# BUOYANCY CALCULATION SHEET [GN60 &GN61]

1. Owners name and address as on fishing licence:

   _____

   _____

2. Vessel ID # _____
3. Overall length of boat _____m
4. Maximum Width of boat _____m
5. Width of boat at transom just below point of water entry = _____m
6. Number of motors/outboards = _____
7. Total power of all motors /outboards fitted = _____HP
8. Total weight of boat including hull, fittings, safety gear and motor [docket(s) to be retained] _____kg's
9. Total weight of motor(s) from dealers / manufacturers catalogue/ pamphlet/ website "F" _____kg's
10. "M" = (8.) – (9.) _____kg's
11. "K" values for Aluminium = 0.62, Steel = 0.87 and GRP = 0.375
12. Minimum solid buoyancy required = 1.24*( M*K + F)/1000 = _____$m^3$
13. Solid buoyancy actually fitted[ see notes] = _____$m^3$
14. Type of buoyancy fitted [see note *a)*]
15. Photos of buoyancy in place taken YES/NO
16. Access covers for inspection fitted YES/NO

## Notes:

*a) Solid Buoyancy to be 'MICROLEN" or "THERMOTEC' or "BOUYANCY FOAM" as per:*

*http://www.nmsc.gov.au/marine_registers/index.php?pageNum_show_all_records=1&totalRows_show_all_records=72&MID=95&COMID=16&CID=0*

*b) Solid buoyancy: Must be fitted in block form, must **not** be poured inside boat in liquid form. Buoyancy to be fitted as follows--- 50% at the aft 30% length, 25% at sides under gunwale and 25% forward.*

*The buoyancy may be fitted at sides inside vessel under gunwales **and/or** outside boat above waterline.*

*c) Buoyancy to be fitted above deck to minimise chances of boat flipping over and floating upside down.*