



Marine Pipeline Safety

Awareness and Damage Prevention



www.portsl.com



2014

Awareness

The most serious risks to human life and environment posed by marine pipelines are due to anchors, spud barges and collisions of vessels. The intensity of all types of marine use increases near the coast where water is shallower and pipelines are most densely distributed. We are concerned about threats to life and environment resulting from pipeline damage.

Pipeline companies often install subsea attachments or interconnecting piping and valves to their subsea platforms as part of an expansion activity. Avoid activities within 150' of coastal and marsh pipeline platforms where coastal erosion or storms may have removed waterbottom cover from pipelines and subsea assemblies. If your gear becomes entangled and you see bubbling or a liquid rise to the surface, you may have snagged a subsea assembly. Do not attempt to free your gear, placing yourself and your vessel at risk. Record the vessel position and contact the U.S. Coast Guard.



JANUARY 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>			1 New Year's Day	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20 Martin Luther King Day	21	22	23	24	25
26	27	28	29	30	31	



Prevention

Complex operating environments and tight deadlines are among the daily challenges faced by vessel operators. Therefore, a focus on safe operations is critical. It is important to remember underwater pipelines as you develop your safety, work and voyage plans. Submerged pipelines can be damaged by a spud, wheel washing, pile driving, anchor, the pads of a jack-up rig or any heavy activity.

In State waters, call 8-1-1, the national Call Before You Dig resource, to have pipelines located and operators notified of your activity. It is free and it is the law.

Offshore or in OCS waters, contact www.GulfSafe.com or call 1 (888) 910-4853 to report your work locations.

Use the Marine Pipeline Hazard Avoidance Checklist to help reduce the potential for pipeline damage during your next operation. (Located in calendar after December)



FEBRUARY 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Pipeline safety is a shared responsibility.</p> 						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	
					Valentine's Day	
	Presidents' Day					



Emergency Preparedness

- Conduct a safety meeting with your crew that covers the hazards of working near pipelines.
- Prepare and review with your crew an emergency response and evacuation plan in the event you make contact with an underwater pipeline.
- Confirm that life-saving devices, including life vests, are placed at multiple, convenient, on-deck locations.
- Ensure you have the information you need to account for all your personnel in the event of a pipeline incident.
- Conduct regular drills to ensure your crew is ready to respond to an emergency.



MARCH 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>						1
2	3	4 Mardi Gras	5 Ash Wednesday	6	7	8
9 Daylight Saving Time Begins	10	11	12	13	14	15
16	17 St. Patrick's Day	18	19	20	21	22
23	24	25	26	27	28	29
30	31					<p>Pipeline safety is a shared responsibility.</p> 



Coast Guard: Message to Mariners

- Ensure you have appropriately detailed navigation charts on board.
- Review the most recent Coast Pilot 5 information to plan your voyage.
- Ensure your vessel's draft is appropriate for the area you plan to navigate.
- Utilize the USCG Notice to Mariners to identify new hazards.
- Confirm a minimum of 1 foot of water and 3 feet of mud clearance under the vessel's draft for safe passage over pipelines.
- Assess the potential effects of tides and weather on the navigable charts. Continue to monitor the tides and weather throughout the job.
- Review recent hazard surveys for your work locations, if available.
- When working in shallow waters, confirm that all known hazards have been identified with visible markers or survey, including pipeline crossings, obstructions and shallow or exposed pipelines that are identified in the USCG Notice to Mariners Report.



APRIL 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>						
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
					Good Friday	
20	21	22	23	24	25	26
Easter						
27	28	29	30		<p>In your voyage plan, plan for pipelines. Know what's below, before you go.</p>	



Obey all Marine Safety Advisories, Slow Bell Requests and Marine Safety Information Bulletins.



MSOC

- Port of South Louisiana (24 Hrs.): (985) 536-8300
- Port of St. Bernard / Plaquemines: Lt. Eric Acosta – (504) 342-6289
- Port of Greater Baton Rouge (JTF7) (225) 342-1619



MAY 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Pipeline safety is a shared responsibility.</p> 				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
Mother's Day						Armed Services Day
18	19	20	21	22	23	24
				National Maritime Day		
25	26	27	28	29	30	31
Memorial Day						



Ensuring Safe Operations

Production and transportation pipelines and platforms are regulated by multiple agencies that include the U.S. Department of Transportation's Pipeline and Hazardous Materials Administration, U.S. Coast Guard and Bureau of Ocean Energy Management, Regulation and Enforcement. These agencies conduct frequent inspections to ensure operations and maintenance are being conducted in accordance with regulations.



