United States Coast Guard

Report of Investigation into the Circumstances Surrounding the Incident Involving Tana Lynn/3500 gal diesel/Atchafalaya MM4/Sinking

On 03/08/2003

MISLE Activity Number: 1755672
Originating Unit: MSU BATON ROUGE
MISLE Activity Owner: MSU BATON ROUGE
MISLE Activity Controller: MSU BATON ROUGE
MISLE Case Number: 109054
I. INCIDENT BRIEF

On 08 MAR 03, MSU Baton Rouge received NRC report #638879. The MV TANA LYNN had an allision with the Simmsport Railroad Bridge at approximately 1458 local time on 08 MAR 03. The MV TANA LYNN sank approximately 2.5 minutes later between the LA 75 Bridge and the Simmsport Railroad Bridge at mile marker 5. The MV TANA LYNN owned and operated by Jefferson Marine Towing had on board approximately 3500 gallons of diesel, 1 barrel of lube oil, and 30 gallons of hydraulic fluid. Small pockets of sheen, approximately 6 in.x6 in., were seen on the water's surface coming up from where the vessel sank in the Atchafalaya River, a navigable waterway of the United States.
II. EXECUTIVE SUMMARY

Incident Summary

On 08 MAR 03, MSU Baton Rouge received NRC report #638879. The MV TANA LYNN had an allision with the Simmsport Railroad Bridge at approximately 1458 local time on 08 MAR 03. The MV TANA LYNN sank approximately 2.5 minutes later between the LA 75 Bridge and the Simmsport Railroad Bridge at mile marker 5. The MV TANA LYNN owned and operated by Jefferson Marine Towing had on board approximately 3500 gallons of diesel, 1 barrel of lube oil, and 30 gallons of hydraulic fluid. Small pockets of sheen, approximately 6 in.x 6 in., were seen on the water's surface coming up from where the vessel sank in the Atchafalaya River, a navigable waterway of the United States.

Incident Involved: Marine Casualty, Reportable Discharge of Oil

This incident resulted in a discharge or substantial threat of discharge of oil. This report does not limit the discretion of the Director, NPFC, to determine facts, rights and liabilities with respect to any claims, submitted to or by the NPFC, for removal costs and damages under the Oil Pollution Act of 1990.

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 = 3
Total People at Risk = 3
Other Personnel (Not at Risk) = 0

Vessel(s) Status Summary

Actual Total Loss(es) = 0
Total Constructive Loss, Salvaged = 0
Total Constructive Loss, Unsalvaged = 1
Damaged = 1
Undamaged = 0

Property Damage Summary/Total Damage
Report of Investigation

Vessel(s) = $500000*
Cargo = $
Facility(s) = $
Other = $

* Includes estimates

Waterway Mobility Summary

Vessel Delays (including speed restrictions): None
III. ACTIONS IN RESPONSE TO THIS REPORT

**Actions on Recommendations**
NONE

**Safety Alerts**
NONE
IV. FINDINGS OF FACT

Subjects of the Investigation

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

Vessel Name: TANA LYNN
Flag: UNITED STATES
Vessel Identification Number: 626841
Call Sign:
Status: Total Constructive Loss: Unsalvaged
Role: Involved in a Marine Casualty
Vessel Class, Type, Sub-Type: Towing Vessel, General,
Gross Tonnage (GRT): 66
Net Tonnage (NRT): 53
Deadweight Tons:
Length:
Home/Hailing Port:
Keel Laid Date:
Delivery Date:
Place of Construction: PANAMA CITY FL, UNITED STATES
Builder Name: SHERMAN SHIPYARD INC
Propulsion:
Horsepower:
Master:
Classification Society:
Owner: O A & D TOWING, INC
  P O BOX 542
  HARVEY, LA, 70059
Operator: O A & D TOWING, INC
  P O BOX 542
  HARVEY, LA, 70059
Inspection Subchapter:
Most Recent Vessel Inspection Activity:
Facilities. The following facilities were subjects of this investigation. Particulars for each facility follow.

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
<th>Contact Phone</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kansas City Southern - Simmesport</td>
<td>Bridge</td>
<td>Damaged and Repaired - Operational</td>
<td>Site of Incident</td>
<td></td>
<td>Latitude: 30 58.9 N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Longitude: 091 47.86667 W</td>
</tr>
</tbody>
</table>

Facility Name: LA Hwy 1 - Simmesport  
Type: Bridge  
Status: Undamaged - Operational  
Role: Site of Incident  
Contact Phone:  
Location: Latitude: 30 58.63333 N  
Longitude: 091 48.2 W  

Parties and Organizations. The following people and organizations were subjects of this investigation.
Report of Investigation

Status: Rescued Uninjured
Role: Watchstander
Gender: M
Age: 
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(Home/Primary Residence): 

Comments:

Brink, Jessica
Status: Not at Risk
Role: Investigator
Gender: f
Age: 
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(): 
Comments:

Status: Rescued Uninjured
Role: Crewmember
Gender: M
Age: 
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(Home/Primary Residence): US Deckhand

Comments:

Status: Not at Risk
Role: Investigator
Gender: m
Age: 
SSN: 
Birth Date: 

Report of Investigation

JEFFERSON MARINE TOWING, INC.

