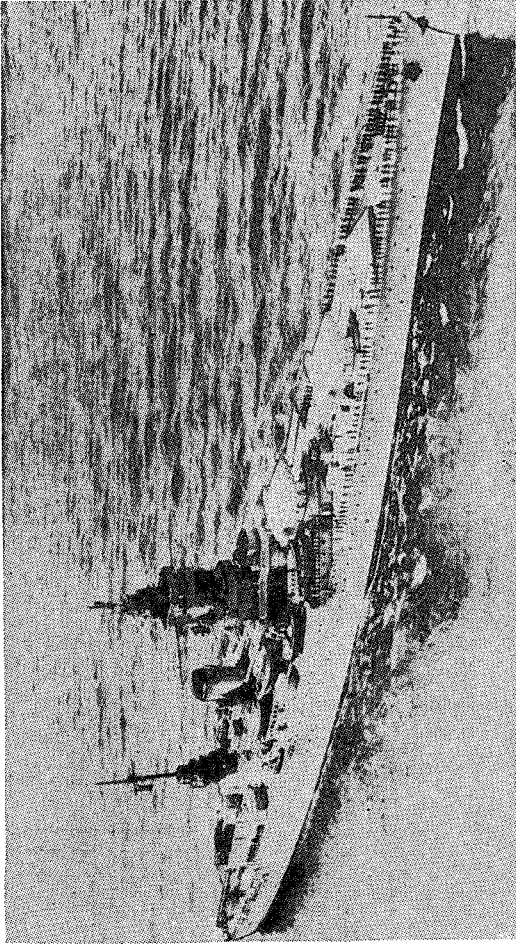
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Battleship DUNKERQUE

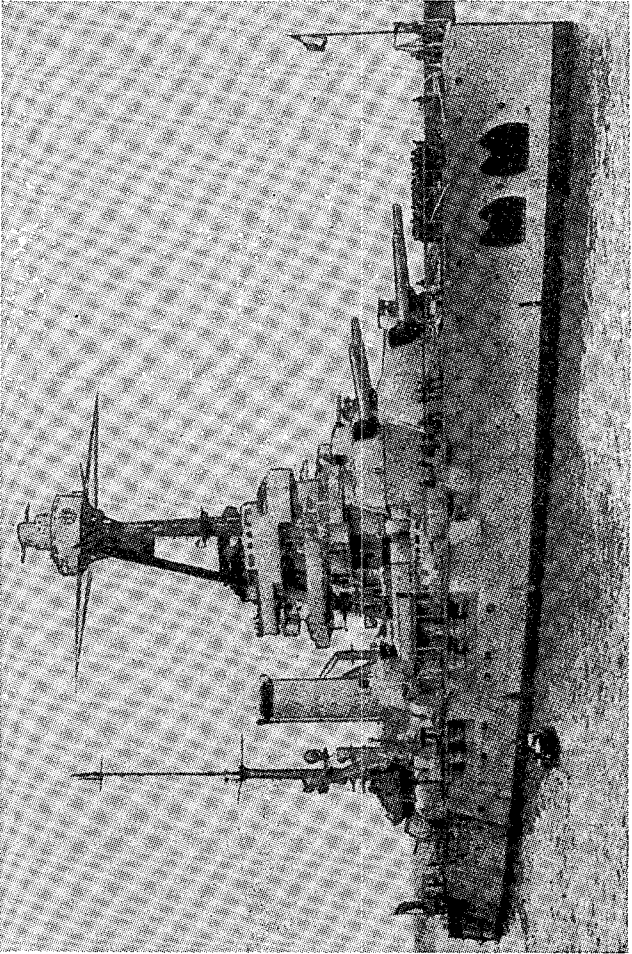
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships
DUNKERQUE CLASS



Battleship DUNKERQUE

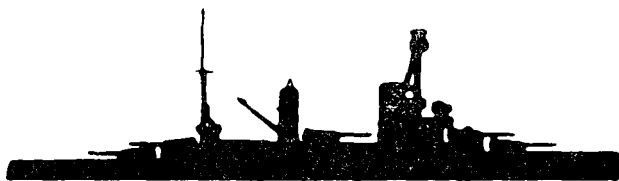
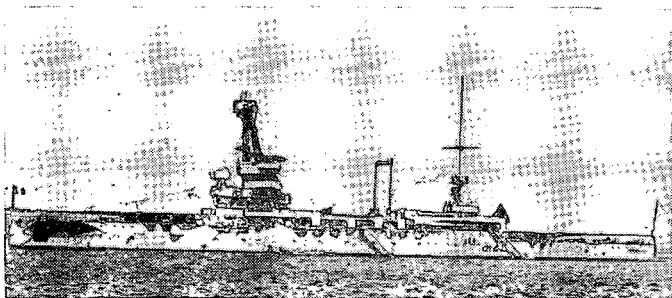
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Battleship PROVENCE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleship
PROVENCE



Battleship PROVENCE

Under French control
PROVENCE

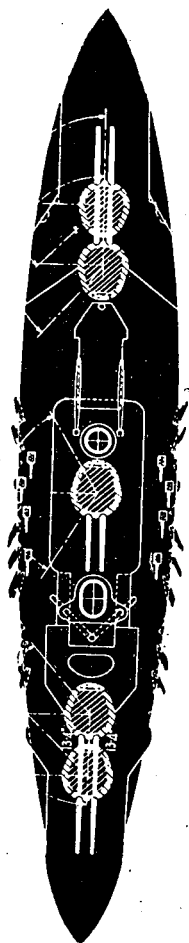
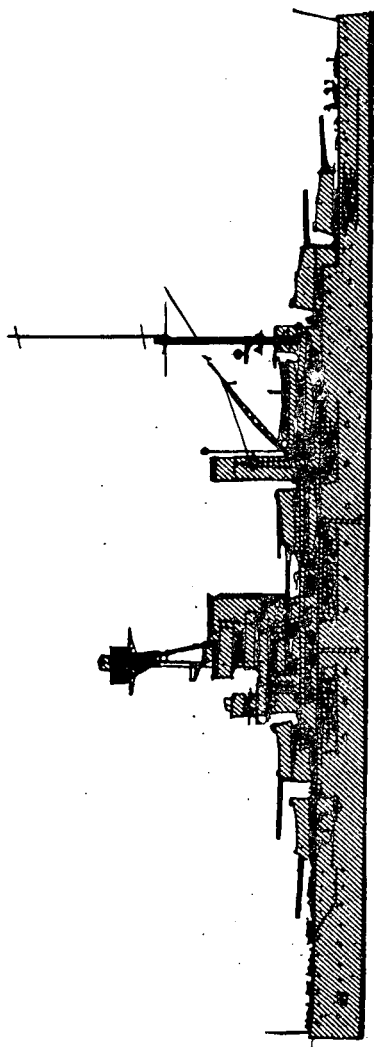
Description: Displacement, 22,189 tons (standard).
Length, 544½ feet (over all).
Beam, 88½ feet.
Draft, 32 feet (maximum).
Speed, 21.4 knots.

Guns: 10 13.4-inch.
14 5.4-inch.
8 3-inch AA.
12 Caliber .50 AA MG.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4.

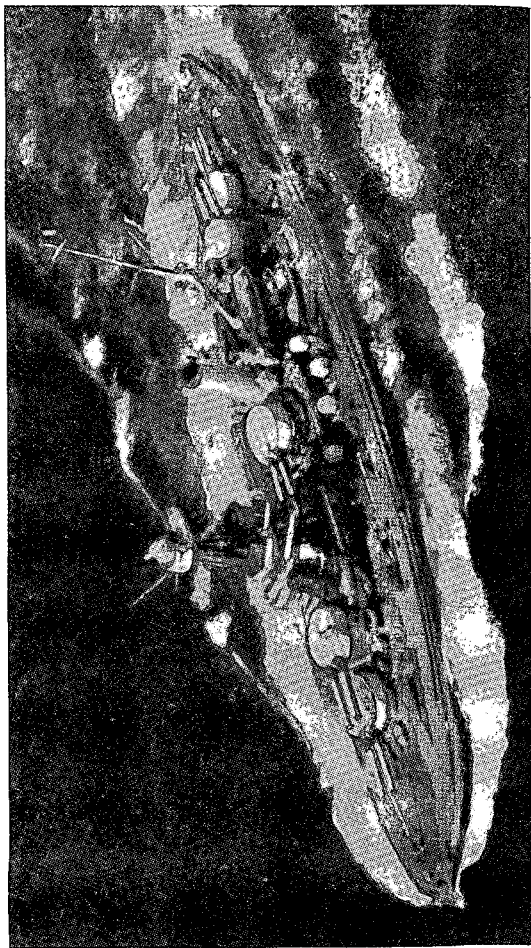
FRENCH
NAVY



Battleship PROVENCE

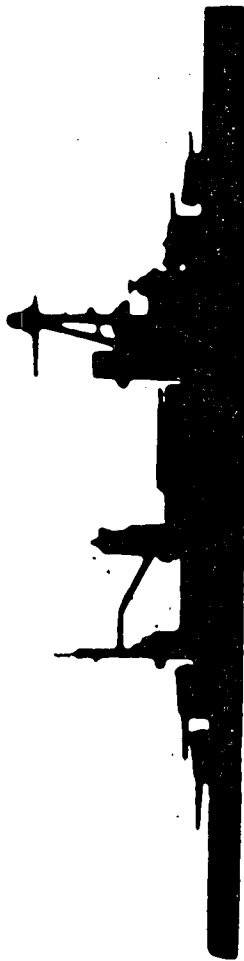
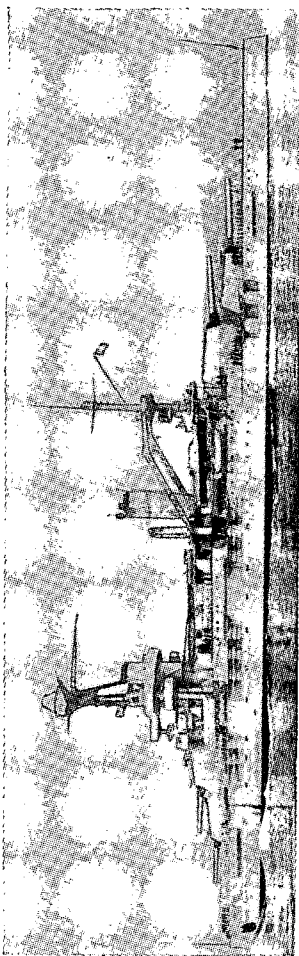
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleship
PROVENCE



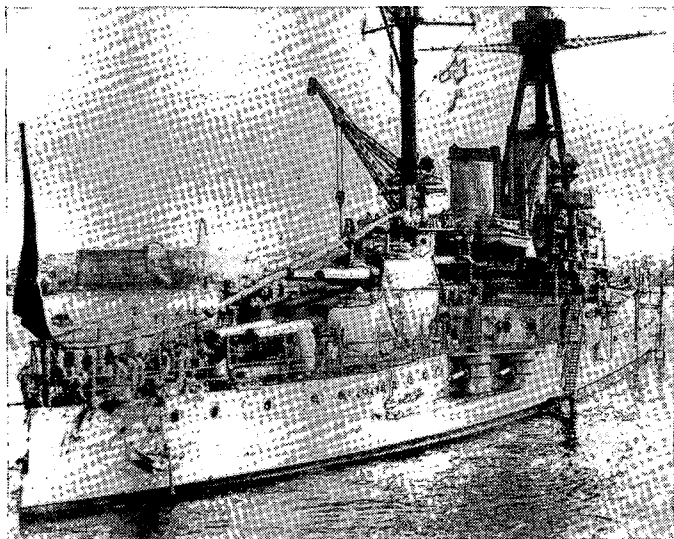
Battleship PROVENCE

FRENCH
NAVY



Battleship LORRAINE

Battleship
LORRAINE



Battleship LORRAINE

Not under French control
LORRAINE

Description: Displacement, 22,189 tons (standard).
Length, 544½ feet (over all).
Beam, 88½ feet.
Draft, 32 feet (maximum).
Speed, 21.4 knots.

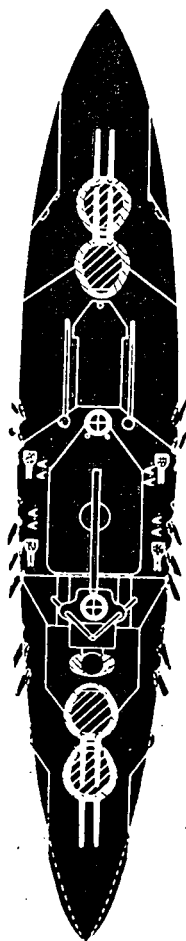
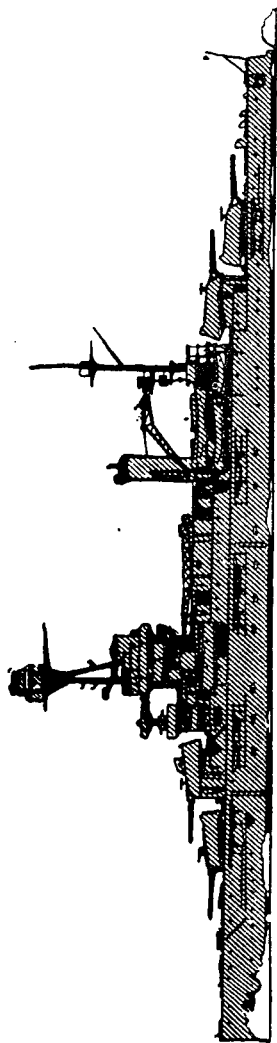
Guns: 8 13.4-inch.
14 5.4-inch.
8 3.9-inch AA.
8 caliber .50 AA MG.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4

Catapults: 1

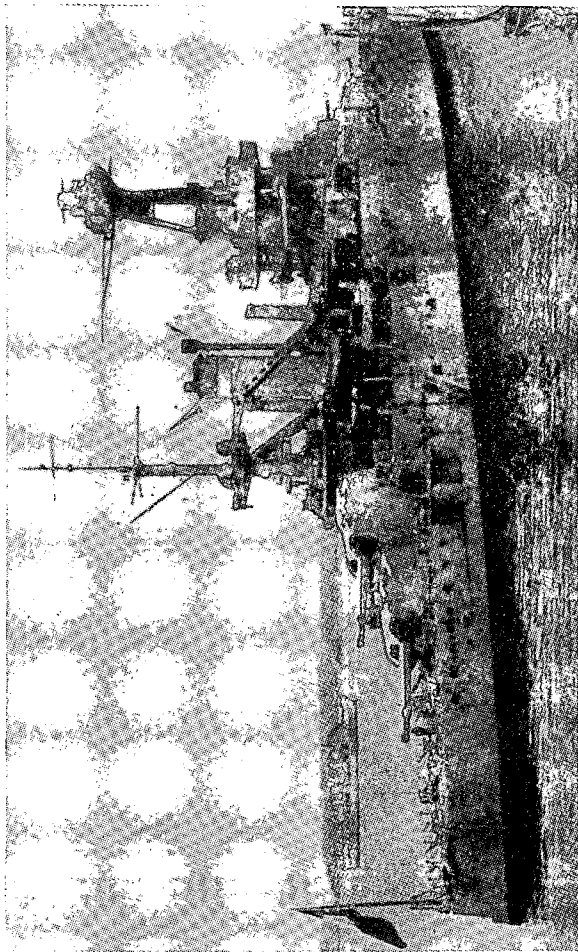
FRENCH
NAVY



Battleship LORRAINE

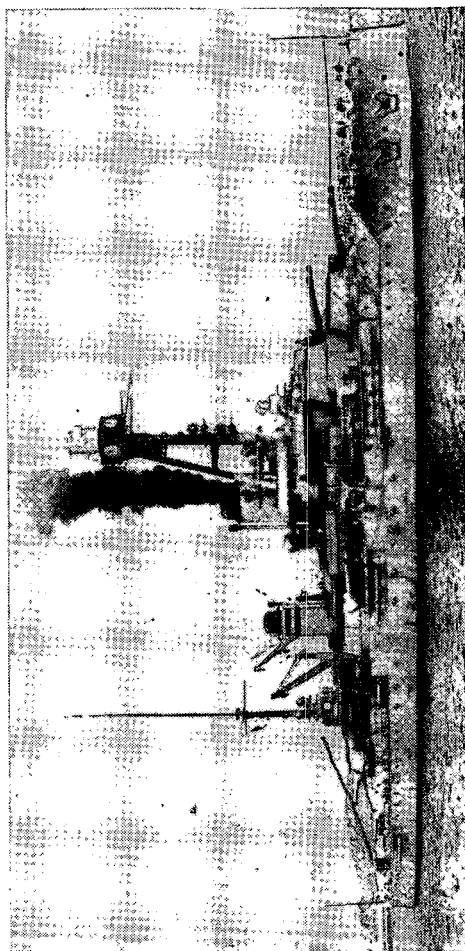
IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleship
LORRAINE