JUNE 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
Father's Day						Flag Day	
22	23	24	25	26	27	28	
29	30					<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>	



Understand the Signs of a Pipeline Leak

- Although pipeline failures are rare, you and your crew members should be aware of the signs of a possible pipeline leak:
- A blowing or hissing sound
- Blowing water or continuous bubbling that may resemble wheel wash
- A gaseous, hydrocarbon or other unusual color; or liquids bubbling to the surface
- Rainbow sheen



WARNING
DO NOT
ANCHOR OR DREDGE
GAS PIPELINE CROSSING
PHONE 281-533-3333

JULY 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
					Independence Day	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	<p>Pipeline safety is a shared responsibility.</p> 	



Act Immediately if You Suspect a Leak

- Immediately minimize the use of potential ignition sources such as cell phones, motors, switches, cigarettes, lighters and lights.

Quickly and calmly assess the situation. Ask yourself the following questions:

*What caused the damage?
Was it a spud, vessel or anchor?*

How large does the leak appear to be? Is it getting worse?

What are the weather conditions? Are you expecting lightning, rough seas, etc.?

Where will you and your crew be safest?

- If you evacuate, move personnel to a safe location upwind, as far as possible from the affected area, but not less than ¼ mile away.
- Prevent unsuspecting vessels or parties from entering the area.
- Do NOT attempt to extinguish a natural gas fire.
- If you see a pipeline crossing sign, call the 800 number and provide your general location and coordinates to allow the pipeline's Operation Control personnel to isolate the pipeline.



AUGUST 2014

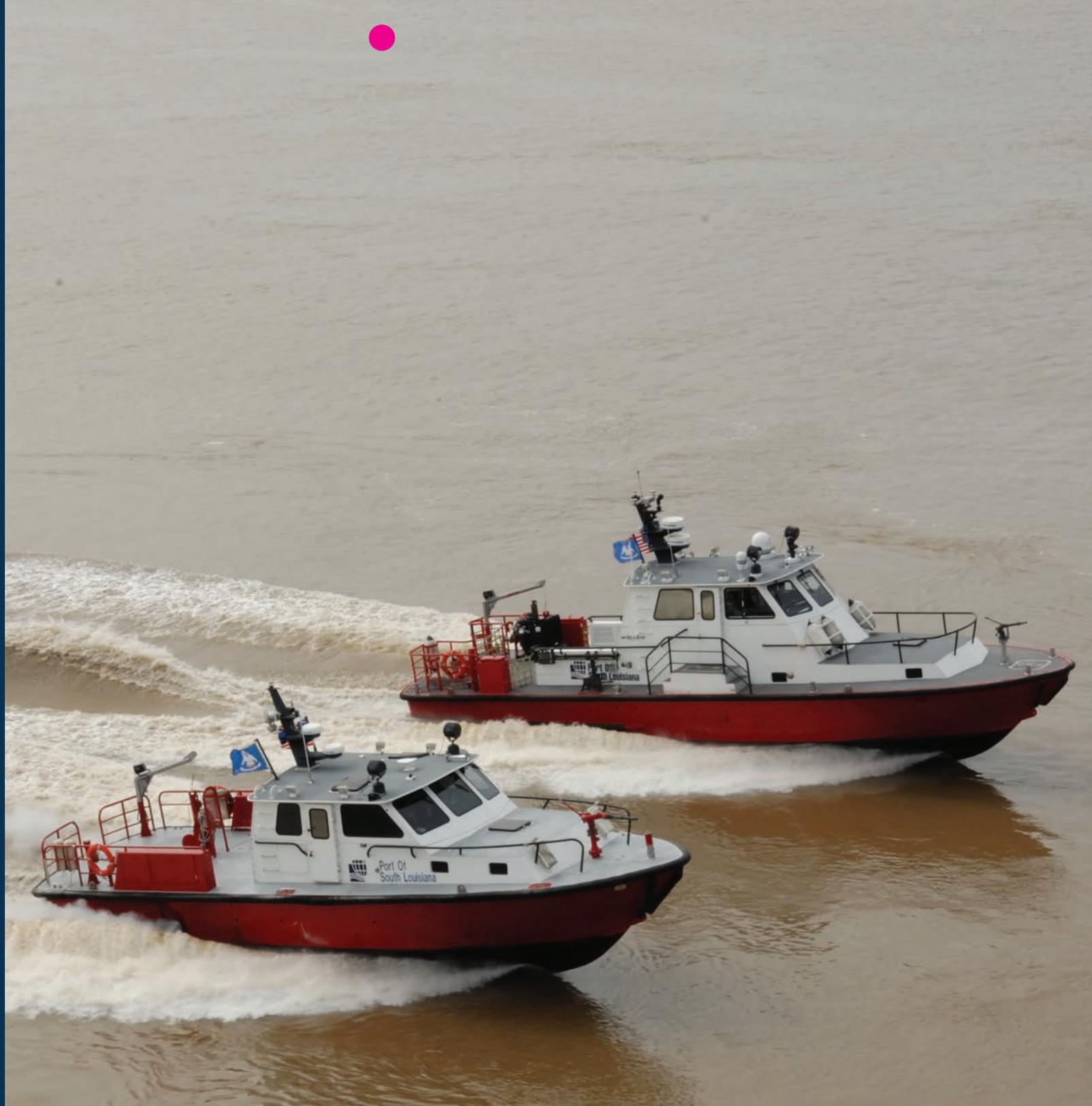
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>In the event of a natural gas release or hydrocarbon spill contact: USCG National Response Center 1 (800) 424-8802.</p>					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31					<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>	



