

RIGHTING MOMENT (TRANSVERSE STABILITY)
= VESSEL WEIGHT X RIGHTING ARM (8.5ft.)

RIGHTING MOMENT, FT./LB. X 1000

WETTED SURFACE AREA
APPROXIMATES HULL
RESISTANCE AT LOWER
SPEEDS

150

160

170

180

190

200

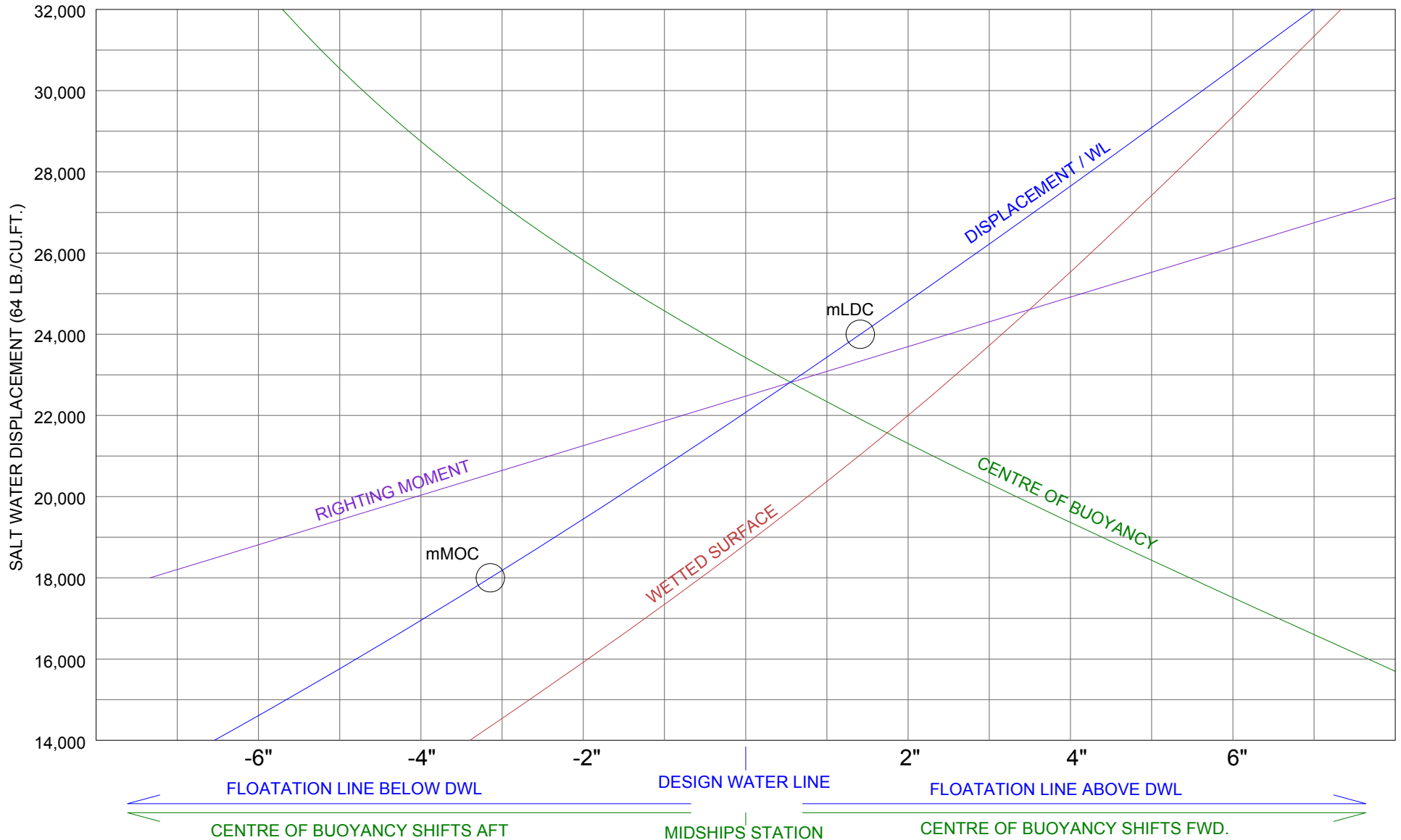
210

400

WETTED SURFACE AREA SQ. FT.

600

700



FOR CE OCEAN CLASS "A"
CERTIFICATION CALCULATIONS:
mMOC = MINIMUM OPERATIONAL CONDITION
mLDC = LOADED DISPLACEMENT CONDITION

DISPLACEMENT CHANGE
IN SALT WATER IS
APPROXIMATELY
1,300 LB. PER INCH OF IMMERSION

MOMENT TO TRIM 1"
=2900 FT.LB.

ANTARES 44 CALCULATIONS
HYDROSTATIC CURVES
CA-04-05

ISSUED JUNE 10, 2008

TC