

UNITED STATES COAST GUARD

REPORT OF INVESTIGATION INTO THE CIRCUMSTANCES SURROUNDING THE INCIDENT INVOLVING VESSEL FIRE: OSV SEABULK NEW JERSEY

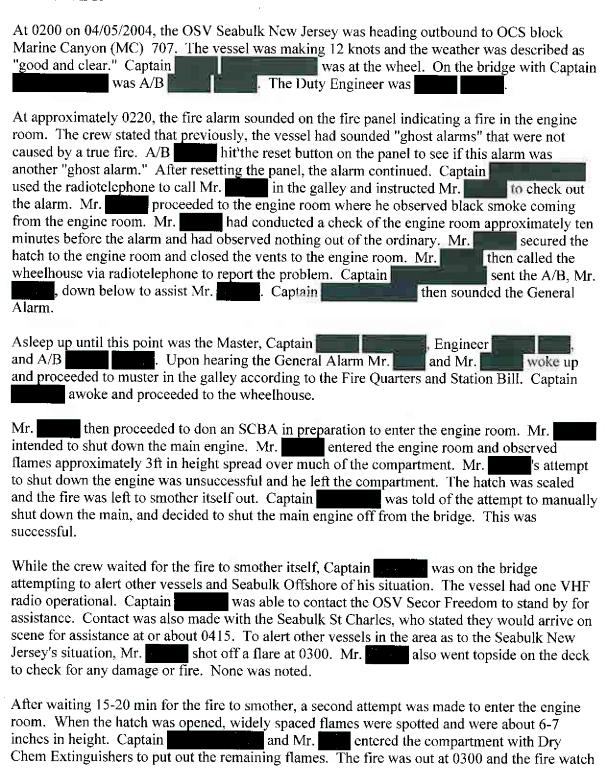
ON 04/07/2004



MISLE ACTIVITY NUMBER: 2039386
ORIGINATING UNIT: MSO MORGAN CITY
MISLE ACTIVITY OWNER: COMMANDANT (G-MRI)
MISLE ACTIVITY CONTROLLER: COMMANDANT (G-MRI)
MISLE CASE NUMBER: 169557

I. INCIDENT BRIEF

32/71/04 MMS



was set in the engine room. The engine stacks were opened for ventilation and to empty the remaining smoke.

Captain was then able to switch power to the forward generators and an extension cord was used to connect the air cooler pump in the engine room. An engine check revealed that the starboard main engine could be run manually and that the bow thruster was operational.

The Seabulk St. Charles arrived on scene at 0415. The Secor Freedom was released from its standby for the Seabulk New Jersey. The Seabulk St Charles got the Seabulk New Jersey in tow and proceeded to head back to the Port of Fourchon. At this time, the starboard main engine of the Seabulk New Jersey was in gear and the bow thruster could be used to aid in steering. The two vessels arrived in the Port of Fourchon at 1315. No problems were encountered on the return trip. The IO conducted interviews on board the vessel.

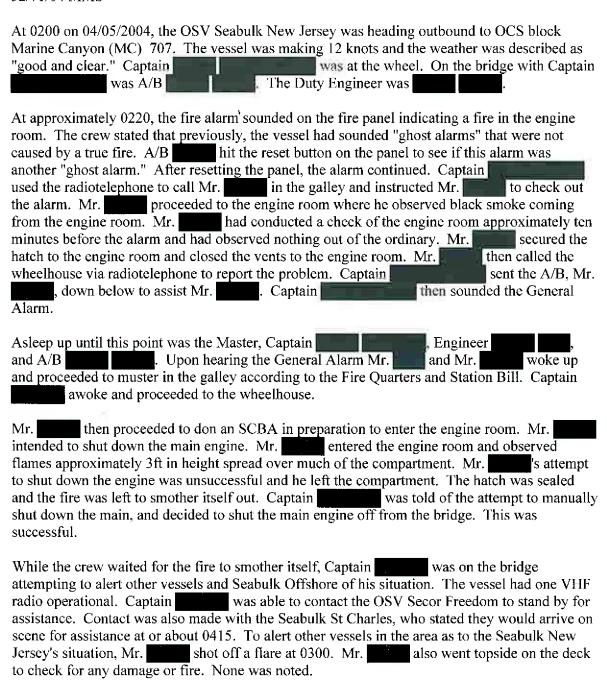
It should be noted that the day before the incident, the crew of the Seabulk New Jersey conducted a fire drill and simulation. The crew acted according to the Fire Station Quarter Bill and both Captains stated their crew performed exceptionally to contain the fire.

