ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 01 / 03 Load Numbers 364-367

Area(s) Worked weather - sunny, clear & calm wind & sea

Weather Conditions (incl. sea conditions) stations 85+00 to 145+00

Range of Water Temp., Surface _____ Below Mid-Depth _____

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Endangered species observer boarded vessel at 0930 - for 50% coverage -

Material found in screen was plastic, rope and wood debris.

No endangered species encountered.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Mary K Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 02 / 03 Load Numbers 368-370

Area(s) Worked stations: 85+00 to 145+00 (upper channel)

Weather Conditions (incl. sea conditions) Wind SSE 5-10 kts; seas calm; clear sky

Range of Water Temp., Surface 68° F Below Mid-Depth 68° F

Condition and Effectiveness of Screening Good

- LOAD 369 MONITORED -

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Mechanical problems in early morning - headed to Midstream Theodore Dock until approx. 1130.

Material found in screens included rope & wood debris.

No endangered species encountered -

Screens opened during un monitored loads due to frequent clogging with wood debris.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	2	1500 - lower channel in route to disposal site

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 03 / 03 Load Numbers 371-374

Area(s) Worked STN: 85+00 to 145+00 @

Weather Conditions (incl. sea conditions) Wind SE/ESE @ 10-15kts; pt cloudy; Seas 1-3'

Range of Water Temp., Surface 68° F Below Mid-Depth 67-68° F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 372 & 373 monitored -

material found in screens was wood debris.

There were no encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty MK Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 04 / 03 Load Numbers 375-376

Area(s) Worked Station 240+00 to 300+00

Weather Conditions (incl. sea conditions) Wind SSE 10-15kts; cloudy to pt. cloudy; seas 2-4'

Range of Water Temp., Surface 66-67° F Below Mid-Depth 66° F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 375 & 376 monitored -

There were no encounters with endangered species -

No material contained in screens.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty M Hast

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04/05/03 Load Numbers 377-381

Area(s) Worked Stations: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Morning calm & foggy / all day calm / heavy night fog

Range of Water Temp., Surface 67-68°F Below Mid-Depth 67°F

Condition and Effectiveness of Screening Good -

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 378 & 380 monitored -

There were no encounters with Endangered Species.

No material contained in screens.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 04/01/03 - 04/05/03 Load Numbers 365-381

Range of Water Temp., Surface 67-68° F Below Mid-Depth 66-68°F

Areas Worked (lat/longs, stations) stN: 85+00 to 145+00 & stN: 240+00 to 300+00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Endangered species observer, Mary Hart, boarded vessel at 0930 on 4/1/03. Vessel monitoring to be 50% coverage.

Material found in screens was plastic, rope, and wood debris.

Screens were often clogged with wood and other debris at stN: 85+00 to 145+00, but screens were clean at stN: 240+00 to 300+00 -

There were no incidents involving endangered species.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04/02	Tursiops truncatus (2)	1500 - seen in lower channel while in route to disposal site -
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Observers on duty Mary E. Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 06 / 03 Load Numbers 382 - 84

Area(s) Worked STN: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Calm wind & seas, heavy fog (am) / clear; wind SE 15kts; seas 2-3' choppy (pm)

Range of Water Temp., Surface 67° F Below Mid-Depth 66-67° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 382 & 383 monitored -

Material found in screens consisted of plastic & wood debris.

There were no encounters with endangered species -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 07 / 03 Load Numbers 385-387

Area(s) Worked STN: 240 100 to 300 100

Weather Conditions (incl. sea conditions) Wind SSE @ 15-20kts, partly cloudy; off shore 3-4' calm inshore

Range of Water Temp., Surface 67-68°F Below Mid-Depth 67°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 386 & 387 monitored –

Nothing retained in screens –

No encounters with endangered species –

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 08 / 03 Load Numbers 388 - 392

Area(s) Worked STN: 240+00 to 300+00

Weather Conditions (incl. sea conditions) CLOUDY W/RAIN; VARIABLE WIND 10-20KTS; SEAS 2-3'

Range of Water Temp., Surface 67-68°F Below Mid-Depth 67°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 390 & 391 monitored.

Nothing retained in screens -

No encounters with the endangered species -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 09 / 03 Load Numbers 393-395

Area(s) Worked STN: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Pt. Cloudy; West wind @ 20 kts; seas 2-4'

Range of Water Temp., Surface 68°F Below Mid-Depth 67-67.5°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 293 & 294 monitored -

- Material found in screens was wood debris

- There were NO encounters with endangered species -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
X		

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 10 / 03 Load Numbers 396-399

Area(s) Worked Stns 240+00 to 300+00

Weather Conditions (incl. sea conditions) Pt cloudy; Wind WNW@20-25 kts; seas 2-4'; sunny (pm)

Range of Water Temp., Surface 68°F Below Mid-Depth 67°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 397 & 398 monitored.

- Material found in screens was wood debris.

- There were NO encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	1500 - Following dredge returning from disposal site

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 11 / 03 Load Numbers 400 - 403

Area(s) Worked Stn: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Calm Wind & Sea; clear Sky

Range of Water Temp., Surface 64-65°F Below Mid-Depth 64-65°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? **YES** (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 401 & 402 monitored.

Material found in screens was rope & wire debris.

There were no encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 12 / 03 Load Numbers 404 - 407

Area(s) Worked STN: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Wind variable WNW/WSW @ 5-10 kts; Seas 1-2'; clear sky

Range of Water Temp., Surface 65-66°F Below Mid-Depth 65°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 404 & 406 monitored.

There was no material retained in screens.

There were no encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
X		

Observer(s) on duty MDart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 04/06/03 - 04/12/03 Load Numbers 382 - 407

Range of Water Temp., Surface 64-68°F Below Mid-Depth 64-67.5°F

Areas Worked (lat/longs, stations) STN: 240+00 to 300+00 (Upper Channel)

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

There was 50% coverage by endangered species observers during this period. Screens in place during unmonitored loads.

Material found in screens was wood debris, plastic, rope, and wire.

There were no encounters with endangered species.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04/07	Tursiops truncatus (Bottlenose dolphin) -(2)	1210 (New #6 buoy) on return from disposal site
04/10	T. truncatus (1)	1500 - following dredge on return from disposal site
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Observers on duty Mary K Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 13 / 03 Load Numbers 408 - 410

Area(s) Worked SW: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Clear & calm Sea & sky

Range of Water Temp., Surface 65-66°F Below Mid-Depth 65-66°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 408 & 409 monitored -

- Material found in screens was wood debris and an aluminum can.

- There were no encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
X		

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 14 / 03 Load Numbers 411 - 412

Area(s) Worked stw: 240100 to 300100

Weather Conditions (incl. sea conditions) wind SSE @ 10-15kts; seas 1-2'; sunny, light haze

Range of Water Temp., Surface 64° F Below Mid-Depth 64°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredge went to Theodore Midstream Fuel Dock to take on fuel @ 0710. Left at 1500.

- Load 412 monitored -

- Material retained in screens was metal debris.

