

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE: Dec / 28 / 2007

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #: 001 - 005 Areas worked (stations, etc): Stations 12<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 630 x W 93 ° 48 . 660

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 15.6 - 22.2 °C / °F Wind Direction and Speed NNW to 10 to 15 knots

WATER TEMP: Surface 14.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

**Comments (type of material, biological specimens, unusual circumstances, etc):**

- Materials Dredged - Mud, Silt
- Biotics - Bivalves
- Abiotics - Plastic, Metal, Granite

Begin Dredging operations in Sabine Pass. Ship underway ~0130. Arrive on site at 0400. Dredging commenced 0431. Initially foggy with scattered showers and thunderstorms in the morning. Becoming partly cloudy to mostly clear in the afternoon. Sea 3 to 5 ft with slight chop, with winds NNW 10 to 15 knots..

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>&gt;20 / 2-4</u>	<u>In Channel &amp; near jetties, foraging &amp; playing</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Dec / 29 / 2007

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work     

Load #s: 006 - 011

Areas worked (stations, etc): Stations 12<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29 ° 36 . 635 x W 93 ° 48 . 502

Beaufort Sea State: 0    1    2    **3**    4    5    6    7    8    9    10    11    12

AIR TEMP: 14.0 - 19.4 °C / °F    Wind Direction and Speed NNW to 5 to 20 knots

WATER TEMP: Surface 14.5 °C / °F    Column (mid-depth) --- °C / °F    Bottom --- °C / °F

Condition of deflector: Good 100%    Condition of screening: Good 100%

Were there incidents involving endangered or protected species?    YES         NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - Bivalves, Snake eels

Abiotics - Plastic, Metal, Granite

Cold front moving into area. Clear skies in morning with light wind from north gradually becoming overcast by mid morning and wind gusting to 20 knots. Winds decreased in afternoon to 10 to 15 knots. Sea were a gentle swell to slight chop 1 to 3 ft all day.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	>20 / 3-6	In Channel foraging, bow riding & playing
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		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry    Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

**DAILY REPORT**

DATE: Dec / 30 / 2007

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 012 - 018 Areas worked (stations, etc): Stations 12<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29° 36 . 495 x W 93° 48 . 457

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 11.7 - 14.4 °C / °F Wind Direction and Speed NNW to 2 to 17 knots

WATER TEMP: Surface 14.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - none

Abiotics - Plastic, Metal, Granite, rope, cloth, netting,

Skies overcast in morning clearing throughout day. Winds predominately from north decreasing in strength through day. Seas a gentle swell early morning 1-3 ft decreasing to calm seas.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>7 / 3-6</u>	<u>Only seen while bow riding on passing ships</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
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<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE: Dec / 31 / 2007

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 019 - 026

Areas worked (stations, etc): Stations 12<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 35 . 913 x W 93 ° 48 . 201

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 14.5 - 19.4 °C / °F Wind Direction and Speed NNE <5kts, Calm airs, var.

WATER TEMP: Surface 14.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - (1) Blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, etc.

Skies clear throughout the day with calm seas (0-1ft.swell). Winds remained light and variable. Winds beginning to increase approaching midnight.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>2 / 1-4</u>	<u>Only seen while bow riding on out going ships</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE: Jan / 01 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 027 - 034      Areas worked (stations, etc): Stations 12<sup>700</sup> to 17<sup>900</sup>

Location, Lat/Long:      N 29 ° 36 . 170 x W 093 ° 48 . 330

Beaufort Sea State: 0    1    2    **3**    4    5    6    7    8    9    10    11    12

AIR TEMP: 5 - 11.1 °C °F      Wind Direction and Speed N/NNE 10-30 kts

WATER TEMP: Surface 14.5 °C °F      Column (mid-depth) --- °C °F      Bottom --- °C °F

Condition of deflector: Good 100%      Condition of screening: Good 100%

Were there incidents involving endangered or protected species?    YES       NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - None

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, etc.

