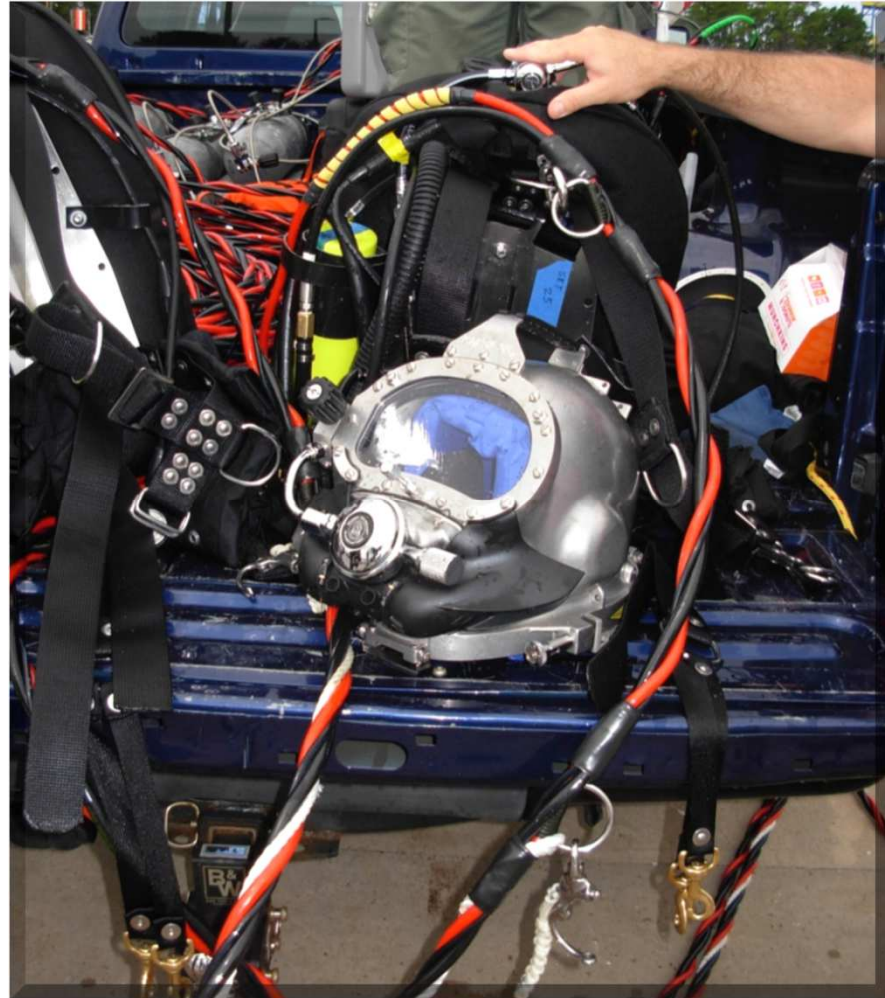




KIRBY MORGAN HELMET MODELS 17A/B, 17C, 17K, 27, KM-37, 47, 57, 77, 97



POST DIVE CLEANING, MAINTENANCE, AND INSPECTION CHECKLIST APPENDIX A2.6





KIRBY MORGAN DIVE SYSTEMS INCORPORATED MAINTENANCE AND REPAIR TECHNICIAN TRAINING



- Only selected Dive Lab trained Technicians are authorized to teach the Technicians Course
 - Only Dive Lab authorized Technicians may teach the KMDSI Operator/User Course
 - Course curriculum must be presented within the guidelines set-up in the repair technician's guide and slide show
-
- This presentation is available at no charge from www.divelab.com for the use of Kirby Morgan Customers & users of Kirby Morgan Diving Equipment ONLY
 - **THIS MATERIAL MAY NOT BE CHANGED OR MODIFIED WITHOUT PERMISSION FROM DIVE LAB**



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Post dive cleaning and inspection should be performed at the end of daily diving operations or at least every 24 hours during continuous diving operation