Status: Not at Risk
Role: Responsible Party

Status: Not at Risk
Role: Investigator
Gender: m
Age: - -
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(): 
Comments:

Status: Rescued Uninjured
Role: Crewmember
Gender: M
Age: 
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(Home/Primary Residence): US
Comments:

Status: Not at Risk
Role: Eye-Witness
Gender: 
Age: 
SSN: 
Birth Date: 
Email Address: 
Phone Number(): 
Address(): 
Comments:
Report of Investigation

Address (Primary Place of Business): P.O. BOX 542
700 PETERS ROAD

HARVEY, LA 70058

Comments:

OIL MOP, LLC
Status: Not at Risk
Role: Clean Up Company
Email Address:
Phone Number():
Address (Mailing): 145 Keating Drive

Belle Chase, LA 70037
US

Comments:

Drug and Alcohol Testing. The following people have been determined by the Coast Guard, Law Enforcement Personnel, and/or the Marine Employer to have been directly involved in a Serious Marine Incident as defined in 46 CFR 4.03-2:

Crewmember
Watchstander
Crewmember
Watchstander

Response Resources. The following incident response resources were subjects of this investigation.

Resource Name: MST2
Resource ID: Investigation Resources
Kind: Pollution Investigator
Sub-Kind:
Type:

Resource Name: MST2
Resource ID: Investigation Resources
Kind: Pollution Investigator
Sub-Kind:
Type:

Resource Name: MST2
Resource ID: Investigation Resources
Kind: Marine Casualty Investigator
Sub-Kind:
Type:
Resource Name: MST2  
Resource ID:  
Kind: Investigation Resources  
Sub-Kind: Marine Casualty Investigator  
Type:  

Resource Name: MST3  
Resource ID:  
Kind: Investigation Resources  
Sub-Kind: Pollution Investigator  
Type:  

Resource Name: MST3  
Resource ID:  
Kind: Investigation Resources  
Sub-Kind: Pollution Investigator  
Type:  

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

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

**Atchafalaya**
- **Role:** Location
- **Local Name:**
- **Description:** Between Symmes Port Rail Road Bridge and LA 75 Bridge

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**Incident Information**

**Location(s).**

<table>
<thead>
<tr>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATCHAFALEYA - MM 4: Atchafalaya</td>
<td>30°59.1125 N</td>
<td>091°47.0064 W</td>
</tr>
<tr>
<td>ATCHAFALEYA - MM 5</td>
<td>30°58.85574 N</td>
<td>091°47.92614 W</td>
</tr>
<tr>
<td>Aboard Vessel: TANA LYNN: OLD RIVER</td>
<td>30°58.9 N</td>
<td>091°47.9 W</td>
</tr>
<tr>
<td>OLD RIVER</td>
<td>30°58.9 N</td>
<td>091°47.9 W</td>
</tr>
<tr>
<td>Faeyueves Hospital</td>
<td>11°11.1 N</td>
<td>111°11.1 W</td>
</tr>
<tr>
<td>CIBI-TPA 1801 Lafayette St. Gretna, LA 70835</td>
<td>11°11.1 N</td>
<td>111°11.1 W</td>
</tr>
</tbody>
</table>

**Sequence of Events.**

03/08/2003 6:59 to 03/08/2003 6:59 (Estimated): Mr. was maneuvering the tug TANA LYNN and its tow through the Kansas City Southern Railroad swing bridge.
Report of Investigation

Action Type: Bridge Operations - Shiphandling
Action Class: Maneuver in accordance with sea/river/weather conditions
Location: Known, US Waters
Description: OLD RIVER
Latitude: 30 58.9 N  Longitude: 091 47.9 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>[HIDDEN]</td>
<td>Party</td>
<td>Rescued</td>
<td>Watchstander</td>
</tr>
<tr>
<td>[HIDDEN]</td>
<td></td>
<td>Uninjured</td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
Mr [HIDDEN] was maneuvering the tug TANA LYNN and its tow through the Kansas City Southern Railroad swing bridge.

03/08/2003 7:00 (Known): VESSEL SUNK
ON BOARD APPROXIMATELY 6000 GALLONS DIESEL, 1 BARREL LUBE OIL, 30 GALLONS HYDRAULIC FLUID.

