

OPERATING PROCEDURE for "LEAKING WATER TANK"

Repair Procedure

1. Cut flooring around approximate shape of water tank to allow for easy access – preference for cut in deck is for 100mm radius corners, not square as Figure 1 shows. NOTE cut out similar to table size
 - 4strips of teak from starboard lounge
 - 6 strips from port lounge
 - 150mm off forward lounge
 - 200mm behind back of starboard lounge
2. Fill tank and watch carefully for the point of origin of leak (this is presumed to be where top of tank meets walls of tank)
3. Empty tank and grind back the entire tank flange glassing to allow for a good bond – refer to figure 3
4. Re glass tank flange using vinylester resin (ensure glass is resin rich) – refer to hatching on figure 4 & 5
5. Glass on a foam or timber stringer over the tank to reduce the amount of flex when the tank is overfilled (this will help prevent the problem re occurring)) – refer to hatching on figure 4 , 5 & 6
6. TEST the tank for leaks!
7. Glue a plywood or glass flange around the underside of the cutout to seat the removed piece – refer to hatching on figure 5 & 6
8. Remove teak and holly flooring, remove entire teak holly plank from section under table, also remove at least one strip wider than hole to allow for glass tape – refer to figure 5
9. Glue in removed floor piece
10. Grind around join and add glass taping
11. Re apply new flooring – flooring to be supplied by Seawind – shipwright to supply dimension with spare as required.