What if there is a Spill or Release of Natural Gas?

The goal is to stop the flow of product or natural gas as quickly as possible. If you are in a bayou or marsh and there is a pipeline marker nearby, contact the operator using the emergency number on the signage. They will provide emergency instructions and quickly dispatch personnel to isolate the pipeline and provide emergency instructions.

Always contact The National Response Center. The NRC is able to quickly locate and contact pipeline operators to isolate pipeline facilities. If you suspect that you have grounded your vessel on a pipeline, please state in your call that this is a "release" or "potential release" so the pipeline operator can be contacted to isolate the pipeline facility. Attempting to free your vessel will increase the risk to your crew and vessel. Follow the safety guidelines provided.



SEPTEMBER 2014

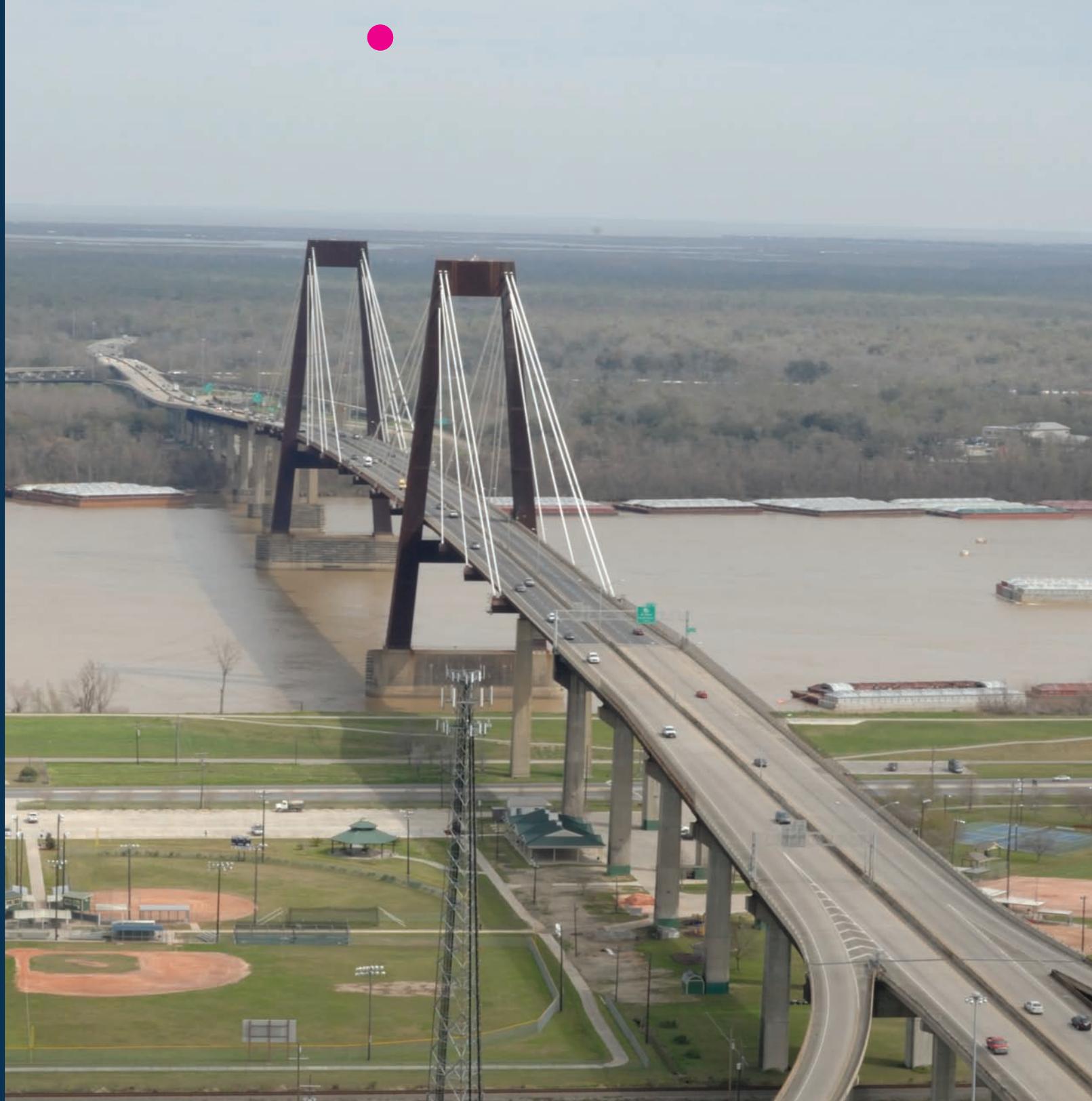
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 7	1 Labor Day	2	3	4	5	6
14	8	9	10	11 Patriot Day	12	13
21	15	16	17	18	19	20
28	22	23	24	25	26	27
28	29	30			<p>Pipeline safety is a shared responsibility.</p> 	