Seabulk Offshore determined the cause of the fire to me a ruptured fuel line.

II. EXECUTIVE SUMMARY

Incident Summary

32/71/04 MMS



After waiting 15-20 min for the fire to smother, a second attempt was made to enter the engine room. When the hatch was opened, widely spaced flames were spotted and were about 6-7

inches in height. Captain and Mr. entered the compartment with Dry Chem Extinguishers to put out the remaining flames. The fire was out at 0300 and the fire watch was set in the engine room. The engine stacks were opened for ventilation and to empty the remaining smoke.

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Incident Involved: Marine Casualty, Reportable

Level of Investigation: Data Collection

IMO Classification: Routine

USCG Classification: Significant 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) = 6

Vessel(s) Status Summary

Actual Total Loss(es) = 0

Total Constructive Loss, Salvaged = 0

Total Constructive Loss, Unsalvaged = 0

Damaged = 1

Undamaged = 0

Property Damage Summary/Total Damage

Waterway Mobility Summary

Vessel Delays (including speed restrictions): None

^{*} Includes estimates

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:

SEABULK NEW JERSEY

Flag:

UNITED STATES

Vessel Identification Number:

566513

Call Sign:

WCW9766

Status:

Damaged

Role:

Involved in a Marine Casualty

Vessel Class, Type, Sub-Type: Gross Tonnage(GRT):

Offshore, Offshore Supply Vessel, General

Net Tonnage(NRT): Deadweight Tons:

Length:

Home/Hailing Port: Keel Laid Date:

12/15/1975

Delivery Date: Place of Construction:

MOSS POINT MS, , UNITED STATES HALTER MARINE FABRICATORS

Builder Name: Propulsion:

Diesel Reduction

Horsepower:

2400

Master:

Classification Society:

Owner:

SEABULK OFFSHORE LTD

2200 ELLER DR PO BOX 13038

Fort Lauderdale, FL, 33316

US

SEABULK OFFSHORE LTD

2200 ELLER DR PO BOX 13038

Fort Lauderdale, FL, 33316

US

Operator:

SEABULK OFFSHORE LTD

146 CALCO, SUITE 101

LAFAYETTE, LA, 70503

Inspection Subchapter:

Most Recent Vessel Inspection Activity:

Current Certificate of Inspection:

1744030, 02/13/2003 8:02:00 AM

Issued on 02/13/2003 8:45:04 AM, by MSO

MORGAN CITY

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

Facility Name:

BAROID DRILLING-PORT FOURCHON

Type:

Waterfront Facility

Status:

Undamaged - Operational

Role:

Site of Investigation

Contact Phone:

Location:

Latitude: 29 07.48333 N

Longitude: 090 12.9 W

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

Status:

Role: Gender:

Age:

SSN:

Birth Date: Email Address:

Phone Number(Home):

Address(Home/Primary Residence):

Not at Risk Crewmember





Comments:

Status:

Role:

Gender:

Age:

SSN:

Birth Date:

Email Address:

Phone Number():

Address(Home/Primary Residence):

Not at Risk Crewmember





Comments:

Status:

Role:

Gender:

Age:

Not at Risk Watchstander

M

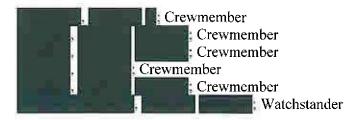


Report of Investigation SSN: Birth Date: Email Address: Phone Number(): Address(Home/Primary Residence): US Comments: Status: Not at Risk Role: Crewmember Gender: M Age: SSN: Birth Date: Email Address: Phone Number(): Address(Home/Primary Residence): US Comments: Not at Risk Status: Role: Crewmember Gender: M Age: SSN: Birth Date: **Email Address:** Phone Number(): Address(Home/Primary Residence): US Comments: Status: Not at Risk Role: Crewmember Gender: M Age: SSN: Birth Date: **Email Address:** Phone Number(): Address(Home/Primary Residence):

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:



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

Other Subjects. The following were subjects of this investigation.