Skies clear throughout the day with winds building from the North/NNE up to 30kts. Swells grew to 4-5 ft. with increasing wind. Temperatures dropped.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>0 / 0</u>	<u>None seen.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Lindsey Loughry    Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE: Jan / 02 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 035 - 042

Areas worked (stations, etc): Stations 12<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29° 36 . 600 x W 093° 48 . 600

Beaufort Sea State: 0 1 2 3 **4 5** 6 7 8 9 10 11 12

AIR TEMP: 2.7-6.1 °C / °F Wind Direction and Speed N/NNE 15-30 kts

WATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - Wood, (1) Clam, (1) Coconut

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Dry Canadian Northern Cold front moved into area. Skies clear with high winds from the North/NNE up to 30kts. Swells grew to 3-5 ft. with slight chop. Temperatures approaching freezing. A hard freeze forecasted for surrounding Areas during the night.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>0 / 0</u>	<u>None seen.</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 03 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 043 - 047

Areas worked (stations, etc): Stations 12<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29° 36.060' x W 093° 48.270'

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 0.0 - 3.9 °C °F Wind Direction and Speed ENE 15-25 kts

WATER TEMP: Surface 13.3 °C °F Column (mid-depth) --- °C °F Bottom --- °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES \_\_\_ NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - oysters

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Dry Canadian Northern Cold front moved into area. Skies clear with high winds from the North/NNE up to 30kts. Swells grew to 3-5 ft. with slight chop. Went to the dock after load 045 for fuel and water.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	0 / 0	None seen.
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		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 04 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 048 - 055 Areas worked (stations, etc): Stations 12<sup>+700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29 ° 36 . 060 x W 093 ° 48 . 270

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 3.9 - 11.2 °C / °F Wind Direction and Speed ESE 15-25 kts

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - oysters, wood

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Choppy seas, 3 to 6 feet. Skies partly cloudy to mostly cloud with high winds from the East up to 30kts.  
Problems with draghead at noon leading to about an hour delay.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	0 / 0	None seen.
		/	
		/	
		/	
		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

**DAILY REPORT**

DATE: Jan / 05 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 056 - 061

Areas worked (stations, etc): Stations 05<sup>700</sup> to 17<sup>900</sup>

Location, Lat/Long: N 29° 37.210 x W 093° 48.911

Beaufort Sea State: 0 1 2 **3 4 5 6** 7 8 9 10 11 12

AIR TEMP: 8.8 - 19.4 °C / °F Wind Direction and Speed ESE 15-25 kts

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - bivalves, wood, gastropods

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Dig section extended.

Delay after load 60. Installed new overflow system to water's edge.

Overcast skies. Easterly winds.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
	<i>Tursiops truncatus</i>	0 / 0	None seen.
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 06 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #: 062 - 067 Areas worked (stations, etc): Stations 05<sup>-700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 37 . 210 x W 093 ° 48 . 911

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 13.3 - 19.4 °C / °F Wind Direction and Speed SSE 5-15 kts

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - bivalves, wood, gastropods, grass, bones

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Clear skies to mostly clear. Hazy in morning limiting visibility to ~2 miles. Around 1100 am, problems with draghead led to a delay. Went to anchor for repairs and to perform further modifications to overflow.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
	<u><i>Tursiops truncatus</i></u>	<u>0 / 0</u>	<u>None seen.</u>
		<u>/</u>	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE: Jan / 07 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 068 - 074      Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long:      N 29 ° 36 . 308 x W 093 ° 48 . 467

Beaufort Sea State: 0    1    2    **3**    4    5    6    7    8    9    10    11    12

AIR TEMP: 14.4 - 17.2 °C / °F      Wind Direction and Speed S/SE 7-10 kts

WATER TEMP: Surface 13.8 °C / °F      Column (mid-depth) --- °C / °F      Bottom --- °C / °F

Condition of deflector: Good 100%      Condition of screening: Good 100%

Were there incidents involving endangered or protected species?    YES       NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - bivalves, wood, grass, bones, 1 blue crab.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.

Foggy early morning till an hour after sunrise giving way to overcast skies and light winds.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>0945</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 2-3</u>	<u>Bow riding</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Lindsey Loughry    Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 08 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston  
 Dredge Name: M/V Columbia Dredge Firm: B + B  
 Contract #: W912HY-08-C-0007 Maintenance  / New Work

Load #s: 075 - 081 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 308 x W 093 ° 48 . 467

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 14.4 - 17.2 °C / °F Wind Direction and Speed S/SE 7-10 kts

WATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some clay.  
 Biotics - bivalves, wood, grass, gastropods, 1 coconut.  
 Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, etc.  
 Foggy early morning till late evening. Winds picked up in evening with seas becoming 2 -4 feet and choppy.  
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
	<i>Tursiops truncatus</i>	0 /	None sighted
		/	
		/	
		/	
		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 09 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #: 082 - 084

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 175 x W 093 ° 48 . 280

Beaufort Sea State: 0 1 2 **3** **4** 5 6 7 8 9 10 11 12

AIR TEMP: 10.6 - 16.7 °C / °F Wind Direction and Speed N 10-20 kts

WATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some clay.

Biotics - bivalves, wood, grass, gastropods, bones, fish skulls.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rubber, chain, etc.