**In your voyage plan,
plan for pipelines.
Know what's below,
before you go.**

**To coordinate with
Pipeline Operators:
In State Waters:
Call 8-1-1**

**In the event of a
Natural Gas Release or
Hydrocarbon Spill
Contact: USCG National
Response Center
1 (800) 424-8802**



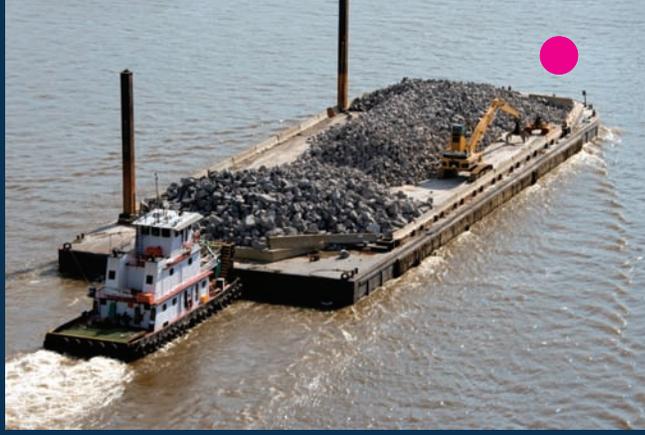
OCTOBER 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>			1	2	3	4
5	6	7	8	9	10	11
12	13 Columbus Day	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31 Halloween	



Jack-Up Barges and Boats

- Confirm that all barge spuds and legs have been secured and all safety devices have been engaged to prevent lowering while underway.
- Request the pipeline operator place personnel onboard to help ensure safe placement.
- Confirm that designated safe spud or jack-up areas near platforms and pipelines have been approved by the appropriate pipeline operators.
- Prepare and review with your crew an emergency response and evacuation plan in the event you make contact with an underwater pipeline.
- If a spud or pad contacts a pipeline, do not attempt to raise it, as this action may cause ignition.



