



# UNITED STATES COAST GUARD

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## REPORT OF INVESTIGATION INTO THE CIRCUMSTANCES SURROUNDING THE INCIDENT INVOLVING TUG JOHN H MACMILLAN, JR / ALLISIONS

ON 10/28/2002



MISLE Activity Number: 1697682  
ORIGINATING UNIT: MSU BATON ROUGE  
MISLE Activity Owner: COMMANDANT (G-MRI)  
MISLE Activity Controller: COMMANDANT (G-MRI)  
MISLE CASE NUMBER: 0

## I. INCIDENT BRIEF

On 28OCT02, the tug JOHN H. MACMILLAN, pushing ahead a tow of 42 loaded dry cargo barges, allided with the tank barge SCC 107 that was moored at the Rhodia Dock located at mile 234 on the Lower Mississippi River. The tank barge SCC 107, dry-cargo barges AB 68 and ART 1020, and the Rhodia and Formosa Plastics Docks all received damage as a result of this allision. The total damage amount is approximately \$940,000. The apparent cause of this casualty was an unknown object became lodged in the tug JOHN H. MACMILLAN's port propeller while transiting Wilkerson Point, making the port propeller inoperable for approximately 15 seconds. No injuries or pollution resulted from this casualty. See correspondence # 8907 for details.

## II. EXECUTIVE SUMMARY

### Incident Summary

On 28OCT02, the tug JOHN H. MACMILLAN, pushing ahead a tow of 42 loaded dry cargo barges, allided with the tank barge SCC 107 that was moored at the Rhodia Dock located at mile 234 on the Lower Mississippi River. The tank barge SCC 107, dry-cargo barges AB 68 and ART 1020, and the Rhodia and Formosa Plastics Docks all received damage as a result of this allision. The total damage amount is approximately \$940,000. The apparent cause of this casualty was an unknown object became lodged in the tug JOHN H. MACMILLAN's port propeller while transiting Wilkerson Point, making the port propeller inoperable for approximately 15 seconds. No injuries or pollution resulted from this casualty. See correspondence # 8907 for details.

Incident Involved: Marine Casualty, Reportable

Level of Investigation: Informal

IMO Classification: Routine

USCG Classification: Major Marine Casualty

Was this a Serious Marine Incident? Yes

Was a Marine Board Convened by Commandant? No

### Personnel Casualty Summary

Total Missing (Active Search) = 0

Total Missing (Presumed Lost) = 0

Total Dead = 0

Total Injured = 0

Total Uninjured = 0

Total People at Risk = 0

Other Personnel (Not at Risk) = 12

### Vessel(s) Status Summary

Actual Total Loss(es) = 0

Total Constructive Loss, Salvaged = 0

Total Constructive Loss, Unsalvaged = 0

Damaged = 3

Undamaged = 2

### Property Damage Summary/Total Damage

Vessel(s) = \$90000\*

Cargo = \$

Facility(s) = \$850000\*

Other = \$

Report of Investigation

\* Includes estimates

**Waterway Mobility Summary**

Vessel Delays (including speed restrictions): None

**III. ACTIONS IN RESPONSE TO THIS REPORT**

**Actions on Recommendations**

N/A

**Safety Alerts**

N/A

#### IV. FINDINGS OF FACT

##### Subjects of the Investigation

**Vessels.** The following vessels were subjects of this investigation. Particulars for each vessel follow.

Vessel Name:	AB 68
Flag:	UNITED STATES
Vessel Identification Number:	540298
Call Sign:	
Status:	Damaged
Role:	Involved in a Marine Casualty
Vessel Class, Type, Sub-Type:	Barge, General,
Gross Tonnage(GRT):	
Net Tonnage(NRT):	
Deadweight Tons:	
Length:	
Home/Hailing Port:	
Keel Laid Date:	
Delivery Date:	
Place of Construction:	AMBRIDGE, PENNSYLVANIA, ,
Builder Name:	
Propulsion:	
Horsepower:	
Master:	
Classification Society:	
Owner:	BANKERS TRUST COMPANY CORP TRUST & AGENCY GROUP FOUR ALBANY ST 4TH FLOOR ATTN: KEVIN WEEKS NEW YORK, NY, 10006 BANKERS TRUST COMPANY CORPORATE TRUST 16 WALL STREET  NEW YORK, NY, 10015
Operator:	
Inspection Subchapter:	
Most Recent Vessel Inspection Activity:	

