



What will the P2A SHIPALT do for your ship?

- Installs P2A equipment which will:
 - Reduce the amount of Hazardous Material (HM) procured and the amount of excess HM offloaded
 - **Saves you money!**
 - Reduce labor hours required to do maintenance
 - **Saves you time!**
 - Reduces or eliminates exposure to HM
 - **Improves your work environment!**

Bottom Line: Makes your job easier!



What kind of equipment do you get?

- Aqueous Parts Washers
 - Reduces rag and P-D-680 solvent usage
- Paint Dispensers
 - Mixes paint, issues correct quantities, eliminates spills, keeps paint locker organized
- Paint Brush Holders
 - Allows brushes to be reused multiple times, keeps paint locker organized
- Mercury Ion Exchange Cartridge System
 - Eliminates storage of liquid mercury wastes
- Pneumatic Pressure Washer
 - Makes bilge and equipment cleaning easier, reduces rag usage



What kind of equipment do you get?

- Various Vacuum Cleaners & Sanders
 - Easy cleanup of fuel and other liquid spills
 - Easy cleanup of paint chips
- Cable Cleaner and Lubricator
 - Easy cleaning and re-greasing of wire rope
 - Reduces number of sailors required to do this maintenance & prevents injury to sailors' hands
- Maintenance Free Batteries
 - Batteries last longer and no maintenance is required
- Various Hand Pumps, Spray Bottles, Hand Wipes, and Drum Liquid Level Indicators
 - Make issuing and using HM easier & eliminates waste
- Reciprocating Saw
 - Reduces use of cutting torches



P2A Program Checklist

- ✓ Use the equipment
 - ✓ The more it is used the more savings you get from it
 - ✓ Submit PMS feedback reports if new uses are identified
- ✓ Make sure new personnel are trained on equipment usage
 - ✓ Video tapes
 - ✓ Contact ISEA or FTSC if additional training or support is required
- ✓ Order consumables & replacement equipment as necessary

Make P2A a command priority!



Paint Dispenser Checklist

- ✓ Follow all operating & maintenance procedures
- ✓ Stir paint in original container prior to using it to fill the dispenser
- ✓ Don't overfill or let paint level drop below minimum level
- ✓ Keep lid closed
- ✓ Circulate paint daily
- ✓ Clean out when required
- ✓ Conduct lay-up maintenance if not being used

Remember... Paint Dries!



Aqueous Parts Washer Checklist

- ✓ Daily
 - ✓ Clean out chips
 - ✓ Check cleaning solution level
 - ✓ Check and change filter if necessary (10-15 psig on differential pressure gauge)
- ✓ Weekly
 - ✓ Check detergent concentration
 - ✓ Titration kit
 - ✓ Skim oil if necessary
- ✓ Monthly
 - ✓ Remove sludge if 1" or more in tank
 - ✓ Remove sludge from "Y" strainer

**Washer will not work properly and will corrode
if detergent concentration is incorrect!**



Mercury Ion Exchange Cartridge System Checklist

- ✓ Before first use
 - ✓ Follow all setup procedures including cartridge backfilling
- ✓ Keep cartridge resin beds wet at all times
 - ✓ Pour distilled water through the cartridges periodically to keep wet
- ✓ Label cartridges with installation date and change the cartridges every 6 months
- ✓ If tubing after the first cartridge turns purple, replace both cartridges and replace the tubing

Failure to change cartridges every 6 months could result in release of mercury!