- There were no encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Colombia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 15 / 03 Load Numbers 413 - 416

Area(s) Worked Stn: 240+00 to 300+00

Weather Conditions (incl. sea conditions) Wind SE 5-10 kts; clear sky (early am); fog (late am); Sea calm

Range of Water Temp., Surface 64°F Below Mid-Depth 64°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 413 & 414 monitored.
- No material retained in screens
- No encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus - Bottlenose dolphin -	1	0925 - Observed at disposal site

Observer(s) on duty MHart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 16 / 03 Load Numbers 417 - 420

Area(s) Worked STN: 240+00 to 300+00

Weather Conditions (incl. sea conditions) wind SE 10-15kts; seas 1-3'; pt cloudy

Range of Water Temp., Surface 64-65°F Below Mid-Depth 64-65°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 419 & 420 monitored.

- Material found in screens was plastic & wood debris
- There was rope in the drag head.

- No encounters occurred with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty MHart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 17 / 03 Load Numbers 421 - 424

Area(s) Worked stations - 240+00 to 300+00 & 360+00 to 420+00

Weather Conditions (incl. sea conditions) winds SE 10-20 kts, seas 2-3'; cloudy to pt. cloudy w/sun

Range of Water Temp., Surface 64-68° F Below Mid-Depth 64-67°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 422 & 423 monitored.

Nothing retained in screens.

No encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	4	1515 / Near buoy #42 In transit to disposal site
T. truncatus		1720 / Near buoys # 11, 12 Returning from disposal site

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 18 / 03 Load Numbers 425 - 428

Area(s) Worked SFW: 360+00 to 420+00

Weather Conditions (incl. sea conditions) wind NE/NW/SW @ 5-10 kts; seas 1-2' · clear sky

Range of Water Temp., Surface 68°F Below Mid-Depth 67-68°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 426 & 427 monitored.

- Material retained in screens was an auto part (glovebox).

- There were no encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	6	1020 / near buoys # 17 & 18
T. truncatus	10-15	1035 / near buoys # 9 & 11

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 19 / 03 Load Numbers 429 - 432

Area(s) Worked stations 360+00 to 400+00

Weather Conditions (incl. sea conditions) wind variable SE/NE @ 5-15kts / seas 1-3'; pt cloudy

Range of Water Temp., Surface 68°F Below Mid-Depth 67-68°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 430 & 431 monitored.

Material found in screens was hand-held radio, fishing line, wire, rope, and wood debris.

There were no encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 04/13/03 - 04/19/03 Load Numbers 408 - 432

Range of Water Temp., Surface 64-68°F Below Mid-Depth 64-68°F

Areas Worked (lat/longs, stations) STN: 240+00 to 420+00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

There was 50% coverage by endangered species observer during this period, and screens were in place during unmonitored loads.

Material found in screens was metal and wood debris aluminum can, plastic, rope, auto generator, hand held radio, fishing line, and wire.

There were no encounters with endangered species.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04/15	Tursops truncatus - Bottlenose Dolphin (1)	0925 - Observed at disposal site
04/17	T. truncatus (1)	1515 - Near buoy #42
04/17	T. truncatus (4)	1720 - Near buoys #11 & 12
04/18	T. truncatus (6)	1020 - Near buoys #17 & 18
04/18	T. truncatus (10-15)	1035 - Near buoys #9 & 11.
/ /		
/ /		

Observers on duty Mary K Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 20 / 03 Load Numbers 433 - 436

Area(s) Worked stw. 360+00 to 420+00

Weather Conditions (incl. sea conditions) SSE wind @ 10-15kts, Seas 1-3', ~ cloudy

Range of Water Temp., Surface 69-70°F Below Mid-Depth 68-70°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- Loads 434, 435, 436 monitored.

- Material found in screens was clay, wood, rope, glove, clothing, plastic, and wire.

- There were no encounters with endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M Hart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 21 / 03 Load Numbers 437 - 440

Area(s) Worked Stn: 360+00 to 420+00

Weather Conditions (incl. sea conditions) SE/W wind 5-15kts; seas 1-3'; cloudy & rain; clear (pm)

Range of Water Temp., Surface 69-70°F Below Mid-Depth 69-70°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads #437 & 438 monitored.

Material found in screens was wire & rope.

There were no encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty MHart

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 22 / 03 Load Numbers 442 - 443

Area(s) Worked Stw: 360+00 to 420+00

Weather Conditions (incl. sea conditions) Clear, wind 5-10 KNTS, seas calm, P/C - clear

Range of Water Temp., Surface 72.0°F Below Mid-Depth 72.0°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Monitored loads #442+443

Screen clean; 1 piece of wood, some debris

NO encounters with endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 23 / 03 Load Numbers 445-447

Area(s) Worked STW: 360+00 to 420+00

Weather Conditions (incl. sea conditions) Clear, Winds 5-10 KNTS, seas < 1'

Range of Water Temp., Surface 73.0°F Below Mid-Depth 72.0°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 446 & 447 monitored

Screen clean

no encounters w/ endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty K. Kapitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 24 / 03 Load Numbers 448 – 451

Area(s) Worked STW. 360+00 to 420+00

Weather Conditions (incl. sea conditions) Cloudy, wind 15-20KNTS, seas 2-3'

Range of Water Temp., Surface 71°F Below Mid-Depth 70-71°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 449 + 450 monitored

Screen clean; some debris

no encounters w/ endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 25 / 03 Load Numbers 452 - 455

Area(s) Worked STW: 360+00 to 420+00

Weather Conditions (incl. sea conditions) Overcast - HAZY, winds 10-30 KNTS, seas 2-3'

Range of Water Temp., Surface 73.0°F Below Mid-Depth 73.0°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 453 + 454 monitored

Screens clear ; some wood / metal

no incidents w/ endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 26 / 03 Load Numbers 456 - 459

Area(s) Worked STW: 360+00 to 420+00

Weather Conditions (incl. sea conditions) Clear, winds 10-15 KNTS, seas calm

Range of Water Temp., Surface 75.0°F Below Mid-Depth 75.0°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 457 + 458 monitored

Screen clean, some debris (wood, metal)

no encounters w/ endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty K. Kajitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 04 / 27 / 03 Load Numbers 460 – 462

Area(s) Worked STW: 360+00 to 420+00

Weather Conditions (incl. sea conditions) Clear, wind 10-15 KNTS, seas calm

Range of Water Temp., Surface 72.0°F Below Mid-Depth 72.0°F

Condition and Effectiveness of Screening good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Loads 461 + 462 monitored

Screen clean

no encounters w/ endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Bottlenose Dolphin	5	1400 on way to dump site

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship channel

WEEKLY SUMMARY

Dates 04/22/03 - 04/28/03 Load Numbers 441 - 462

Range of Water Temp., Surface 71.0°F - 75.0°F Below Mid-Depth 71.0°F - 75.0°F

Areas Worked (lat/longs, stations) STW: 360+00 to 420+00

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

There was 50% coverage during this period.
Screen was in place during unmonitored loads
material in screen was wood & debris
There were no encounters w/ endangered species

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04/27	Tursiops truncatus (5)	
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Observers on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: ~~[redacted]~~ MOBILE HARBOR SHIP CHANNEL