NOVEMBER 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Pipeline safety is a shared responsibility.</p> 				<p>In the event of a natural gas release or hydrocarbon spill contact: USCG National Response Center 1 (800) 424-8802.</p>		<p>1</p> <p>All Saints' Day</p>
2	3	4	5	6	7	8
Daylight Saving Time Ends						
9	10	11	12	13	14	15
		Veterans Day				
16	17	18	19	20	21	22
23	24	25	26	27	28	29
				Thanksgiving Day		
30	<p>In your voyage plan, plan for pipelines. Know what's below, before you go.</p>				<p>Any time you drop anchor, dredge, lay pipe, drive pilings, wheel-wash or jack-down (spudding), you must have the proper permission required by state law, through calling the free 8-1-1 clearance service.</p>	





Know what's below.
Call before you dig.



DECEMBER 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
Pearl Harbor Remembrance Day						
14	15	16	17	18	19	20
21	22	23	24	25	26	27
			Christmas Eve	Christmas Day		
28	29	30	31		Pipeline safety is a shared responsibility. 	
			New Year's Eve			



Marine Pipeline Safety

Awareness and Damage Prevention

MARINE PIPELINE HAZARD AVOIDANCE CHECKLIST

Use this checklist to help reduce the potential for pipeline damage during your next operation.

Before you mobilize:

- In State waters, call 8-1-1, the national call before you dig number, to have pipelines located and operators notified of your activity. It's free and it's the law. Offshore or in OCS waters, contact Gulfsafe.com or call 1-888-910-4853 to report your work location.
- Establish, communicate and agree upon a safe route for your vessels with pipeline operators.
- Request the pipeline operator place personnel onboard during work near pipelines and platforms.
- Ensure the route or jobsite has been surveyed and properly marked.
- Ensure the surveyor has confirmed a minimum of 1 foot of water and 3 feet of mud clearance under the vessel's draft for safe passage over pipelines.
- Ensure your vessel's draft is appropriate for the entire area you will navigate.
- Review the most recent Coast Pilot 5 information to plan your voyage or work.
- Assess the potential effects of tides and weather on the navigable depths. Continue to monitor tides and weather throughout the job.
- Review recent hazards for your work locations, if available.
- Confirm that all known hazards have been identified with visible markers or surveys, including pipeline crossings, obstructions, shallow or exposed pipelines that are identified in the USCG Notice to Mariners Report.
- Ensure you have appropriately detailed navigation charts on board.
- Clearly identify pipelines and pipeline crossing in your voyage plan.
- Conduct a safety meeting with your crew that covers the hazards of working near pipelines.
- Prepare and review with your crew an emergency response and evacuation plan in the event you make contact with an underwater pipeline.
- Confirm that life-saving devices, including life vests, are placed at multiple, convenient, on-deck locations.
- Ensure you have the information you need to account for all your personnel in the event of a pipeline incident.
- Review the requirements to contact the National Response Center in the event you make contact with an underwater pipeline. 1-800-424-8802

Mobilization and mooring:

- Confirm that designated safe spud or jack-up areas near platforms and pipelines have been approved by the appropriate pipeline operators.
- Confirm that all barge spuds have been secured.
- Confirm that you've coordinated with pipeline operators to have personnel on board your vessel.
- Confirm that tidal conditions are adequate for mobilization and safe navigation.
- Moor all boats, barges and support vessels at safe mooring locations when they will be left unattended. Moor with a minimum of two mooring points.
- Confirm that your mooring location is not close to a sign that indicates a pipeline crossing. These are not safe mooring locations. The signs are general indicators of where a pipeline may be located; they do not mark the exact location of the pipeline.