Battleship LORRAINE

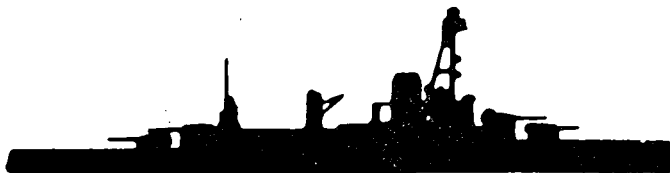
FRENCH
NAVY



Battleship COURBET

IDENTIFICATION OF FRENCH NAVAL VESSELS

Battleships
PARIS CLASS
(2 ships)



Battleships PARIS CLASS

Not under French control
PARIS
COURBET

Description: Displacement, 22,189 tons (standard).
Length, 551 feet (over all).
Beam, 92½ feet.
Draft, 32½ feet (maximum).
Speed, 21.4 knots.

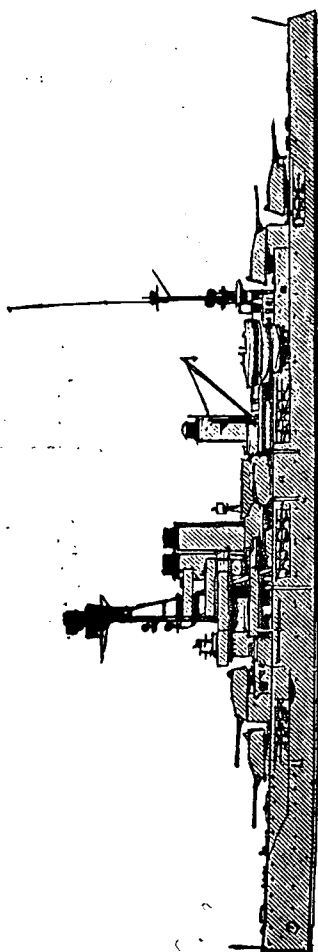
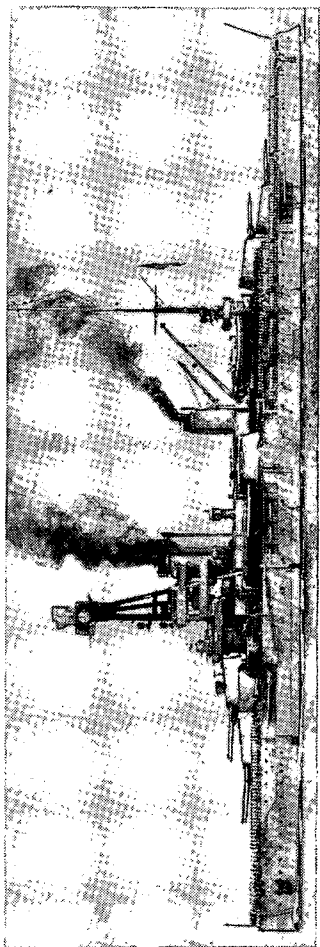
Guns: 12 12-inch.
22 5.4-inch.
7 3-inch AA.
2 47-mm AA.

Torpedo tubes: 2 bow; 2 stern; 1 each side.

Aircraft: 4.

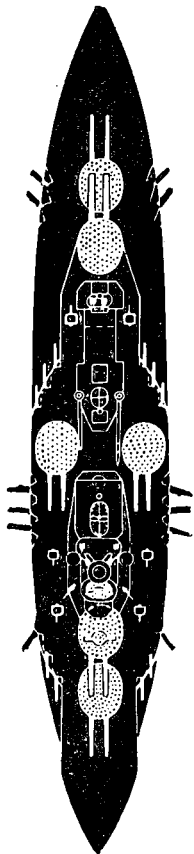
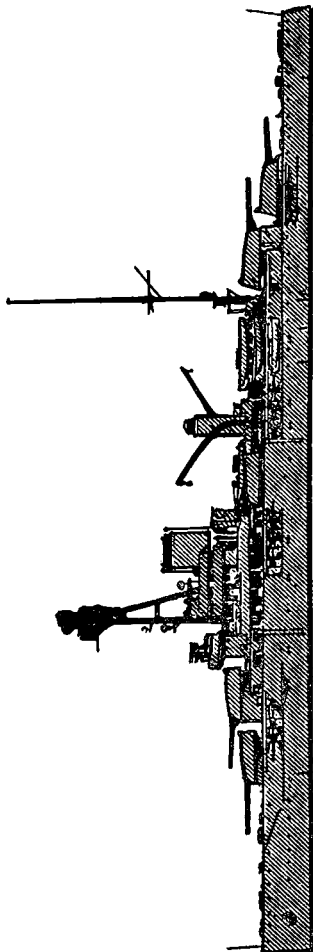
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FRENCH
NAVY



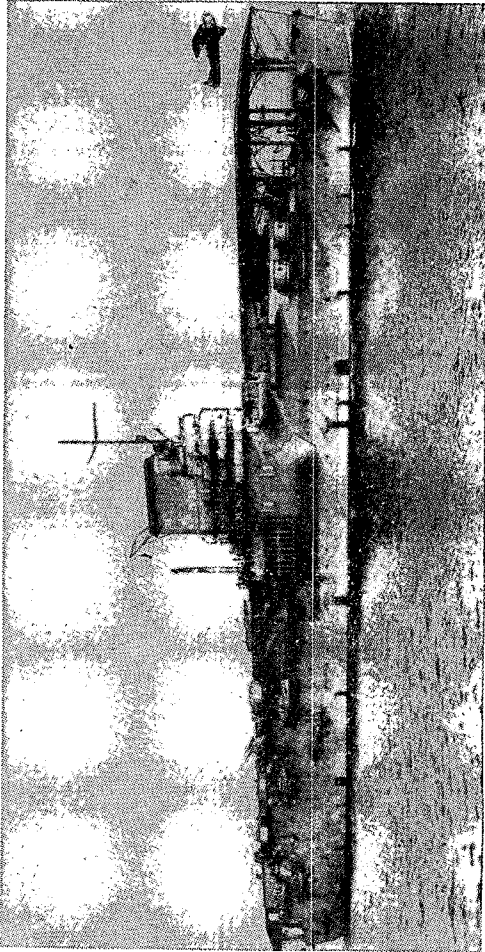
Battleship PARIS

Battleships
PARIS CLASS



Battleship COURBET (cranes should be as in PARIS, not as shown)

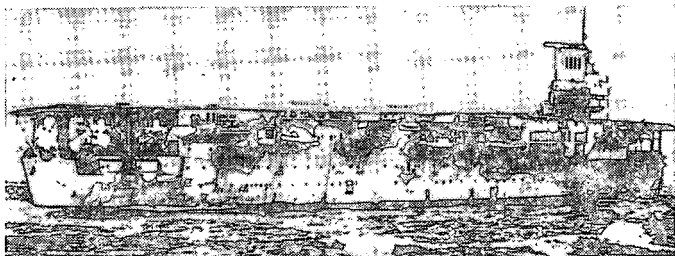
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NAVY



Aircraft Carrier BÉARN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Aircraft Carrier
BÉARN



Aircraft Carrier BÉARN

Under French control
BÉARN

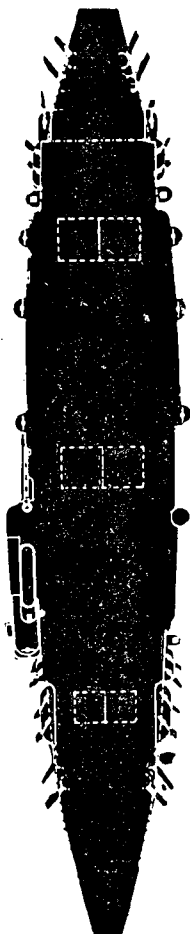
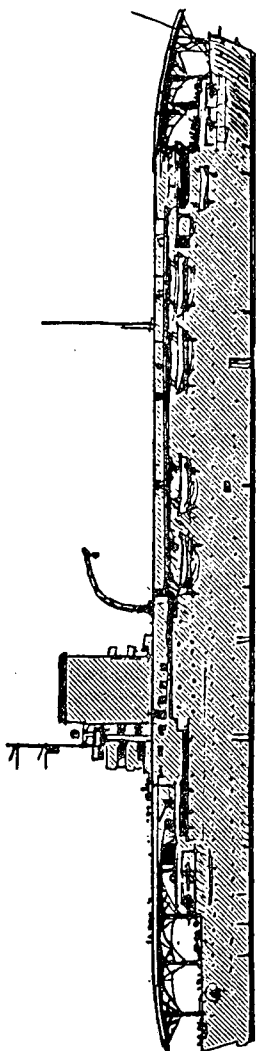
Description: Displacement, 22,146 tons (standard).
 Length, 599 feet (over all).
 Beam, 89 feet (115½ feet, extreme).
 Draft, 30½ feet (maximum).
 Speed, 21.5 knots.

Guns: 8 6.1-inch.
 6 3-inch AA.
 8 37-mm AA.

Torpedo tubes: 4 21.7-inch.

Aircraft: 36 to 48.

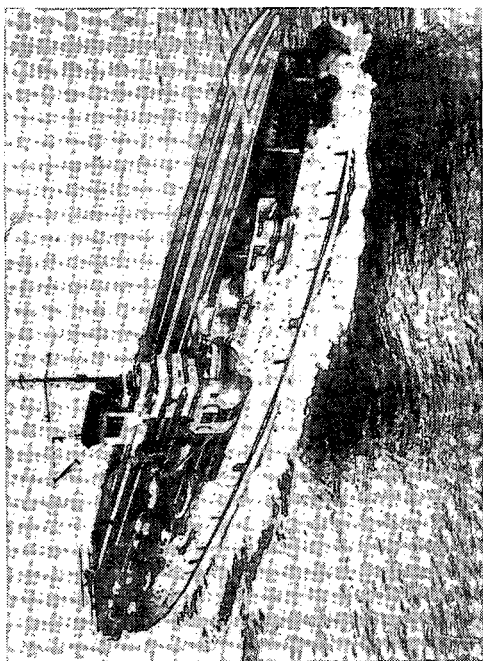
FRENCH
NAVY



Aircraft Carrier BÉARN

IDENTIFICATION OF FRENCH NAVAL VESSELS

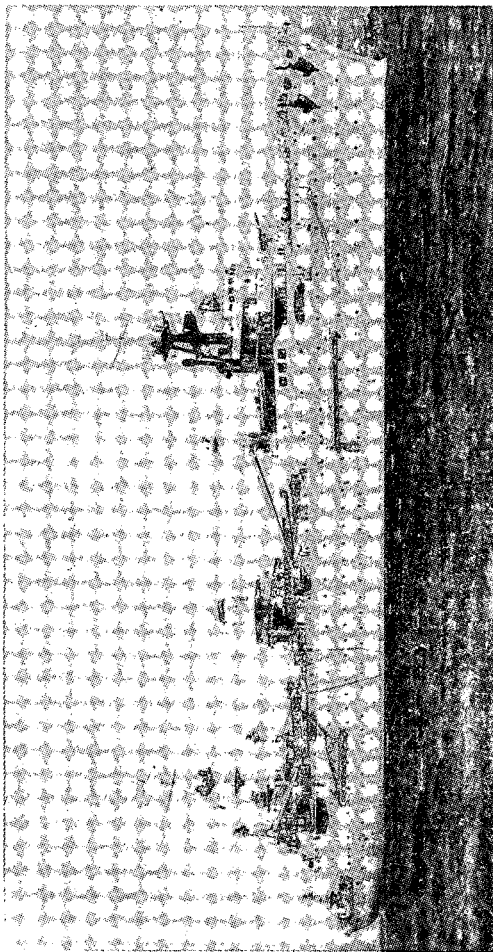
Aircraft Carrier
BÉARN



Aircraft Carrier BÉARN

MILITARY INTELLIGENCE

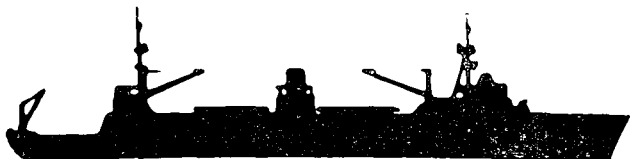
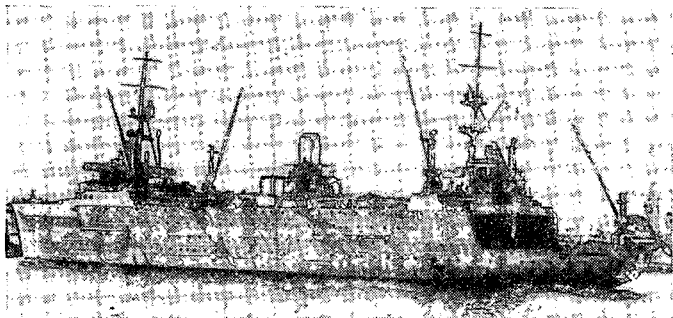
FRENCH
NAVY



Seaplane Tender COMMANDANT TESTE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Seaplane Tender
COMMANDANT TESTE



Seaplane Tender COMMANDANT TESTE

Under French control
COMMANDANT TESTE

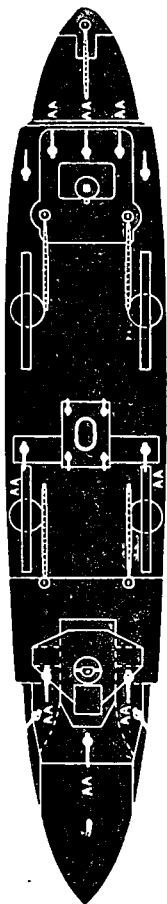
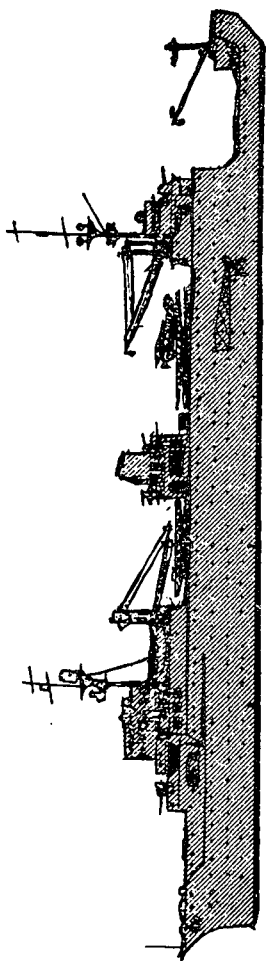
Description: Displacement, 10,000 tons (standard).
Length, 558 feet (over all).
Beam, 71½ feet (88½ feet, extreme).
Draft, 22¾ feet.
Speed, 20.5 knots.

