

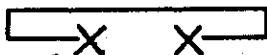
DL PLOTTING SYMBOLS



BROKEN LINE REPAIRED RED FOR FIRE MAIN
BLACK FOR OTHER PIPING



BREAK ISOLATED



BREAK BY-PASSED



ELECTRICAL POWER LOSS



POWER RESTORED

TELEPHONE COMMUNICATION LOSS

COMMUNICATIONS RESTORED

RADIO ACTIVE CONTAMINATION

SHORING

FIRE MAIN

STEAM LINE

WATERTIGHT DOOR

WATERTIGHT HATCH

ACCESS HATCH

PERSONNEL CASUALTIES

MEDICAL ASSISTANCE AT SCENE

K >

F/M

S/L

WTD

WTH

A/H

P

P

EFFECTS OF Weight & Stability

PART I

1015 Cruiser - Shift of Weight

$$\begin{aligned} \text{Disp} \times \text{Right Arm} &= \text{Righting Moment} \\ 12000 \times 2 \text{ feet} &= 24000 \text{ ST Tons} \\ 168 \times \text{ins} \end{aligned}$$

$$\begin{aligned} \text{Divide Disp} \times \text{Righting Moment} &= \text{Righting Arm} \\ \frac{W}{W} \times D &= (G) \end{aligned}$$

30° $\frac{1}{2}$ loss of G

90° 100%

$$\frac{10 W}{240 W} \times 9 \text{ ins} = \frac{90}{240} \frac{3}{8} = .375 \text{ or } .4 \text{ in}$$