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Helmet(s) being used in polluted waters, or extreme environments, will require more frequent cleaning, inspection and maintenance





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- During removal of components for inspection, O-rings and other consumable items may be reused, providing they are clean and a visual inspection does not reveal any damage or deterioration





POST DIVE CLEANING/MAINTENANCE & INSPECTION



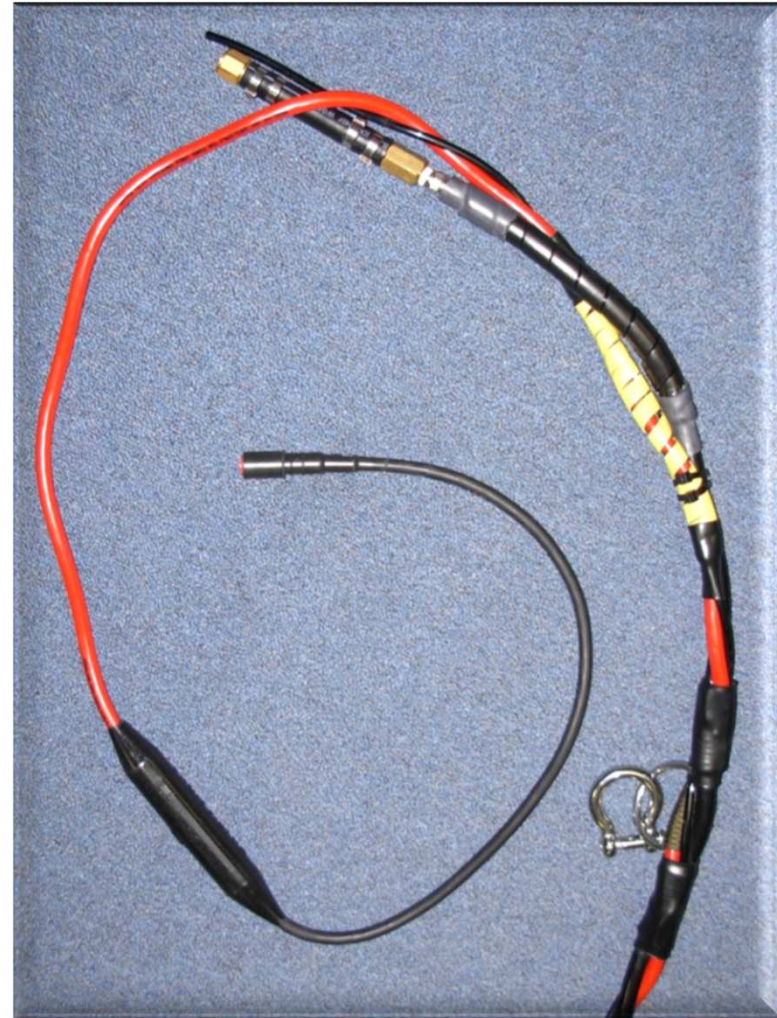
- This cleaning and maintenance schedule is recommended for all KM helmets, band masks and should be performed at least on a **DAILY** basis
- Detailed instructions are located in the applicable O & M Manual



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Disconnect and cap or tape Helmet Gas Connections and disconnect the communication wires
- Cap or tape Umbilical End





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Remove the Demand Regulator Clamp, Cover, and Diaphragm Assembly, Wash the interior of the Demand Regulator with mild detergent and fresh water, then rinse thoroughly





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Wash entire Helmet with a solution of mild detergent and fresh water, then rinse
- Soaking helmet in soap and water works best





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Rinse in fresh water
- Soaking in fresh water will ensure all the soap is rinsed off
- Inspect for signs of damage