Event Class: Sinking
Sub-Type: Damage Control Efforts Not Possible
Location: 

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANA LYNN</td>
<td>Vessel</td>
<td></td>
<td>Involved in a Marine Casualty</td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 7:00 to 03/08/2003 7:00 (Estimated): The deck barge U 2050 was carrying a large processing tank as cargo. This tank allided with the swing span of the Kansas City Southern Railroad bridge when it and the barge carrying it passed under the bridge. Following the allision involving the barge, the tug TANA LYNN allided with the western pier of the swing span of the bridge and landed up against it broadside on the starboard side.

Event Type: Allision
Event Class: Broadside
Event Subclass: Full Control
Location: Known, US Waters
Description: OLD RIVER
Latitude: 30 58.9 N  Longitude: 091 47.9 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANA LYNN</td>
<td>Vessel</td>
<td>Total Constructive Loss: Unsalvaged</td>
<td>Involved in a Marine Casualty</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
The deck barge U 2050 was carrying a large processing tank as cargo. This tank allided with the swing span of the Kansas City Southern Railroad bridge when it and the barge carrying it passed under the bridge. Following the allision involving the barge, the tug TANA LYNN allided with
the western pier of the swing span of the bridge and landed up against it broadside on the starboard side.

U 2050      Vessel       Damaged      Involved in a Marine Casualty

Details Filed: Detail Description
The deck barge U 2050 was carrying a large processing tank as cargo. This tank allided with the swing span of the Kansas City Southern Railroad bridge when it and the barge carrying it passed under the bridge. Following the allision involving the barge, the tug TANA LYNN allided with the western pier of the swing span of the bridge and landed up against it broadside on the starboard side.

Kansas City Southern - Simmesport  Facility Damaged and Repaired - Site of Incident Operational

Details Filed: Detail Description
The deck barge U 2050 was carrying a large processing tank as cargo. This tank allided with the swing span of the Kansas City Southern Railroad bridge when it and the barge carrying it passed under the bridge. Following the allision involving the barge, the tug TANA LYNN allided with the western pier of the swing span of the bridge and landed up against it broadside on the starboard side.

03/08/2003 7:01 to 03/08/2003 7:01 (Estimated): As a result of the allision, the facing wires holding the barge to the tug snapped allowing the barge to come free of the tug.

Event Type:    Set Adrift
Event Class:   Unintentional
Event Subclass: From Vessel (tugs, tows, other)
Location:     Known; US Waters
Description:  OLD RIVER
Latitude:  30° 58.9 N
Longitude:  091° 47.9 W

Subject(s) and Details:
Name  Type   Status       Role
U 2050 Vessel Damaged Involved in a Marine Casualty

Details Filed: Detail Description
As a result of the allision, the facing wires holding the barge to the tug snapped allowing the barge to come free of the tug.

03/08/2003 7:01 to 03/08/2003 7:01 (Estimated): After landing up against the west pier of the bridge, the tug TANA LYNN started taking on water as the current of the river pushed water over the port side of the tug. As a result of the allision, the facing wires holding the barge to the tug snapped allowing the barge to come free of the tug. After the facing wires broke, the tug TANA LYNN drifted underneath the Kansas City Southern Railroad bridge continuing to tank on water. It sank approximately two minutes after the allision occurred.

Event Type:    Sinking
Event Class:   Damage Control Efforts Not Possible
Event Subclass:  
Location:     Known; US Waters
Description:  OLD RIVER
Report of Investigation

Latitude: 30 58.9 N    Longitude: 091 47.9 W

Subject(s) and Details:

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<th>Name</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>TANA LYNN</td>
<td>Vessel</td>
<td>Total Constructive Loss: Unsalvaged</td>
<td>Involved in a Marine Casualty</td>
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After landing up against the west pier of the bridge, the tug TANA LYNN started taking on water as the current of the river pushed water over the port side of the tug. As a result of the allision, the facing wires holding the barge to the tug snapped allowing the barge to come free of the tug. After the facing wires broke, the tug TANA LYNN drifted underneath the Kansas City Southern Railroad bridge continuing to tank on water. It sank approximately two minutes after the allision occurred.

03/08/2003 7:02 to 03/08/2003 7:02 (Estimated): As a result of the progressive flooding all three of the vessels crew abandoned ship.

Action Type: Safety and Emergency Operations - Abandon Vessel Operations
Action Class: Don survival suits and personal flotation devices
Location: Known; US Waters
Description: OLD RIVER
Latitude: 30 58.9 N    Longitude: 091 47.9 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Crewmember</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Uninjured</td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
As a result of the progressive flooding all three of the vessels crew abandoned ship.