Guns: 12 3.9-inch AA.
8 1.50-inch AA.
12 caliber .50 AA MG.

Aircraft: 26.

Catapults: 4.

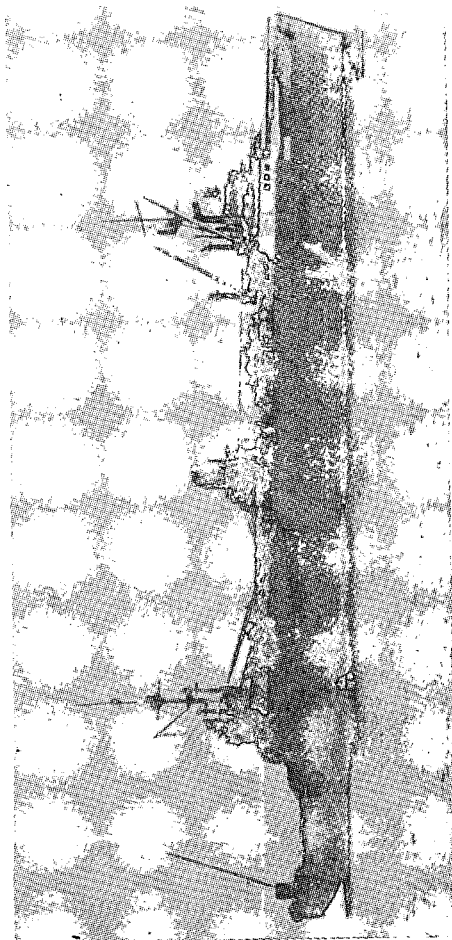
FRENCH
NAVY



Seaplane Tender COMMANDANT TESTE

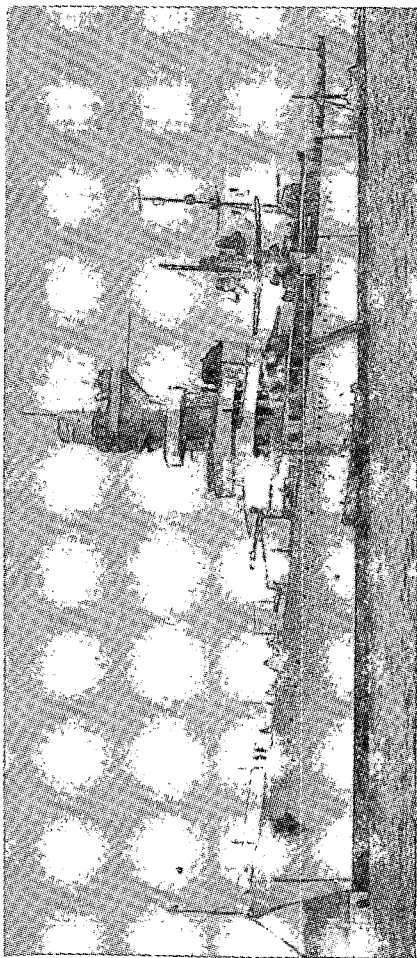
IDENTIFICATION OF FRENCH NAVAL VESSELS

Seaplane Tender
COMMANDANT TESTE



Seaplane Tender COMMANDANT TESTE

FRENCH
NAVY



Heavy Cruiser ALGÉRIE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser
ALGÉRIE



Heavy Cruiser ALGÉRIE

Under French control
ALGÉRIE

Description: Displacement, 10,000 tons (standard).
Length, 617 feet (over all).
Beam, 65 $\frac{2}{3}$ feet.
Draft, 24 feet (maximum).
Speed, 32 knots.

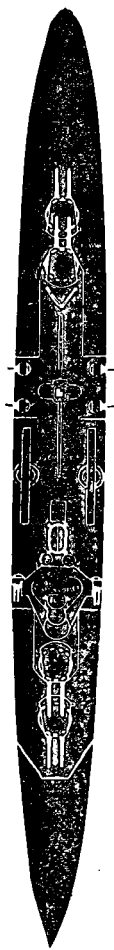
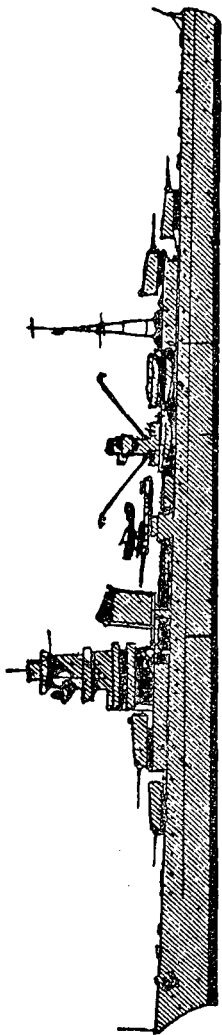
Guns: 8 8-inch.
12 3.9-inch AA.
8 37-mm AA.
16 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 3.

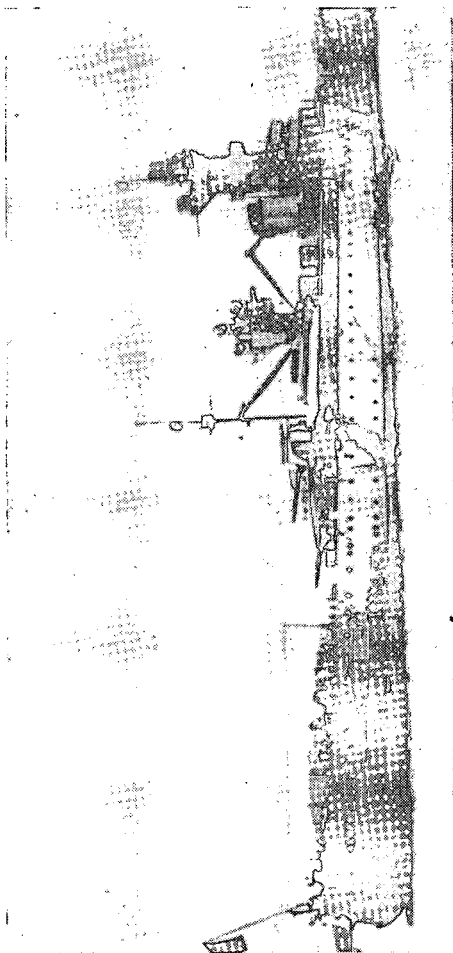
Catapults: 2.

FRENCH
NAVY



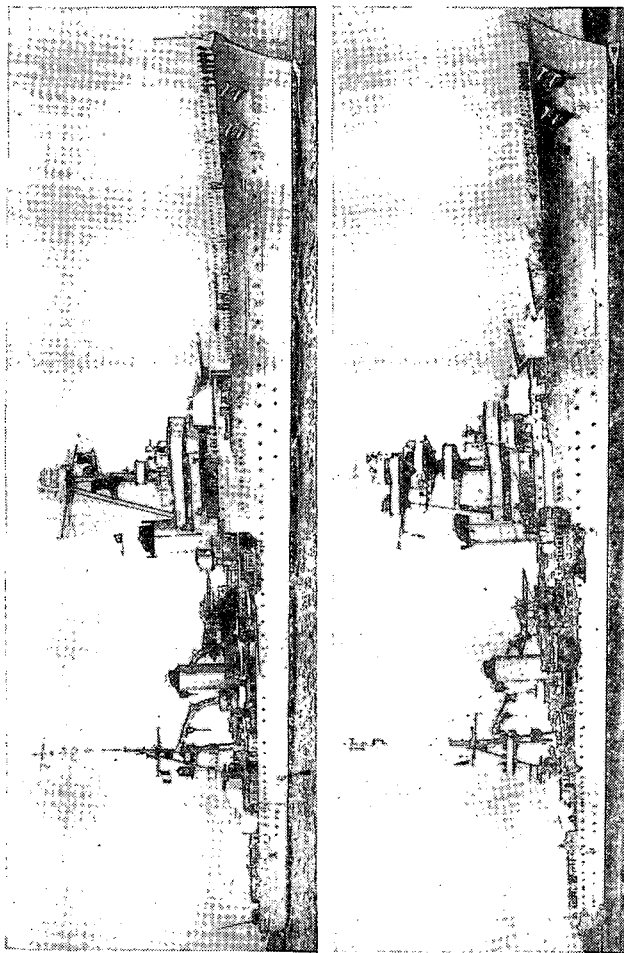
Heavy Cruiser ALGÉRIE

Heavy Cruiser
ALGÉRIE



Heavy Cruiser ALGÉRIE

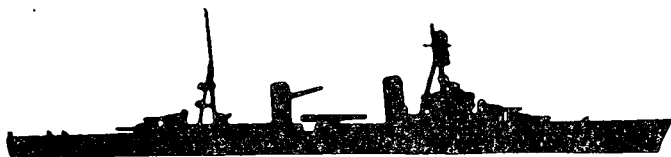
FRENCH
NAVY



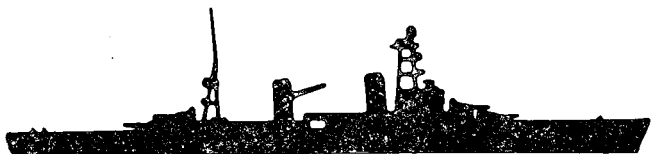
Heavy Cruisers DUPLEX (upper) and FOCH (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers
COLBERT CLASS



Heavy Cruisers DUPLEIX and COLBERT



Heavy Cruiser FOCH

Under French control
DUPLEIX
FOCH
COLBERT

Description: Displacement, 10,000 tons (standard).
Length, 637 feet (over all).
Beam, 63½ feet.
Draft, 24½ feet (maximum).
Speed, 32 knots.

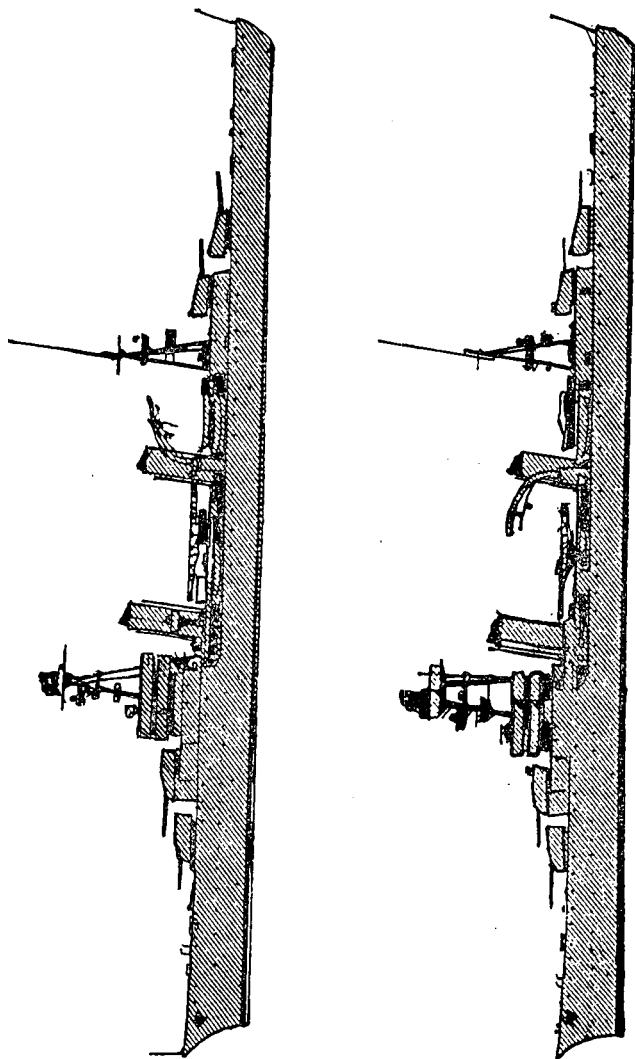
Guns: 8 8-inch.
8 3.5-inch AA.
8 37-mm AA.
16 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 3.

Catapults: 2.

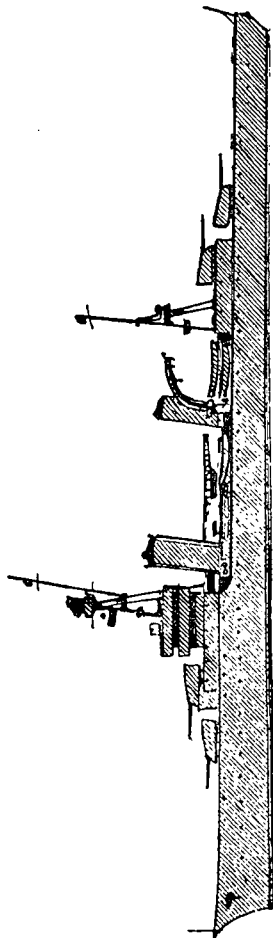
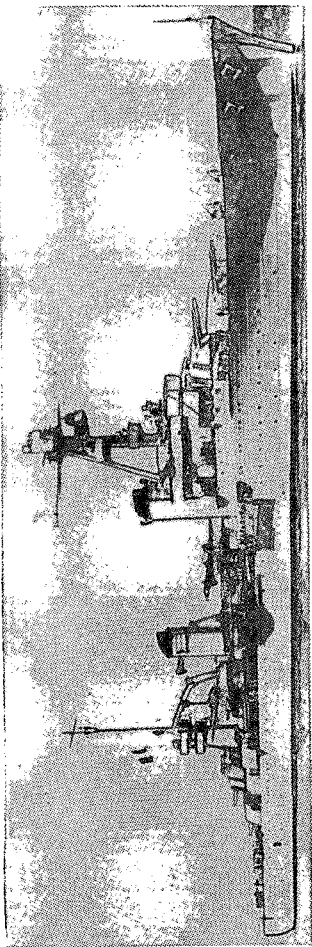
FRENCH
NAVY



Heavy Cruisers DUPLEX (upper) and FOCH (lower)

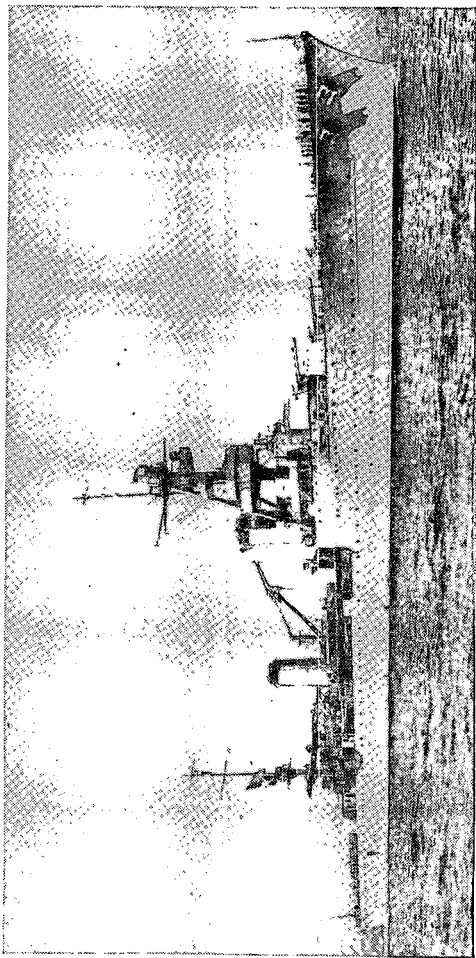
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers
COLBERT CLASS



