

Noise in seismic is from jet wash over sled

6/30/04 045CC Boomer/CHIRP/Bathy

Running West-East ~~the~~ transect along channel, mid-Terrebonne Bay. Chirp recording to 50 ms, boomer recording. 1/4" 100 ms. Bathy.

1702 zulu 045CC01 bathy: 001-1702.RAW

045CC-001, 045CC-601

Following planned line file terrebonne E-W transect
Skies clear, wind 8 kts E. seas 1' chop.

Chirp record not looking too good, taking chop on side.

1709 turning onto W-E line.

~~CHIRP~~ CHIRP dead. Circling. Power supply became unplugged.

1733 Sol 045CC-02 ~~to~~ starting again. W-E transect; ~~start~~

Starting at Houma Nav. channel marker buoy "T03"

1739 Dana finally turned on plotter. nav 001-1739.RAW

1756 adjust voltage on boomer. STN looks like crap.

1918 eol, turning southward ESE

1919 sol 045CC03 bathy 001-¹⁹²¹1919.RAW

1942 boomer sled tangled w/ sea anchor, eol.

Seismic is terrible - not recording anymore.

2009 Sol CHIRP (no seismic) 04504 bathy 001-2009.RAW

moved CHIRP to mid-ship to see if engines were adding to noise in record. maybe a little improvement but not much.

Chirp record improved.

2022 ~~sol~~ started recording ~~sets~~ boomer again 04504.

2039 turning NE to '03 core 39

2042 deep horizon (12 ms) showed up after turn.

2116 trouble w/ chirp. End both lines

2119 sol Chirp, Sooner 0450005. bathy 002-2119. RAU

2150 at '03 core site 34 eol

eol.

7/1/04 Seismic Survey Timbalier Bay.

Investigating Racoon Pass Inlet, overwash deposits, offshore.
Boomer, Chirp, bathy. Crew M. Kulp (UNO), D. Wiese, Dave B, Jim F.
Stie) p. clear, seas calm, high tide 1045 local.

Running on backside of E. Tamb. Is. across backside of Racoon
pass parallel to shore. in about 5' water.

A bit of electrical noise on boomer. Chirp moderate to poor.

1556z Line 045CC06 (500, 006),

bathy file name: 03terr bay cores N. Raw (took line file name)

CHIRP - FEATURE NOTED AT COORDINATES E=76378.31 N=3223329

Also: E=763787.09 N=3224205.48

1639 at Havokie Channel marker. Turning SW, starting new line

1640 sul 045CC07 bathy 000-1641.RAW.

1708 end at start of previous line.

On seaward side of Racoon Pass. Running onshore-offshore
transect, and shore parallel transect.

1827 sul 045CC08 bathy 000-1827.RAW

1830 turning around, heading into inlet to begin offshore
transect. CHIRP died. - restart

045CC08A sul 1850, heading back into inlet to turn around and
begin offshore transect (printer was turned off, so depth seismic would
not work)

1902 turned around, head offshore

1908 dropped phones back on seismic, seemed to help.

noise in CHIRP appears to be due to sea state

1910 turning shoreward w/ sea.

1921 turning around heading inshore w/ sea

Rich No
FL 2288 9:05

755745 3224689
748745 3225203
745516 3228473

1937 turning offshore
1850 offshore eol.

In Terrebonne Bay behind Casse Tete Island. Connecting
'03 core sites 41 + 46. heading NW

2047 Sol 04SCC09 at core site 03SCC41 heading NW
Sathy UWA 2047. RAW.

2105 possible channel.

2110 another possible channel.

2144 at core site 03-46 turning NW to tie into W-6 line
acquired yesterday (04SCC01) Sol 04SCC10

2226 at line 1 eol eol.

7/2/04 Seismic Survey, Cat. Is. Pass.

Running transects at end of Timbalier Is. ~~at~~ at Cat Is Pass. Crew Mike M. (unob), Dave B., Dana W., Jim F.

Skies clear, seas calm (1' swell)

1614 zulu sol ~~045CC10~~ 045CC11 EW, south of Is.

1639 CHIRP profile died. eol.

1641 sol 045CC12. Boomer and CHIRP, continuing same line.

~1700 turned north along new channel.

1701 turning onto W-E line (HYDRAC Line 3) bathy 003-1703. RAW.

1728 at shallow end of line

1729 sol 045CC13 1721 sol bathy 001-1731. RAW

heading south near shore

1819 turning west toward next N-S line. bathy 002-1822. RAW

1823 starting new line, heading south (045CC14)

1846 eol, south of Is. eos

Little Timbalier Pass offshore, W-E shore parallel line

~~sol~~ 1942 sol 045CC15 bathy 001-1942. RAW

2003 CHIRP data is absolute crap. Restarting CHIRP line on different frequency. The CHIRP data has not changed in character at all today, possibly mechanical problem

2012 sol 045CC15A Chirp

2014 sol 045CC15A Boomer

2038 near pass, turning west. Following "shoreline" ~ 7' w.d.

