

Summary of Mississippi Department of Marine Resources
AIS activities October 2010 through March 2011

- 609 miles of waterway surveyed for early detection of new outbreaks of AIS
- 183 mile quarterly aerial photo survey conducted for early detection of new outbreaks of AIS.
- New infestations of common salvinia in the Pascagoula River and Brazilian elodea in Harrison County were discovered, immediately treated with herbicide and reported to NAS database
- Applied 180 gallons of herbicide in accordance with all state and Federal regulations to combat new and existing infestations of giant salvinia, common salvinia, water hyacinth, cogon grass, Chinese tallow and Brazilian elodea.
- 1,000 "Invasive Lionfish" awareness decals produced and about 600 distributed so far to dive shops and charter boat captains, etc.
- Published article about invasive Lionfish threat in Mississippi (Coastal Angler Magazine, Dec. 2010).
- Purchased a \$27,500 remote control helicopter camera system for experimental use in detecting harmful AIS in difficult-to-access open marsh areas with funds from a grant from USFWS.
- Application process for FAA approval to use above R/C helicopter is underway.
- Supervised aerial application of Clearcast herbicide to 340 acres of Coastal Preserve lands for selective control of Chinese tallow trees.
- "Stop Aquatic Hitchhikers" signs produced and installed at 40 boat ramps in the coastal area.
- report.invasive@dmr.ms.gov email address created and invasive species reporting form developed to facilitate public reporting of AIS.
- Attended invasive species coordinator training workshop / webinar.
- Participated in public comment webinar hosted by EPA regarding proposed changes to the Clean Water Act designed to help stop the spread of AIS.