

## **DEC Cruise Ship Technology Conference**

Wed., Feb 18 8am-5pm Centennial Hall Juneau

The Department will host a conference on new technologies that are available to treat harmful discharges: ammonia and dissolved metals.

### **AMMONIA Technologies:**

- Air & Steam Stripping (mechanical removal)
- Aerobic Biological Oxidation / Nitrification
- Reverse Osmosis
- Ion Exchange (Electrochemical)
- Breakthrough Chlorination (chemical removal)
- Chemical Precipitation

### **METAL REMOVAL Technologies:**

- Sulfide Precipitation
- Scavenging Ion Exchange (SIX) Technology
- Surface Clay Filtration System
- Reverse Osmosis

These technologies could be add-on controls and/or process controls integrated into the existing waste water treatment installations.

There will be participation by the cruise ship industry, manufacturers, engineers, and suppliers of waste water treatment installations that can remove and/or reduce the levels of pollutants of concern. DEC has identified the above technologies as having potential for installation on large cruise ships. Please plan to attend this important, 1-day conference, a first for Alaska and the nation.

Centennial Hall, Wed 2/18/09 8am-5pm / 6-8pm public wrap-up