

Standard for Ships arriving from outside EEZ

- Exchange plus treatment to IMO D2 standard
- Allows shipowner to use IMO approved treatment system – not different one for the Great Lakes
- Standardized Port State Control Regime
- Science suggests immediate 10 x decrease in risk over IMO standard



Interim Technology for Lakers Filtration



- **First step – strainers on ballast water suction**
- **Second Step 50micron self cleaning filters**
- **Advantages**
- **Science and engineering on record – Demonstration P**
- **Latest technology can meet typical Laker flow rates**
- **Technology off the shelf**
- **No environmental or safety issues**
- **If eventually fit BW technology – most use filtration as a first step**

Logistical Needs

- **BW Technology Testing in Fresh Water**
- **Increased cooperation for Binational Science**
- **Regulation / technology to deal with “Other Vectors**