DAILY REPORT

Date 05 / 13 / 03 Load Numbers 658 - 659

Area(s) Worked 480 - 525

Weather Conditions (incl. sea conditions) PARTLY CLOUDY - LIGHT RAIN, 1-2 SEAS, SW winds

Range of Water Temp., Surface 84 Below Mid-Depth 82

Condition and Effectiveness of Screening SCREENING FUNCTIONED WELL ON THE 1 OBSERVED LOAD # 658. SCREEN WAS ALSO IN PLACE DURING UNOBSERVED LOADS

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

WE ARE MAINTAINING A 50% COVERAGE ROUTINE. LOAD # 658 WAS OBSERVED. NO ENDANGERED SPECIES [redacted] PRESENT, NO BYCATCH PRESENT. DREDGE MATERIAL IS COMPOSED OF MUD. SCREEN IS WORKING WELL. THE DREDGE WAS SHUT DOWN FROM 1404 TO 2200 FOR REPAIRS IN THE HOPPER.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Joan Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 14 / 03 Load Numbers CGO-662

Area(s) Worked 480-525

Weather Conditions (incl. sea conditions) PT CLOUDY, S-10KT WIND, 75-89°F, 1-2' SEAS

Range of Water Temp., Surface 84-85 Below Mid-Depth 82

Condition and Effectiveness of Screening SCREENING FUNCTIONING WELL.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ 50% COVERAGE
→ LOADS CGO-662 MONITORED
→ NO PRESENCE OF ENDANGERED SPECIES OR BYCATCH
→ SMALL QUANTITY OF TRASH/DEBRIS RETAINED IN SCREENS
→ SCREENING FUNCTIONING WELL.
→ DREDGE MATERIAL IS COMPOSED OF MUD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	5	0830 BOWRIDING
T. truncatus	8	1330 BOWRIDING

Observer(s) on duty Jason Dampf

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 15 / 03 Load Numbers 663-666

Area(s) Worked 480 - 525

Weather Conditions (incl. sea conditions) RAIN → PARTLY CLOUDY, SEAS 1-2', SE WIND 5-15 KT

Range of Water Temp., Surface 83-84°F Below Mid-Depth 82-83°F

Condition and Effectiveness of Screening GOOD, ALL EQUIPMENT APPEARS TO BE FUNCTIONING WELL.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ ONLY MATERIAL FOUND ON SCREENS COMPOSED OF TRASH/DEBRIS

→ NO INTERACTIONS WITH ENDANGERED SPECIES

→ NO PRESENCE OF BYCATCH IN ANY LOADS.

→ CUTS # 666 + 667 NO MONITORED (50% COVERAGE)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	4	13:05 STBD SIDE
T. truncatus	9	13:40 " "

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 16 / 03 Load Numbers 667 - 669

Area(s) Worked 480 - 525

Weather Conditions (incl. sea conditions) PTLY CLDY, SEAS 1-2', 84-89°F, SE 5-15 KTS

Range of Water Temp., Surface 84 - 85°F Below Mid-Depth 82 - 83°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ ONLY MATERIAL FOUND IN BOXES OR ON SCREENS COMPOSED OF TRASH/ DEBRIS

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ NO BYCATCH PRESENT

→ LOAD # 669 NOT OBSERVED 50% COVERAGE

→ HEADED TO FUEL DOCK FROM 11:15 - 17:00 TO TAKE ON FUEL AND SUPPLIES

→ TOMORROW TO GULFPORT

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: GULFPORT SHIP CHANNEL

DAILY REPORT

Date 05 / 17 / 03 Load Numbers 673 - 677

Area(s) Worked 970 - 1020

Weather Conditions (incl. sea conditions) SW WIND 15-20 KTS, CLDY, 3-5' SEAS

Range of Water Temp., Surface 84° Below Mid-Depth 82

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ MATERIAL IN BOX

BIOTIC → STARFISH, CONCH, WELK, GRASS ETC

ABIOTIC → TRASH, WOOD, ROCKS, ROPE, LINEN

→ NO INTERACTIONS W/ ENDANGERED SPECIES OR BYCATCH

→ ALL GEAR WORKING WELL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	14:00 LOAD 673 STBD SIDE

Observer(s) on duty Jason Daugust

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MS GULFPORT SHIP CHANNEL

DAILY REPORT

Date 05 / 18 / 03 Load Numbers #682-688

Area(s) Worked 970-1020

Weather Conditions (incl. sea conditions) RAIN, S WIND 15-20 KTS, 3-6 SEAS, 83°F

Range of Water Temp., Surface 84 Below Mid-Depth 82

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ 100% COVERAGE

→ MATERIAL IN SCREEN
BIOTIC → STINGRAY, CONCH, WEED, GRASS, CRABS
ABIOTIC → ROPE, PLASTIC, CANS, TRASH, DEBRIS

→ NO INCIDENTS W/ ENDANGERED SPECIES

→ AT 11:40 AM RELOCATED TO MOBILE SHIP CHANNEL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Dungan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE RIVER / GULFPORT

WEEKLY SUMMARY

Dates 05 / 11 / 03 - 5 / 18 / 03 Load Numbers 644-677

Range of Water Temp., Surface 81-85°F Below Mid-Depth 81-82 °F

Areas Worked (lat/longs, stations) 835-735, 735-650, 480-525, 920-1020

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

→ 100% PERCENT COVERAGE FOR SUNDAY + MONDAY, AT GULFPORT, 50% COVERAGE (MOBILE RIVER) TUESDAY → FRIDAY, 100% COVERAGE SAT. + SUN. GULFPORT

→ MATERIAL IN SCREEN

BIOTIC → ATLANTIC SHARPNOSE, STINGRAY, CONCH, CLAMS POLYCHETES, GRASS, CRABS, SHRIMP

ABIOTIC → PLASTIC, WOOD, ROCK, LINEN, ROPE, WIRE

→ NO INCIDENTS WITH ENDANGERED SPECIES REPORTED.

→ FUEL TAKEN ON FRIDAY

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
5 / 12	STENELLA #2	SWIMMING
5 / 12	T. truncatus #11	
5 / 14	T. truncatus #13	BOW RIDING
5 / 15	T. truncatus #13	STBD SIDE
5 / 17	T. truncatus #2	STBD SIDE
/		
/		

Observers on duty James Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 19 / 03 Load Numbers 689-692

Area(s) Worked 480-525

Weather Conditions (incl. sea conditions) PTLY CLOT, S WIND 10KTS, 1-3' SEAS, 80-88°F

Range of Water Temp., Surface 84°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ 50% COVERAGE

→ MATERIAL IN SCREEN

BIOTIC → GRASS, WOOD

ABIOTIC → TRASH, PLASTIC, LEWEN

→ NO INCIDENTS W/ ENDANGERED SPECIES

→ DREDGE MATERIAL MUD

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	6	12:04 → PORT BOW

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE RIVER

DAILY REPORT

Date 05 / 20 / 03 Load Numbers 695-696

Area(s) Worked 480-525

Weather Conditions (incl. sea conditions) RAIN → PTLY CLDY

Range of Water Temp., Surface 83-84°F Below Mid-Depth 80-81°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ MATERIAL IN SCREEN

