

## Paddle avisos (1st class, 180 nhp)

DAUPHIN class (launched 1846-47)

PETREL (launched 1846)

REQUIN (launched 1847)

### DAUPHIN class paddle aviso (1st class)

Displacement:	502t
Dimensions:	150ft 11in wl x 25ft 0in x 9ft 8in mean
Same, meters:	46.00 x 7.61 x 2.95m
Machinery:	180nhp. <u>Dauphin</u> : (Gâche & Voruz) Direct, tubular boilers, 9.00kts. <u>Epervier</u> : (Baboneau) Direct, oscillating cylinders, tubular boilers, 9.50kts.
Hull material:	Iron
Armament:	2-18p carr. (2-12cm bronze shell in <u>Epervier</u> )
Complement:	93

Name	Builder	Laid down	Launched	Commiss.	Fate
DAUPHIN	Guibert	5.45	23.1.46	25.5.47	Stk. 16.3.68
EPERVIER	Guibert	13.5.46	29.6.47	20.3.48	Lost 15.4.57

**Class.** Dauphin was one of three 180nhp ships whose construction was decided upon in 7.44. Epervier was added 1.46 to keep her builder's yard occupied. They were designed by De Lavrignais. They represented an effort to bring the latest technology to the 160nhp type: iron hulls, tubular boilers, and direct-acting engines all helped increase the engine power while reducing the size of the ship. The coal supply and armament were also reduced, the latter because the 160-180nhp type was now considered strictly an aviso, not a fighting ship. The designed rig was two light masts. In the engines of Dauphin, direct action was achieved through the use of articulated guides, while Epervier's engines used Penn's system of oscillating cylinders. Both patterns were used in numerous French navy steamers, even though Epervier only developed 160nhp on trials.

**Disposals.** Dauphin was BU 1868 and Epervier was wrecked on Cape Breton.

### PETREL paddle aviso (1st class)

Displacement:	505t
Dimensions:	152ft 7in wl x 26ft 3in x 9ft 3in mean
Same, meters:	<u>46.50 x 8.00 x 2.83m</u>
Machinery:	180nhp (Baboneau). Direct, oscillating cylinders, tubular boilers
Hull material:	Iron
Armament:	(1847) 2-18p carronades
Complement:	93

<u>Name</u>	<u>Builder</u>	<u>Laid down</u>	<u>Launched</u>	<u>Commiss.</u>	<u>Fate</u>
PETREL	Malo	1.45	20.12.46	15.3.47	Lost 5.11.55

**Class.** Pétrel was the second of the three 180nhp ships whose construction was decided upon in 7.44. She was designed by Joffre. Her engines, probably similar to those of Epervier, only developed 172nhp on trials.

**Disposal.** Pétrel was wrecked by a pilot at Christiansand.

#### **REQUIN** paddle aviso (1st class)

Displacement:	500t
Dimensions:	147ft 8in wl x 24ft 7in x 9ft 2in mean
Same, meters:	<u>45.00 x 7.50 x 2.80m</u>
Machinery:	180nhp (Gâche & Voruz) Direct, tubular boilers
Hull material:	Iron
Armament:	?
Complement:	93

<u>Name</u>	<u>Builder</u>	<u>Laid down</u>	<u>Launched</u>	<u>Commiss.</u>	<u>Fate</u>
REQUIN	Courau/ Arman	1.46	18.3.47	12.4.48	Stk. 8.11.62

**Class.** Requin was the third of the three 180nhp ships whose construction was decided upon in 7.44. She was designed by Chedeville.

**Disposal.** Requin became a lighter and was BU 1874.