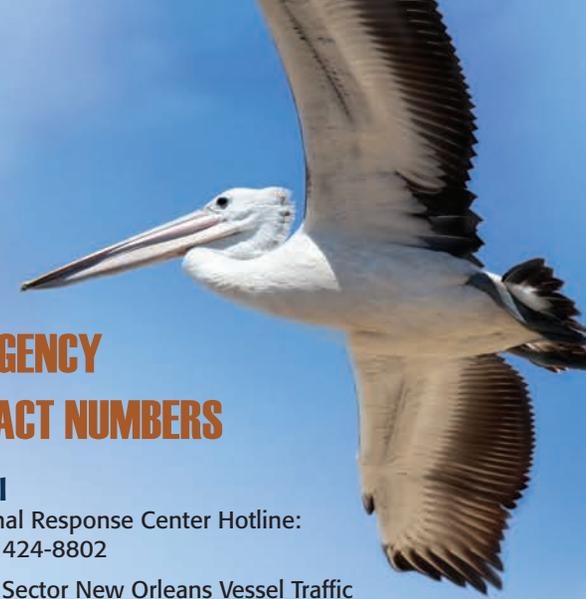
EMERGENCY CONTACT NUMBERS

Federal

- National Response Center Hotline: (800) 424-8802
- USCG Sector New Orleans Vessel Traffic Service Lower Mississippi River (24 Hrs.): (504) 365-2230
- USCG Sector New Orleans Command Center (24 Hrs.): (504) 365-2543 or (504) 365-2200
- USCG Sector New Orleans Waterways Management: (504) 365-2280
- USCG Marine Safety Unit Baton Rouge (225) 298-5400
- USCG Marine Safety Unit Morgan City: (985) 380-5320
- U.S. Army Corps of Engineers (USACE) New Orleans EOC: (504) 862-1102
- FBI New Orleans: (504) 816-3000

State

- Louisiana State Police HAZMAT HOTLINE: (877) 925-6595
- Louisiana Dept. of Environmental Quality (LA-DEQ): (888) 763-5424 / (225) 342-1234 www.deq.louisiana.gov
- Louisiana Dept. of Natural Resources (Pipeline): (225) 342-5505
- Governor's Office of Homeland Security & Emergency Preparedness: (225) 925-7500
- LA-SAFE (State Fusion Center): (225) 925-4192
- Pontchartrain Levee District: (225) 869-9721



About the Port of South Louisiana

The Port of South Louisiana (USCG COTP Zone Sector New Orleans), strategically located between two major port jurisdictions (New Orleans and Greater Baton Rouge) and encompassing 54 miles (River MM 114.9 to 168.5 -Three Parishes: St. Charles, St. John the Baptist and St. James) along the Lower Mississippi River, is the largest tonnage port in the Western Hemisphere. On average, 4,000 deep draft vessels and 55,000 barges transit the Port of South Louisiana on a yearly basis, accounting for 15% of all U.S. cargo throughput (57% Louisiana) and 60% of all U.S. grain exports. Within the Port of South Louisiana there are **72 pipelines (six major)**, 11 petrochemical plants, four major refineries, a nuclear plant, three major bridges, 34 deep draft mooring sites, five regulated anchorages, eight midstream transfer points, three conventional power plants, three railroads, seven grain elevators, 110 miles of levees, 29 barge fleeting areas, one DOE Strategic Petroleum Reserve (CAPLINE) and is the Terminus for the Louisiana Offshore Oil Port (LOOP- the #1 Critical Infrastructure in the U.S.). The Department of Homeland Security ranks the lower 300 hundred miles of the Mississippi River as one of the Nation's top **five** port assets and the **third** most important waterway in the country.