APPENDIX

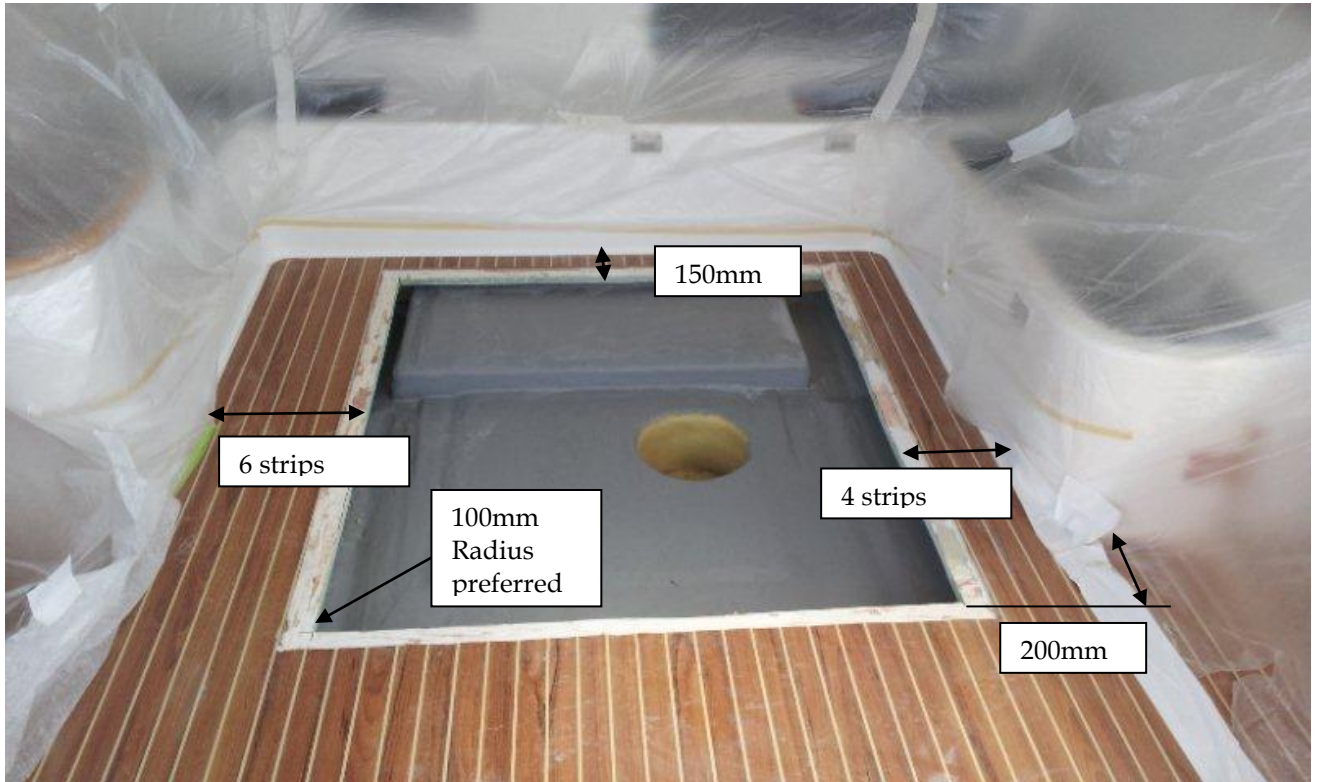


Figure 1



Figure 2 - cut out similar in size to table



Figure 3 - tank flange

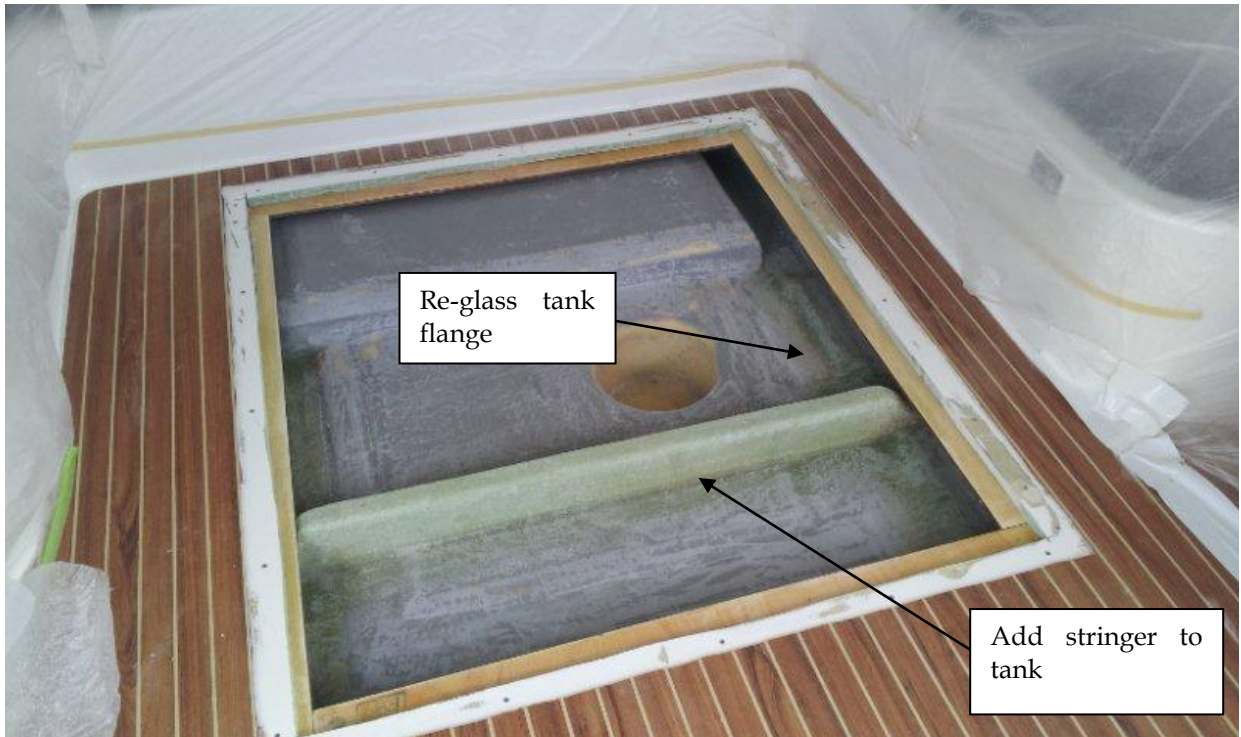


