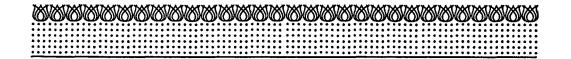


Може



## THE GERMAN SURVEYING VESSELS

The German Navy does not possess at the moment any vessel especially designed for hydrographic surveys. The exploring and hydrographic vessel *Meteor* is a converted gun-boat and can therefore not be considered a modern type of hydrographic vessel.

However, during the years 1912-1913, the hydrographic vessel  $M\ddot{o}we$  of the late Imperial Navy, completed quite extensive surveys along the coast of the former German protectorate of South West Africa and, in general, the  $M\ddot{o}we$  proved herself sea-worthy even in heavy seas.

## Construction Data of the Surveying Vessel "Möwe".

Date of construction  Length between perpendiculars  Beam  Designed draft  Displacement in tons (designed)  Block coefficient of fineness δ  Coefficient of fineness of water line plane α  Ratio of surface of midship section to circumscribed rectangle, coefficient of fineness β	1906 49 m. 9.8 m. 2.8 m. 650 m. 0.472 0.7
Machinery Installation: 2 reciprocating engines each with one H. P. cyl. one M. P. cylinder and one L. P. cylinder and with 2 cylindrical boilers (Scotch).  Auxiliary machine for lighting - 4 H. P. (as part of the main propulsive machinery).	
Indicated H.P.  Bunker capacity - coal  Speed  Cruising radius about 400 naut	350 190 tons 8 knots ical miles.
Equipment (boats): 2 motor launches.  I yawl.  I dinghy.  I whale boat.	

Complement	<b> </b>	100 men, including officers.
*Cost of construction (1906)		
*Cost of operation	))	108.000 R. M. annually.
*Upkeep	»	50.000 R. M. »

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<sup>(\*)</sup> The costs of construction, operation and upkeep mentioned, refer back to pre-war figures; at the present moment, therefore, it is necessary to estimate these costs at a very much higher rate.