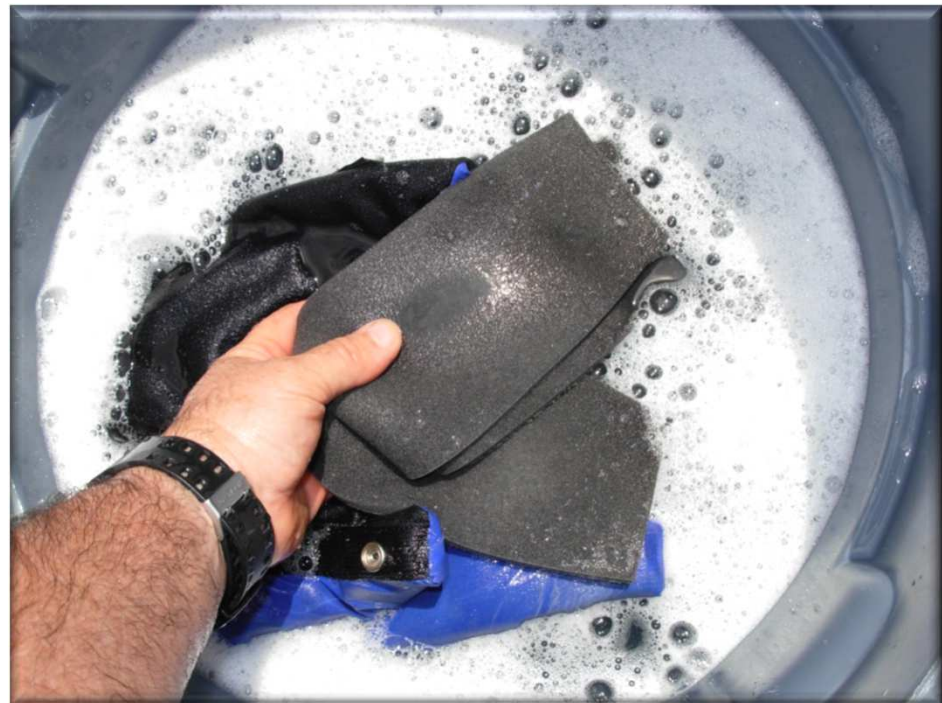




POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Remove the Head Cushion Assembly, Inspect for damage
- If the Head Cushion has gotten wet with perspiration or water, clean and hang-up for drying or airing





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Wash helmet liner in soap and water
- Do not machine wash or dry, machines can destroy liner or foam
- Rinse in fresh water and drip dry only

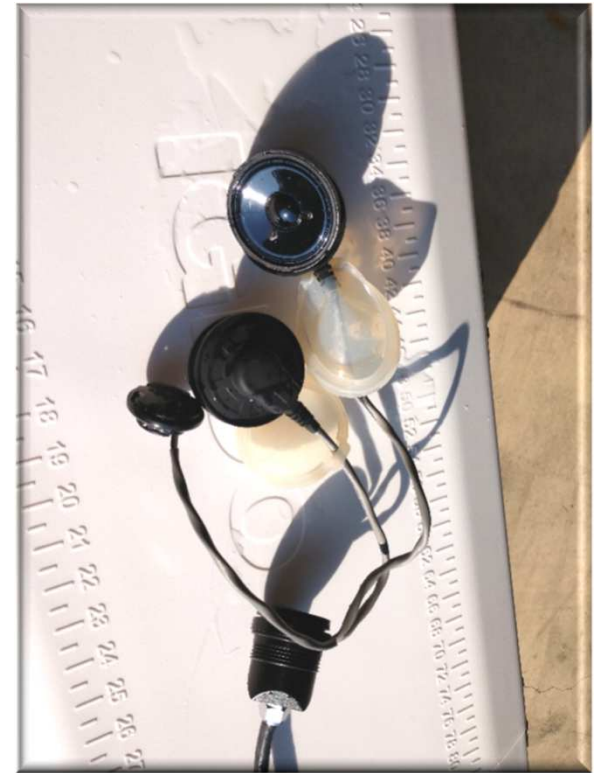
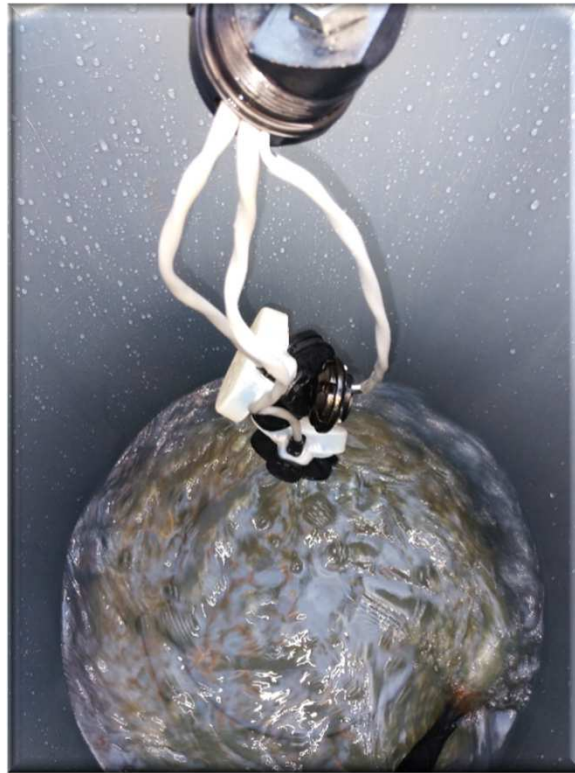




POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Remove earphone protective covers, wash Mic and earphones with mild detergent solution, rinse with fresh water and allow to dry





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Lay out all components



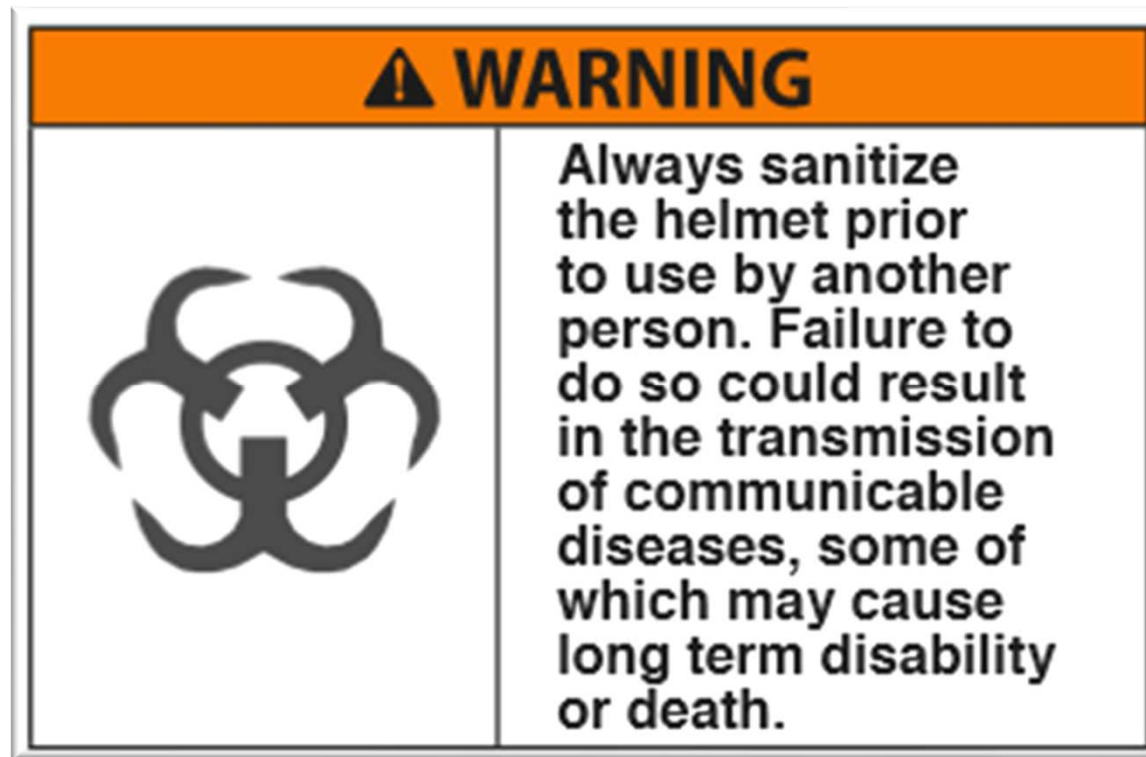
- Allow enough time to dry before putting helmet away



