

2 FEBRUARY 1944

TO: ALL SHIPS AND STATIONS  
FROM: CHIEF OF NAVAL PERSONNEL  
SUBJECT: WAVES (DESCRIPTION OF)

THE FOLLOWING INFORMATION WAS DISSEMINATED TO THE NAVAL SERVICE AS BEING OF INTEREST TO ALL HANDS:

- 1 - THE WAVES WERE COMMISSIONED IN 1942. AVERAGE DISPLACEMENT 120 LBS. OVERALL LENGTH 65 INCHES.
- 2 - TWIN MOUNTS FORWARD, HIGH ON TOPSIDE, SUCTION TIPS PROVIDED. HAS SINGLE TORPEDO TUBE WHICH IS ADJUSTABLE, EXPANSION TYPE, TO FIT TORPEDO OF BALL-BEARING TYPE UP TO EIGHT INCHES. REVOLVING, QUICK CLOSING AND DUAL PURPOSE. FRICTION LOSS NEGLIGIBLE, SELF-LUBRICATING. HIGH HEAT RESISTING, LIGHTLY ARMORED, BUT DECEPTIVE. MULTIPLE SCREW PROPULSION AND POWERED BY STERN MODEL TWIN REAR ENGINE OF UNLIMITED OUTPUT. OUTPUT VARIES DIRECTLY WITH INPUT. FITTED WITH STROKE AND REVOLUTION EQUALIZER.
- 3 - BLUFF ON ENCOUNTER, AND MUST BE ANCHORED ON SOFT BOTTOM WITH CARE. FLIES "BAKER" FLAG ONCE A MONTH. WILL STAND VERY ROUGH PITCH AND ROLL, KEEPING DRIVE STAFF IN PLACE AND WELL GREASED.
- 4 - MAY BE DRIVEN FOR A SHORT TIME AT FORCED DRAFT AND MAXIMUM SPEED. TRIM LINES WHEN FULLY DRESSED AND ATTRACTIVE WHEN STRIPPED FOR ACTION. EASY TO OPERATE AND CONTACT, AND USUALLY CARRIES AN OFFICER OR RATED MAN ABOARD. APPARATUS SELDOM NEEDS AN OVERHAUL.
- 5 - TORPEDO TUBE MUST BE PRIMED FOR FIRING BY PRE-HEATING AND IS SLOW TO REACT AND HARD TO HANDLE WITH<sup>out</sup> EXPERT MANIPULATION. READY EXPANSION MAY BE OBTAINED BY MOVING THE TWIN MOUNTS ON TOPSIDE. VULNERABLE TO TORPEDO ATTACK AND SHOULD BE ATTACKED AT FORWARD AND FRONT IF POSSIBLE. MOST EFFECTIVE WHEN OPERATING ALONE AND NOT WHILE IN MASS FORMATION OR DURING HEAVY ESCORT IN COMPANY. NIGHT ATTACKS PREDOMINATE.
- 6 - DISPATCHES OR PROMPT BULLETINS WILL ADVISE OF CHANGE IN RIG, AND NEW OPERATIONS OR TICKLY NEW MOVEMENTS. ANY NEW POSITIONS OF ATTACK WILL BE SPEEDILY PUBLISHED.

CHIEF OF BUREAU

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