

NEW BRAZILIAN SURVEY VESSELS

(From *Anais Hidrográficos*, Tomo XV, Rio de Janeiro, 1956).

Five new Brazilian survey vessels, whose construction was ordered in 1956, will shortly be ready for service. These consist of two vessels of the *Sirius* class: the *Sirius* and *Canopus*, on order from the Ishikawajima Heavy Industries Co., Ltd., Tokyo, and three vessels of the *Argus* class built at the navy shipyard at Rio de Janeiro.

The vessels' characteristics are listed below:

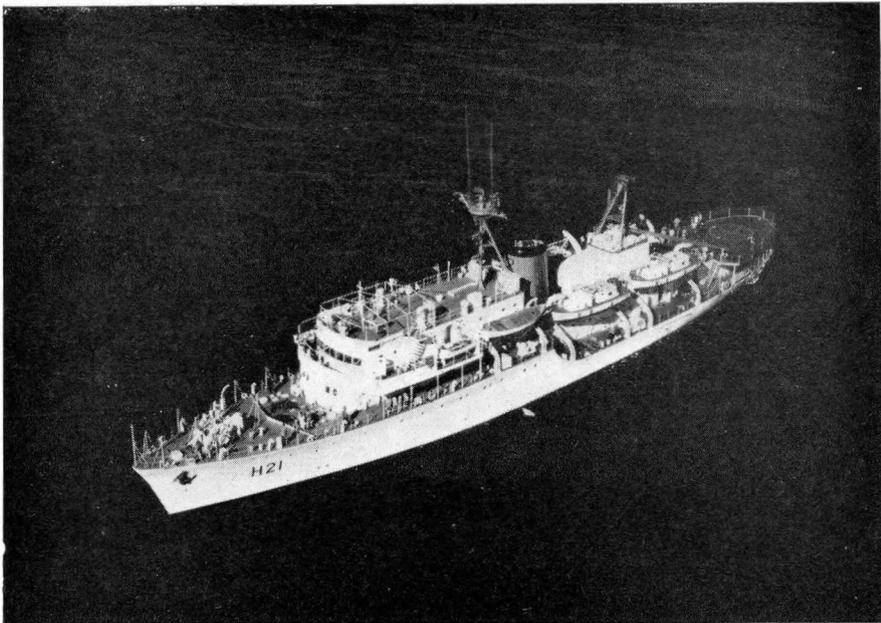
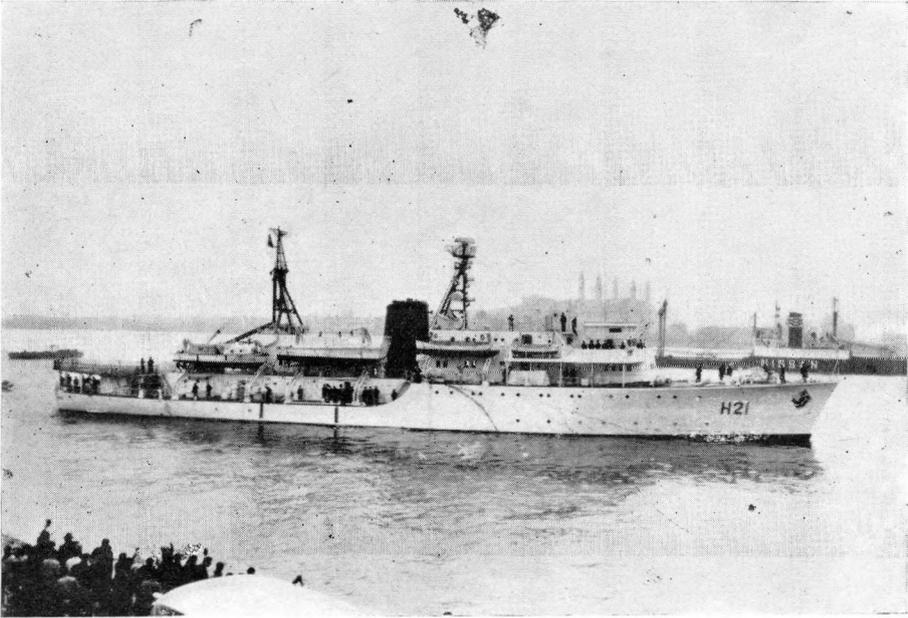
Sirius Class

