

























End of Year Review

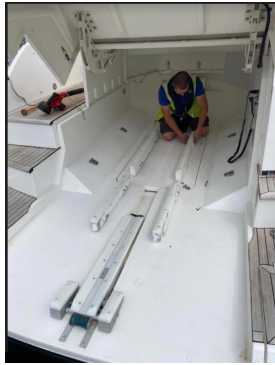
Matt Jones-Hughes



As I have been working for Aquamare Marine for over a year I have completed a large variety of tasks. An example of a job I enjoyed but also found challenging is installing a crane supplied by Opacmare. I have completed a step-by-step guide/report as it would be helpful for the next crane installation, they are also used to ensure the work has been done correctly.

 <p>PREPARATION Crate and packaging removed from crane and disposed of correctly</p>	 <p>INSTALLATION PVL template was used to find correct position for drill off pattern</p>	 <p>INSTALLATION Mounting stud position were drilled and tapped through then studs were installed</p>
 <p>INSTALLATION All packaging removed and crane checked for damage</p>	 <p>INSTALLATION Pattern shown in correct position prior to drilling off</p>	 <p>INSTALLATION Mounting studs are installed, studs are 120mm with 60 mm above deck</p>
 <p>INSTALLATION All fibre glass cover panels were removed and stored safely and protected on the Flybridge</p>	 <p>INSTALLATION Pattern shown marked out in correct position, the 2 studs highlighted are left out because there is no way to put a nut on the other side, stud highlighted in yellow can only have 40mm above deck else it interferes with oil reservoir</p>	 <p>INSTALLATION On the underside two backing plates were secured in place again using the appropriate sealant</p>
 <p>INSTALLATION PVL supplied mounting plates, these are required prior to installation beginning</p>	 <p>INSTALLATION Teak was routed out and removed to allow the mounting</p>	 <p>INSTALLATION Appropriate amount of the correct sealant applied as shown</p>
 <p>INSTALLATION Spacer plate bolted down and excess sealant removed</p>	 <p>INSTALLATION Gland sealed with correct sealant to become weather proof</p>	 <p>SERIAL NUMBER Assigned To Note Serial number shown for future reference</p>
 <p>INSTALLATION Once the initial bracket was bolted down it has then been double nutted on both sides</p>	 <p>INSTALLATION 24v positive and negative shown connected. The term shown highlighted is a motor safety cable and connects to the opacmare loom marked SAF</p>	 <p>CRANE PLAQUE Assigned To Note Crane plaque shown for future reference</p>
 <p>INSTALLATION All studs double nutted on both sides as shown</p>	 <p>INSTALLATION Assigned To Remove Hand Set Location: After doing some checking it was discovered that the remote station for the hand set is an option and not standard. However we have run this cable in and left it in the starboard cockpit locker as shown in case the owner wants to fit it at a later date. The other end has been left at the crane as shown in the next photo</p>	 <p>INSTALLATION All covers were replaced</p>
 <p>INSTALLATION Water proof gland installed to protect cables passing through the deck</p>	 <p>INSTALLATION Assigned To Remove Hand Set Location: As the mentioned in the previous photo see other end of cable.</p>	 <p>PAPER WORK Assigned To Note Paper work/remote was kept in the van due to there being no blue bin to put them in</p>

Off the job training at college I have found extremely helpful as it allows me to learn the important details of the marine industry and engineering, so I am able to excel and use that information during tasks at work. The college provides anything needed for me to learn in the way I learn and are relatively lenient towards the way they conduct their lessons to ensure I'm learning as much as possible.



This image is of me removing a simple tender launch system as the customer requested an easier, more efficient launch system was installed. The main structure was removed and the glue residue was cleaned.



The section where the previous launch system was installed has been built up to become level with the rest of the area. Then the new launch system was secured in the correct position using stainless steel bolts and a strong adhesive.

I feel I've improved with the use of tools that are new to me and the efficiency and quality of my work has also generally improved. When I first started most electrical systems were too complex for my understanding however now I feel as if my overall knowledge of electrical systems has improved, I'm able to build up looms and wire multiple types of motors, pumps and devices which I feel is a big improvement.

I'm really enjoying working at Aquamare Marine which allows me to persevere and improve at a faster rate. Although I enjoy working in a team, one of my goals is to be able to work independently and not having to rely on an engineer to help me with the task at hand.