BIOTIC → GRASS

ABIOTIC → WOOD, ROCKS, TRASH, PLASTIC

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ ALL GEAR FUNCTIONING WELL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
L. truncatus	7	0710 → STBD SIDE

Observer(s) on duty Juan Quevedo

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE RIVER

DAILY REPORT

Date 05 / 21 / 03 Load Numbers 697-700

Area(s) Worked 480-525

Weather Conditions (Incl. sea conditions) CLOUDY → RAIN, N WIND 5-10 KTS, 1-3 SEAS

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ 697-699 (LOADS) OBSERVED → 50% COVERAGE

→ MATERIAL IN BOX

BIOTIC → GRASS, CONCH SHELL, WOOD

ABIOTIC → LINEN, PLASTIC

→ NO INTERACTIONS W/ ENDANGERED SPECIES OR PRESENCE OF BYCATCH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
L. kempii	8	07:40 → STBD BOW

Observer(s) on duty Jason Dungan

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 22 / 03 Load Numbers 701-704

Area(s) Worked 480-525, 700-760

Weather Conditions (incl. sea conditions)

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ CONTENTS OF BOX

BIOTIC → WOOD

ABIOTIC → LINEN, ROPE, TRASH

→ NO INTERACTIONS W/ ENDANGERED SPECIES OR BYCATCH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	8	08:10 → STBD BOW
T. truncatus	4	13:30 → BOWRIDEING

Observer(s) on duty [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 23 / 03 Load Numbers 705 - 709

Area(s) Worked 700 - 760

Weather Conditions (incl. sea conditions) CLEAR, N WIND 5-10KTS, 1-2' SEAS, 78-85°F

Range of Water Temp., Surface 83-87°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGE MATERIAL MUD

→ CONTENTS OF BOX
BIOTIC → WOOD BLOCK, SHELL
ABIOTIC → ROPE, LINEN, TRASH

→ NO INTERACTIONS w/ ENDANGERED SPECIES

→ GEAR FUNCTIONING WELL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
I truncatus	4	14:20 → STBD SIDE

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 24 / 03 Load Numbers 710 - 713

Area(s) Worked 700 760

Weather Conditions (incl. sea conditions) WIND 5-7KTS, SEAS, CLEAR, 75-88°F

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD

→ MATERIAL IN BOX

BIOTIC → WOOD, ROCK, GRASS

ABIOTIC → PLASTIC, LINEN, TRASH

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ ALL GEAR FUNCTIONING WELL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Swanson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

WEEKLY SUMMARY

Dates 05 / 19 / 03 - 05 / 25 / 03 Load Numbers 689-715

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Areas Worked (lat/longs, stations) 480-525, 700-760

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

→ 50% COVERAGE FOR ENTIRE PERIOD

→ MATERIAL IN BOX

BIOTIC → WOOD, GRASS, ROCKS, SHELL, CONCH

ABIOTIC → ROPE, TRASH, LINEN, PLASTIC, CHAIN

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ ALL SPECIES PROTECTION GEAR FUNCTIONING WELL.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05/19	T. truncatus #4	07:20 → PORT SIDE
05/19	T. truncatus #6	12:04 → PORT BOW
05/20	T. truncatus #7	07:10 → STBD SIDE
05/21	T. truncatus #8	07:40 → STBD BOW
05/22	T. truncatus #12	08:10 → 1313.0
05/23	T. truncatus #4	14:20 → STBD SIDE
/		

Observers on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 25 / 03 Load Numbers 715-718

Area(s) Worked 700-760

Weather Conditions (incl. sea conditions) CLEAR → PARTLY CLOUDY, 1' SEAS, W-SW WIND 0-10 KTS, 80's

Range of Water Temp., Surface 83°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD

→ MATERIAL IN BOX

BIOTIC → GRASS, WOOD, ROCK, SHELL

ABIOTIC → PLASTIC, ROPE

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ GEAR FUNCTIONING WELL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	11:10 → BOARDING → CHANNEL

Observer(s) on duty Jason Dameron

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 26 / 03 Load Numbers 719-723

Area(s) Worked 700-760

Weather Conditions (incl. sea conditions) CLOUDY → PTLY CLDY, SE → N WIND 5-10KTS, 1' SEAS, 80°F

Range of Water Temp., Surface 83°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD W/ A LITTLE SHELL

→ CONTENTS OF BOX

BIOTIC → WOOD, SHELL

ABIOTIC → ROCKS, PLASTIC

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ NO BYCATCH PRESENT

→ GEAR FUNCTIONING WELL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 27 / 03 Load Numbers 724 - 728

Area(s) Worked 700 - 760

Weather Conditions (incl. sea conditions) PTLY CLOY, W WIND 5-10KTS, 1-2' SEAS, 78-85°F

Range of Water Temp., Surface 83°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

* LOWER DIGGING BLADE ON DRAGHEAD REMOVED (SCREEN STILL IN PLACE)

→ 60% COVERAGE (LOADS 725-727 OBSERVED)

→ SCREENS IN PLACE FOR LOADS NOT OBSERVED

→ MATERIAL ON SCREENS

BIOTIC → WOOD, DEBRIS

ABIOTIC → ROCK, PLASTIC, CONCRETE

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ NO BYCATCH PRESENT

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	10:40 → STBD BOW → CHANNEL

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 28 / 03 Load Numbers 729-733

Area(s) Worked 760-760

Weather Conditions (incl. sea conditions) CLEAR, N WIND 2-8KTS, 1' SEAS, 75-85°F

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ LOADS 730-732 OBSERVED (50% COVERAGE)

→ SCREENS IN PLACE FOR UNOBSERVED LOADS

→ DEFLECTOR REMOVED BUT SCREEN STILL IN PLACE

→ CONTENTS OF BOX

BIOTIC → WOOD, GRASS

ABIOTIC → SHACKLE, CONCRETE, ROCKS

→ NO INTERACTIONS w/ ENDANGERED SPECIES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

FROM : Coastwise / NEAq (Bay) PHONE NO. : 9042774929

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 29 / 03 Load Numbers 734 - 735

Area(s) Worked 700-760

Weather Conditions (incl. sea conditions) PTLY CLDY, SE WIND 5-10 KTS, 1' SEAS, 80-88 °F

Range of Water Temp., Surface 83-84°F Below Mid-Depth 82 °F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD

→ DREDGE DOWN UNTIL 15:35 FOR MECHANICAL PROBLEM

→ MATERIAL ON SCREENS.
BIOTIC → WOOD
ABIOTIC → ROCK

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ LOAD # 736 NOT OBSERVED (50% COVERAGE) SCREEN IN PLACE FOR UNOBSERVED LOAD

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP

DAILY REPORT

Date 05 / 30 / 03 Load Numbers 736-738

Area(s) Worked 700-760 + 920-980

Weather Conditions (incl. sea conditions) PRT CLDY → CLEAR, E-SW WIND 5-10KTS, 1-2' SEAS 78-88°

