

General Information		
Date:	06/08/11	Weather Notes:
Day of Year:	159-11	Sunny with only scattered clouds
Mapping Project:	Chandeliers 3 Term	Winds
Estimated Location:	West of Hues Point	
Boat:	R/V Twin Vee	
Crew/Affiliation:	BJ Reynolds USGS	
	Kyle Kelso USGS	
Boat Information		
Receiver Make/Model #	Ashtech Extreme	
Receiver S/N #		
Antenna Model #:	THALES CR - NO DOME PN = 701945-02 REV E	
Antenna S/N #:	CR620054800F	
**Antenna Height:	2779 mm	
Fathometer Make/Model:	Marimatch	
Power Setting	30	
Gain Setting	15	
TVG Setting	30	
Speed of Sound Setting	1523	
*Bar Check		
Planned Line File Used:		
Planned Line File Used:		
Base used for Surveying:		
Base Station Information		Secondary Base
Base Location:	Chandeliers (Temp)	
Base Site Name:	Tmax	
Receiver Make/Model #:	Ashtech Extreme	
Receiver S/N #:		
Antenna Make/Model #:	Choke - no radome = 701945-02 REV B	
Antenna S/N #:	CR6200548008	
Tripod Height:	2,000 mm	
Base Overnight?	yes	

ring File P/G/T

Lines Surveyed		
SB priority of R phase Jet sk. 02		
Line 20	020-1207	Mag line 20-0608
Line 19	119-1247	Mag line 19-0608
	↳ Abandoned - Seals are too rough, taking on water head South to E-W shore deep lined attempted to connect another GPS data with from receiver to computer 27 and feeding it into the Sealink program - Not successful, attempted to connect GPS on (common port 1 to Sealink program - Success (but now no GPS into the port) - so returning to original setup.	
SB - Priority - 03		
Line 0	000-1410	Mag Line 00-0608
	↳ power to 50% for deeper areas	
Line 4	004-1509	Mag line 04-0608
	↳ too shallow	
	to finish line	
Shore to 8	008-1544	↳ dragging shallow out heading
30/25/35		5% mag not deployed
Line 8	008-1606	Mag line 08-0608
Begin	crossing from 008-1606	
		Mag line 12-0608
Line 12	012-1635	Mag line 12-0608 continuation
Line 16	016-1709	Mag line 16-0608
	↳ began recording @ end of line 12 heading South, will continue to record line 16 in the Glen	
Line 20	020-1755	Mag line 020-0608 B
	Beginning line at end of 016-1635	

General Information		
Date:	06/09/11	Weather Notes:
Day of Year:	160-11	Partly Cloudy, Winds
Mapping Project:	Chandeleur Single Beam	5-10 out of SE, storm
Estimated Location:	Bayside west of Pelican	with a high of $\approx 90^\circ$
Boat:	R/V Twin Vee	
Crew/Affiliation:	BJ Reynolds USGS	
	Kyle Kelso USGS	
Boat Information		
Receiver Make/Model #	Ashtech Extreme	
Receiver S/N #		
Antenna Model #:	THALES CB - NO RADOME	701945-02 Rev E
Antenna S/N #:		
**Antenna Height:	7.79 2.779m	
Fathometer Make/Model:		
Power Setting	50	
Gain Setting	20	
TVG Setting	35	
Speed of Sound Setting	1572	
*Bar Check		
Planned Line File Used:	SB-Perocity-03	
Planned Line File Used:		
Base used for Surveying:	TMRK	
Base Station Information		Secondary Base
Base Location:	TMRK	
Base Site Name:	Chandeleur Is. (east of Pelican)	
Receiver Make/Model #:	Ashtech Extreme	
Receiver S/N #:		
Antenna Make/Model #:	Choke No-RADOME	701945-02 Rev D
Antenna S/N #:	CR6200548008	
Tripod Height:	2.0 meters	
Base Overnight?	yes	

Lines Surveyed	HYPACK File Name	Mag. File Name
Began with Byside Perp line - Folder SB Priority 03		
Line 24	024 - 0914	09 JUN 11 - 000
L 28	028 - 0936	09 JUN 11 - 001
	↳ Began Logging 024 - 0914	at the end of
L 32	032 - 1007	09 JUN 11 - 002
28/15/20	at 765 "Change Log - T"	
L 36	036 - 1059	09 JUN 11 - 003
L 40	040 - 1135	09 JUN 11 - 004
30/25/35		
L 44	044 - 1348	09 JUN 11 - 005
L 48	048 - 1409	09 JUN 11 - 006
L 52	052 - 1459	09 JUN 11 - 007 - er
L 56	056 -	09 JUN 11 - 008,
L 60	060 - 1603	09 JUN 11 - 009
↳ GPS Battery change - ended line		
↳ continued plan line with next SB		
↳ Suspended logging in Mag file		
NEW GPS Raw File - 255 B	060 - 1629	09 JUN 11 - 010
Priority 04	061 - 1642	09 JUN 11 - 011
Priority 05	086 - 1729	09 JUN 11 - 012
L 86	088 - 1810	09 JUN 11 - 013
L 58		
	END OF DAY	