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- For sanitizing procedures, refer to “KM Manual: General Preventive Maintenance section 6 & 7: “Quick Sanitizing Procedure”





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Rotate Regulator Adjustment Knob fully out (counter clockwise)
- Close the Emergency Supply and Steady Flow Valves

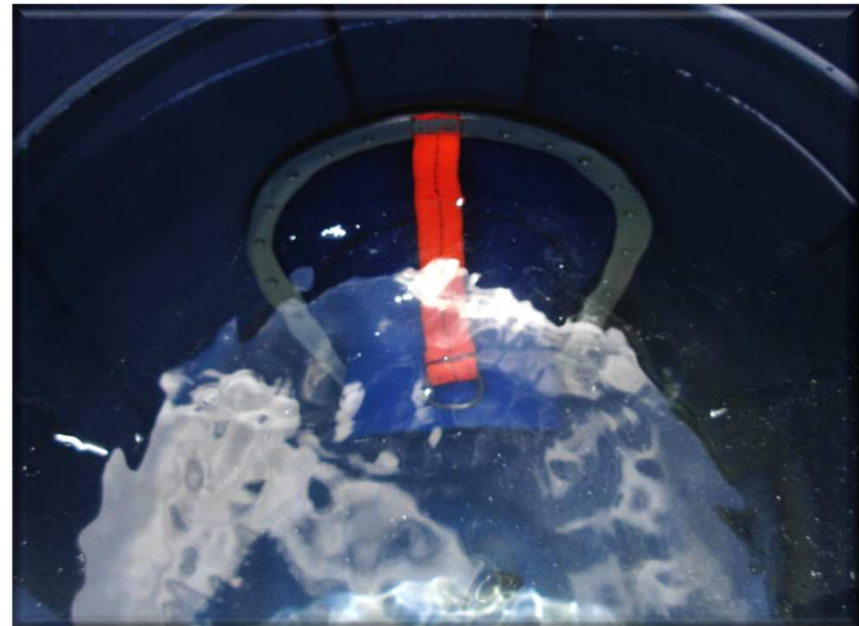




POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Clean the Neck Ring, Assemblies (SL17K, 17C, 27, KM-37, 47, 57, 77) with mild detergent solution, thoroughly rinse with fresh water





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Clean the Neck Dam and Neck Clamp and Latch Catch (SL-17A/B Assembly) with a mild detergent solution
- Operate the Neck Clamp and Latch Catch (SL-17A/B), rinse with fresh water





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Wipe all surfaces with a clean, dry towel to remove water droplets. Allow to air dry.
- Cap (or bag and tape) the Emergency Gas Whip on the First Stage Regulator



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Wash the exterior of all EGS components, the First Stage Regulator, the Gas Cylinder, the Submersible Pressure Gauge, and the Harness Assembly with a mild detergent solution and rinse with fresh water



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Note any damage or discrepancies found during cleaning





POST DIVE CLEANING/MAINTENANCE & INSPECTION



- KMDSI **highly** recommends that a certified KMDSI Repair Technician make all repairs and that only genuine KMDSI repair and replacement parts be used
- Owners of KMDSI products that elect to do their own repairs and inspections should only do so if they possess the knowledge and experience
- All inspections, maintenance, and repairs should be completed using the appropriate KMDSI Operations and Maintenance Manual(s)



POST DIVE CLEANING/MAINTENANCE & INSPECTION



- Persons performing repairs should retain all replacement component receipts for additional proof of maintenance history
- Should any questions on procedures, components, or repairs arise, please contact Kirby Morgan Dive Systems Inc. by telephone at (805) 928-7772 or via email at kmdsi@kirbymorgan.com or contact Dive Lab by telephone at (850) 235-2715 or via email at divelab@divelab.com