<table>
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<tr>
<th>Name</th>
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<th>Role</th>
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<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Crewmember</td>
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<tr>
<td></td>
<td></td>
<td>Uninjured</td>
<td></td>
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</tbody>
</table>

Details Filed: Detail Description
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<th>Role</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Watchstander</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Uninjured</td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
As a result of the progressive flooding all three of the vessels crew abandoned ship.

03/08/2003 7:03 to 03/08/2003 7:03 (Estimated): After breaking away from the tow of the tug TANA LYNN, the barge U 2050 allided with the LA Highway 1 bridge.

Event Type: Allision
Event Class: Broadsie
Event Subclass: Subject vessel controlled by Other Vessel (barges/tows)
Location: Known; US Waters
Description: OLD RIVER
Latitude: 30 58.9 N    Longitude: 091 47.9 W

Subject(s) and Details:
Report of Investigation

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>U 2050</td>
<td>Vessel</td>
<td>Damaged</td>
<td>Involved in a Marine Casualty</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
After breaking away from the tow of the tug TANA LYNN, the barge U 2050 allided with the LA Highway 1 bridge.

LA Hwy 1 - Simmesport
Facility  Undamaged - Operational  Site of Incident

Details Filed: Detail Description
After breaking away from the tow of the tug TANA LYNN, the barge U 2050 allided with the LA Highway 1 bridge.

03/08/2003 7:05 (Known): MSU RECEIVED REPORT OF TUG SINKING

Action Class: Response Communication
Sub-Type: Initial Notification
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 7:07 to 03/08/2003 7:07 (Estimated): Two men fishing in the area pulled all three of the men from the water and transported them to shore

Action Type: Safety and Emergency Operations - Person Overboard Procedures
Action Class: Locate person overboard
Location: Known; US Waters
Description: OLD RIVER
Latitude: 30 58.9 N  Longitude: 091 47.9 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Watchstander</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
Two men fishing in the area pulled all three of the men from the water and transported them to shore

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Uninjured</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
Two men fishing in the area pulled all three of the men from the water and transported them to shore

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Crewmember</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
Two men fishing in the area pulled all three of the men from the water and transported them to shore

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>Uninjured</td>
</tr>
</tbody>
</table>

Details Filed: Detail Description
Two men fishing in the area pulled all three of the men from the water and transported them to shore
Report of Investigation

03/08/2003 7:10 to 03/28/2003 7:10 (Estimated):

Event Type: Damage to the Environment
Event Class: Oil Discharge
Event Subclass: Fuel/bunker
Location: Known, US Waters
Description: OLD RIVER
Latitude: 30 58.9 N  Longitude: 091 47.9 W

Subject(s) and Details:
Name | Type | Status | Role
--- | --- | --- | ---
TANA LYNN | Vessel | Total Constructive Loss: Unsalvaged | Involved in a Marine Casualty

Details Filed: None

03/08/2003 7:10 to 03/08/2003 7:10 (Estimated): The MV TANA LYNN had on board approximately 3500 gallons of diesel, 1 barrel of lube oil, and 30 gallons of hydraulic fluid. Small pockets of sheen, approximately 6 in.x 6 in., were seen on the water's surface coming up from where the vessel sank in the Atchafalaya River.

Event Type: Damage to the Environment
Event Class: Oil Discharge
Event Subclass: Fuel/bunker
Location: Known, US Waters
Description: OLD RIVER
Latitude: 30 58.9 N  Longitude: 091 47.9 W

Subject(s) and Details:
Name | Type | Status | Role
--- | --- | --- | ---
TANA LYNN | Vessel | Total Constructive Loss: Unsalvaged | Involved in a Marine Casualty

Details Filed: Discharge Details

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>Potential Volume/Amount</th>
<th>Potential Only</th>
<th>Discharge/Released Amount</th>
<th>Situation</th>
<th>Impacted Medium and Amount</th>
<th>Circumstances/Means Halted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil: Diesel</td>
<td>3500 Gallon (estimated)</td>
<td>No</td>
<td>3500 Gallon (estimated)</td>
<td>Point-source one-time discharge</td>
<td>Water</td>
<td></td>
</tr>
</tbody>
</table>

Not Discharged/Released Amount: 0 Gallon (estimated)
Method Contained/Accounted For:

03/08/2003 7:39 (Known): CO, S10, COPPS, D8 BRIDGES, MSO NEW ORLEANS, OPCEN AND D8(CC) BRIEFED WITH INITIAL INFORMATION.