Vessel Name:	ART 1020
Flag:	UNITED STATES
Vessel Identification Number:	ART 1020
Call Sign:	

Report of Investigation
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Status:	Undamaged
Role:	Involved in a Marine Casualty
Vessel Class, Type, Sub-Type:	Barge, Dry Cargo Barge, Convertible
Gross Tonnage(GRT):	
Net Tonnage(NRT):	
Deadweight Tons:	
Length:	
Home/Hailing Port:	National Vessel Documentation Center, WV
Keel Laid Date:	
Delivery Date:	
Place of Construction:	
Builder Name:	
Propulsion:	
Horsepower:	
Master:	
Classification Society:	
Owner:	
Operator:	
Inspection Subchapter:	
Most Recent Vessel Inspection Activity:	

Vessel Name:	AT 110
Flag:	UNITED STATES
Vessel Identification Number:	564110
Call Sign:	
Status:	Damaged
Role:	Involved in a Marine Casualty
Vessel Class, Type, Sub-Type:	Barge, General,
Gross Tonnage(GRT):	
Net Tonnage(NRT):	
Deadweight Tons:	
Length:	
Home/Hailing Port:	
Keel Laid Date:	
Delivery Date:	01/01/1975
Place of Construction:	BROWNSVILLE, PA, , UNITED STATES
Builder Name:	HILLMAN BARGE & CONST.
Propulsion:	
Horsepower:	
Master:	
Classification Society:	
Owner:	AGRI TRANS CORP IL SALEM LAKE DR  LONG GROVE, IL, 60047
Operator:	

Report of Investigation
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Inspection Subchapter: N  
Most Recent Vessel Inspection Activity:

Vessel Name: JOHN H. MACMILLAN, JR.  
Flag: UNITED STATES  
Vessel Identification Number: 294692  
Call Sign: WO3319  
Status: Undamaged  
Role: Involved in a Marine Casualty  
Vessel Class, Type, Sub-Type: Towing Vessel, General,  
Gross Tonnage(GRT):  
Net Tonnage(NRT):  
Deadweight Tons:  
Length:  
Home/Hailing Port:  
Keel Laid Date:  
Delivery Date:  
Place of Construction: ST. LOUIS MO, , UNITED STATES  
Builder Name: ST.LOUIS SHIPBLDG-FEDERAL  
Propulsion:  
Horsepower: 8000  
Master:  
Classification Society:  
Owner: AMERICAN RIVER TRANSPORTATION  
CO  
ATTN PORT CAPT  
PO BOX 2889  
  
ST LOUIS, MO, 63111  
CARGO CARRIERS, INCORPORATED  
1209 ORANGE ST.  
  
WILMINGTON, DE, 19801

Operator:  
Inspection Subchapter:  
Most Recent Vessel Inspection Activity:

Vessel Name: SCC 107  
Flag: UNITED STATES  
Vessel Identification Number: CG000371  
Call Sign:  
Status: Damaged  
Role: Involved in a Marine Casualty

Report of Investigation
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Vessel Class, Type, Sub-Type:	Barge, Bulk Liquid Cargo (Tank) Barge, Non-Flammable Liquid Cargo Barge
Gross Tonnage(GRT):	
Net Tonnage(NRT):	
Deadweight Tons:	
Length:	195
Home/Hailing Port:	
Keel Laid Date:	
Delivery Date:	09/12/1983
Place of Construction:	BRUSLY, LOUISIANA, ,
Builder Name:	
Propulsion:	
Horsepower:	
Master:	
Classification Society:	
Owner:	RHODIA INC. 8615 Manchester Houston, TX, 77012 US
Operator:	RHODIA INC. 8615 Manchester Houston, TX, 77012 US
Inspection Subchapter:	OI
Most Recent Vessel Inspection Activity:	1076124, 11/16/2001
Current Certificate of Inspection:	Issued on 08/16/2000, by MSO NEW ORLEANS