Heavy Cruiser COLBERT

FRENCH
NAVY



Heavy Cruiser SUFFREN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser
SUFFREN

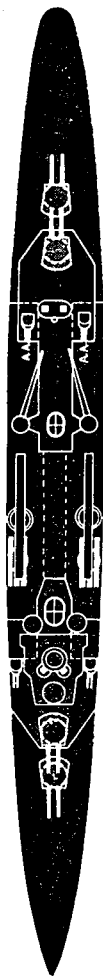
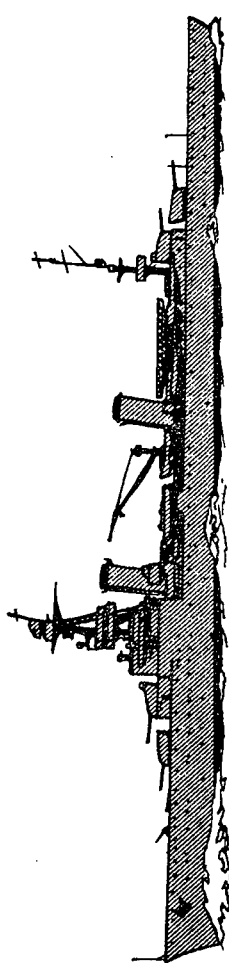


Heavy Cruiser SUFFREN

Not under French control
SUFFREN

- Description: Displacement, 10,000 tons (standard).
Length, 643 feet (over all).
Beam, 65 $\frac{2}{3}$ feet.
Draft, 24 $\frac{1}{2}$ feet (maximum).
Speed, 32 knots.
- Guns: 8 8-inch.
8 3-inch AA.
8 37-mm AA.
12 caliber .50 AA MG.
- Torpedo tubes: 6 21.7-inch (tripled).
- Aircraft: 3.
- Catapults: 2.
- Appearance note: Similar in design to COLBERT CLASS.

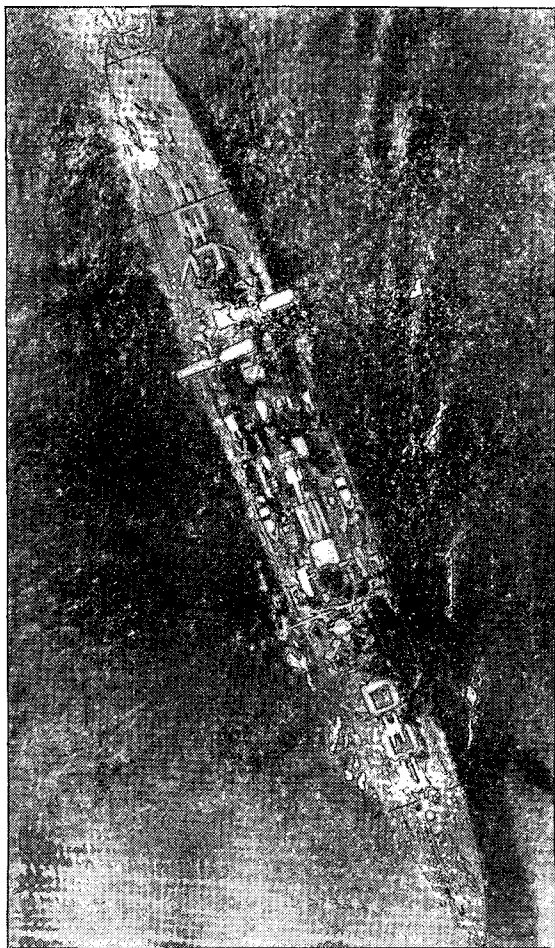
FRENCH
NAVY



Heavy Cruiser SUFFREN

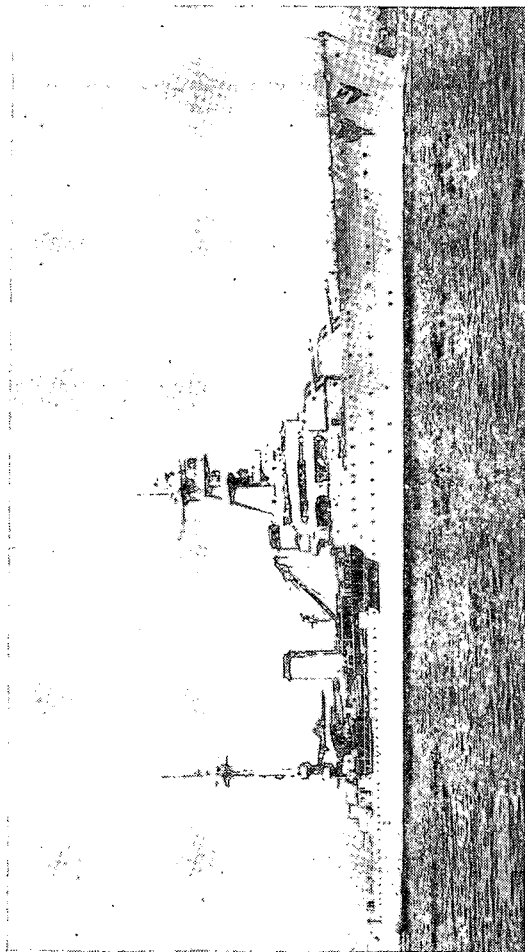
IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruiser
SUFFREN



Heavy Cruiser SUFFREN

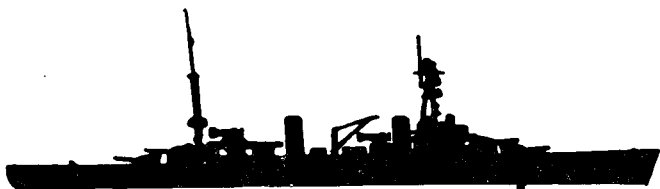
FRENCH
NAVY



Heavy Cruiser TOURVILLE

IDENTIFICATION OF FRENCH NAVAL VESSELS

Heavy Cruisers
TOURVILLE CLASS
(2 ships)



Heavy Cruisers DUQUESNE and TOURVILLE

Not under French control
DUQUESNE
TOURVILLE

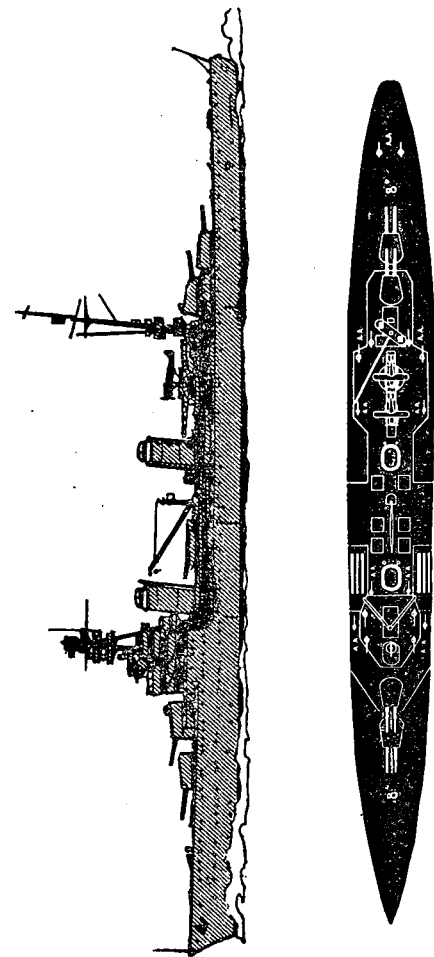
Description: Displacement, 10,000 tons (standard).
Length, 626 $\frac{2}{3}$ feet (over all).
Beam, 62 $\frac{1}{3}$ feet.
Draft, 23 feet (maximum).
Speed, 33.7 knots.

Guns: 8 8-inch.
8 3-inch AA.
8 37-mm AA.
12 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch (in triple mountings above water).

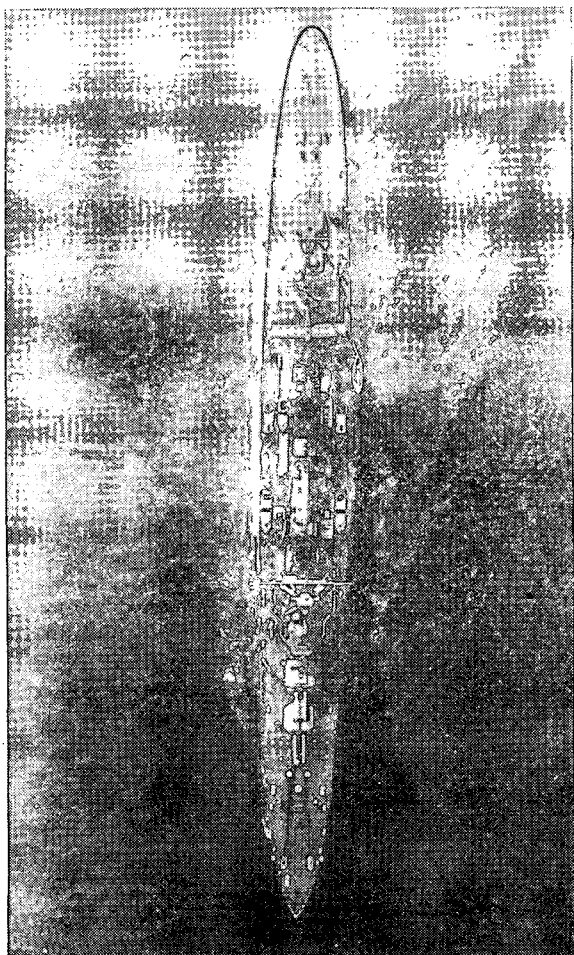
Aircraft: 2.
Catapult: 1.

FRENCH
NAVY



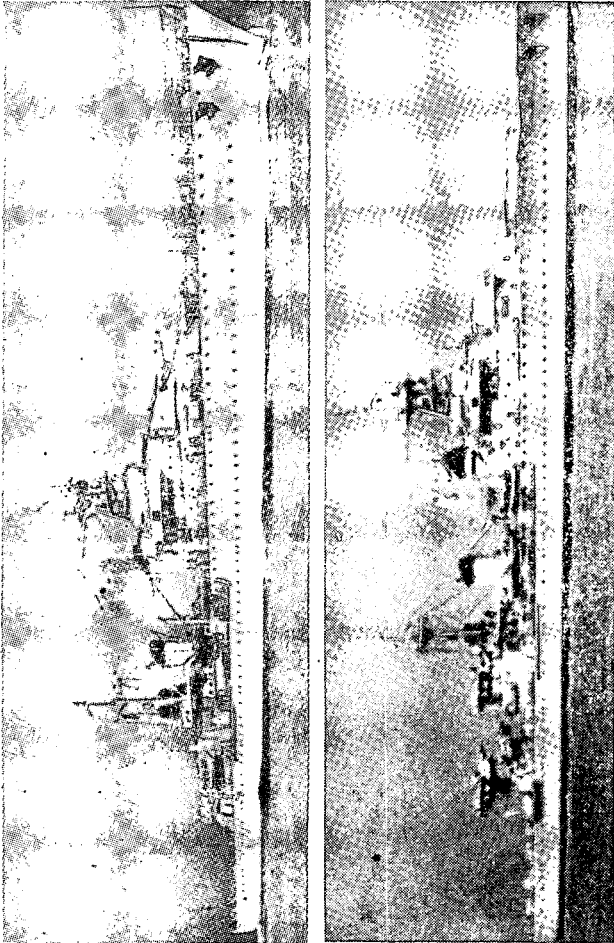
Heavy Cruisers TOURVILLE CLASS

Heavy Cruisers
TOURVILLE CLASS



Heavy Cruiser DUQUESNE

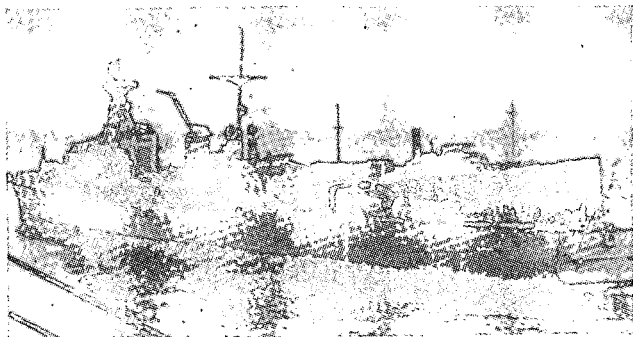
FRENCH
NAVY



Light Cruiser LA GALISSONNIÈRE (upper) and GEORGES LEYGUES (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruisers
LA GALISSONNIÈRE CLASS
(6 ships)



Light Cruiser JEAN DE VIENNE (note square stern)



Light Cruisers of LA GALISSONNIÈRE CLASS

Under French control
MARSEILLAISE
GLOIRE
MONTCALM
GEORGES LEYGUES
JEAN DE VIENNE
LA GALISSONNIÈRE

Description: Displacement, 7,600 tons (standard).
Length, 580 $\frac{3}{4}$ feet (over all).
Beam, 57 $\frac{1}{3}$ feet.
Draft, 17 $\frac{1}{3}$ feet (maximum).
Speed, 31 knots.

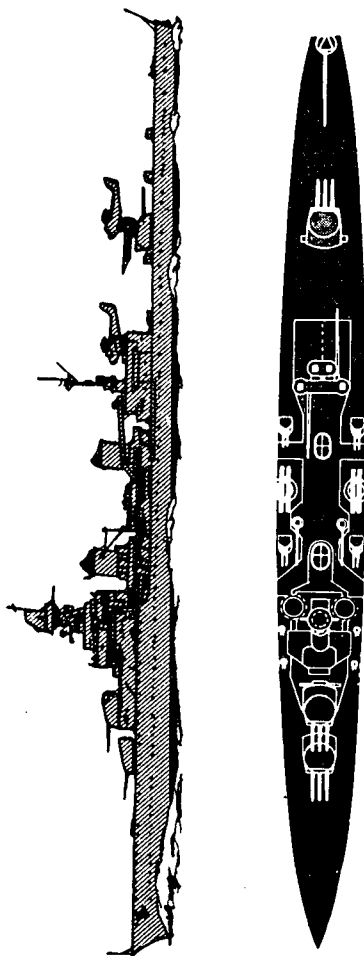
Guns: 9 6-inch.
8 3.5-inch AA.
12 caliber .50 AA MG.

Torpedo tubes: 4 21.7-inch.

Aircraft: 4.

Catapult: 1 (mounted on after turret).

