

WE MAKE HER GO!



"A" Division

Auxiliary machinery: Ice machines, evaporators, steam heat, air conditioning, refrigeration, steering engines, repair shop, boat motors, fresh water distillers and whistle and siren.



"E" Division

All things electrical: Lighting, generators, electric motors and converters, elevators, sound powered telephones, gyro compass, movie machines and ship's service telephone.



"B" Division

Care and operation of eight boilers furnishing steam for main propulsion turbines, turbo generators, and all other steam machinery and equipment necessary for the ship.



Engineer Officer and Ass't.,
Lt. O. C. Oliver



"M" Division

Main turbines to turn screws. Other auxiliaries to keep main turbines in operation. Main engine control station which regulates speed of the ship on order from the bridge.

ENGINEERING DEPARTMENT MAKES HER GO

To drive the huge 33,000-ton **BENNINGTON** through the water at a speed of better than 30 knots demands a power plant which is beyond the comprehension of the average layman.

Besides moving the ship, the men who operate the power plant, the engineers, must heat her, cool her, provide light, steam, compressed air and hot and cold water.

Generators turned by high pressure steam turbines provide the electricity. If the **BENNINGTON** had to buy this power from some municipal light company she would have a bill of about \$2,000 daily. These power generators alone could serve a city almost the size of Berkeley, Calif.

The operators of the Engineering Department, the guys who are the "black gang," no longer heave coal. But in the Navy of today they must have a comprehensive knowledge of steam, electrical and mechanical engineering, boilers, turbines, generators, motors, refrigeration, air compression, hydraulic pumps and all of the thousand and one machines with which they live and work.

It is not surprising that there should be some men aboard a ship this large who are utterly unaware of the tremendous power being generated

below the messing compartments. They probably seldom think of the existence of hundreds of fellow crewmen working in intense heat, men who never breathe the fresh air of the right arm ratings, men to whom the engines' roar is a constant background of their conversation.

Down in the engine room they can't see the Japs, they hardly feel the concussion of the guns when they're fired. But when the "fullspeed ahead" order comes down from the bridge they are the boys who must pour it on. Like the linemen in football, the "black gang" may not get into headlines or get the medals, but they get the **BENNINGTON** to her objective.

These are the men whose every effort is to supply the ship with her life's blood of steam, water, air and electricity. These are the men who take the water we drink, the current to run our motors, fire our guns and light our ship, the heat to cook our food, the ice to cool our drinks. The engineers are the men who "make her go."

NOTE: All cartoons in this issue except one on page 8 and "Mole Call" are the work of men in the Engineering Department.