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

BAYOU LAFOURCHE

Role: Location

Local Name: Port Fouchon

Description: Bayou Cochon - Belle Pass / BAYOU LAFOURCHE & LAF.-

JUMP WTWY.L

Waterway Feature: BELLE PASS-PORT FOURCHON

GULF DEEP WATER SPUR

Role: Location

Local Name: LA OFFSHORE OIL PORT AREA

Description: Gulf of Mexico. GI BLOCKS south to MC BLOCKS

Incident Information

Location(s).

Description	<u>Latitude</u>	Longitude
GULF DEEP WATER SPUR	28 25.0 N	090 02.0 W
At a Facility: BAROID DRILLING- PORT	29 09.6102 N	090 14.067 W
FOURCHON: BAY		

Sequence of Events.

04/04/2004 2:20 to 04/04/2004 3:00 (Estimated):

Event Type:

Fire

Event Class:

Initial - contained

Event Subclass:

Location: Known: US Waters

Description: GULF DEEP WATER SPUR

Latitude: 28 25.0 N

Longitude: 090 02.0 W

Subject(s) and Details:

Name

JERSEY

Type

Status

Role

SEABULK NEW

Vessel

Damaged

Involved in a Marine

Casualty

Details Filed: Fire Details

Was the Vessel Configured with Main Vertical Zones? No

Spaces Affected:

Initial:

Space Where Fire Occurred:

Machinery Space

Description of Space:

Aft Engine Room

Extent of Damage:

Cosmetic Damage to Engines and Generators.

Extensive damage to wiring in Engine Room.Overhead lighting melted.

Fire Boundaries

Fire Boundaries Intact:

Intact

Did approved passive fire fighting materials perform as expected: Yes

Ventilation Fire Dampers Fitted:

Yes

Ventilation System Active:

Fire Screen Doors Fitted:

No

Windows Fitted:

No

Ignition and Fuel:

Ignition Source Known:

Yes

Source Category:

10.7- Mechanical fault or breakdown

Source Description:

Fuel line burst.

Fuel Type(s):

Initial or Secondary Type

Description

HAZMAT

Source (liquid fuel

only)

Initial

8.6- Liquid Fuel

Yes

9.1- Burst piping

Pattern of Spread:

Contained in Engine Room

Description of Smoke:

Black & Thick

04/19/2004 13:14 to 04/19/2004 13:14 (Known):

Action Type:

Other Actions - Drug and Alcohol Use and Testing

Action Class:

Take Drug Test - Post-casualty

Location: Known; US Waters

Description: At a Facility: BAROID DRILLING- PORT FOURCHON: BAY

Latitude: 29 09.6102 N Longitude: 090 14.067 W

Subject(s) and Details: Name <u>Type</u> Status Role Party Not at Risk Crewmember Details Filed: Drug and Alcohol Test Details 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: 04/05/2004 Sampling Location: OSV Seabulk Galveston DOT Protocols Used: Yes Collection Agent: **OMS** Donor Certified: Yes Irregularities Noted: No Transferred/Chain of Custody Complete: Yes Field Sobriety Test Field Sobriety Test Performed: No Alcohol Analysis Method of Analysis: Breath Test Instrument Used: Date/Time Results Obtained: 04/05/2004 Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No **Drug Analysis** Analyzing Laboratory: **DOT Protocols Used:** Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain of Custody Complete: Yes Drug Re-Analysis Not at Risk Party Crewmember Details Filed: Drug and Alcohol Test Details 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: 04/05/2004 Sampling Location: OSV Seabulk New Jersey DOT Protocols Used: Yes Collection Agent: Donor Certified: Yes Irregularities Noted: No Transferred/Chain of Custody Complete: Yes Field Sobriety Test

No

Field Sobriety Test Performed:

Report of Investigation Alcohol Analysis Method of Analysis: Breath Test Instrument Used: Date/Time Results Obtained: 04/05/2004 Results: Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No **Drug Analysis** Analyzing Laboratory: DOT Protocols Used: Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain of Custody Complete: Yes Drug Re-Analysis Not at Risk Party Crewmember Details Filed: Drug and Alcohol Test Details 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: 04/05/2004 Sampling Location: OSV Seabulk New Jersey DOT Protocols Used: Yes Collection Agent: Donor Certified: Yes Irregularities Noted: No Transferred/Chain of Custody Complete: Yes Field Sobriety Test Field Sobriety Test Performed: No Alcohol Analysis Method of Analysis: **Breath Test** Instrument Used: Date/Time Results Obtained: Results: Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No Drug Analysis Analyzing Laboratory: DOT Protocols Used: Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain of Custody Complete: Yes Drug Re-Analysis Party Not at Risk Crewmember Details Filed: Drug and Alcohol Test Details Sample Collection Reason for Sample: Post Accident