**Facilities.** The following facilities were subjects of this investigation. Particulars for each facility follow.

Facility Name:	FORMOSA PLASTICS
Type:	Waterfront Facility
Status:	Damaged and Repaired - Operational
Role:	Site of Incident
Contact Phone:	
Location:	Latitude: 30 29.1167 N Longitude: 091 11.1499 W

Facility Name:	RHODIA INC.
Type:	Waterfront Facility
Status:	Damaged and Repaired - Operational
Role:	Site of Incident
Contact Phone:	
Location:	Latitude: 30 30.1167 N Longitude: 091 11.1167 W



Report of Investigation

**Other Subjects.** The following were subjects of this investigation.

**Waterway Segment(s).** The following waterway segment(s) were subjects of this investigation.

MISSISSIPPI RIVER

Role: Location

Local Name: MM 228-237

Description: MISS R, BATON ROUGE TO NEW ORLEANS

**Incident Information**

**Location(s).**

<u>Description</u>	<u>Latitude</u>	<u>Longitude</u>
MISSISSIPPI RIVER	30 30.7 N	091 11.7 W
MISSISSIPPI RIVER	30 30.7 N	091 40.1 W
Aboard Vessel: JOHN H. MACMILLAN, JR.: MISSISSIPPI	30 30.7 N	091 40.1 W

**Sequence of Events.**

10/28/2002 23:48 to 10/28/2002 23:50 (Estimated): Mr. [REDACTED] was flanking the tug JOHN H. MACMILLAN, JR. and its tow of 42 dry cargo barges south around the Wilkerson Point Bend at mile 234 LMR.

Action Type: Bridge Operations - Shiphandling  
Action Class: Maneuver in accordance with sea/river/weather conditions  
Location: Known; US Waters  
Description: MISSISSIPPI RIVER  
Latitude: 30 30.7 N Longitude: 091 11.7 W

**Subject(s) and Details:**

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
[REDACTED]	Party	Not at Risk	Watchstander

Details Filed: None

10/28/2002 23:49 to 10/28/2002 23:49 (Estimated): As the tug was flanking the Wilkerson Point Bend at mile 234 LMR, an unknown object passed through the port wheel. This caused the wheel to lock up for approximately 15 seconds. After 15 seconds, the object came free of the wheel and the prop began turning normally.

Event Type: Material Failure (Vessels)  
Event Class: Engineering  
Event Subclass:  
Location: Known; US Waters

Report of Investigation

Description: MISSISSIPPI RIVER  
Latitude: 30 30.7 N Longitude: 091 11.7 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
JOHN H. MACMILLAN, JR.	Vessel	Undamaged	Involved in a Marine Casualty

Details Filed: Material/Equipment Failure

System: Engineering  
 Sub-System: Diesel Engine (propulsion-reduction gear)  
 Component:  
 Failure: Yes  
 Category: Unintended Subsystem Shutdown/Failure  
 Details: An unknown object passed through the port propeller causing it to fail for approximately 15 seconds. After 15 seconds, the object became unlodged, and the port propeller became operable again.  
 Cite:

Equipment Approval Information

Q-Number:  
 Manufacturer:  
 Serial No:  
 Year Built:  
 Description:

10/28/2002 23:50 to 10/28/2002 23:50 (Estimated): As a result of the object becoming lodged in the wheel, the vessel lost control of its port propeller for approximately 15 seconds while flanking the bend.