Foggy early morning till late evening. Winds strong in early morning with seas becoming 2 -4 feet and choppy decreasing as day progressed. Went to dock after load 84 for fuel, water and repairs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
	<i>Tursiops truncatus</i>	0 /	None sighted
		/	
		/	
		/	
		/	
		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

## DAILY REPORT

DATE: Jan / 10 / 2008Project Name: Sabine Pass-Port Arthur, TXUSACE District: GalvestonDredge Name: M/V ColumbiaDredge Firm: B + BContract #: W912HY-08-C-0007Maintenance  / New Work Load #s: N/A - N/A Areas worked (stations, etc): N/ALocation, Lat/Long: N N/A °      x W N/A °     Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12AIR TEMP: 12.8 - 16.7 °C / °F Wind Direction and Speed N 10-20 ktsWATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES  NO Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

At dock for repairs all day.

Foggy early morning giving way to thunderstorms mid morning to partly cloudy skies in the afternoon..

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
	<i>Tursiops truncatus</i>	0 /	None sighted
		/	
		/	
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		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

## DAILY REPORT

DATE: Jan / 11 / 2008Project Name: Sabine Pass-Port Arthur, TXUSACE District: GalvestonDredge Name: M/V ColumbiaDredge Firm: B + BContract #: W912HY-08-C-0007Maintenance  / New Work Load #s: N/A - N/A Areas worked (stations, etc): N/ALocation, Lat/Long: N N/A °     x W N/A °    Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12AIR TEMP: 12.8 - 17.5 °C / °F Wind Direction and Speed N 10-20 ktsWATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES  NO Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

At dock for repairs all day.

Clear skies and unlimited visibility

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
	<i>Tursiops truncatus</i>	0 /	None sighted
		/	
		/	
		/	
		/	
		/	
		/	

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

# DAILY REPORT

DATE: Jan / 12 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 085 - 085

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 680 x W 093 ° 48 . 660

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.8 - 17.5 °C / °F Wind Direction and Speed E to ESE 5-10 kts

WATER TEMP: Surface 13.8 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - bivalves, wood, grass.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, etc.

At dock for repairs till early morning, and took on fuel mid afternoon. Underway at 1700 and recommenced dredging operations at 1808 hrs. Skies mostly clear and sunny with unlimited visibility. Seas with gentle swell 1-3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
	<i>Tursiops truncatus</i>	0 /	None sighted
		/	
		/	
		/	
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

# DAILY REPORT

DATE: Jan / 13 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 086 - 090

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 489 x W 093 ° 48 . 521

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.5 °C / °F Wind Direction and Speed SE to NE 5-10 kts

WATER TEMP: Surface 16.1 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - bivalves, wood, grass.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, etc.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

## BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>1110</u>	<u><i>Tursiops truncatus</i></u>	<u>1 / 3</u>	<u>Bowriding on passing ship</u>
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 14 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #: 091 - 096

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29 ° 36 . 627 x W 093 ° 48 . 519

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.5-21.1 °C / °F Wind Direction and Speed E 5-10 kts to N 2 5kts

WATER TEMP: Surface 15.5 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - bivalves, wood, grass, gastropods, (1) blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals etc.

Clear skies, slightly choppy in morning decreasing to a small swell by noon.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 15 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 097 - 102

Areas worked (stations, etc): Stations 05<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29 ° 36 . 630 x W 093 ° 48 . 630

Beaufort Sea State: 0   1  2  3  4  5  6  7  8  9  10  11  12

AIR TEMP: 11.1-21.1 °C / °F Wind Direction and Speed light and variable

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, turtle bone (old), bivalves

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals etc.

Overcast skies with light/variable winds and calm seas. Late evening thunderstorms moving into area.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u><i>Tursiops truncatus</i></u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 16 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 103 - 107

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 420 x W 093 ° 48 . 420

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 9.4 -21.1 °C / °F Wind Direction and Speed light and variable

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, gastropods, blue crabs.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass, fiberglass etc.

Early morning cold front moving into area bringing high winds from north, cooler temperatures, and showers and thunderstorms and decreasing visibility till late morning.. Seas rose to 3 to 7 feet with moderate chop decreasing to 2 to 4 feet in evening with light chop.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u><i>Tursiops truncatus</i></u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>

Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

DAILY REPORT

DATE: Jan / 17 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #: 108 - 112

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 210 x W 093 ° 48 . 340

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 9.4 -21.1 °C / °F Wind Direction and Speed light and variable

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, gastropods, blue crabs, mantis shrimp, stone crab.