Action Class: Response Communication
Report of Investigation

Sub-Type: Briefing - Commanding Officer
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 9:10 (Known): DEPARTED MSU FOR SIMMESPORT

Action Class: Resource Action
Sub-Type: Resource Diverted
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>MST2</td>
<td></td>
<td></td>
<td>Resource</td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 10:10 (Known): LA DEQ, LOUISIANA OIL SPILL CONTROL, STATE POLICE, LA FISH AND WILDLIFE, ARMY CORPS OF ENGINEERS, AND LADOT NOTIFIED

Action Class: Response Communication
Sub-Type: Briefing - Area
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 10:45 (Known): MSU DUTY TEAM ARRIVED ON SCENE

Action Class: Resource Action
Sub-Type: Resource On-scene
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 11:00 to 03/08/2003 11:00 (Estimated):
Report of Investigation

Condition Class: Person
Condition Type: Personnel Condition
Subject Type: Person
Location: Known; On Land
Description: Faeyueves Hospital
Latitude: 11 11.1 N  Longitude: 111 11.1 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
<th>Details Filed: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Party</td>
<td>Rescued</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Uninjured</td>
<td>Watchstander</td>
</tr>
</tbody>
</table>

03/08/2003 11:00 to 03/08/2003 11:00 (Estimated): All three crewmembers were taken to the hospital to check for injuries after being pulled from the water.

Condition Class: Person
Condition Type: Personnel Condition
Subject Type: Person
Location: Known; On Land
Description: Faeyueves Hospital
Latitude: 11 11.1 N  Longitude: 111 11.1 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
<th>Details Filed: Personnel Condition</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Party</td>
<td>Rescued</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Uninjured</td>
<td>Watchstander</td>
</tr>
</tbody>
</table>

Human Factors:

- Human Factor:
  - Factor Type: Physical Factors
  - Factor Sub-Type: Other Physical Factor
  - Description: All three crewmembers were taken to the hospital to check for injuries after being pulled from the water.
  - Latent Unsafe Condition: No

Merchant Mariner:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
<th>Details Filed: Personnel Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Party</td>
<td>Rescued</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Uninjured</td>
<td>Crewmember</td>
</tr>
</tbody>
</table>

Human Factors:

- Human Factor:
  - Factor Type: Physical Factors
  - Factor Sub-Type: Other Physical Factor
Description: All three crewmembers were taken to the hospital to check for injuries after being pulled from the water.

Latent Unsafe Condition: No

Merchant Mariner: No

Party: Rescued

Crewmember: Uninjured

Details Filed: Personnel Condition

Human Factors:

Human Factor:

Factor Type: Physical Factors
Factor Sub-Type: Other Physical Factor
Description: All three crewmembers were taken to the hospital to check for injuries after being pulled from the water.

Latent Unsafe Condition: No

Merchant Mariner: No

03/08/2003 11:45 (Known): MSU DUTY TEAM DEPARTED SCENE FOR HOSPITAL TO INTERVIEW CREWMEMBERS

Action Class: Resource Action
Sub-Type: Resource Depart Scene
Location:

Subject(s) and Details:

Name Type Status Role
<no subject> Other
Details Filed: None

03/08/2003 12:00 to 03/08/2003 12:00 (Estimated): The tug TANA LYNN completely sank and was a total loss. The barge U 2050 suffered only minor damage as result of the incident.

Condition Class: Vessel, Facility, Equipment, Gear, or Cargo
Condition Type: Vessel Material/Equipment Condition
Subject Type: Construction/Loadline
Location: Known; US Waters
Description: OLD RIVER
Latitude: 30 58.9 N Longitude: 091 47.9 W

Subject(s) and Details:

Name Type Status Role
TANA LYNN Vessel Total Constructive Involved in a Marine Casualty
Loss: Unsalvaged

Details Filed: Detail Description
The tug TANA LYNN completely sank and was a total loss. The barge U 2050 suffered only minor damage as result of the incident.

U 2050 Vessel Damaged Involved in a Marine Casualty

Details Filed: Detail Description
The tug TANA LYNN completely sank and was a total loss. The barge U 2050 suffered only minor damage as result of the incident.

03/08/2003 12:00 to 03/08/2003 12:00 (Estimated):

**Condition Class:** Vessel, Facility, Equipment, Gear, or Cargo  
**Condition Type:** Vessel Material/Equipment Condition  
**Subject Type:** Known; US Waters  
**Description:** OLD RIVER  
**Latitude:** 30° 58.9' N  
**Longitude:** 091° 47.9' W

**Subject(s) and Details:**

<table>
<thead>
<tr>
<th>Name/Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANA LYNN</td>
<td>Vessel</td>
<td>Total Constructive Loss: Unsold</td>
</tr>
<tr>
<td>U 2050</td>
<td>Vessel</td>
<td>Damaged</td>
</tr>
<tr>
<td>LA Hwy 1 - Simmesport</td>
<td>Facility</td>
<td>Undamaged - Operational</td>
</tr>
<tr>
<td>Kansas City Southern - Simmesport</td>
<td>Facility</td>
<td>Damaged and Repaired - Operational</td>
</tr>
</tbody>
</table>

03/08/2003 12:00 to 03/08/2003 12:00 (Estimated): As a result of the incident the pilot of the tug TANA LYNN was drug tested.