Event Type: Vessel Maneuverability  
 Event Class: Partial Reduction  
 Event Subclass:  
 Location: Known; US Waters  
 Description: MISSISSIPPI RIVER  
 Latitude: 30 30.7 N Longitude: 091 11.7 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
JOHN H. MACMILLAN, JR.	Vessel	Undamaged	Involved in a Marine Casualty

Details Filed: None

10/28/2002 23:50 to 10/28/2002 23:50 (Estimated): An unknown object became lodged in the port propeller making it inoperable for approximately 15 seconds.

Condition Class: Vessel, Facility, Equipment, Gear, or Cargo  
 Condition Type: Vessel Material/Equipment Condition  
 Subject Type:  
 Location: Known; US Waters  
 Description: MISSISSIPPI RIVER  
 Latitude: 30 30.7 N Longitude: 091 11.7 W

Report of Investigation
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Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
JOHN H. MACMILLAN, JR.	Vessel	Undamaged	Involved in a Marine Casualty

Details Filed: Material/Equipment Condition

System:	Engineering
Sub-System:	Shafting/Propeller Arrangements
Component:	Propeller (fixed pitch)
Details:	The propeller received no permanent damage as a result of the lodged object. After the object became free of the propeller, the propeller operated as normal.
Cite:	

10/28/2002 23:51 to 10/28/2002 23:51 (Estimated): The starboard string stern barge AT 110 collided with the tank barge SCC 107 that was moored up to the Rhodia dock at mile 234.2 of the LMR. The collision pushed the SCC 107 up against the Rhodia Dock causing extensive damage to the barge and dock and snapping the mooring wires that were holding the barge in place.

Event Type: Allision  
 Event Class: Broadside  
 Event Subclass: Subject vessel controlled by Other Vessel (barges/tows)  
 Location: Known; US Waters  
 Description: MISSISSIPPI RIVER  
 Latitude: 30 30.7 N Longitude: 091 11.7 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
AT 110	Vessel	Damaged	Involved in a Marine Casualty

Details Filed: Detail Description

The starboard string stern barge AT 110 collided with the tank barge SCC 107 that was moored up to the Rhodia dock at mile 234.2 of the LMR. The collision pushed the SCC 107 up against the Rhodia Dock causing extensive damage to the barge and dock and snapping the mooring wires that were holding the barge in place.

SCC 107	Vessel	Damaged	Involved in a Marine Casualty
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Details Filed: None

RHODIA INC.	Facility	Damaged and Repaired - Operational	Site of Incident
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Details Filed: None

10/28/2002 23:52 to 10/28/2002 23:52 (Estimated): Barges AT 110 and SCC 107 both received damage to their outer hull. The Rhodia dock received damage to the north dolphin including structural and pipeline damage.

Condition Class: Vessel, Facility, Equipment, Gear, or Cargo  
 Condition Type: Vessel Material/Equipment Condition  
 Subject Type:

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Location: Known; US Waters  
Description: MISSISSIPPI RIVER  
Latitude: 30 30.7 N      Longitude: 091 11.7 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
AT 110	Vessel	Damaged	Involved in a Marine Casualty

Details Filed: Material/Equipment Condition

System: Construction/Loadline  
Sub-System: Hull  
Component: Hull Plating  
Details: The starboard number 2 wing tank was set in approximately 0"-12" on the Barge AT 110.  
Cite:

SCC 107	Vessel	Damaged	Involved in a Marine Casualty
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Details Filed: Material/Equipment Condition

System: Construction/Loadline  
Sub-System: Hull  
Component: Hull Plating  
Details: The barge SCC 107 was set in 0"-12" approximately 7'x8' on the port bow rake knuckle and received a hole approximately 12"x2'. It also received a 0"-2" inset on the starboard number 2 wing tank sideshell approximately 40' long.  
Cite:

RHODIA INC.	Facility	Damaged and Repaired - Operational	Site of Incident
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Details Filed: None

10/28/2002 23:53 to 10/29/2002 0:50 (Estimated): After the collision, the tank barge SCC 107 went adrift. The barge drifted down river past the Highway 190 bridge and landed on the LDB.