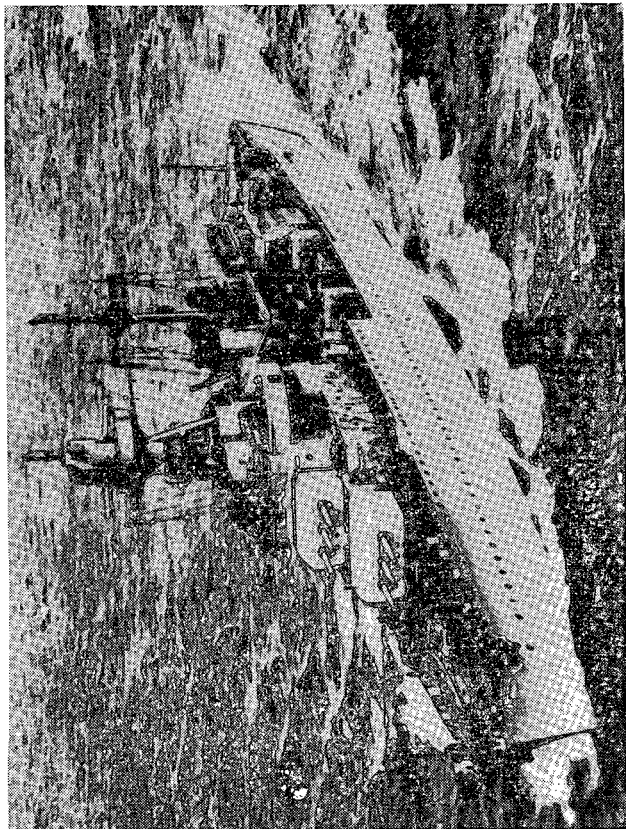
FRENCH
NAVY



Light Cruisers LA GALISSONNIÈRE CLASS

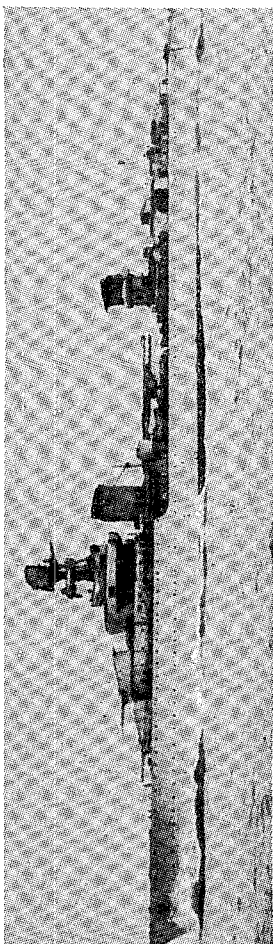
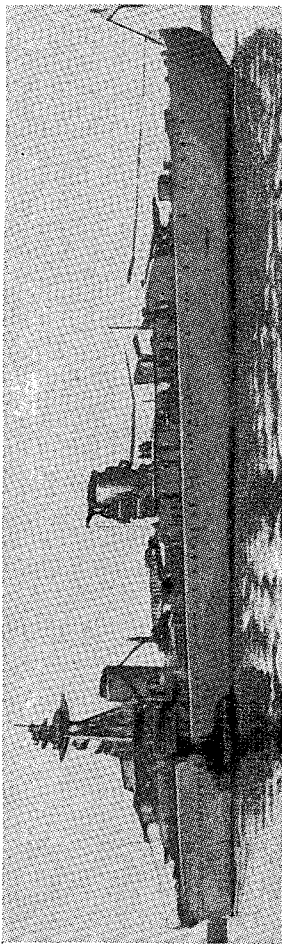
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruisers
LA GALISSONNIÈRE CLASS



Light Cruiser GEORGES LEYGUES

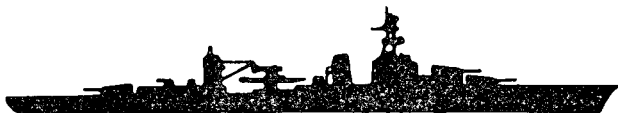
FRENCH
NAVY



Light Cruiser-Mine Layer EMILE BERTIN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruiser (Mine Layer)
EMILE BERTIN



Light Cruiser-Mine Layer EMILE BERTIN

Under French control
EMILE BERTIN

Description: Displacement, 5,886 tons (standard).
Length, 580 $\frac{3}{4}$ feet (over all).
Beam, 51 $\frac{3}{4}$ feet.
Draft, 17 $\frac{3}{4}$ feet (maximum).
Speed, 34 knots.

Guns: 9 6-inch.
4 3.5-inch AA.
4 37-mm AA.
6 caliber .50 AA MG.

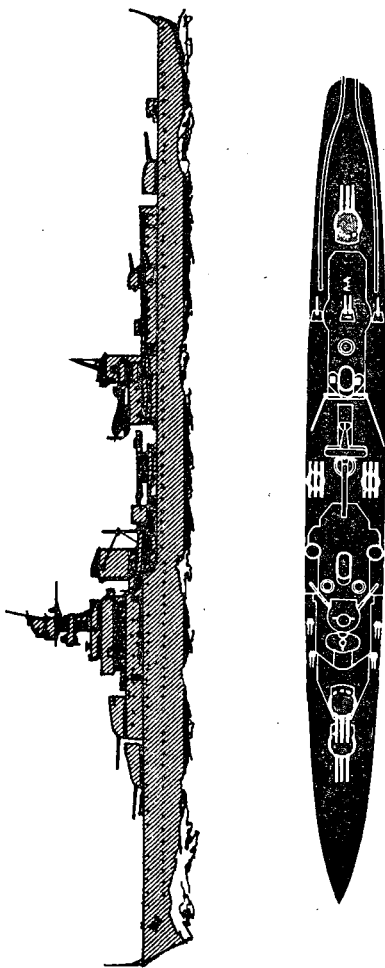
Torpedo tubes: 6 21.7-inch (tripled).

Aircraft: 2.

Catapults: 1.

Mines: 200 (unofficial).

FRENCH
NAVY



Light Cruiser-Mine Layer EMILE BERTIN

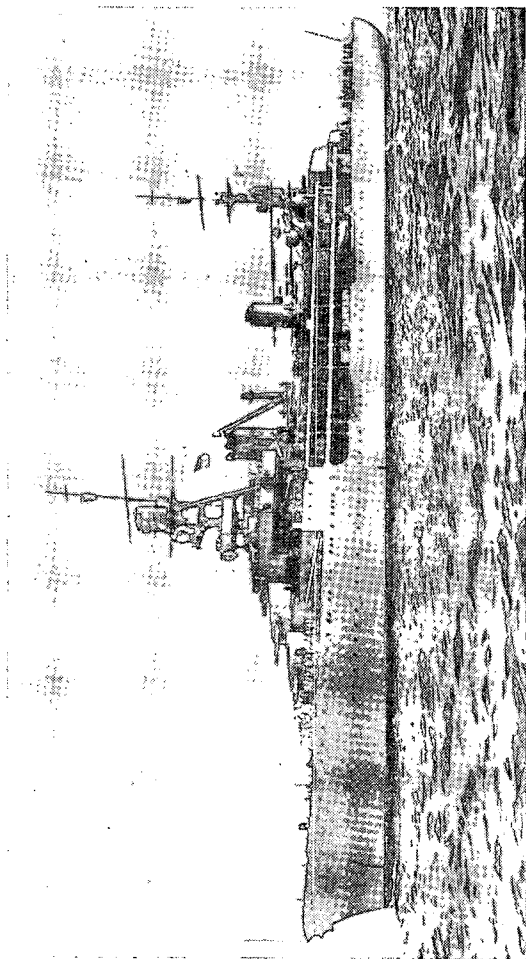
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruiser (Mine Layer)
EMILE BERTIN



Light Cruiser-Mine Layer EMILE BERTIN

FRENCH
NAVY



Light Training Cruiser JEANNE D'ARC

IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Training Cruiser
JEANNE D'ARC



Light Training Cruiser JEANNE D'ARC

Under French control
JEANNE D'ARC

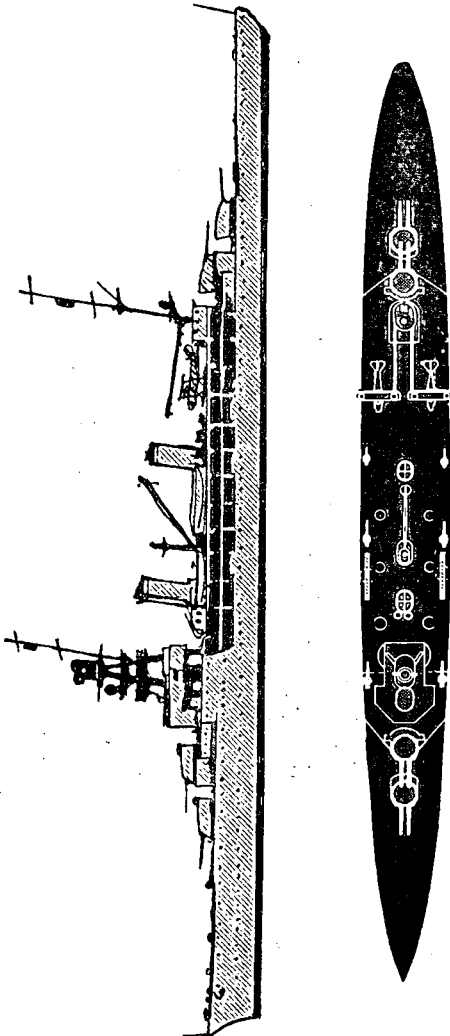
Description: Displacement, 6,496 tons (standard).
Length, 557 $\frac{3}{4}$ feet (over all).
Beam, 57 $\frac{1}{2}$ feet.
Draft, 20 $\frac{2}{3}$ feet (maximum).
Speed, 28 knots.

Guns: 8 6.1-inch.
4 3-inch AA.
6 37-mm AA.

Torpedo tubes: 2 21.7-inch.

Aircraft: 2 (handled by crane).

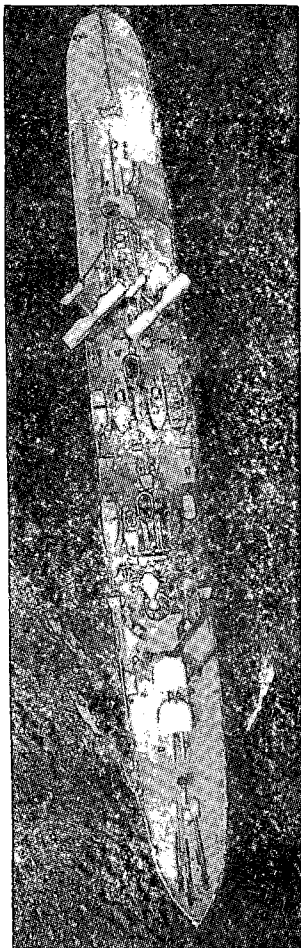
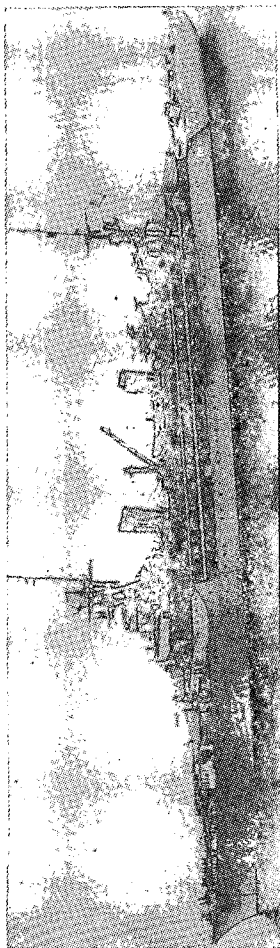
FRENCH
NAVY



Light Training Cruiser JEANNE D'ARC

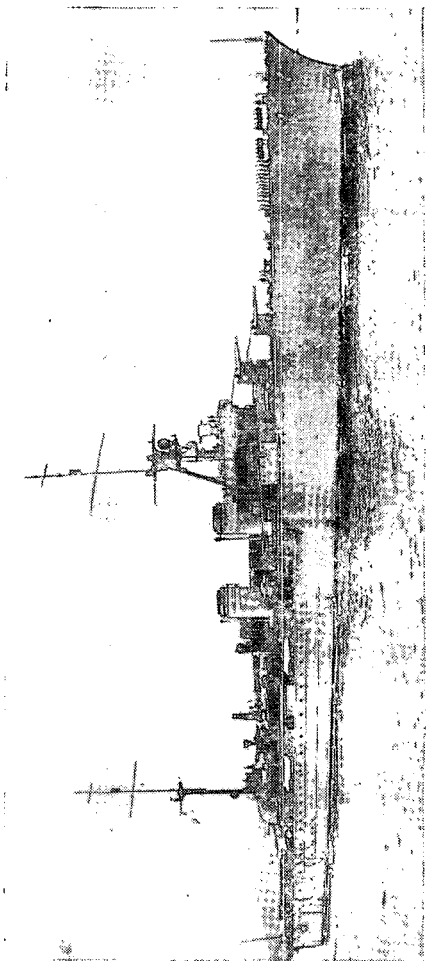
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Training Cruiser
JEANNE D'ARC



Light Training Cruiser JEANNE D'ARC

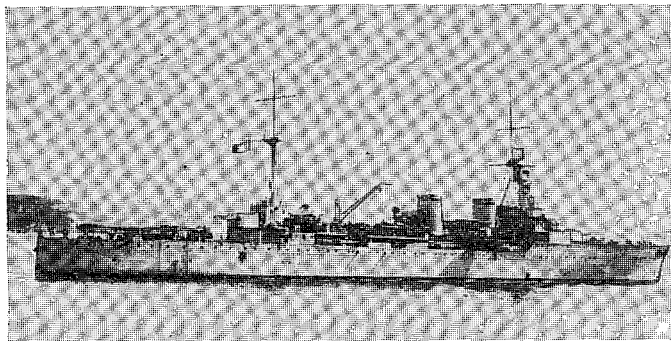
FRENCH
NAVY



Light Cruiser DUGUAY-TROUIN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruisers
DUGUAY-TROUIN CLASS
(3 ships)



Light Cruiser LAMOTTE-PICQUET

Under French control

PRIMAUGUET

LAMOTTE-PICQUET

Not under French control

DUGUAY-TROUIN

Description: Displacement, 7,249 tons (standard).
Length, 594 $\frac{3}{4}$ feet (over all).
Beam, 57 $\frac{1}{2}$ feet.
Draft, 20 $\frac{2}{3}$ feet (maximum).
Speed, 34 knots.

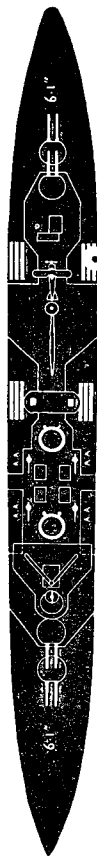
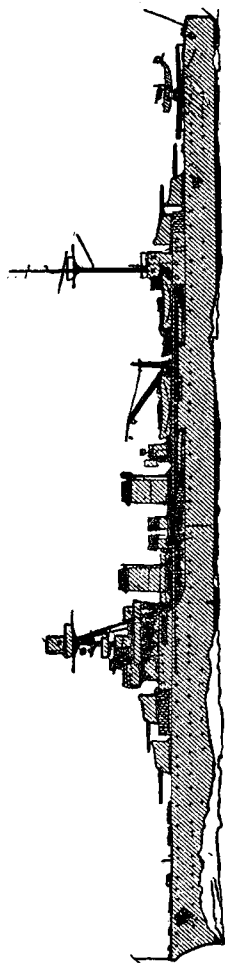
Guns: 8 6.1-inch.
4 3-inch AA.
4 caliber .50 AA MG.