2116 at Timb. Is. eol.

→ over →

Mike cell 504-615-6292

Running through Timbalier Pass, seaward to shoreward
2135 Sol 045CC16 ~~2139~~ heading into pass.
2202 eol inside pass at 2001 core # 62

Note: Bathy on seis wire profile is not
accurate. This problem (wrong driver)
was corrected by 1721 7/3/04 →

176

10

1750

'100 662 6214 #1
874 090 2133
176

2100 15 3224964.40 753950.11
211452 3225097 752254

7/3/04 Seismic Survey, Wine Is. Pass

Running grid at Wine Is. from Ise Deniers to
Cat Is. Pass over previous wine Is.

Skies clear, seas 1' chop, 1' swell sw. wind ~ 12kts.

Crew Mike M., Dana W., Dave B., Jim F.

Beginning W-E transect ~~1457~~¹⁴⁵⁷ local time

1447 Zulu Sol 045CC17 no nav. on chirp until 1458
bathy 010-1457.RAW.

1532 turning onto next E-W line.

1533 Sol 045CC18 E-W transect. keeping bathy the same.

1538 Start of new bathy file 011-1538.RAW

1630 At Ise Deniers island in wine Is. pass channel, turning
north.

1645 North of Wine Is. Pass, turning around to head down Pass,
Sol 045CC19 bathy file 001-1645.RAW

1721 turning onto S-N transect line 045CC20
bathy 002-1720.RAW

1747 fur. ahead of planned line, turning east. Still recording

1755 eol

1755 Sol 045CC21, turning southward bathy 004-1756.RAW

1822 at seaward (southern) end, turning east

1824 Sol 045CC22 turning northward bathy 006-1824.RAW

1836 Turning onto S-N line

1904 finish S-N line, turning east to line nearest
marker buoys.

1909 turning onto last N-S line Sol 045CC-23 bathy 008-1911.RAW

1931 eol.

→ over →

Whiskey Pass. Conducting a zig-zag through the pass
to tie in Mark's core picks to 2003 survey.

2022 sol 045CC24, bathy 001-2002.RAW.

2046 turning into inlet

2127 eol

045CC25

2128 sol A Turning towards mid-Pelto. (NE)

2133 paper ran out - CHIRP not recording? eol

2141 sol Chirp 045CC25A (Boomer still on line 25)

2220 eol eol at marker buoy R "4"

7/4/04 Seismic Survey, Lake Pelto.

Running transect NE-SW, across mid. Lake Pelto,
to connect with end of line from yesterday. Skies clear,
seas calm, wind calm. Hot. Crew ~~at~~ Dave B., Dana W.,
Mike M., Jim F.

¹⁷²⁶
~~3126~~ zulu (1230 local) 045CC26 boomer, chirp. at Pipeline
crossing, Hanna Nav. Channel. bathy 001A1731.RAW

1746 turning onto line

1812 adjusting hydrophones

high frequency noise in record is possibly dc current
from engine room blowers affecting ground.

1914 starting new line 045CC27

2025 at end of yesterday's line, eol.

☛ In front of Ike deniers island west of Whiskey Pass. Running
east to west ~~into~~ offshore parallel.

2105 sal 045CC28 chirp, boomer. Hypack bathy 001-2105.RAW

2140 Shallowing - heading offshore

2140-2145 Stern swinging a lot. Not sand waves.

2200 eol near west ~~of~~ end of island.

North Bay survey

lg. channel line 29 152740

Wilkinson's canal line 30 160935 795408 3261933

lg. channel line 30 162752 794972 3260207

possible x-beds line 30 165020 796266 3259158

recon core / reflectors in CHIR (bat?) line 32 205959 ⁷⁹⁵⁴²⁵ 3256664

Bay Baptiste line 33 - shallow, low angle reflectors,
220441 805185 3260392

Bay Baptiste line 37 outside above 220646 222227

~~805142 3260787~~ down dipping reflector

804743 3258707

7/6/04 Seismic Survey - Barataria Bay

Survey northern portion of Bay, starting in Bay
Batiste, heading west. Skies clear, seas 1' chop, winds
6kts SE, crew Rich Y., Dana W., Jim F.

Note: Noise in record may be attributed to generator ground.
Resistance through 220 AC is 12Ω , w/out 220 = 2Ω .

1422 Sol boomer, CHIRP 045CC29, bathy 000-1429.RAW
Had to restart bathy line 000-1429.RAW.

1507 Channel feature in boomer (PVC01) 797925.4 150758
3259659.19
CHIRP shows jack-man-a-rip.

1515 Slowing as we head over St. Mary's Pt.

1527 possible channel feature in both boomer and CHIRP (pic 2)
152750 796014.79
3260274.80

1538 at west end eol.