Range of Water Temp., Surface 81-82°F Below Mid-Depth 83-84°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD

→ NEW CUT LOCATION STA. 920-980 @ 21:00

→ LOAD 736 NOT OBSERVED (50% COVERAGE)
AT SCREENS IN PLACE FOR UNOBSERVED LOAD

→ MATERIAL ON SCREENS
BIOTIC → SNAIL, WOOD, SHELL
ABIOTIC → ROCK

→ NO INTERACTIONS W/ ENDANGERED SPECIES

→ DREDGE AT FUEL DOCK 06:00 → 14:45

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. Incoatus	3	16:50 → PORT MID-SHIP → SHIP CHANNEL

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

DAILY REPORT

Date 05 / 31 / 03 Load Numbers 639 - 644

Area(s) Worked 920 - 980

Weather Conditions (incl. sea conditions) NW - SW WIND 5-15 KTS, 1-4 SEAS, PTLY CLDY, 75-85°F

Range of Water Temp., Surface 83-84°F Below Mid-Depth 81-82°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

→ DREDGED MATERIAL MUD

→ LOADS OBSERVED 740 - 742 (50% COVERAGE)

→ SCREENS IN PLACE FOR UNOBSERVED LOADS

→ MATERIAL ON SCREENS

BIOTIC → SHELL

ABIOTIC → ROCKS, ROPE

→ NO INTERACTIONS W/ ENDANGERED SPECIES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

WEEKLY SUMMARY

Dates 05 / 25 / 03 - 05 / 31 / 03 Load Numbers 715-744

Range of Water Temp., Surface 82-84°F Below Mid-Depth 80-82°F

Areas Worked (lat/longs, stations) 700-760 + 920-980

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

→ DREDGED MATERIAL MUD

→ 50% COVERAGE THROUGHOUT WEEK
& SCREENS IN PLACE FOR UNMONITORED LOADS

→ MATERIAL ON SCREENS
BIOTIC → SNAIL, CONCH, WOOD, GRASS
ABIOTIC → ROPE, ROCKS, CONCRETE, SHACKLE, PLASTIC, NET, CABLE

→ NO INTERACTIONS W/ ENDANGERED SPECIES

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05/25	T. truncatus	11:10 → BOW RIDEING → CHANNEL
05/27	T. truncatus	10:40 → STBD BOW → CHANNEL
05/30	T. truncatus	16:50 → PORT MID-SHIP → CHANNEL
/		
/		
/		
/		

Observers on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 6 / 1 / 03 Load Numbers 745 - 749

Area(s) Worked 920 - 980

Weather Conditions (incl. sea conditions) Winds 10 knots, seas 1-3

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Loads observed 745, 746 747, 748.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Jason Averport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 2 / 03 Load Numbers 750 - 755

Area(s) Worked Stations 970 - 980

Weather Conditions (incl. sea conditions) Winds 10 - 15 Knots, Seas 2 - 3

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today.

NO sea turtles were sighted today.

Samples today consisted of rock and trash.

Loads observed 752, 753, 754

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 3 / 03 Load Numbers 756 - 761

Area(s) Worked 920 - 980

Weather Conditions (incl. sea conditions) Winds 15 knots, seas 3'-5'

Range of Water Temp., Surface 84° F Below Mid-Depth 83° F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted.

Samples today consisted of trash.

Loads observed 757, 758, 759. 50% coverage.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 4 / 03 Load Numbers 762-766

Area(s) Worked Stations 920-980 - 3700 - 3000

Weather Conditions (incl. sea conditions) Winds 10-15 knots, seas 2-4'

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted.

Loads observed 762, 763, 764.

Samples today consisted of weed and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observer(s) on duty ERIC Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 5 / 03 Load Numbers 767-770

Area(s) Worked Stations 3+00 - 30+00

Weather Conditions (incl. sea conditions) Winds 10 knots, Seas 2-4'

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of rock, wood and trash.

Loads observed 767, 768, 769.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 6 / 03 Load Numbers 771-774

Area(s) Worked Stations 3+00 + 30+00

Weather Conditions (incl. sea conditions) Winds 15-20 knots, rain, seas 5-7'

Range of Water Temp., Surface 82°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of trash.

Loads observed 772, 773, 774.

The dredge went to anchor due to weather.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observer(s) on duty ERIC Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 7 / 03 Load Numbers 775-777

Area(s) Worked Stations 3 tee - 30 tee

Weather Conditions (incl. sea conditions) Winds 10-15 knots, Seas 3-5

Range of Water Temp., Surface 82°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO Sea turtles were killed or injured today. No sea Turtles were sighted today.

Samples today consisted of weed and cable

Loads observed 775, 776.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 8 / 03 Load Numbers 778-781

Area(s) Worked Stations 3+00 - 30+00

Weather Conditions (incl. sea conditions) Winds 10 knots seas 2-4

Range of Water Temp., Surface 82°F Below Mid-Depth 81°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of trash.

Material digging is mud.

Loads observed 779-780.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observer(s) on duty ERIC Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 6/1/03 - 6/8/03 Load Numbers 745 - 781

Range of Water Temp., Surface 82 - 84°F Below Mid-Depth 81 - 83°F

Areas Worked (lat/longs, stations) Stations 920 - 980, 3+00 - 30+00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

No sea turtles were killed or injured this week. No sea turtles were sighted.

The inflow screen remains in good working order.

Samples this week consisted of rock wood and trash.

Material digging is mud.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
/	No Sightings	
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Observers on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile ship channel

DAILY REPORT

Date 6 / 9 / 03 Load Numbers 782-786

Area(s) Worked Stations 3to6-3to6W

Weather Conditions (incl. sea conditions) Winds 10 knots, seas 2-4

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of trash.

Load observed 783-784.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 6 / 10 / 03 Load Numbers 787 - 789

Area(s) Worked Stations 3+00 - 30+00

Weather Conditions (incl. sea conditions) Winds 10 knots, Seas 2-4'

Range of Water Temp., Surface 85°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO Sea turtles were killed or injured today. NO sea turtles were sighted today.

Loads observed 788 - 789.

The dredge went in for fuel and water today.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observer(s) on duty ERIC Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 6 / 11 / 03 Load Numbers 790 - 794

Area(s) Worked Stations 3+00 - 30+00

Weather Conditions (incl. sea conditions) Winds 10-15 knots, seas 2-4

Range of Water Temp., Surface 83°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO Sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of weed.

Loads observed 791, 792, 793.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

DAILY REPORT

Date 6 / 12 / 03 Load Numbers 795 - 799

Area(s) Worked Stations 3+00 - 30+00

Weather Conditions (incl. sea conditions) Winds 10 knots; seas 2-3

Range of Water Temp., Surface 84°F Below Mid-Depth 87°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of trash.

Loads observed 796, 797, 798.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observer(s) on duty Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship channel

DAILY REPORT

Date 6 / 13 / 03 Load Numbers 800 - 803

Area(s) Worked Stations 3+00 - 30+00, upper river.

Weather Conditions (incl. sea conditions) Winds 10-15 knots, seas 2-4'

Range of Water Temp., Surface 83°F Below Mid-Depth 87°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No Sea turtles were killed or injured today. No Sea turtles were sighted today.