Figure 4- re-glass tank flange & add stringer

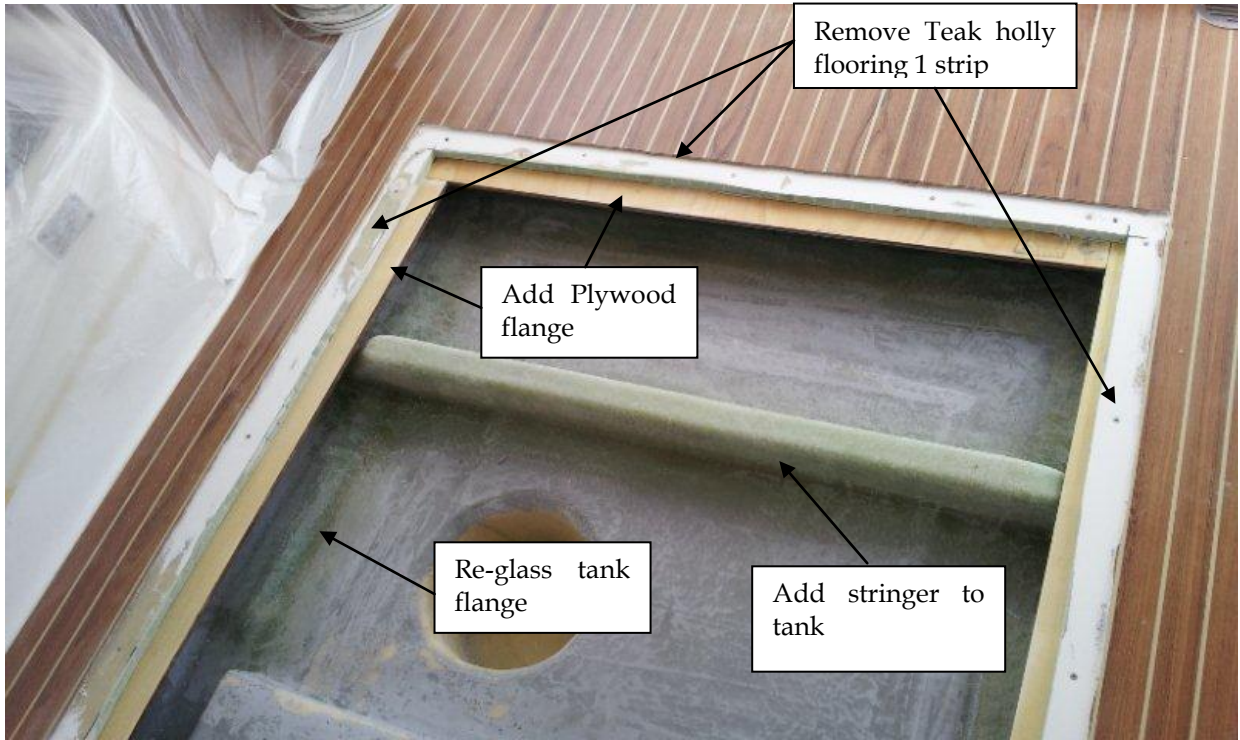


Figure 5

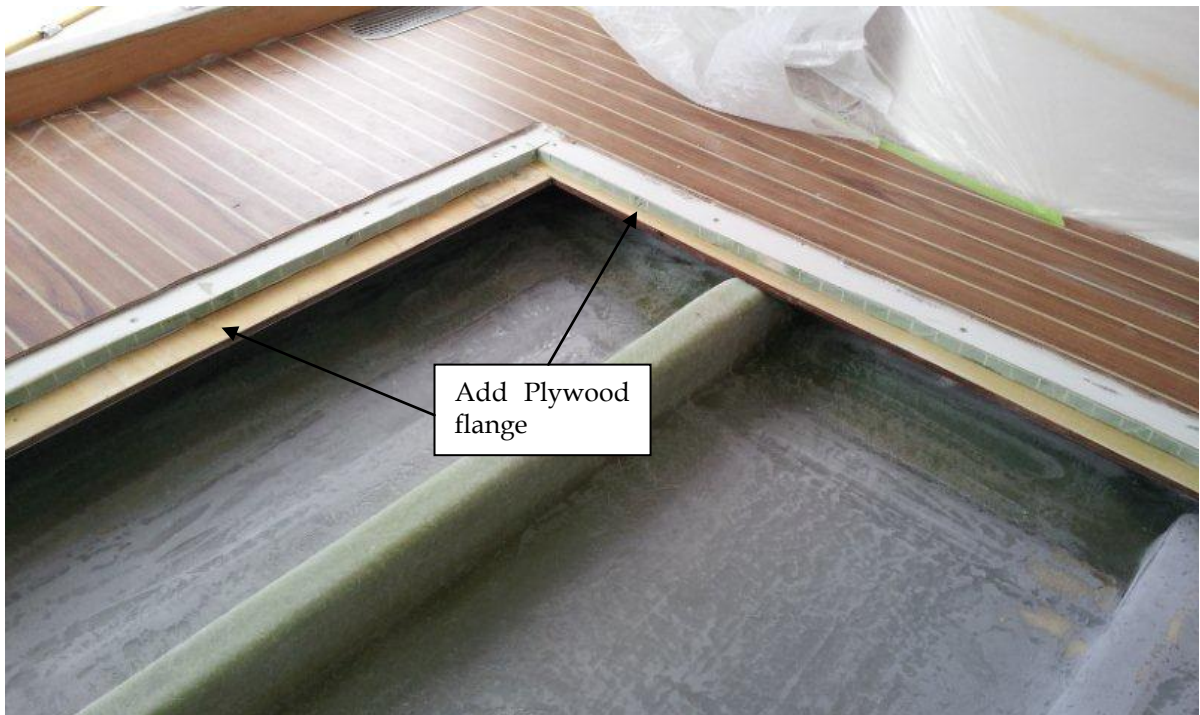


Figure 6