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass, fiberglass etc.

Overcast skies most of the days, seas 1-3 ft, cool and breezy.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
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Observers Names Terrance N. Todd / Lindsey Loughry Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 24 / 2008

Project Name: Sabine Pass

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912HY-08-C-0002

Maintenance  / New Work

Load #s: 1 -            Areas worked (stations, etc): 1 + 000 - 7 + 000

Location, Lat/Long: N           °           ' x W           °           '

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 54.7 - 68.2 °C / °F Wind Direction and Speed ENE @ 5 - 15 kts

WATER TEMP: Surface 60.1 °C / °F Column (mid-depth)            °C / °F Bottom            °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) n/a

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species  
Dredged material: mud, clay  
Biota: grass, blue crab  
Abiota: trash, plastic, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran

Observer Firm: Coastwise Consulting, Inc.



ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE March / 26 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance  / New Work

Load #s: 121 - 127 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed E @ 15 -25kts

WATER TEMP: Surface 61 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u>_____</u>	<u>_____</u>	<u>_____ / _____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____ / _____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____ / _____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____ / _____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____ / _____</u>	<u>_____</u>

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE March / 27 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston  
 Dredge Name: M/V Columbia Dredge Firm: B + B  
 Contract #: W912HY-08-C-0007 Maintenance X / New Work     

Load #s: 128 - 134 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed E @ 15 - 25kts

WATER TEMP: Surface 61 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES      NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
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Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE March / 28 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston  
 Dredge Name: M/V Columbia Dredge Firm: B + B  
 Contract #: W912HY-08-C-0007 Maintenance  / New Work

Load #s: 135 - 141 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed E @ 15 - 25kts

WATER TEMP: Surface 61 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES \_\_\_ NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics – wood, grass, bivalves, blue crab

Abiotics – Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE March / 29 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work     

Load #: 142 - 149 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed E @ 15 - 25kts

WATER TEMP: Surface 62 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES      NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
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Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE March / 30 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work     

Load #: 150 - 156 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed SE @ 15 - 25kts

WATER TEMP: Surface 62 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES      NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
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<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
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Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE March / 31 / 2008

Project Name: Sabine Pass-Port Arthur, TX  
 Dredge Name: M/V Columbia  
 Contract #: W912HY-08-C-0007

USACE District: Galveston  
 Dredge Firm: B + B  
 Maintenance  / New Work

Load #s: 157 - 164 Areas worked (stations, etc): Stations 05<sup>-700</sup> to 17<sup>-900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed SE @ 15 - 25kts

WATER TEMP: Surface 62 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES  NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u><i>Tursiops truncatus</i></u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 1 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 165 - 172 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 ° C / ° F Wind Direction and Speed SE @ 15 - 25kts

WATER TEMP: Surface 65 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 2 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston
Dredge Name: M/V Columbia Dredge Firm: B + B
Contract #: W912HY-08-C-0007 Maintenance X / New Work

Load #: 173 - 181 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed SE @ 15 - 25kts

WATER TEMP: Surface 65 °C / °F Column (mid-depth) Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- Materials Dredged - Mud, Silt.
Biotics - wood, grass, bivalves, blue crab
Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 3 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 182 - 188 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 62.5 - 75.1 °C / °F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 4 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 189 - 196 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 ° C / ° F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 5 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 197 - 203 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 ° C / ° F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 6 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 204 - 211

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 ° C / ° F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE April / 7 / 2008

**Project Name:** Sabine Pass-Port Arthur, TX      **USACE District:** Galveston  
**Dredge Name:** M/V Columbia      **Dredge Firm:** B + B  
**Contract #:** W912HY-08-C-0007      **Maintenance** X / **New Work**     

**Load #s:** 212 - 220      **Areas worked (stations, etc):** Stations 05<sup>+700</sup> to 17<sup>+900</sup>

**Location, Lat/Long:**      N 29 ° 36 . 440 x W 093 ° 48 . 620

**Beaufort Sea State:** 0    1    2    3    4    5    6    7    8    9    10    11    12

**AIR TEMP** 71 - 82 °C / °F      **Wind Direction and Speed** SSE @ 15 - 25kts

**WATER TEMP:** Surface 67 °C / °F      Column (mid-depth) --- °C / °F      Bottom --- °C / °F

**Condition of deflector:** Good 100%      **Condition of screening:** Good 100%

**Were there incidents involving endangered or protected species?**    YES           NO X

**Which species? (complete incident form(s))** N/A

**Comments (type of material, biological specimens, unusual circumstances, etc):**

Materials Dredged - Mud, Silt.  
 Biotics – wood, grass, bivalves, blue crab, redfish, black drum  
 Abiotics – Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>/</u>	<u>    </u>