Loads observed 801, 802 803.

Samples today consisted of trash.

material digging is mud and sand.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observer(s) on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship channel

Date: 6/14/03 Load Numbers 804 - 806

Location (Lat-Long / Stations) 9+30 - 2+37

Weather (include sea state) Winds 10-15 knots, seas 2-4

Range of Water Temp: Surface 80°F Below Mid Depth 79°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Loads observed 809 805.

Samples today consisted of wood and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty ERIC Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Sh. Pt. channel

Date: 6/15/07 Load Numbers 807 - 809

Location (Lat-Long / Stations) 9+30 - 2+37

Weather (include sea state) Winds 10-15 Knots Seas 2-4'

Range of Water Temp: Surface 82°F Below Mid Depth 81°F

Condition and Effectiveness of Screening: Inflow door needs some welding repairs. The pin lock area broke.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of weed.

Load observed 807.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observers on duty ERIC Westerman

Endangered Species Observer Program

WEEKLY SUMMARY

Dredge: Columbia

Project: Mobile ship channel

Date: 6/9/03 to 6/15/03 Load Numbers 782 - 809

Range of Water Temp. Surface 80-85°F Below Mid Depth 79-84°F

Areas Worked (Lat-Long / Stations) 3+00-30+00, 9+30-2+37

Are there incidents involving endangered or protected species? **Yes** (No)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, etc.)

NO sea turtles were killed or injured this week. NO sea turtles were sighted this week.

Samples this week consisted of wood and trash.

The project is 50% coverage with 100% inflow screened.

material digging is mud and sand.

Bridge Watch Summary

Date	Various Species and # of Animals	Comments
/	NO sightings	
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Observers on Duty ERIC westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: mobile ship channel

Date: 6/16/03 Load Numbers 810 - 812

Location (Lat-Long / Stations) 9+00 - 2+37 120+01 - 1140+00

Weather (include sea state) Winds 10 knots Seas 2'-3'

Range of Water Temp: Surface 81°F Below Mid Depth 80°F

Condition and Effectiveness of Screening: Good, inflow door latch repaired today.

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of wood.

Load observed 812.

Note since 6-2-03 to 6-16-03 66 loads dug, 91 observed. Loads observed above 50% coverage.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/17/03 Load Numbers 813 - 819

Location (Lat-Long / Stations) 1140 - 1200

Weather (include sea state) Winds 10-15 knots, seas 2-3

Range of Water Temp: Surface 84°F Below Mid Depth 83°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of weed and trash.

Loads observed 815, 816, 817.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty ERIC Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile ship channel

Date: 6/14/03 Load Numbers 820-826

Location (Lat-Long / Stations) 1140+00-1200+00

Weather (include sea state) Winds 10 knots, seas 1-3'

Range of Water Temp: Surface 83°F Below Mid Depth 82°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of wood and shell.

Loads observed 821, 822, 823, 824.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile ship channel

Date: 6/19/03 Load Numbers 827 - 832

Location (Lat-Long / Stations) 1140 - 1200

Weather (include sea state) Winds 10 knots, seas 1-3'

Range of Water Temp: Surface 83°F Below Mid Depth 82°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

No sea turtles were killed or injured today. No sea turtles were sighted.

Samples today consisted of rock.

Loads observed 828, 829, 830, 831.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sighting		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/20/03 Load Numbers 833-839

Location (Lat-Long / Stations) 1140-1200

Weather (include sea state) Winds 10 knots, seas 2-3'

Range of Water Temp: Surface 82°F Below Mid Depth 81°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? **Yes** **No**

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

No sea turtles were killed or injured today. No sea turtles were sighted.

Samples today consisted of trash and nets.

Loads observed 835, 836, 837, 838.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observers on duty ERIC Westermen

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/21/03 Load Numbers 840 - 846

Location (Lat-Long / Stations) 1140 1200

Weather (include sea state) Winds 10 knots, seas 2' 3'

Range of Water Temp: Surface 83°F Below Mid Depth 82°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of wood, rock, shell and trash.

Loads observed 841, 842, 843, 844.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile ship channel

Date: 6/22/03 Load Numbers 847-849

Location (Lat-Long / Stations) 1140-1200

Weather (include sea state) Winds 10 knots, seas 2-3'

Range of Water Temp: Surface 82°F Below Mid Depth 81°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of rock, shell and trash.

Loads observed 848-849.

The dredge went in for fuel and water.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty ERIC Westerman

Endangered Species Observer Program

WEEKLY SUMMARY

Dredge: Columbia

Project: Mobile ship channel

Date: 6/16/03 to 6/22/03 Load Numbers 810-849

Range of Water Temp. Surface 81-84½ Below Mid Depth 80-83½

Areas Worked (Lat-Long / Stations) 1140-1200

Are there incidents involving endangered or protected species? **Yes** **No**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, etc.)

No sea turtles were killed or injured this week. NO sea turtles were sighted.

Samples this week consisted of wood, rock, nets and trash.

The inflow cage was repaired this week. New latch for the pin door was welded on. The inflow screen remains in good working order.

Project is 50% coverage.

Bridge Watch Summary

Date	Various Species and # of Animals	Comments
/		NO sightings
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Observers on Duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/23/13 Load Numbers 850 - 852

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) Winds 10 knots, seas 1-3'

Range of Water Temp: Surface 85°F Below Mid Depth 84°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of trash.

Loads observed 850-851.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observers on duty ERIC Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/24/03 Load Numbers 853 - 855

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) Winds 10 knots, seas 2-3

Range of Water Temp: Surface 83°F Below Mid Depth 82°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

No sea turtles were killed or injured today. No sea turtles were sighted.

Samples today consisted of trash.

Loads observed 853, 854, 855.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No Sightings		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/25/03 Load Numbers NA

Location (Lat-Long / Stations) NA

Weather (include sea state) NA

Range of Water Temp: Surface NA Below Mid Depth NA

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

The dredge was at the dock all day for repairs. NO loads were completed today.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NA		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/26/03 Load Numbers 856-860

Location (Lat-Long / Stations) 3+00-30+00

Weather (include sea state) Winds 10 knots, Seas 2-3

Range of Water Temp: Surface 84°F Below Mid Depth 83°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Samples today consisted of rock and trash.

Loads observed 857, 858 859.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO Sightings		

Observers on duty ERIC Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/27/03 Load Numbers 861 - 865

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) Winds 10 knots, seas 1-3'

Range of Water Temp: Surface 81°F Below Mid Depth 79°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of wood, trash and nits.

Loads observed 862, 863, 864.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty ERIC Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/28/03 Load Numbers 866-870

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) Winds 10-15 knots, seas 2-3'

Range of Water Temp: Surface 79°F Below Mid Depth 78°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

No sea turtles were killed or injured today.
No sea turtles were sighted.

Samples today consisted of wood and rope.