**Action Type:** Other Actions - Drug and Alcohol Use and Testing  
**Action Class:** Take Drug Test - Post-casualty  
**Location:** Known; On Land  
**Description:** CIBI-TPA 1801 Lafayette St. Gretna, LA 70835  
**Latitude:** 11° 11.1' N  
**Longitude:** 111° 11.1' W

**Subject(s) and Details:**

<table>
<thead>
<tr>
<th>Name/Type</th>
<th>Status</th>
<th>Role</th>
<th>Details Filed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Party</td>
<td>Rescued</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Uninjured</td>
<td></td>
</tr>
</tbody>
</table>

**Sample Collection**

- **Reason for Sample:** Post Accident  
- **Directed to get DOT Test:** Yes  
- **Chemical Test Sample Provided:** Yes  
- **Chemical Test Type:** Both  
- **Sample Type:** Urine  
- **Date/Time Sample Taken:** 03/08/2003  
- **Sampling Location:** CIBI-TPA
### Report of Investigation

<table>
<thead>
<tr>
<th>DOT Protocols Used</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collection Agent</td>
<td>Mr.</td>
</tr>
<tr>
<td>Donor Certified</td>
<td>Yes</td>
</tr>
<tr>
<td>Irregularities Noted</td>
<td>No</td>
</tr>
<tr>
<td>Transferred/Chain of Custody Complete</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Field Sobriety Test**
- Field Sobriety Test Performed: No

**Alcohol Analysis**
- Method of Analysis: Breath Test
- Instrument Used: 
- Date/Time Results Obtained: 03/08/2003
- Results: 
- Agency Conducting Analysis: 
- Description of Analysis: 
- Irregularities in Analysis: No

**Drug Analysis**
- Analyzing Laboratory: ONE SOURCE TOXICOLOGY LABORATORY, INC., Deer Park, TX 77536
- DOT Protocols Used: Yes
- Test Results: 
- Medical Review Officer/Coroner: Dr. 
- MRO/Coroner Conclusions: 
- Sample Transferred and Chain of Custody Complete: Yes

**Drug Re-Analysis**

---

**03/08/2003 13:45 (Known): MSU DUTY TEAM RETURNED TO SCENE**

<table>
<thead>
<tr>
<th>Action Class</th>
<th>Resource Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Type</td>
<td>Resource On-scene</td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
</tbody>
</table>

**Subject(s) and Details:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

---

**03/08/2003 14:00 (Known): OIL MOP INC. ON SCENE WITH EQUIPMENT TO CONDUCT CLEAN UP**

<table>
<thead>
<tr>
<th>Action Class</th>
<th>Conduct Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Type</td>
<td>Clean-up</td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
</tbody>
</table>

**Subject(s) and Details:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>OIL MOP, LLC</td>
<td>Party</td>
<td></td>
<td>Clean Up Company</td>
</tr>
</tbody>
</table>

Details Filed: None

---

**03/08/2003 15:00 (Known): MSU received National Response Center Report #638879**
### Report of Investigation

**Action Class:** Response Communication  
**Sub-Type:** Initial Notification  
**Location:**

---

**Subject(s) and Details:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>Party</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Details Filed:** Notification

- **Incident Date/Location**
  - **Incident Type:** M: Pollution - Oil  
  - **Incident Date/Time:** 03/08/2003 6:00:00 AM

- **Notification Method:** NRC Notification
  - **NRC Case #:** 638879  
  - **Date/Time NRC Notified:** 03/08/2003 2:58:00 PM  
  - **Date/Time Notified by NRC:**  
  - **Specific Notification Problem:** No

- **Incident Location:**
  - **Address:** , LA  
  - **City, ST, Zip:** /  
  - **Province/Country:**  
  - **General Location/Affected Area:** ATCHASAYLA RIVER NEAR SIMS PORT BRIDGE

---

**Reporting Party**

<table>
<thead>
<tr>
<th>Name</th>
<th>Callback Phone</th>
<th>Cell Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>5043405444</td>
<td></td>
</tr>
</tbody>
</table>

**Location:**

- **Address:** HARVEY, LA 70058  
- **City, ST, Zip:** /  
- **Province/Country:**  
- **Facility Name:**  
- **Organization:** JEFFERSON MARINE TOWING  
- **General Location:**

