

Gulf of Mexico Hypoxia Monitoring Cruise Information

Basic Information				Spatial Extent		
PI Name	Survey Start Date	Duration (days)	Vessel	Portion of Shelf Covered	Brief Description	Method / Equipment
Howden	Monthly	2	LeMoyne	St. Louis Bay, MS, western Mississippi Sound, and out to 20 m isobath south of barrier islands (CenGOOS mooring)	cross-shelf transect	SeaBird SBE43 with DO probe + Rinko 3 Optode DO sensor
Rabalais	April 15-16	2	Pelican	Transects C & F	transect monitoring	SeaBird 911+ CTD
DiMarco	April 25-30	6	Pelican	4 stations on LA shelf	process studies	
Rabalais	May 16-17	2	Pelican	Transects C & F	monitoring and process studies	SeaBird 911+ CTD
Rabalais	June 12-13	2	Pelican	Transects C & F	transect monitoring	SeaBird 911+ CTD
DiMarco	June 11-16	6	Manta	East Matagorda Bay to Southwest Pass	continuous monitoring	Acrobat towfish
SEAMAP	June-July	35	Oregon II	Brownsville, TX to east of MS River	between the 10 and 200 m isobaths	
Rabalais	July 22-28	6	Pelican	MS River to northern TX shelf	shelf-wide survey	
Thomas	July 28 - Aug 4	7		parts of transects B,C,F, H,I, east of delta	croaker sampling	
DiMarco	Aug 14-19	5	Manta	East Matagorda Bay to Southwest Pass	continuous monitoring	Acrobat towfish
Rabalais	Aug 21-22	4	Pelican	Transects C & F	monitoring and process studies	SeaBird 911+ CTD
DiMarco	Aug 16-21	6	Pelican	5 stations on LA shelf	process studies	

Additional Measurements
Standard hydrographic, physical, optical, chemical, and biological parameters
Standard hydrographic, physical, chemical, and biological parameters; ADCP data
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SeaBird SBE43 dissolved oxygen sensor, Seabird CTD, and Wetlabs Fluorometer/Turbidity sensor
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