1552 Sol 045CC 30 heading north into wilkinson canal area
CHIRP tied off to hydrophone boom to get it away from boat.
HYPRACK line 001.1552.RAW.

1606 near wilkinson's Canal (Dovey (e-r)), turning around, heading
south

162752 possible channel in CHIRP (pic 3) 794972.01
3260267.22

1635 turning onto W-E line across bay

1647 possible channel in boomer

(pic 4) 165027 796278.83 3259154.01

1727 Catch crab-trap buoy in boomer sled - stop to remove
-1748 possible channeling in seismic.

1750 maneuver to avoid crab trap.

175648 big channel in seismic - CHIRP see nothing

1816 interesting 'gas' feature - channel, or fault?

1821 just 32,000 trace mark. Start new line

Sol 045CC31

1843 channel? ~~32~~ 3257178 806821

1845 turning around, head SW to bay.

New bathy file 001-1848.RAW

1850 big channel (PUC 5) 806673.09 boomer
3256977.43 in ~~boomer~~,
CHIRP sees nothing.

1859 New new file 001-1859.RAW

192157 oyster broken? 3256542.03 Doesn't show up in CHIRP - gas

1951 Storm approaching - winds/chop picking up.

2014 heavy chop. 2016 Slowing down to weather storm.

2020 drain pan for A/C clog, water leaking into onto
high voltage power supply. Turn off power to clear drain
pan. EOL.

2032 Sol 045CC32 boomer only (CHIRP power supply down)
Still heading west across bay. Hypack file 001-2035.RAW.

2053 avoiding construction operations, turning south.

2101 Recording chirp, data looks good 04C32

2103 Boomer sled has been riding on top of the sea anchor line,
for an undetermined length of time - probably for as
long as the data has looked bad - probably beginning of
the south turn at 2053

2105 ~~to~~ eel pulling gear - heading NE

In Bay Baptiste, around old marker #12 heading
South. ~~See~~

215829 Sal bower, CHIRP 0450033 HYPACK 001.2158.BAW

221343 Channel in bower, 804981.66 3259498.55

CHIRP jack-mama-nip.

2236 water getting skinny - 5.9' flowing down.

2245 ~~the~~ slowing down for a ~~sea~~! tug boat, haven't seen a
boat all day, nowhere near a shipping channel, 6' of water
and the thing has to cross our path.

2310 Seeing sig 2s. eel eel.

7/7/04 B Seismic Survey, Barataria Bay / Inlets.
Surveying bay-side Pass Abed. Recon Inlet cannot
get through to gulf. So survey transect along ~~abed~~ Flood
tidal delta on bay side - along back side of Grand Terre Is.,
and out Barataria Inlet. Skies thunderstorms, seas calm -
winds variable. Crew Mike M., Rich Y., Dana W., Jim F.

1433 SOL 045CC34 heading west along off of ^{Pass Abed} Flood delta,
along backside of Grand Terre. HYPERACK 001-1433.RAW

1436 Slowing for Shrimp boat.

Notes: Collecting hard-copy bummer today, have been
collecting hard-copy CHIRP - but the CHIRP ^{not worth the paper} ~~isn't~~ this trip,

1510 overwash sand steep?

1527 big storm coming - pulling gear eol.

Resuming line where we left off prior to storm. Bayside,
off of research facility on Grand Terre Is.

^{1207 local} 1707 SOL 045CC35 momentarily heading east, turning around to
head west and resume line HYPERACK File 001-1709.RAW

1730 Crossed Barataria Inlet, turning around to head through inlet

1740 outside inlet heading seaward, slowing for traffic

1756 offshore, turning around through inlet

1812 inshore, turning around - heading down throat of Channel

1816 Gain - bad on Fathometer - fixed.

1840 outside eol.

Inside Barataria Bay, finishing line started at eol yesterday
behind Grand Is. heading south



2208 Sal 0450036 Chirp, boomer HYPACK 001_2209.RAW
2250 channel? (puck) 801205 3250612
2259 channel 800380 3250209
2312 eol cod at mid bay

7/8/01 Seismic Survey

Running line into Caminada Pass offshore onshore.

Skies stormy, seas rough 2' chop, 2' swell. Crew Dana W.

Mike M., Rich Y., Jim F.

1603 Sol 045CC37 Running w/sec into inlet.

HYPACK 001-1603.RAW.

1607 turning around

1610 maneuvering

1613 turning onto line

1645 at Caminada Pass bridge, turning south to begin
channel-edge transect out.

1651 Sand waves in bathometer - might be complicated by
chop in CHRP.

1653 inlet-mouth related chop.

1706 outside inlet eol.

possible overwash line 34 796701 3293475 152414
recor core Cat Bay line 36 223358 802592 3251579