---

**Involved Subjects**

- **Name:** [Redacted]  
- **Type:** Person  
- **Last Modification Date:** 03/08/2003 4:33:45 PM  
- **Modify By:** [Redacted]  
- **Unit Modify By:** MSU BATON ROUGE

---

**Incident Description**

NRC INCIDENT DESCRIPTION

---

**REPORT TAKEN BY:** CIV WHITE  
**INCIDENT TYPE:** VESSEL  
**INCIDENT CAUSE:** UNKNOWN  
**AFFECTED AREA:**  
**AFFECTED MEDIUM:** WATER
03/08/2003 16:00 (Known): OIL MOP INC. PUT ON STAND-BY FOR CLEANUP DUE TO SAFETY CONCERNS.

Action Class: Conduct Activity  
Sub-Type: Clean-up  
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 16:00 (Known): MSU DUTY TEAM DEPARTED SCENE FOR UNIT

Action Class: Resource Action  
Sub-Type: Resource Depart Scene  
Location:

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;no subject&gt;</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/08/2003 16:20 to 03/08/2003 16:20 (Estimated):

Action Type: Other Actions - Drug and Alcohol Use and Testing  
Action Class: Take Drug Test - Post-casualty  
Location: Known; On Land  
Description: CIBI-TPA 1801 Lafayette St. Gretna, LA 70835  
Latitude: 11 11.1 N Longitude: 111 11.1 W

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>Party</td>
<td>Rescued</td>
<td>Crewmember</td>
</tr>
<tr>
<td>Uninjured</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>Party</td>
<td>Rescued</td>
<td>Watchstander</td>
</tr>
<tr>
<td>Uninjured</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>Party</td>
<td>Rescued</td>
<td>Crewmember</td>
</tr>
<tr>
<td>Uninjured</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Details Filed: None

03/12/2003 17:14 (Known):
Report of Investigation

Event Class: Damage to the Environment
Sub-Type: 
Location: 

Subject(s) and Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Status</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>TANA LYNN</td>
<td>Vessel</td>
<td></td>
<td>Involved in a Marine Casualty</td>
</tr>
</tbody>
</table>

Details Filed: Discharge Details

- **Substance Name:** Hydraulic fluid or oil
  - Potential Volume/Amount: 30 Gallon (estimated)
  - Potential Only: Yes
  - Level of Potential: Low
  - Potential Impacted Medium:
    - Air: No
    - Land: No
    - Water: Yes
    - Enclosed Space: No

Explanation of Risk:

- **Substance Name:** Oil: Crude
  - Potential Volume/Amount: 1 Barrels (estimated)
  - Potential Only: Yes
  - Level of Potential: Medium
  - Potential Impacted Medium:
    - Air: No
    - Land: No
    - Water: Yes
    - Enclosed Space: No

Explanation of Risk:

- **Substance Name:** Oil: Diesel
  - Potential Volume/Amount: 3500 Gallon (estimated)
  - Potential Only: Yes
  - Level of Potential: Medium
  - Potential Impacted Medium:
    - Air: No
    - Land: No
    - Water: Yes
    - Enclosed Space: No

Explanation of Risk: On 08-MAR-03 the M/V Tana Lane sank with approximately 3500 gallons of fuel in her port and starboard fuel tanks.
V. CAUSAL ANALYSIS

The Initiating Event of the Incident

Initiating Event:

Allision (03/08/2003 7:00:00 AM)

Production Factors

Active Human Failures - Execution Errors - Attention Failures - Mistiming errors
Repetition; Operators first time going down the Atchafalaya River.
Allision: 03/08/2003 7:00:00 AM, OLD RIVER, TANA LYNN

Preconditions

LUCs in People - Person Mismatches - Mismatches between the person and the environment
River current was swift. And it was to operators first time transiting the Atchafalaya River.
Person: 03/08/2003 11:00:00 AM, Faeyeves Hospital,

Workplace Factors

Organization Factors

Defense Factors

Failures of Defense Against Subsequent Events in the Incident

Subsequent Event #1:

Set Adrift (03/08/2003 7:01:00 AM)

Defense Factors

Active Equipment/Material Failures - Active failures of equipment
Wires parted.
Set Adrift: 03/08/2003 7:01:00 AM, OLD RIVER, U 2050

Subsequent Event #2:

Allision (03/08/2003 7:03:00 AM)

Defense Factors
Subsequent Event #3:

Damage to the Environment (03/08/2003 7:10:00 AM)

Defense Factors

Defense Technology Does Not Exist - Defense technology/systems do not exist
Damage to the Environment: 03/08/2003 7:10:00 AM, OLD RIVER, TANA LYNN
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.