Torpedo tubes 12 21.7-inch (tripled, above water).

Aircraft: 2.

Catapult: 1 (mounted on quarter-deck).

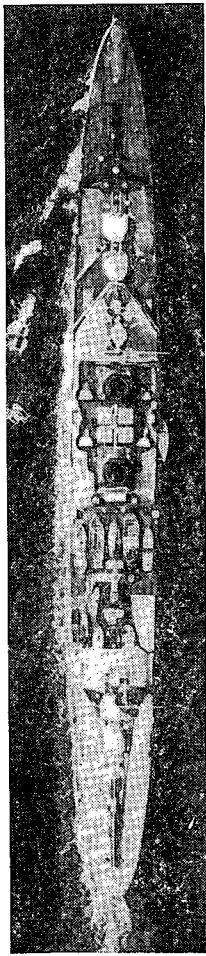
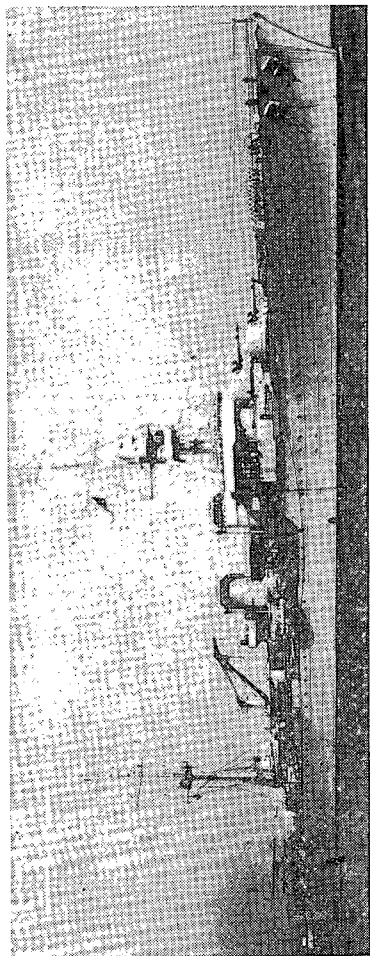
FRENCH
NAVY



Light Cruisers DUGUAY-TROUIN CLASS

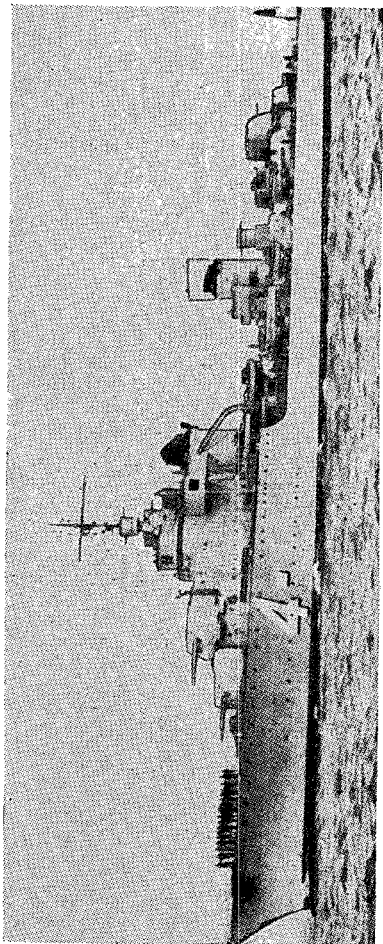
IDENTIFICATION OF FRENCH NAVAL VESSELS

Light Cruisers
DUGUAY-TROUIN CLASS



Light Cruiser PRIMAUGUET

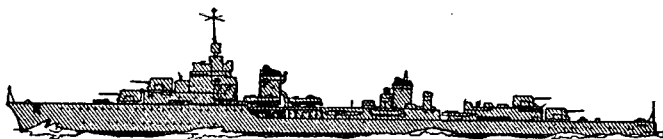
FRENCH
NAVY



Destroyer Leader MOGADOR

IDENTIFICATION OF FRENCH NAVAL VESSELS

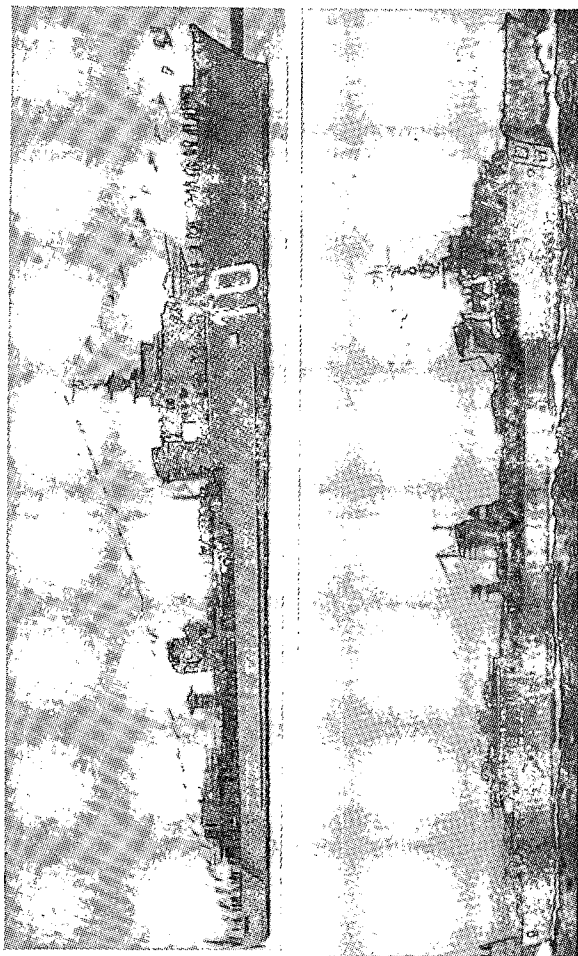
Destroyer Leaders
MOGADOR CLASS



Under French control
MOGADOR
VOLTA

- Description: Displacement, 2,884 tons (standard).
Dimensions, 451 by 41 by 14 $\frac{3}{4}$ feet (mean).
Speed, 38 knots.
- Guns: 8 5.4-inch.
2 37-mm AA.
6 caliber .50 AA MG.
- Torpedo tubes: 10 21.7-inch (2 triple mounts and 2 pairs).

FRENCH
NAVY



Destroyer Leaders LE FANTASQUE (upper) and LE TRIOMPHANT (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyer Leaders
FANTASQUE CLASS



Under French control

LE MALIN

L'INDOMPTABLE

LE TERRIBLE

L'AUDACIEUX (damaged)

LE FANTASQUE

Not under French control

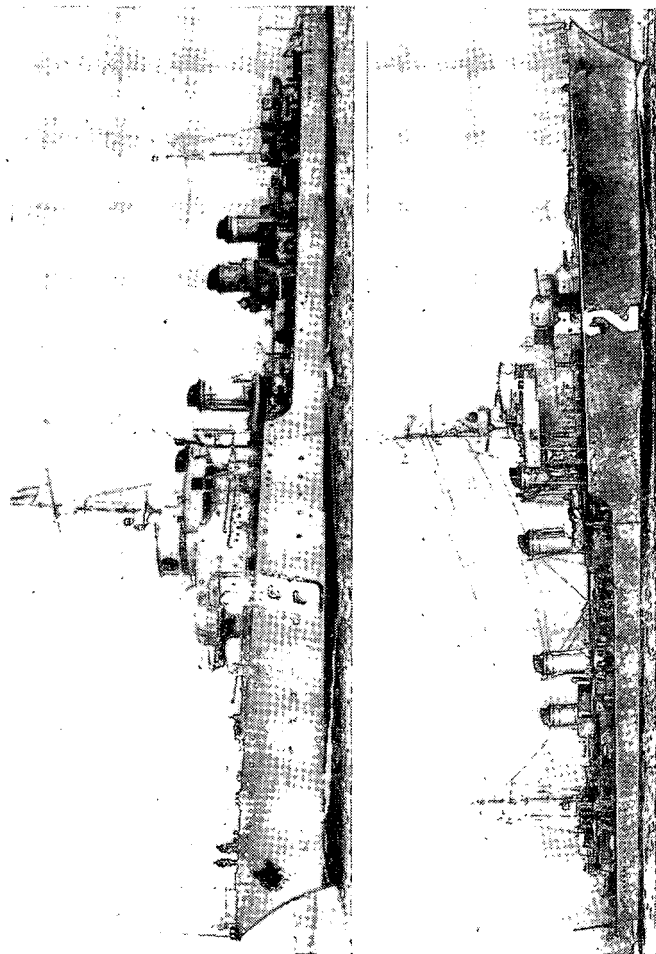
LE TRIOMPHANT

Description: Displacement, 2,569 tons (standard).
Dimensions, 434 $\frac{1}{3}$ by 39 $\frac{1}{3}$ by 14 feet.
Speed, 37 knots.

Guns: 5 5.4-inch.
4 37-mm AA.
6 caliber .50 AA MG.

Torpedo tubes: 9 21.7-inch (tripled).

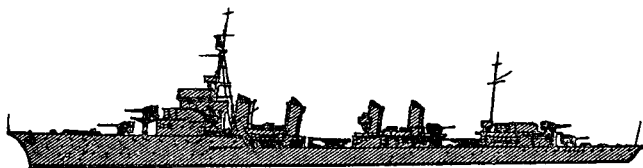
FRENCH
NAVY



Destroyer Leaders VAQUELIN (upper) and ALBATROS (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyer Leaders AIGLE CLASS



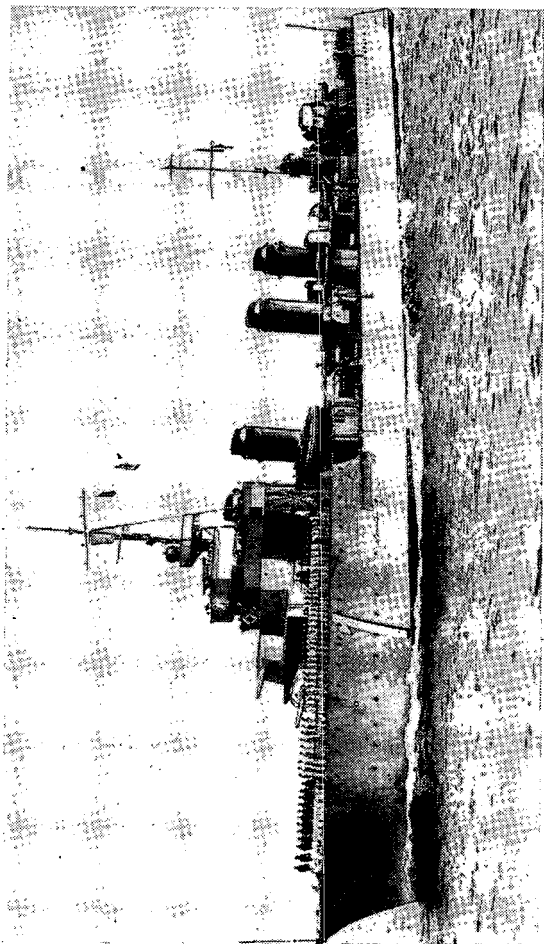
NOTE.—Stern should appear as in GUÉPARD CLASS.

Under French control

KERSAINT
VAUQUELIN
MILAN
EPERVIER
TARTU
CASSARD
GERFAUT
VAUTOUR
AIGLE
ALBATROS

- Description: Displacement, 2,441 tons (standard).
Dimensions, 423¼ by 40 by 16 feet.
Speed, 36 knots.
- Guns: 5 5.4-inch.
1 3-inch AA.
4 37-mm AA.
4 caliber .50 AA MG.
- Torpedo tubes: 7 21.7-inch (6 in last four).

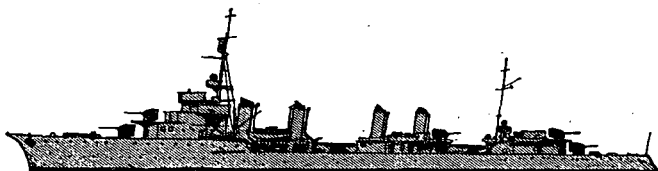
FRENCH
NAVY



Destroyer Leader VERDUN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyer Leaders
GUÉPARD CLASS



Under French control
LION
VAUBAN
VERDUN
VALMY (damaged)
GUÉPARD (damaged)

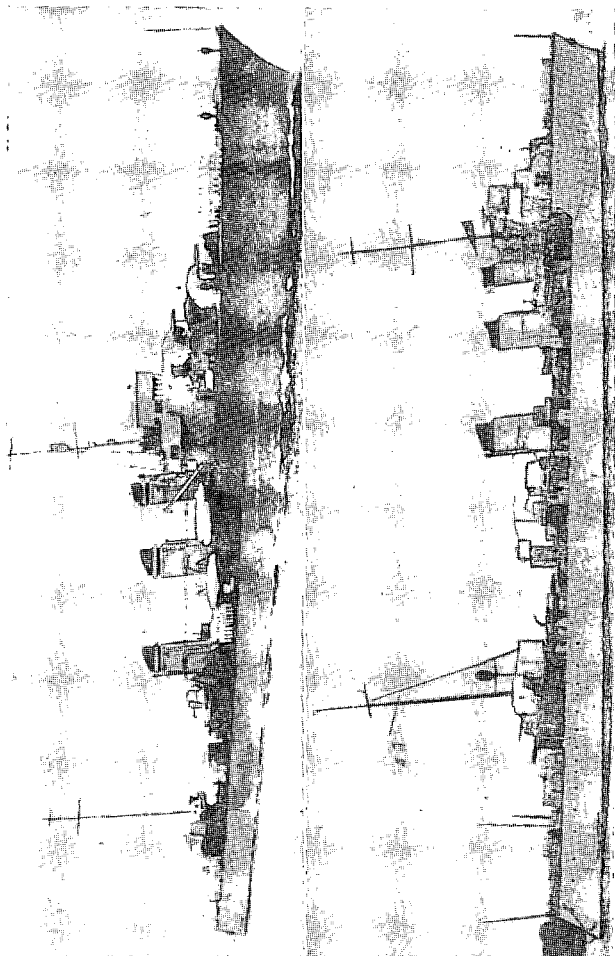
Description: Displacement, 2,436 tons (standard).
Dimensions, 427 by 39 by 15³/₄ feet.
Speed, 35.5 knots.

Guns: 5 5.4-inch.
4 37-mm AA.

Torpedo tubes: 6 21.7-inch.

Appearance note: Close resemblance to ships of AIGLE CLASS.

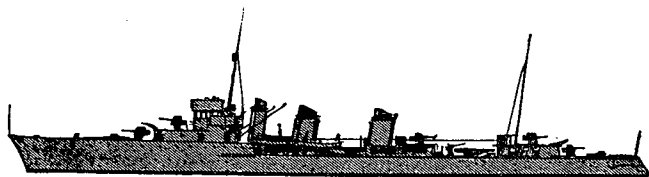
FRENCH
NAVY



Destroyer Leaders LYNX (upper) and LÉOPARD (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyer Leaders
TIGRE CLASS



Under French control

LYNX
PANTHÈRE
TIGRE

Not under French control
LÉOPARD

Description: Displacement, 2,126 tons (standard).
Dimensions, 416 by 37½ by 17⅓ feet (maximum).
Speed, 35.5 knots.

Guns: 5 5.1-inch.
2 3-inch AA.
8 caliber .50 AA MG.