Normal displacement	1875 tons
Maximum length	78.70 m
Length between perpendiculars ...	72.00 m
Maximum breadth	12.00 m
Depth to midship frame	5.75 m
Maximum draft	3.70 m
Maximum speed	15 knots
Cruising speed	11 knots
Period of self-sustainment	30 days
Cruising range	8000 miles at 11 knots
Fuel capacity (gas-oil)	265 tons
Fresh water capacity	70 tons
Propulsion	{ 2 × 350 HP Diesel engines 2 × 4-blade propellers, with adjustable pitch regulated by hydraulic device
Complement	{ 16 officers 84 crew.

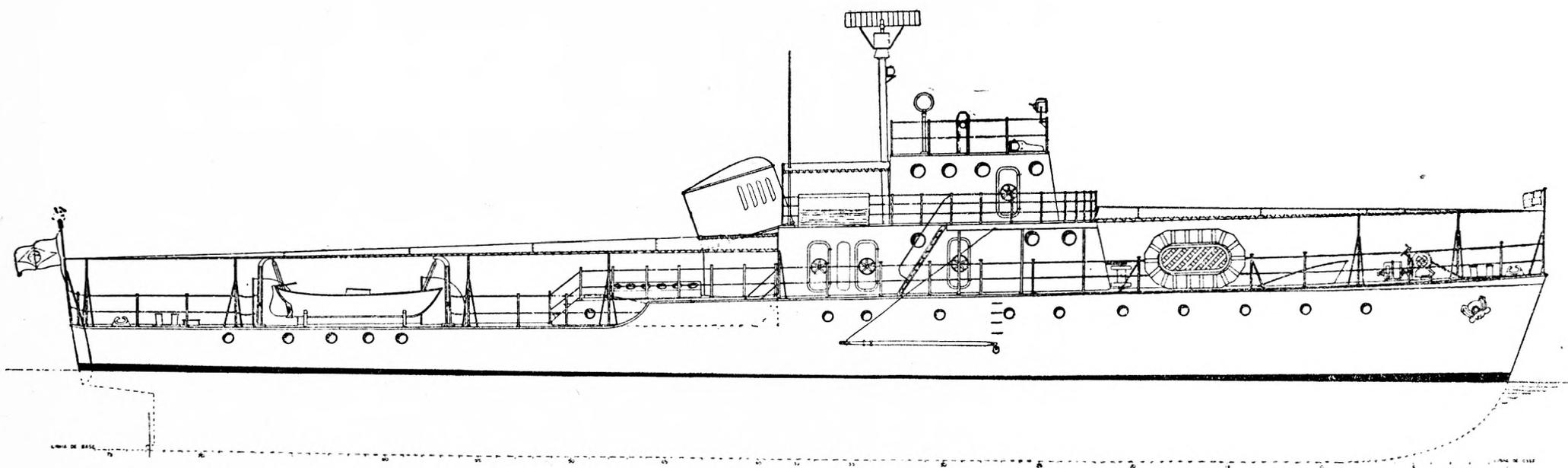
Each ship will be equipped with two survey launches, one landing craft, one helicopter, and two jeeps.

Argus Class

Normal displacement	330 tons
Maximum length	44.64 m
Length between perpendiculars...	41.14 m
Maximum breadth	6.52 m
Depth to midship frame	4.87 m
Maximum draft	2.46 m
Maximum speed	15 knots
Period of self-sustainment	20 days
Cruising range	{ 2100 miles at 15 knots (6 days) 4500 miles at 12 knots (15 days)
Fuel (gas-oil)	35 tons
Fresh water	45 tons
Propulsion {	2 × 600 HP Diesel engines 2 propellers
Complement {	6 officers 26 crew.



Brazilian Navy Survey Vessel *Sirius*.



Surveying Vessel *Argus* Class.