Loads observed 866, 867, 868.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings		

Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: Columbia

Project: Mobile Ship Channel

Date: 6/29/03 Load Numbers 871 - 874

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) Winds 10-15 knots, seas 2-3'

Range of Water Temp: Surface 78°F Below Mid Depth 77°F

Condition and Effectiveness of Screening: Good

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

NO sea turtles were killed or injured today. NO sea turtles were sighted.

Samples today consisted of wood and trash.

Loads observed 871 - 872.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO sightings		

Observers on duty ERIC Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 6/23/03 - 6/29/03 Load Numbers 850 - 874

Range of Water Temp., Surface 78 - 85°F Below Mid-Depth 77 - 84°F

Areas Worked (lat/longs, stations) 3+00 - 30+00

Are there incidents involving endangered or protected species? **YES** **(NO)**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

No sea turtles were killed or injured this week. No sea turtles were sighted.

Samples this week consisted of nets, wood, rock and trash.

The inflow cage remains in good working order.

Material dagging is mud.

The project is 50% coverage. Note since 6-2-03 to 6-29-03 124 Rays, 73 observed, keeping above 50% coverage.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
/		No sightings
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Observers on duty Eric Westerman

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

Date: 6/30/03 Load Numbers 0

Location (Lat-Long / Stations) _____

Weather (include sea state) STORMY: TROPICAL STORM 'BILL'

Range of Water Temp: Surface [redacted] Below Mid Depth _____

Condition and Effectiveness of Screening: _____

Are there incidents involving endangered or protected species? **Yes** **No**

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

DREDGE AT ANCHOR IN BAY DUE TO WEATHER (TROPICAL STORM 'BILL') - NO LOADS DUG

OBSERVER NOT ONBOARD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on ~~duty~~ STANDBY: JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: MOBILE SHIP CHANNEL

Date: 07/01/03 Load Numbers 877

Location (Lat-Long / Stations) 3+00 - 30+00

Weather (include sea state) PARTLY CLOUDY, WSW WIND 15-20, SEA 2-3'

Range of Water Temp: Surface 81°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

DREDGE AT ANCHOR MOST OF DAY AWAITING WEATHER CLEARANCE.
OBSERVER ONBOARD EARLY AFTERNOON.
RESUMED DIGGING AT 1947.

NO TURTLES SIGHTED, INJURED OR KILLED.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		NO SIGHTINGS REPORTED

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 7/02/03 Load Numbers 878-882

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) PARTLY CLOUDY, S/SW WIND 5-15, SEA 1-2'

Range of Water Temp: Surface 81°F Below Mid Depth _____

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

OBSERVED LOADS 879-881.

DIGGING MUD WITH NO DEBRIS. SAMPLES INCLUDE 1 PIECE OF WOOD AND SARGASSUM WEED.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	(bottlenose dolphin) 0730 - mid bay - associated w/ shrimp boats
"	2	0745 - mid bay - associated w/ shrimp boats.
"	6-8	1330 - 300' NE of Sand Is. Lighthouse

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/03/03 Load Numbers 882-887

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) MOSTLY CLOUDY W RAIN, WSW WIND/VARIABLE 5-10, SEA 2'

Range of Water Temp: Surface 81-82°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? **Yes** **(No)**

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 883-886. MUD WITH NO DEBRIS.

NO SEA TURTLES OBSERVED, INJURED OR KILLED.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	1330 - leaving channel (bottlenose dolphin)

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/04/03 Load Numbers 887-892

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) MOSTLY CLOUDY W/ RAIN, SW WIND 10-20 kt, SEA 2-4'

Range of Water Temp: Surface 80-81°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 888-891.

SAMPLES INCLUDE 1 PIECE OF WOOD - REMOVED FROM DISCHARGE BOX.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	1	(bottlenose dolphin) 0900 in channel - outbound
"	2	1030 at disposal site

Observers on duty JENNIFER GAFFKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/05/03 Load Numbers 892-896

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) CLOUDY W/ RAIN, SE WIND 5-15, SEA 2-3'

Range of Water Temp: Surface 81°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 893-896.

SAMPLES INCLUDE 2 PIECES ARTIFICIAL DEBRIS (RUBBER + PLASTIC) AND 1 PIECE WOOD.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	(bottlenose dolphin) 0745 at dig site dolphins sighted several times throughout day by Sand Is. lighthouse - bow waves of passing vessels.

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/06/03 Load Numbers 897-901

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) CLEAR, NE 5-10, SEA CALM

Range of Water Temp: Surface 82-83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 898-901. SAMPLE INCLUDES 1 PIECE OF WOOD.

NO INCIDENT WITH SEA TURTLES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2-4	1530 by buoy #3 (green)

Observers on duty JENNIFER GATZKE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 6/30/03 - 7/06/03 Load Numbers 877-901

Range of Water Temp., Surface 80-83°F Below Mid-Depth

Areas Worked (lat/longs, stations) -3 +00 → 30 +00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DREDGE AT ANCHOR 6/30 DUE TO WEATHER (TROPICAL STORM BILL) NO LOADS DUG. RESUMED DIGGING WITH LOAD # 877 ON 7/01 AT 1947.

DIGGING MUD WITH LITTLE TO NO DEBRIS. SAMPLES INCLUDE WOOD AND SEVERAL PIECES OF ARTIFICIAL DEBRIS (PLASTIC/RUBBER). DISCHARGE BOXES REMAIN IN GOOD WORKING ORDER.

PROJECT IS 50% COVERAGE. INSPECTED 19 OF THE 25 LOADS DUG.

NO INCIDENTS WITH SEA TURTLES: NONE SIGHTED AND NONE INJURED OR KILLED.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
07/02	Tursiops truncatus (bottlenose dolphin)	9-11 sighted mid bay → Sand Is. Lighthouse - assoc. w/ shrimp boats.
/		
/		
07/03	T. t.	1 sighted at Bay entrance.
07/04	T. t.	3 sighted at disposal site
07/05	T. t.	2 sighted by Sand Is. lighthouse
07/06	T. t.	2-4 sighted by buoy #3

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/07/03 Load Numbers 902-906

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) PARTLY CLOUDY, E WIND 10-15 kt, SEA 2-3'

Range of Water Temp: Surface 82°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

DIGGING MUD WITH NO DEBRIS IN DISCHARGE BOX.
INSPECTED LOADS 903-906.
NO INCIDENTS WITH SEA TURTLES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2-3	(bottlenose dolphin) 1000 - at dump site, associated w/shrimp boats
"	3	1630 - at mid Bay lighthouse

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/08/03 Load Numbers 907-908

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) PARTLY CLOUDY, CALM.

Range of Water Temp: Surface — Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

AFTER LOAD #908 DREDGE HEADED TO DOCK FOR FUEL.
DREDGE REMAINED AT DOCK FOR REST OF DAY.

INSPECTED LOAD 908 - NO SAMPLES.
NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/09/03 Load Numbers 0

Location (Lat-Long / Stations) –

Weather (include sea state) –

Range of Water Temp: Surface – Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

DREDGE REMAINED AT DOCK FOR REPAIRS MOST OF THE DAY.
LEFT DOCK IN EVENING TO RESUME DREDGING.
NO LOADS DUG FOR DAY.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/10/03 Load Numbers 909-913

Location (Lat-Long / Stations) -3+00 → 30+00

Weather (include sea state) PARTLY CLOUDY, SW WIND 10-15, SEA 0-2'

Range of Water Temp: Surface 84° F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS # 910-912

SAMPLES INCLUDED AN OLD CRABTRAP, BATTERY AND SARGASSUM WEED.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	(bottlenose dolphin) - southern ½ of bay.
"	1	middle bay - associated w/ shrimp boat.