Torpedo tubes: 6 21.7-inch.

MILITARY INTELLIGENCE

FRENCH
NAVY

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyers
LE HARDI CLASS



Under French control

CASQUE

LE HARDI

LANSQUENET

MAMELUCK

L'ADROIT (EX EPÉE)

FOUDROYANT (EX FLEURET)

SIROCO (EX LE CORSAIRE)

BISON (EX LE FLIBUSTIER)

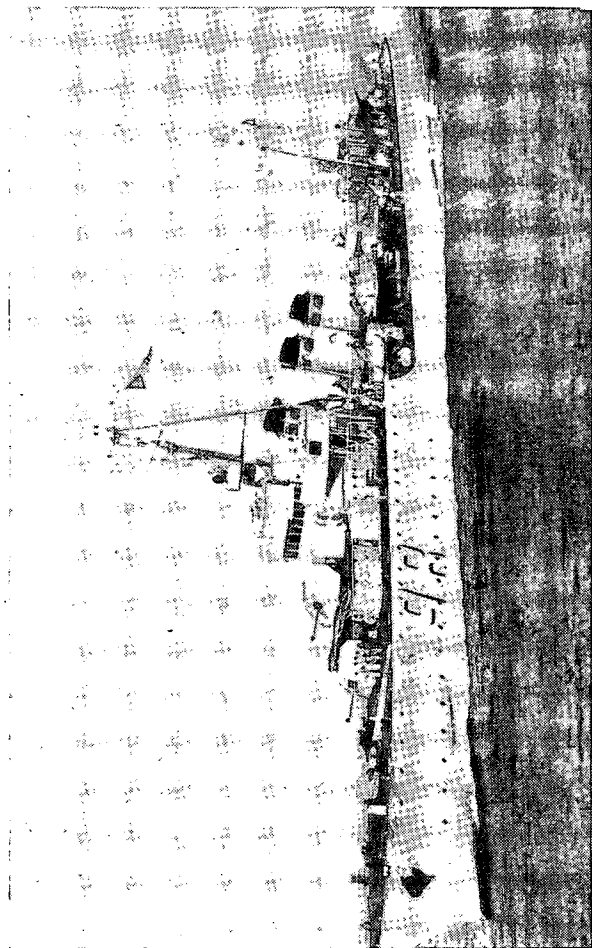
Description: Displacement, 1,772 tons (standard).
Dimensions, 333 $\frac{1}{3}$ by 32 $\frac{1}{2}$ by 11 feet (mean).
Speed, 35 knots.

Guns: 6 5.1-inch.
4 37-mm AA.
4 caliber .50 AA MG.

Torpedo tubes: 7 21.7-inch.

MILITARY INTELLIGENCE

FRENCH
NAVY



Destroyer FORBIN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyers ALCYON CLASS



Under French control

FRONDEUR
BORDELAIS
FOUGUEUX
ALCYON
BOULONNAIS
BRESTOIS
LE MÂRS
LA PALME

Not under French control

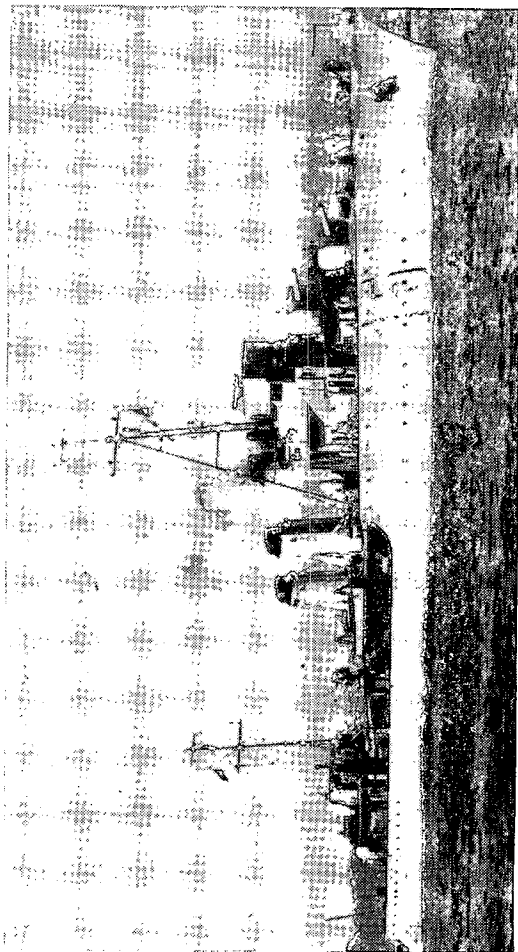
BASQUE
FORBIN
LE FORTUNÉ

Description: Displacement, 1,378 tons (standard).
Dimensions, 330.9 by 32¼ by 9½ feet.
Speed, 33 knots.

Guns: 4 5.1-inch.
2 37-mm AA on FRONDEUR, BORDELAIS,
FOUGUEUX, ALCYON, BASQUE and
FORBIN.
1 3-inch AA on BOULONNAIS, BRESTOIS,
LE MÂRS, LA PALME, and LE FOR-
TUNÉ.

Torpedo tubes: 6 21.7-inch.

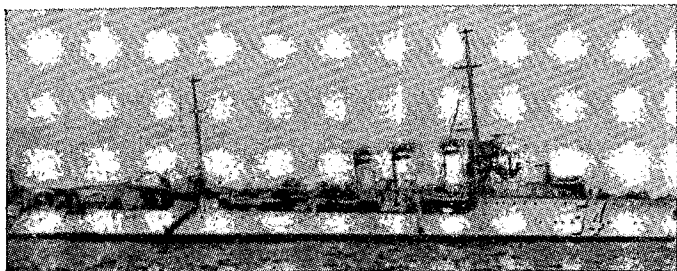
FRENCH
NAVY



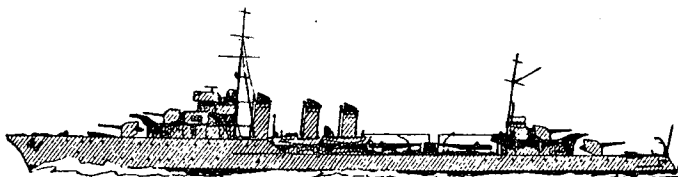
Destroyer OURAGAN

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyers
SIMOUN CLASS



Destroyer SIMOUN



Under French control

TORNADE
TYPHON
TROMBE
TEMPÊTE
SIMOUN
TRAMONTANE

Not under French control

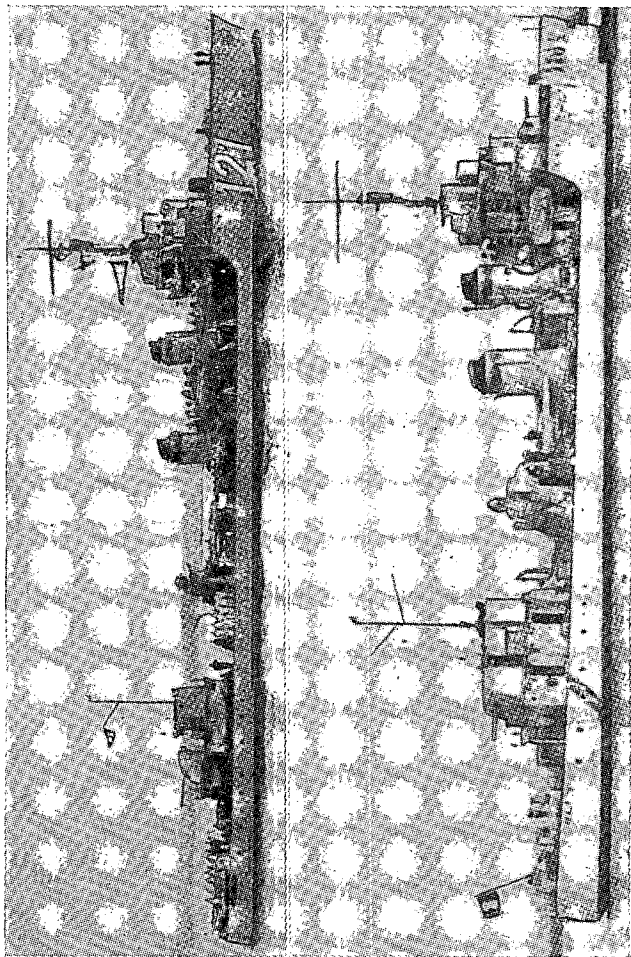
MISTRAL
OURAGAN

Description: Displacement, 1,319 tons (standard).
Dimensions, 347 by 33 by 13¾ feet.
Speed, 33 knots.

Guns: 4 5.1-inch.
1 3-inch AA.
2 37-mm AA.

Torpedo tubes: 6 21.7-inch (tripled).

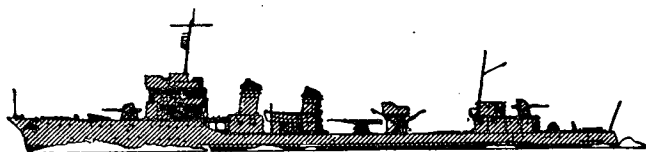
FRENCH
NAVY



Destroyers LA POMONE (upper) and LA FLORE (lower)

IDENTIFICATION OF FRENCH NAVAL VESSELS

Destroyers
(Torpedo Boats)
LA POMONE CLASS



Under French control

LA BAYONNAISE
BALISTE
LA POURSUIVANTE
BOMBARDE
LA POMONE
L'IPHIGENIE

Not under French control

BOUCLIER
L'INCOMPRISE
LA CORDÉLIÈRE
LA MELPOMÈNE
LA FLORE

Description: Displacement, 610 tons (standard).
Dimensions, 264 $\frac{3}{4}$ by 26 by 9 $\frac{1}{4}$ feet (mean).
Speed, 34.5 knots.

Guns: 2 3.9-inch.
2 37-mm AA.
4 caliber .50 AA MG.

Torpedo tubes: 2 21.7-inch.

MILITARY INTELLIGENCE

Submarines
AURORE CLASS
(Recent construction)

Under French control
AURORE

Not under French control
LA CREOLE

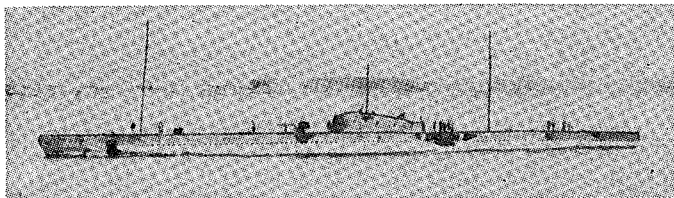
Description: Displacement, 805 tons (standard).
Dimensions, 241 by 21 $\frac{1}{3}$ by 11 $\frac{1}{2}$ feet.
Speed, 15 knots, surface; 9 knots, submerged.

Guns: 1 3.9-inch.

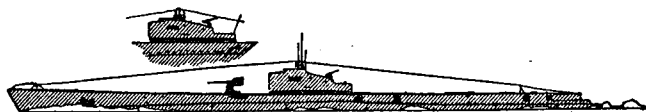
Torpedo tubes: 8 21.7-inch.

IDENTIFICATION OF FRENCH NAVAL VESSELS

Submarines
REDOUTABLE CLASS



MONGE



Pascal type (REDOUTABLE, VENGEUR, as part sketch)

Under French control

*SIDI-FERRUCH
 *BEVEZIERS
 *CASABLANCA
 *LE TONNANT
 *LE CONQUERANT
 *LE CENTAURE
 *LE HÉROS
 *LE GLORIEUX
 *PÉGASE
 MONGE

ARGO
 ARCHIMEDE
 L'ESPOIR
 ACHERON
 ACTÉON
 FRESNEL
 PASCAL
 HENRI POINCARÉ
 REDOUTABLE
 VENGEUR

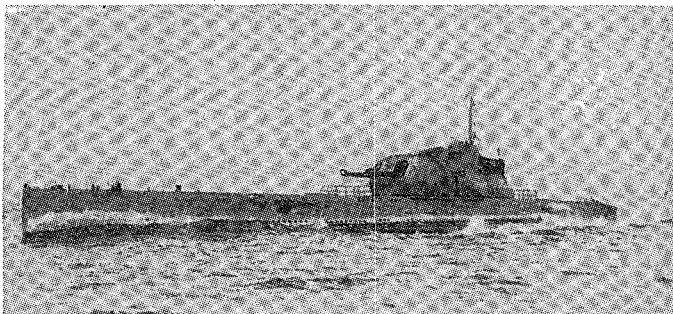
Not under French control
 PROTÉE

Description: Displacement, 1,379 tons (standard).
 Dimensions, 302½ by 27 by 16 feet.
 Speed, 17 knots, surface; *18 knots, surface;
 10 knots, submerged.

Guns: 1 3.9-inch.
 1 37-mm AA.
 1 caliber .50 AA MG.

Torpedo tubes: 11 21.7-inch.

Submarine
SURCOUF



SURCOUF



Not under French control
SURCOUF

Description: Displacement, 2,880 tons (standard).
Dimensions, 361 by 29½ by 23½ feet.
Speed, 18 knots, surface; 10 knots, submerged.

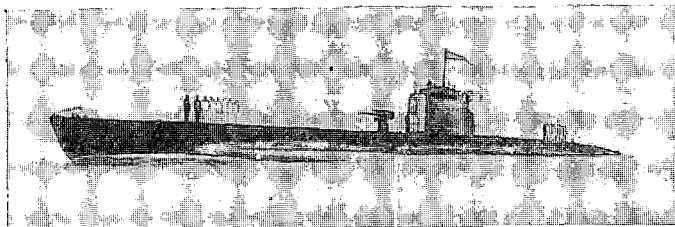
Guns: 2 8-inch.
2 37-mm AA.
4 caliber .50 AA MG.

Torpedo tubes: 10 21.7-inch.

Aircraft: 1.

IDENTIFICATION OF FRENCH NAVAL VESSELS

Submarines
REQUIN CLASS



REQUIN

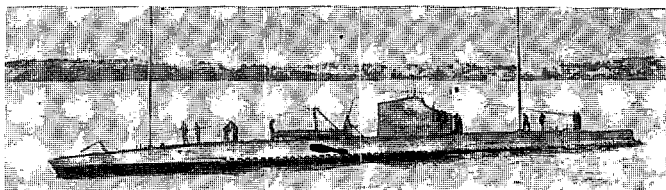


Under French control
CAÏMAN
PHOQUE
DAUPHIN
ESPADON
MARSOUIN
REQUIN

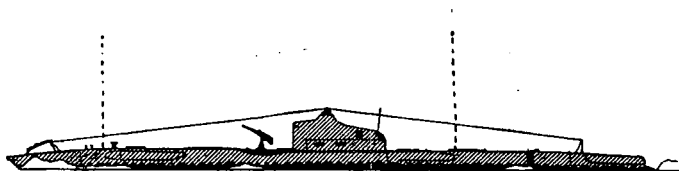
- Description:** Displacement, 974 tons (standard).
Dimensions, 257½ (p/p) by 23 by 17¾ feet.
Speed, 16 knots, surface; 10 knots, submerged.
- Guns:** 1 3.9-inch.
2 caliber .50 AA MG.
- Torpedo tubes:** 10. 21.7-inch (4 bow and 2 stern submerged;
4 above water before and abaft con-
ning tower).

MILITARY INTELLIGENCE

Submarines
 DIANE CLASS—Part I
 (Coastal Type)



ATALANTE



Under French control

Length, beam, draft: 211 by 20 by 13¾ feet.