Report of Investigation Directed to get DOT Test: Yes Chemical Test Sample Provided: Yes Chemical Test Type: Both Sample Type: Urine Date/Time Sample Taken: 04/05/2004 Sampling Location: OSV Seabulk New Jersey DOT Protocols Used: Yes Collection Agent: Donor Certified: Yes Irregularities Noted: No Transferred/Chain of Custody Complete: No Field Sobriety Test Field Sobriety Test Performed: No Alcohol Analysis Method of Analysis: **Breath Test** Instrument Used: Date/Time Results Obtained: 04/05/2004 Results: Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No Drug Analysis Analyzing Laboratory: DOT Protocols Used: Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain of Custody Complete: Yes Drug Re-Analysis Party Not at Risk Crewmember Details Filed: Drug and Alcohol Test Details 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: 04/05/2004 Sampling Location: OSV Seabulk New Jersey DOT Protocols Used: Yes Collection Agent: Donor Certified: Yes Irregularities Noted: No Transferred/Chain of Custody Complete: Yes Field Sobriety Test Field Sobriety Test Performed: No Alcohol Analysis Method of Analysis: Breath Test Instrument Used: Date/Time Results Obtained: 04/05/2004 Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No

Report of Investigation Drug Analysis Analyzing Laboratory: DOT Protocols Used: Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain of Custody Complete: Yes Drug Re-Analysis Party Not at Risk Watchstander Details Filed: Drug and Alcohol Test Details Sample Collection Reason for Sample: Post Accident Directed to get DOT Test: Yes Chemical Test Sample Provided: Yes Chemical Test Type: Dangerous Drugs Sample Type: Urine Date/Time Sample Taken: 04/05/2004 Sampling Location: OSV Seabulk New Jersey DOT Protocols Used: Yes Collection Agent: Donor Certified: Yes Irregularities Noted: No Transferred/Chain of **Custody Complete:** Yes Field Sobriety Test Field Sobriety Test Performed: No Alcohol Analysis Method of Analysis: **Breath Test** Instrument Used: Date/Time Results Obtained: 04/05/2004 Results: Agency Conducting Analysis: Description of Analysis: Irregularities in Analysis: No **Drug Analysis** Analyzing Laboratory: DOT Protocols Used: Yes Test Results: Medical Review Officer/Coroner: MRO/Coroner Conclusions: Sample Transferred and Chain

Yes

of Custody Complete:

Drug Re-Analysis

Report	of	Inve	stiga	ation
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V. CAUSAL ANALYSIS

The Initiating Event of the Incident

Initiating Event:

N/A

Failures of Defense Against Subsequent Events in the Incident

N/A

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.

NONE

APPENDIX 1 - EVIDENCE

2039386 #001 : Document/CG-2692 Report of Marine Accident, Injury or Death

CG-2692 Submitted by Seabulk Offshore

Collection Information:

Date/Time:

04/22/2004 7:28:00 AM

Location:

MSO Morgan City

Collected By: USCG Gathered;,

Witnessed By: USCG Witness;,

Tracking:

Attachments:

- 2039386 #001 MMS.pdf; MSO MORGAN CITY;

04/22/2004;

2039386 #002 Document/CG-2692B Rpt of Req Chemical Drug/Alcohol Testing

CG-2692B Submitted by Seabulk Offshore

Collection Information:

Date/Time:

04/22/2004 7:30:00 AM

Location:

MSO Morgan City

Collected By: USCG Gathered;

Witnessed By: USCG Witness;,

Tracking:

Attachments:

- 2039386 #002 MMS.pdf; MSO MORGAN CITY;

04/22/2004;

2039386 #003 : Document/Notice to Mariners

Notice to Mariners Regarding Seabulk New Jersey fire.

Collection Information:

Date/Time:

04/22/2004 7:32:00 AM

Location:

MSO Morgan City

Collected By: USCG Gathered;,

Witnessed By: USCG Witness;,

Tracking:

Attachments:

- 2039386 #003 .pdf; MSO MORGAN CITY;

 $04/22/20\overline{04}$;