**Observers Names** Tu Tran / Kenneth Coonrad      **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 8 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 221 - 228 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 °C / °F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 9 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 229 - 234

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 °C / °F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 10 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 235 - 238

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 ° C / ° F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 67 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 11 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 239 - 245 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 °C / °F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 12 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston
Dredge Name: M/V Columbia Dredge Firm: B + B
Contract #: W912HY-08-C-0007 Maintenance X / New Work

Load #: 246 - 252 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 71 - 82 °C / °F Wind Direction and Speed SSE @ 15 - 25kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 13 / 2008

Project Name: Sabine Pass-Port Arthur, TX USACE District: Galveston
Dredge Name: M/V Columbia Dredge Firm: B + B
Contract #: W912HY-08-C-0007 Maintenance X / New Work

Load #: 253 - 259 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 54 - 72 °C / °F Wind Direction and Speed NNE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 14 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 260 - 268 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 54 - 72 °C / °F Wind Direction and Speed NNE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 15 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 269 - 277 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 54 - 75 °C / °F Wind Direction and Speed SE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 16 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

531  
3746

Load #s: 278 - 282 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 54 - 75 °C / °F Wind Direction and Speed SE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>Tursiops truncatus</i>	many / 7-10	Bowriding on passing ships, just cruising around in general
		/	
		/	
		/	
		/	
		/	

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 17 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 283 - 289 Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 61 - 75 ° C / ° F Wind Direction and Speed SE @ 25 - 30 kts

WATER TEMP: Surface 69 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 18 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 290 - 296 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 61 - 75 °C / °F Wind Direction and Speed ENE @ 10 -15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran / Kenneth Coonrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 10 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 297 - 304 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29 ° 36 . 440 x W 093 ° 48 . 620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 61 - 75 ° C / ° F Wind Direction and Speed ESE @ 10 - 15 kts

WATER TEMP: Surface 69 ° C / ° F Column (mid-depth) --- ° C / ° F Bottom --- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 20 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #s: 305 - 312

Areas worked (stations, etc): Stations 05<sup>+700</sup> to 17<sup>+900</sup>

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 61 - 75 °C / °F Wind Direction and Speed ESE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE April / 21 / 2008

Project Name: Sabine Pass-Port Arthur, TX

USACE District: Galveston

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912HY-08-C-0007

Maintenance X / New Work

Load #: 313 - 322 Areas worked (stations, etc): Stations 05+700 to 17+900

Location, Lat/Long: N 29° 36.440 x W 093° 48.620

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP 61 - 75 °C / °F Wind Direction and Speed SSE @ 10 - 15 kts

WATER TEMP: Surface 69 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, Tursiops truncatus, many / 7-10, Bowriding on passing ships, just cruising around in general.

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM**

**DAILY REPORT**

DATE April / 22 / 2008

**Project Name:** Sabine Pass-Port Arthur, TX      **USACE District:** Galveston  
**Dredge Name:** M/V Columbia      **Dredge Firm:** B + B  
**Contract #:** W912HY-08-C-0007      **Maintenance** X / **New Work**       

**Load #s:** 323 - 329      **Areas worked (stations, etc):** Stations 05<sup>+700</sup> to 17<sup>+900</sup>

**Location, Lat/Long:**      N 29 ° 36 . 440 x W 093 ° 48 . 620

**Beaufort Sea State:** 0    1    2    3    4    5    6    7    8    9    10    11    12

**AIR TEMP** 61 - 75 °C /        °F      **Wind Direction and Speed** SSE @ 10 - 15 kts .

**WATER TEMP:** Surface 69 °C /        °F      Column (mid-depth) --- °C / °F      Bottom --- °C / °F

**Condition of deflector:** Good 100%      **Condition of screening:** Good 100%

**Were there incidents involving endangered or protected species?**    YES             NO X

**Which species? (complete incident form(s))** N/A

**Comments (type of material, biological specimens, unusual circumstances, etc):**

Materials Dredged - Mud, Silt.

Biotics - wood, grass, bivalves, blue crab, redfish, black drum

Abiotics - Small amount of debris including cloth, plastics, netting, rope, fishing line, cable, rock, metals, glass.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

**BRIDGE WATCH SUMMARY**

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>Tursiops truncatus</u>	<u>many / 7-10</u>	<u>Bowriding on passing ships, just cruising around in general</u>
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____

**Observers Names** Tu Tran      **Observer Firm:** Coastwise Consulting, Inc.