VÉNUS, 597 tons.

IRIS, 597 tons.

LA SYBILLE, 571 tons.

LA PSYCHÉ, 571 tons.

AMAZONE, 571 tons.

ORÉADE, 571 tons.

AMPHITRITE, 571 tons.

ANTIOPE, 571 tons.

DIANE, 571 tons.

MÉDUSE, 571 tons.

ORPHÉE, 571 tons.

LA SULTANE, 565 tons.

LA VESTALE, 565 tons.

Length, beam, draft:

221 by 18½ by 15 feet.

CÉRÈS, 597 tons.

PALLAS, 597 tons.

Length, beam, draft:

208 by 21 by 13¾ feet.

ARÉTHUSE, 565 tons.

ATALANTE, 565 tons.

ARGONAUTE, 565 tons.

Description: Speed, 14 knots, surface; 9 knots, submerged.

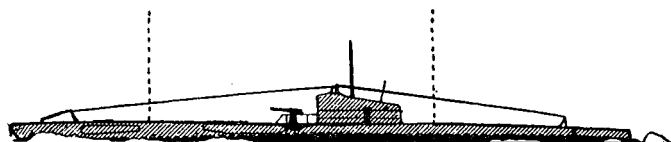
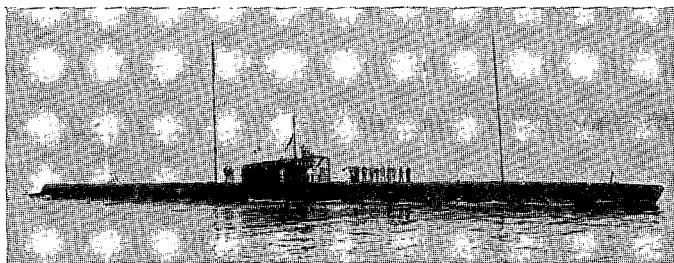
Guns: 1 3-inch AA.
 1 caliber .50 AA MG.

Torpedo tubes: 8 21.7-inch
 (7 21.7-inch and
 2 15.7-inch VÉNUS, IRIS, CÉRÈS, and
 PALLAS).

IDENTIFICATION OF FRENCH NAVAL VESSELS

Submarines
DIANE CLASS—Part II
(Coastal Type)

(Part I and part II differ only in minor details.)



Not under French control

Length, beam, draft:
211 by 20 by 13¾ feet.

JUNON, 597 tons.

MINERVE, 597 tons.

Length, beam, draft:
219 by 22 by 15 feet.

ONDINE, 558 tons.

ORION, 558 tons.

Description: Speed, 14 knots, surface; 9 knots, submerged.

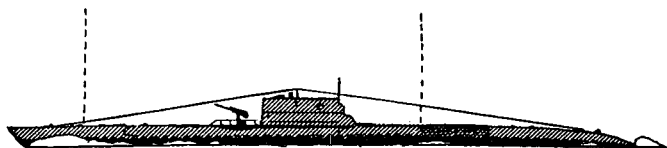
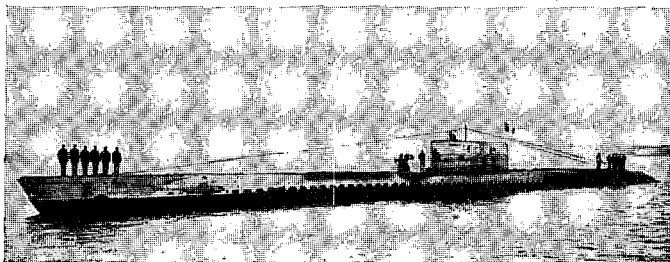
Guns: 1 3-inch AA.
1 caliber .50 AA MG.

Torpedo tubes: 8 21.7-inch on ONDINE and ORION;
7 21.7-inch and
2 15.7-inch on JUNON and MINERVE.

MILITARY INTELLIGENCE

Submarines
SIRÈNE CLASS—Part I
(Coastal Type)

(Part I and part II differ only in minor details.)



SIRÈNE GROUP

Under French control
SIRÈNE
GALATÉE
NAÏADE

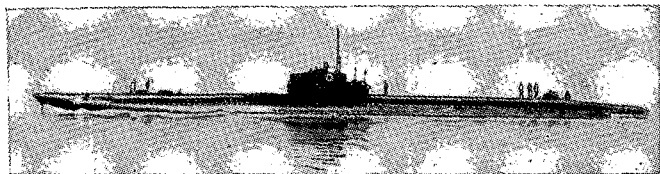
Description: Displacement, 548 tons.
Dimensions 210 (p/p) by 21 by 14 $\frac{3}{4}$ feet.
Speed, 14 knots, surface; 7.5 knots, submerged.

Guns: 1 3.9-inch AA.
2 caliber .50 AA MG.

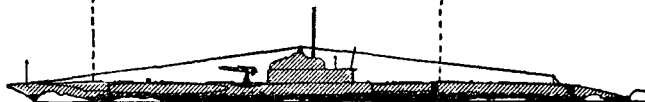
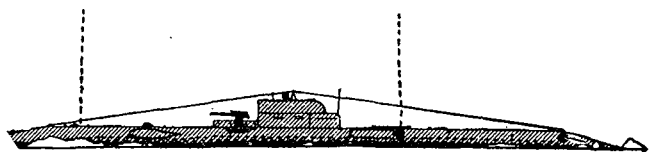
Torpedo tubes: 7 21.7-inch.

IDENTIFICATION OF FRENCH NAVAL VESSELS

Submarines
SIRÈNE CLASS—Part II
(Coastal Type)



ARIANE



CIRCÉ

ARIANE GROUP

Under French control

Group No. 1

CIRCÉ

CALYPSO

THETIS

Group No. 2

ARIANE

DANÄÉ

EURYDICE

Description:

Group No. 1—

Displacement, 552 tons.

Dimensions, 204½ (p/p) by 21⅓ by 12¾ feet,

Speed (surface), 14 knots; (submerged),
7.5 knots.

Group No. 2—

Displacement, 576 tons.

Dimensions, 216½ by 20⅓ by 13½ feet.

Speed (surface), 14 knots; (submerged),
7.5 knots.

Guns:

1 3.9-inch.

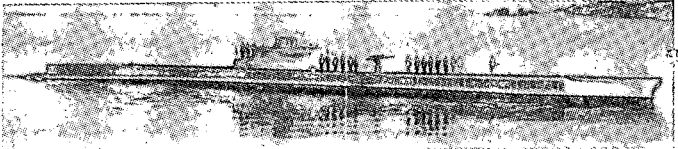
2 caliber .50 AA MG.

Torpedo tubes:

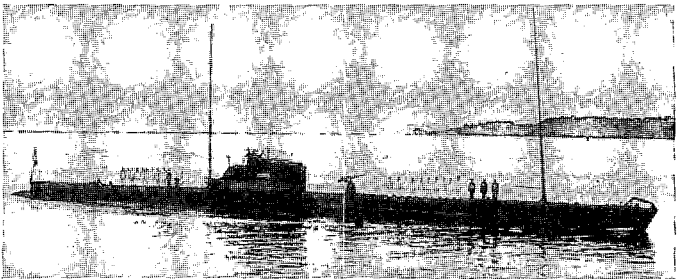
7 21.7-inch.

MILITARY INTELLIGENCE

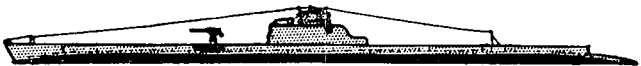
Submarines (Mine Layers)
SAPHIR CLASS



TURQUOISE



RUBIS



SAPHIR CLASS

Under French control

PERLE

DIAMANT

NAUTILUS

SAPHIR

TURQUOISE

Not under French control

RUBIS

Description: Displacement, 669 tons (standard).
Dimensions, 216½ by 23⅔ by 16 feet.
Speed (surface), 12 knots; (submerged), 9 knots.

Guns: 1 3-inch AA.

Torpedo tubes: 5 21.7-inch.

32 mines stowed in outer ballast tanks.

IDENTIFICATION OF FRENCH NAVAL VESSELS

APPENDIX I

LIST OF SHIPS

Under French Control

Battleships:	Destroyer leaders.—Continued.
Richelieu (damaged)	Vauquelin
Jean Bart	Milan
(77 percent completed)	Epervier
Dunkerque (damaged)	Tartu
Strasbourg	Cassard
Provence	Gerfaut
Aircraft carrier:	Vautour
Béarn	Aigle
Seaplane tender:	Albatros
Commandant Teste	Lion
Heavy cruisers:	Vauban
Algérie	Verdun
Dupleix	Valmy (damaged)
Foch	Guépard (damaged)
Colbert	Lynx
Light cruisers:	Panthère
Marseillaise	Tigre
Gloire	Destroyers:
Montcalm	Casque
Georges Leygues	Le Hardi
Jean De Vienne	Lansquenet
La Galissonnière	Mameluck
Emile Bertin	L'Adroit
Jeanne D'Arc	Foudroyant
Primauguet	Siroco
Lamotte-Picquet	Bison
Destroyer leaders:	Frondeur
Mogador	Bordelais
Volta	Fougueux
Le Malin	Alcyon
L'Indomptable	Boulonnais
Le Terrible	Brestois
L'Audacieux (damaged)	Le Mârs
Le Fantasque	La Palme
Kersaint	Tornado

MILITARY INTELLIGENCE

Under French Control—Continued

Destroyers.—Continued.

Typhon
Trombe
Tempête
Simoun
Tramontane
La Bayonnaise
Baliste
La Poursuivante
Bombarde
La Pomone
L'Iphigénie

Submarines:

Sidi-Ferruch
Beveziers
Casablanca
Le Tonnant
Le Conquerant
Le Centaure
Le Héros
Le Glorieux
Pégase
Monge
Argo
Archimède
L'Espoir
Acheron
Actéon
Fresnel
Pascal
Henri Poincaré
Redoutable
Vengeur
Caïman
Phoque
Dauphin
Espadon

Submarines—Continued.

Marsouin
Requin
Vénus
Iris
La Sybille
La Psyché
Amazone
Oréade
Amphitrite
Antiope
Diane
Méduse
Orphée
La Sultane
La Vestale
Cérès
Pallas
Aréthuse
Atalante
Argonaute
Sirène
Galatée
Naiade
Circé
Calypso
Thetis
Ariane
Danée
Eurydice
Perle
Diamant
Nautilus
Saphir
Turquoise
Aurore

IDENTIFICATION OF FRENCH NAVAL VESSELS

Not Under French control

Battleships:	Destroyers—Continued.
Lorraine	Mistral
Paris	Ouragan
Courbet	Bouclier
Heavy cruisers:	L'Incomprise
Suffren	La Cordelière
Duquesne	La Melpomène
Tourville	La Flore
Light cruiser:	Submarines:
Duguay-Trouin	Protée
Destroyer leaders:	Surcouf
Le Triomphant	Junon
Leopard	Minerve
Destroyers:	Ondine
Basque	Orion
Forbin	Rubis
Le Fortuné	La Creole

APPENDIX II
FRENCH NAVAL GUNS

Caliber (inches)	Model	Length (calibers)	Weight of gun (metric tons)	Weight of projectile (pounds)	Weight of charge (pounds)	Pressure (kilograms per square centimeter)	Initial velocity (feet per second)
13.4	1912	45	66.3	1,219	332	2,800	2,604
13	1933	52	-----	1,188	-----	-----	3,480
12	1906-10	45	54.02	950	277	2,400	2,568
8	1924	50	20.72	271	103	2,750	2,788
6.1	1920	50	8.53	123	43	3,050	2,788
6	1930	55	8.13	119	37	3,200	2,854
5.5	1929	50	4.11	88	-----	-----	2,821
	1923	40	4.11	88	20	2,500	2,296
	1910	55	5.3	86	24	2,500	2,722
5.1	1924	40	3.87	70	18	2,420	2,408
	1919	40	4.39	70	18	2,420	2,408
3.9	1917	45	1.56	31	9	2,300	2,362
3.5	1926	50	1.60	21	7	3,200	2,788
3	1924	50	1.09	13	4	2,560	2,788
1.5	1925	50	.16	1.65	.55	2,400	2,788

INDEX

	Page		Page
Acheron	81	Duquesne	43
Actéon	81	Dupleix	35
L'Adroit	73	Emile Bertin	51
Aigle	67	Epervier	67
Albatros	67	Espadon	83
Alcyon	75	L'Espoir	81
Algérie	31	Eurydice	87
Amazone	84	Le Fantasque	65
Amphitrite	84	La Flore	79
Antiope	84	Foch	35
Archimede	81	Forbin	75
Aréthuse	84	Le Fortuné	75
Argo	81	Foudroyant	73
Argonaute	84	Fougueux	75
Ariane	87	Fresnel	81
Atalante	84	Frondeur	75
L'Audacieux	65	Galatée	86
Aurore	80	La Galissonnière	47
Baliste	79	Georges Leygues	47
Basque	75	Gerfaut	67
La Bayonnaise	79	Gloire	47
Béarn	23	Le Glorieux	81
Beveziers	81	Guépard	69
Bison	73	Le Hardi	73
Bombarde	79	Henri Poincaré	81
Bordelais	75	Le Héros	81
Bouclier	79	L'Incomprise	79
Boulonnais	75	L'Indomptable	65
Brestois	75	L'Iphigenie	79
Caïman	83	Iris	84
Calypso	87	Jean Bart	3
Casablanca	81	Jean de Vienne	47
Casque	73	Jeanne D'Arc	55
Cassard	67	Junon	85
Le Centaure	81	Kersaint	67
Cérés	84	Lamotte-Picquet	59
Circé	87	Lansquenet	73
Colbert	35	Leopard	71
Commandant Teste	27	Lion	69
Le Conquerant	81	Lorraine	15
La Cordélière	79	Lynx	71
Courbet	19	Le Malin	65
La Creole	80	Mameluck	73
Danée	87	Le Mârs	75
Dauphin	83		
Diamant	88		
Diane	84		
Duguay-Trouin	59		
Dunkerque	7		

IDENTIFICATION OF FRENCH NAVAL VESSELS

	Page		Page
Marseillaise	47	Richelieu	3
Marsouin	83	Rubis	88
Méduse	84	Saphir	88
La Melpomène	79	Sidi-Ferruch	81
Milan	67	Simoun	77
Minerve	85	Sirène	86
Mistral	77	Siroco	73
Mogador	63	Strasbourg	7
Monge	81	Suffren	39
Montcalm	47	La Sultane	84
Naïade	86	Surcouf	82
Nautilus	88	La Sybille	84
Ondine	85	Tartu	67
Oréade	84	Tempête	77
Orion	85	Le Terrible	65
Orphée	84	Thetis	87
Ouragan	77	Tigre	71
Pallas	84	Le Tonnant	81
La Palme	75	Tornado	77
Panthère	71	Tourville	43
Paris	19	Tramontane	77
Pascal	81	Le Triomphant	65
Pégase	81	Trombe	77
Perle	88	Turquoise	88
Phoque	83	Typhon	77
La Pomone	79	Valmy	69
La Poursuivante	79	Vauban	69
Primauguet	59	Vautour	67
Protée	81	Vauquelin	67
Provence	11	Vengeur	81
La Psyché	84	Vénus	84
Redoutable	81	Verdun	69
Requin	83	La Vestale	84
		Volta	63

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