Event Type: Set Adrift  
Event Class: Unintentional  
Event Subclass: From Dock  
Location: Known; US Waters  
Description: MISSISSIPPI RIVER  
Latitude: 30 30.7 N      Longitude: 091 11.7 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
SCC 107	Vessel	Damaged	Involved in a Marine Casualty

Details Filed: None

10/28/2002 23:58 to 10/28/2002 23:58 (Estimated): The tug JOHN H. MACMILLAN, JR continued southbound after the collision at the Rhodia Dock and allided its tow with the Formosa dock south of the Highway 190 bridge. The front barge on the port string, ART 1020, allided with the dock head on and became wedged under a mooring dolphin. As a result of the allision,

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a 20' by 20' piece of the dock fell from the dock onto the barge AB 68 that was sitting next to the barge ART 1020 in the tow.

Event Type: Allision  
Event Class: Head-on  
Event Subclass: Full Control  
Location: Known; US Waters  
Description: MISSISSIPPI RIVER  
Latitude: 30 30.7 N Longitude: 091 40.1 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
AB 68	Vessel	Damaged	Involved in a Marine Casualty

Details Filed: Detail Description

The tug JOHN H. MACMILLAN, JR continued southbound after the collision at the Rhodia Dock and allided its tow with the Formosa dock south of the Highway 190 bridge. The front barge on the port string, ART 1020, allided with the dock head on and became wedged under a mooring dolphin. As a result of the allision, a 20' by 20' piece of the dock fell from the dock onto the barge AB 68 that was sitting next to the barge ART 1020 in the tow.

ART 1020	Vessel	Undamaged	Involved in a Marine Casualty
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Details Filed: None

FORMOSA PLASTICS	Facility	Damaged and Repaired - Operational	Site of Incident
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Details Filed: None

10/28/2002 23:59 to 10/28/2002 23:59 (Estimated): Barge ART 1020 received no significant damage as a result of this casualty and barge AB 68 received minor damage to the headlog adjacent to the port bow kevil and also damage to the barge coaming and deck equipment. The north dolphin, including 75' of the dock, of the Formosa Plastics dock was totally destroyed.

Condition Class: Vessel, Facility, Equipment, Gear, or Cargo

Condition Type: Vessel Material/Equipment Condition

Subject Type:

Location: Known; US Waters

Description: MISSISSIPPI RIVER

Latitude: 30 30.7 N Longitude: 091 40.1 W

Subject(s) and Details:

<u>Name</u>	<u>Type</u>	<u>Status</u>	<u>Role</u>
AB 68	Vessel	Damaged	Involved in a Marine Casualty

Details Filed: Material/Equipment Condition

System: Construction/Loadline  
Sub-System: Hull  
Component: Hull Plating  
Details: Barge AB 68 received a 12" fracture to the headlog adjacent to the port bow kevil and also damage to the barge coaming and deck equipment.

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Cite: ART 1020 Vessel Undamaged Involved in a Marine Casualty

Details Filed: Material/Equipment Condition

System: Construction/Loadline
Sub-System: Hull
Component:
Details: Barge ART 1020 received no significant damage as a result of this casualty.
Cite:

FORMOSA PLASTICS Facility Damaged and Repaired - Operational Site of Incident

Details Filed: None

10/29/2002 11:01 to 10/29/2002 11:01 (Known): Mr. [redacted] received a post-casualty drug test but not an alcohol test.

Action Type: Other Actions - Drug and Alcohol Use and Testing
Action Class: Take Drug Test - Post-casualty
Location: Known; US Waters
Description: Aboard Vessel: JOHN H. MACMILLAN, JR.: MISSISSIPPI
Latitude: 30 30.7 N Longitude: 091 40.1 W

Subject(s) and Details:

Name [redacted] Type Party Status Not at Risk Role Watchstander

Details Filed: Drug and Alcohol Test Details

Sample Collection

Reason for Sample: Post-casualty
Date/Time Directed: 10/29/2002 4:30:00 AM
Means of Direction: Verbal
Directed By:
Organization: U.S. Coast Guard
Description: MST2 [redacted]
Directed to get DOT Test: Yes
Chemical Test Sample Provided: Yes
Chemical Test Type: Dangerous Drugs
Sample Type: Urine
Date/Time Sample Taken: 11/29/2002 12:00:00 PM
Sampling Location: Onboard the tug JOHN H MACMILLAN
DOT Protocols Used: Yes
Collection Agent: [redacted]
Donor Certified: Yes
Irregularities Noted: No
Transferred/Chain of Custody Complete: No

Field Sobriety Test

Field Sobriety Test Performed: No

Drug Analysis

Analyzing Laboratory: LAB ONE, INC., Lenexa, KS 66219
DOT Protocols Used: Yes

Report of Investigation

Test Results:  
Medical Review Officer/Coroner: [REDACTED], M.D.  
MRO/Coroner Conclusions:  
Sample Transferred and Chain  
of Custody Complete: Yes

Drug Re-Analysis

## V. CAUSAL ANALYSIS

### The Initiating Event of the Incident

#### **Initiating Event:**

Material Failure (Vessels) (10/28/2002 11:49:00 PM)

#### **Production Factors**

Active Equipment/Material Failures - Active failures of equipment

An unknown object became lodged in the port propeller making it inoperable.

Material Failure (Vessels): 10/28/2002 11:49:00 PM, MISSISSIPPI RIVER, JOHN H. MACMILLAN, JR.

#### **Preconditions**

#### **Workplace Factors**

#### **Organization Factors**

#### **Defense Factors**

### Failures of Defense Against Subsequent Events in the Incident

#### **Subsequent Event #1:**

Set Adrift (10/28/2002 11:53:00 PM)

#### **Defense Factors**

#### **Subsequent Event #2:**

Allision (10/28/2002 11:58:00 PM)

#### **Defense Factors**

#### **Subsequent Event #3:**

Vessel Maneuverability (10/28/2002 11:50:00 PM)

#### **Defense Factors**

#### **Subsequent Event #4:**

Allision (10/28/2002 11:51:00 PM)

## **VI. REFERRAL FOR ENFORCEMENT ACTION**

The following referrals for enforcement action have been made as a result of this investigation and represent those instances where the Coast Guard has gathered evidence that indicates one or more alleged violations or offenses may have occurred. Any determinations as to whether or not one or more actual violations or offenses have occurred are documented in the appropriate Coast Guard enforcement activities.

N/A

**APPENDIX 1 - EVIDENCE**

1697682 #1 [REDACTED]: Document/Chart

Chart of Wilkerson Point, Lower Mississippi River mile 234

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
 Location: Onboard the tug JOHN H. MACMILLAN  
 Collected By: USCG Gathered; MST2 [REDACTED] BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- map.pdf; Chart of Wilkerson Point, Lower Mississippi River mile 234; MSU BATON ROUGE; [REDACTED]; 02/04/2003;

1697682 #10 [REDACTED] Document/CG-2692 Report of Marine Accident, Injury or Death

CG-2692 Report of Marine Accident, Injury or Death

Collection Information:

Date/Time: 10/30/2002 2:07:00 PM  
 Location: MSU Baton Rouge  
 Collected By: USCG Gathered; MST2 [REDACTED] BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/30/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- 2692.pdf; CG-2692 Report of Marine Accident, Injury or Death; MSU BATON ROUGE; [REDACTED]; 02/04/2003;

1697682 #11 [REDACTED]: Document/Other Document

Survey reports issued by Budwine & Associates, Inc.