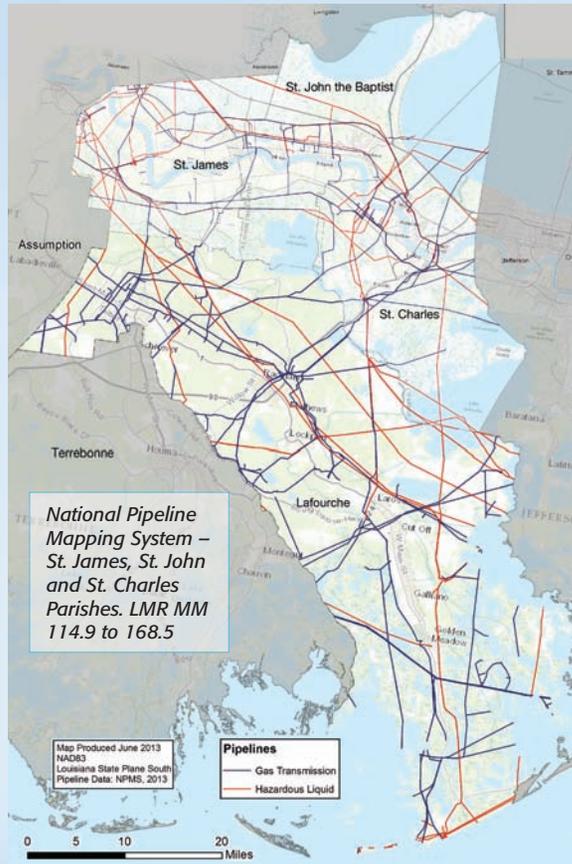
The Port of South Louisiana is well-positioned to respond to river emergencies within its jurisdiction and takes great interest in all types of hazard mitigation along the river.

Situated within the Port of South Louisiana's Globalplex Facility (Adjacent to Bldg. 76) is a state-of-the-art incident command center, equipped with closed circuit television cameras and satellite communications capabilities.

Visit www.portsl.com for additional information and to view the Marine Pipeline Safety video.



www.portsl.com



**In your voyage plan, plan for pipelines.
Know what's below, before you go.**

**To coordinate with Pipeline Operators:
In State Waters: Call 8-1-1**

**In the event of a Natural Gas Release or
Hydrocarbon Spill
Contact: USCG National Response Center
1 (800) 424-8802**



Port Authorities

- Port of South Louisiana (Marine Operations 24 Hrs.): (985) 536-3678 (Day) / (866) 536-3678 Channels 16 & 67 Marine VHF While on Patrol
- Plaquemines Port Harbor & Terminal District (24 Hrs.): (504) 297-5660
- St. Bernard Port & Harbor District: (504) 277-8418 / (504) 342-6289 (Lt. Eric Acosta)
- Port of New Orleans: (504) 522-2551
- Port of New Orleans Harbor Police: (504) 891-7585
- Port of New Orleans Fire Boat: (504) 897-6844
- Port of Greater Baton Rouge (24 Hrs.): (225) 342-5378

MSOC

- Port of South Louisiana (24 Hrs.): (985) 536-8300
- Port of St. Bernard / Plaquemines: Lt. Eric Acosta - (504) 342-6289
- Port of Greater Baton Rouge (JTF7) (225) 342-1619

Notification: Suspicious Activity

(such as picture taking and/or placing objects on or near pipeline infrastructure): 9-1-1 and NRC

Notification: Pipeline Strike

- National Response Center (800) 424-8802 (24 Hrs.)
- Louisiana State Police HAZMAT Hotline: (877) 925-6595
- Louisiana DEQ Hotline: (225) 342-1234
- Louisiana DEQ Single Point Of Contact: (225) 219-3640
- Louisiana Oil Spill Coordinator's Office (LOSCO) (225) 925-6606
- GOHSEP: (225) 925-7500

Questions (Schedule Presentation)

Lester J. Millet III, LEM
Policy and Planning Director / FSO Workgroup Chairman
Port of South Louisiana
(985) 210-7518
lmillet@portsl.com

2015

January

Sat	Sun	Mon	Tue	Wed	Thu	Fri
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February

Sat	Sun	Mon	Tue	Wed	Thu	Fri
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March

Sat	Sun	Mon	Tue	Wed	Thu	Fri
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April

Sat	Sun	Mon	Tue	Wed	Thu	Fri
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May

Sat	Sun	Mon	Tue	Wed	Thu	Fri
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June

Sat	Sun	Mon	Tue	Wed	Thu	Fri
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July

Sat	Sun	Mon	Tue	Wed	Thu	Fri
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August

Sat	Sun	Mon	Tue	Wed	Thu	Fri
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September

Sat	Sun	Mon	Tue	Wed	Thu	Fri
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October

Sat	Sun	Mon	Tue	Wed	Thu	Fri
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November

Sat	Sun	Mon	Tue	Wed	Thu	Fri
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December

Sat	Sun	Mon	Tue	Wed	Thu	Fri
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

