

(PDF h-2-103)

## DEPARTMENT OF SHIP ELECTRICAL EQUIPMENT AND AUTOMATION

In the laboratory there are electrical equipment, control systems and electronic equipment for training ship electro-technical officers and engineers: Ship electric power plant with generators, main switchboard and automatic control system, Synchronous generator Self-excitation system, Battery charger, Automatic and Manual synchronization and distribution of active power synchronous generators, diesel generator control system .



**Laboratory of Ship's Automation Electrical Power plants**



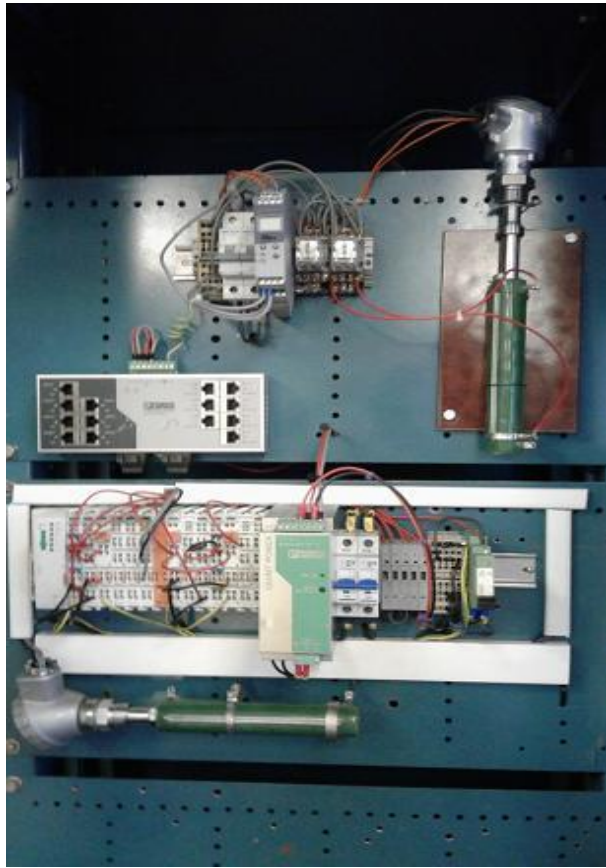
**Laboratory of Ship's Automation Electrical Power plants**



**Ship electric power plant with generators, main switchboard and automatic control system**



**Alternators with drive engines and regulators UG-8**



**Logical comptrrollers**



**Diesel generator control system with PLC**



**Manual synchronization systems**



**Battery charger**



**Distribution of active power synchronous generators,**



Synchronous generator Self-excitation system



Electric generator defences