Collection Information:

Date/Time: 01/10/2003 2:43:00 PM  
 Location: MSU Baton Rouge  
 Collected By: USCG Gathered; MST2 [REDACTED], BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
01/10/2003	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

Report of Investigation

- surveyreport.pdf; Survey reports issued by Budwine & Associates, Inc.; MSU BATON ROUGE; [REDACTED]; 02/04/2003;
- surv1.pdf; Survey reports issued by Budwine & Associates, Inc.; MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #2 [REDACTED]: Document/Logbook

Copy of engineering log for the tug JOHN H. MACMILLAN on 28OCT02

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
 Location: Onboard the tug JOHN H. MACMILLAN  
 Collected By: USCG Gathered; MST2 [REDACTED] BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- enginlog.pdf; Copy of engineering log for the tug JOHN H. MACMILLAN on 28OCT02; MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #3 [REDACTED] Document/Other Document

Merchant Mariner Verification Form

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
 Location: Onboard the tug JOHN H. MACMILLAN  
 Collected By: USCG Gathered; MST2 [REDACTED] BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- verification.pdf; Merchant Mariner Verification Form; MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #4 [REDACTED]: Document/Other Document

ARTCO marine accident report filled out by Mr. [REDACTED]

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
 Location: Onboard the tug JOHN H. MACMILLAN  
 Collected By: USCG Gathered; MST2 [REDACTED] BATU  
 Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Report of Investigation

Attachments:

- ARTCOreport.pdf; ARTCO marine accident report filled out by Mr. [REDACTED] MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #5 [REDACTED] Document/Notes

Notes of Investigating Officer

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
Location: Onboard the tug JOHN H. MACMILLAN  
Collected By: USCG Gathered; MST2 [REDACTED] BATU  
Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- notes.pdf; Notes of Investigating Officer; MSU BATON ROUGE; [REDACTED] S.; 02/04/2003;

1697682 #6 [REDACTED]: Document/Drawing or Diagram

Copy of the Tow Diagram for the tug JOHN H. MACMILLAN

Collection Information:

Date/Time: 10/29/2002 4:30:00 AM  
Location: Onboard the tug JOHN H. MACMILLAN  
Collected By: USCG Gathered; MST2 [REDACTED] BATU  
Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/29/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- towdiagram.pdf; Copy of the Tow Diagram for the tug JOHN H. MACMILLAN; MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #7 [REDACTED]: Document/Other Document

Drug test results for Mr. [REDACTED]

Collection Information:

Date/Time: 02/04/2003 11:06:00 AM  
Location: MSU Baton Rouge  
Collected By: USCG Gathered; MST2 [REDACTED] BATU  
Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
02/04/2003	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Report of Investigation

Attachments:

- drugtestresults.pdf; Drug test results for Mr. [REDACTED] MSU BATON ROUGE; [REDACTED]; 02/04/2003;

1697682 #8 [REDACTED] Document/CG-2692B Rpt of Req Chemical Drug/Alcohol Testing  
CG-2692B Rpt of Req Chemical Drug/Alcohol Testing

Collection Information:

Date/Time: 01/13/2003 5:14:00 PM  
Location: MSU Baton Rouge  
Collected By: USCG Gathered; MST2 [REDACTED] BATU  
Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
01/13/2003	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- 2692B.pdf; CG-2692B Rpt of Req Chemical Drug/Alcohol Testing; MSU BATON ROUGE; [REDACTED] 02/04/2003;

1697682 #9 [REDACTED]: Document/CG-2692A Barge Addendum  
CG-2692A Barge Addendum

Collection Information:

Date/Time: 10/30/2002 2:08:00 PM  
Location: MSU Baton Rouge  
Collected By: USCG Gathered; MST2 [REDACTED] BATU  
Witnessed By: USCG Witness; ,

Tracking:

<u>Date</u>	<u>Status</u>	<u>Location</u>	<u>Custodian</u>	<u>Carrier</u>
10/30/2002	Received	MSU Baton Rouge	BATU; MST2 [REDACTED]	

Attachments:

- 2692A.pdf; CG-2692A Barge Addendum; MSU BATON ROUGE; [REDACTED]; [REDACTED]; 02/04/2003;

**APPENDIX 2 - CORRESPONDENCE**

8907 - Narrative of Investigating Officer

Source: USCG

Type: Incoming

Received: At MSU Baton Rouge on 02/05/2003 2:26:00 PM

Attachments:

- JOHN H MACMILLAN.doc; Narrative of Investigating Officer; MSU BATON  
ROUGE; [REDACTED] 04/14/2003;