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/11/03 Load Numbers 914-916

Location (Lat-Long / Stations) $-3^{+00} \rightarrow 30^{+00}$ & $980^{+00} \rightarrow 1040^{+00}$

Weather (include sea state) PARTLY CLOUDY, SW WIND 5, SEA 1'

Range of Water Temp: Surface 84° F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

SPENT MOST OF MORNING IN DIG AREA DOING REPAIRS.
LOAD # 915 WAS DUG IN AREA $-3^{+00} \rightarrow 30^{+00}$
LOAD # 916 WAS DUG IN AREA $980^{+00} \rightarrow 1040^{+00}$
BOTH LOADS WERE INSPECTED AND HAD NO BIOLOGICAL SAMPLES.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	3	(bottlenose dolphin) in dig area
"	1	by Sand Is. Lighthouse.

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/12/03 Load Numbers 917-922

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) PARTLY CLOUDY, VARIABLE 5-10, SEA 0-1'

Range of Water Temp: Surface 84°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD - MINOR REPAIR MADE TO DISCHARGE BOX GATE PIN

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

DIGGING MUD. SAMPLES INCLUDE ROPE, ROCKS AND CABLE.

NO INCIDENTS WITH SEA TURTLES.

INSPECTED LOADS #919-921.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	(bottlenose dolphin) in bow wave of passing ship.

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/13/03 Load Numbers 923-928

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) PARTLY CLOUDY, SSE 15-20, SEA 2-4'

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 924-927. (4 of 6 loads for day).

NO INCIDENTS WITH SEA TURTLES

SAMPLES INCLUDE ONE SMALL PIECE OF DETERIORATED CRAB TRAP WITH SMALL PIECE OF WOOD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO SIGHTINGS		

Observers on duty JENNIFER GATZKE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 07/07/03 - 07/13/03 Load Numbers 902-928

Range of Water Temp., Surface 82-84°F Below Mid-Depth

Areas Worked (lat/longs, stations) $-3^{+00} \rightarrow 30^{+00}$, $980^{+00} \rightarrow 1040^{+00}$

Are there incidents involving endangered or protected species? **YES** **NO** (NO circled)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

INSPECTED 17 OF 27 LOADS FOR WEEK (GREATER THAN 50% COVERAGE).

DREDGE WENT TO DOCK THE MORNING OF 07/08 FOR FUEL AND, FOLLOWING REPAIRS, RESUMED DIGGING LATE EVENING ON 07/09 WITH LOAD # 909.

SAMPLES INCLUDE SEVERAL PIECES OF TRASH AND WOOD. BIOLOGICAL SAMPLES INCLUDE SARGASSUM WEED AND ONE SMALL FISH ON THE CATWALK.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
07/08	Tursiops truncatus, 5-6	(Bottlenose dolphin)
07/10	" , 3	
07/11	" , 4	
07/12	, 2	
/		
/		
/		

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/14/03 Load Numbers 929-934

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) CLOUDY w/ Thunderstorms, ESE 15-20, SEA 2-5'

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 930-932. NO SAMPLES.

NO INCIDENTS WITH SEA TURTLES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	3	mid bay

Observers on duty Jennifer Gatzke

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/15/03 Load Numbers 935-939

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) CLOUDY → P. CLOUDY, ESE 5-10, SEA 0-2

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 936-938 (3 of 5 dug)

NO SAMPLES

NO INCIDENTS WITH SEA TURTLES

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	0715 mid Bay
"	1	1105 buoy 26 - associated w/ shrimp boat
"	2	by Ft. Morgan - associated w/ shrimp boat

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/16/03 Load Numbers 940-945

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) PARTLY CLOUDY, ESE WIND 5-10, CALM

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 942-944 (3 of 6 LOADS - 50%)

NO SAMPLES.

NO INCIDENTS WITH SEA TURTLES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	3	0700 mid Bay
"	3-5	0750 buoy 32

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07/17/03 Load Numbers 946-950

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) PARTLY CLOUDY, VARIABLE WIND 5-10, CALM

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 947-949 (3 OF 5)

SAMPLES INCLUDE ROPE.

NO SEA TURTLES ENCOUNTERED

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	5-6	seen throughout the day at disposal area, along with surface active schools of fish; spyhopping behavior

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07 / 18 / 03 Load Numbers 951 - 956

Location (Lat-Long / Stations) 980+00 → 1040+00

Weather (include sea state) MOSTLY CLEAR, SSW → VARIABLE 5, SEA CALM

Range of Water Temp: Surface 83°F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 953-956. SAMPLES INCLUDE PLASTIC AND WOOD.

NO INCIDENTS WITH SEA TURTLES.

COE INSPECTOR BROUGHT COPY OF JOB SPECS ONBOARD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	at dump
	2-4	mid Bay

Observers on duty JENNIFER GATZKE

Endangered Species Observation Program

DAILY REPORT

Dredge: COLUMBIA

Project: Mobile Ship Channel

Date: 07 / 19 / 03 Load Numbers 957 - 963

Location (Lat-Long / Stations) $980^{+00} \rightarrow 1040^{+00}$

Weather (include sea state) PARTLY CLOUDY, WNW WIND 10-15, SEA 1-2'

Range of Water Temp: Surface 84° F Below Mid Depth

Condition and Effectiveness of Screening: GOOD

Are there incidents involving endangered or protected species? Yes (No)

Comments (details of turtle takes or whale sightings, dredged material, biological observations, etc.)

INSPECTED LOADS 958 - 961 (4 of 7 loads).

NO BIOLOGICAL SAMPLES.

NO INCIDENTS WITH SEA TURTLES.

LAST DAY OF JOB - ENDED WITH LOAD #963.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	8-10	mid Bay - crossing channel to West.

Observers on duty JENNIFER GATZKE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: Mobile Ship Channel

WEEKLY SUMMARY

Dates 07 / 14 / 03 - 07 / 19 / 03 Load Numbers 929 - 963

Range of Water Temp., Surface 83°F - 84°F Below Mid-Depth _____

Areas Worked (lat/longs, stations) 980+00 → 1040+00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

INSPECTED 20 OF 36 LOADS. (GREATER THAN 50% COVERAGE).
NO BIOLOGICAL SAMPLES.

NO INCIDENTS WITH SEA TURTLES.

07/19 WAS LAST DAY OF JOB - LAST LOAD WAS 963.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
07 / 14	Tursiops truncatus (bottlenose dolphin) - 3	1 sighting
07 / 15	" - 5	3 sightings
07 / 16	" - 6-8	
07 / 17	" - 5-6	schools of fish; spyhopping
07 / 18	" - 4-6	
07 / 19	" - 8-10	
/		

Observers on duty JENNIFER GATZKE