**Referral #1:** Jefferson Marine/3500 gal diesel/ atchafalaya mm4
Party: JEFFERSON MARINE TOWING, INC.
Enforcement Action: Warning - Status: Open - Forward to Collections

**Alleged Violations**

<table>
<thead>
<tr>
<th>Cite</th>
<th>Date/Time</th>
<th>Event/Action/Condition</th>
<th>Location</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>33USC§</td>
<td>03/08/2003</td>
<td>Sinking</td>
<td>OLD</td>
<td>TANA</td>
</tr>
<tr>
<td>1321(b)(3)</td>
<td>7:01</td>
<td></td>
<td>RIVER</td>
<td>LYNN</td>
</tr>
</tbody>
</table>

**Evidence**

1755672 #1 [redacted]; Document; Other Federal Agency File Documents; Notice of Federal Interest; ; Date/Time Collected: 03/08/2003 10:33:00 AM

1755672 #2 [redacted]; Document; USCG VTS Incident Report; NRC report #638879; ; Date/Time Collected: 03/08/2003 10:40:00 AM

1755672 #3 [redacted]; Document; Written Statement; Witness statement from [redacted]. (the vessel operator at time of incident); ; Date/Time Collected: 03/12/2003 11:49:00 AM

1755672 #4 [redacted]; Document; Written Statement; Witness statement from [redacted]. (Witness from right descending bank during accident); ; Date/Time Collected: 03/08/2003 11:53:00 AM

1755672 #5 MTM; Document; Written Statement; Witness statement from [redacted]. On board boat.; ; Date/Time Collected: 03/08/2003 11:56:00 AM
APPENDIX 1 - EVIDENCE

1755672 #1: Document/Other Federal Agency File Documents
Notice of Federal Interest
Collection Information:
  Date/Time: 03/08/2003 10:33:00 AM
  Location: On site
  Collected By: USCG Gathered; MST2, BATU
  Witnessed By: USCG Witness;

Tracking:
  Date     Status     Location     Custodian      Carrier
  05/07/2003 Received MSU Baton BATU; MST3
           Rouge

Attachments:

1755672 #2: Document/USCG VTS Incident Report
NRC report #638879
Collection Information:
  Date/Time: 03/08/2003 10:40:00 AM
  Location: MISLE
  Collected By: 3rd Party Gathered; National Response Center,
  Witnessed By: USCG Witness;

Tracking:
  Date     Status     Location     Custodian      Carrier
  05/07/2003 Received MSU Baton BATU; MST3
           Rouge

Attachments:
  - nrc 638879.doc; MSU BATON ROUGE; 03/11/2003;

1755672 #3: Document/Written Statement
Witness statement from Clifton Bourdeaux. (the vessel operator at time of incident)
Collection Information:
  Date/Time: 03/12/2003 11:49:00 AM
  Location: On Scene
  Collected By: USCG Gathered; Police Dept.
  Witnessed By: USCG Witness;

Tracking:
  Date     Status     Location     Custodian      Carrier
  05/07/2003 Received MSU Baton BATU; MST3
           Rouge

Attachments:
  - [Redacted].pdf; MSU BATON ROUGE; 03/12/2003;

1755672 #4: Document/Written Statement
**Report of Investigation**

Witness statement from [Redacted]. (Witness from right descending bank during accident)

Collection Information:
- **Date/Time:** 03/08/2003 11:53:00 AM
- **Location:** On Scene
- **Collected By:** USCG Gathered; [Redacted], Police Dept.
- **Witnessed By:** USCG Witness;

**Tracking:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Status</th>
<th>Location</th>
<th>Custodian</th>
<th>Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/07/2003</td>
<td>Received</td>
<td>MSU Baton Rouge</td>
<td>BATU; MST3</td>
<td>[Redacted]</td>
</tr>
</tbody>
</table>

**Attachments:**
- [Redacted].pdf; MSU BATON ROUGE; [Redacted]; 03/12/2003;

1755672 #5 [Redacted]: Document/Written Statement

Witness statement from [Redacted]. On board boat.

Collection Information:
- **Date/Time:** 03/08/2003 11:56:00 AM
- **Location:**
- **Collected By:** USCG Gathered;
- **Witnessed By:** USCG Witness;

**Tracking:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Status</th>
<th>Location</th>
<th>Custodian</th>
<th>Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/07/2003</td>
<td>Received</td>
<td>MSU Baton Rouge</td>
<td>BATU; MST3</td>
<td>[Redacted]</td>
</tr>
</tbody>
</table>

**Attachments:**
- [Redacted].pdf; MSU BATON ROUGE; [Redacted]; 03/12/2003;