Folder →

SB →

SB →

Filling in gaps

General Information		
Date:	06/10/11	Weather Notes:
Day of Year:	161-11	Sunny, hot, winds
Mapping Project:	Chandeliers Single Beam	at of 0 NR @
Estimated Location:	Shore Parallel Gulf Side	5 mph @ 9:01
Boat:	R/V Twin Vee	
Crew/Affiliation:	BJ Reynolds USGS	
	Kyle Keller USGS	
Boat Information		
Receiver Make/Model #		
Receiver S/N #		
Antenna Model #:	Thales-choke No Rooter	PN - 701945-02 Rev B
Antenna S/N #:		
**Antenna Height:	2.779 m	
Fathometer Make/Model:		
Power Setting	35	
Gain Setting	25	
TVG Setting	35	
Speed of Sound Setting		
*Bar Check		
Planned Line File Used:	Jet ski Priority 1	
Planned Line File Used:		
Base used for Surveying:		
Base Station Information		Secondary Base
Base Location:	Chandeliers IS	
Base Site Name:	TMAK	
Receiver Make/Model #:		
Receiver S/N #:		
Antenna Make/Model #:	Choke No Rooter 701945-02 Rev B	
Antenna S/N #:	CR6 2005 48008	
Tripod Height:	2.0 m	
Base Overnight?	?	

Lines Surveyed		
Beginning with Pikeland line h/w Jetsk. Primary (Shore Parallel on Gulf side)		
	<u>Hypack Line</u>	<u>Mag Line Name</u>
L 134	134-0859	10 June 11-000
L 140	140-0955	10 Jun 11-001
	↳ continuation of shoreline Parallel	
L 143	143-1023	10 Jun 11-002
	↳ cont. of landward part shoreline Parallel	
L 144	144-1054	10 Jun 11-003
	↳ shoreline Parallel (2)	
L 141	141-1135	10 JUN 11-004
Wrong line → L 142	142-1214 error	10 JUN 11-005
L 138	138-1213	
L 135	135-1237	10 JUN 11-006
L 134	134-1307	10 Jun 11-007
	↳ Attempting to get landward of the bar * Failed to get into track	
L 136	136-1325	10 Jun 11-008
L 139	139-1348	10 Jun 009
L 142	142-1407	10 Jun 010
L 145	145-1430	10 Jun 011
	Pick up gear run back North to new line file.	
→ Jetsk. to SB replace primary. Inw?		
L 6	006-1547	10 JUN 11-012
	↳ fuel issues / ran out / refueled / balls not staying in rd	
L 7	007-1648	10 Jun 11-013
L 8	008-1720	10 JUN 11-014
L 9	009-1750	10 JUN 11-015
L 9 (aircraft shed)	009-1828	No Mag line file

Heading
S

Wrong
line

S

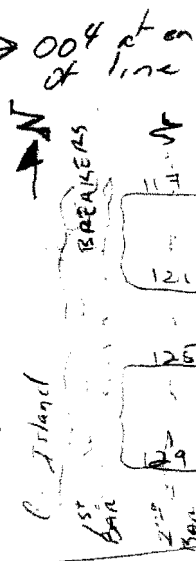
cut
short +
etc of short
only N
side

General Information		
Date:	June 11, 2011	Weather Notes: Sunny, warm, wind out of NE @ 5 mph relatively calm
Day of Year:	162-11	
Mapping Project:	Chesapeake Single Beam	
Estimated Location:	North End of Annapolis T.	
Boat:	R/V Tides Vee	
Crew/Affiliation:	BT Reynolds USGS Kyle Kellum USGS	
Boat Information		
Receiver Make/Model #		
Receiver S/N #		PN 701945-02 Rev E
Antenna Model #:	Sholes - NO RADOME - choke	Antenna model
Antenna S/N #:	1	
**Antenna Height:	2.779 m	
Fathometer Make/Model:		
Power Setting	35	
Gain Setting	25	
TVG Setting	35	
Speed of Sound Setting		
*Bar Check		
Planned Line File Used:		
Planned Line File Used:		
Base used for Surveying:		
Base Station Information		Secondary Base
Base Location:	Chesapeake T.	
Base Site Name:	TRMK	
Receiver Make/Model #:		
Receiver S/N #:		
Antenna Make/Model #:	Choke No-RADOME 701945-02 Rev E	
Antenna S/N #:	CRL6200548009	
Tripod Height:	2.0 m	
Base Overnight?	yes	

Lines Surveyed		
	HYPACK LINE	MAG LINE
	OC —	No MAG LINE
N-S Trench Joki conversion 4 in 60s	→ got into trough before bar	
Line 7	007-0952	11 Jun 11-000
Line 8	008-1007	11 Jun 11-001
Line 9	009-1021	11 Jun 11-002
LINE 10	010-1048	11 JUN 11-003
	→ start at end of L9 →	on TGT BOL 10s
Line 11	011-1115	11 Jun 11-004
L12	012-1206	11 Jun 11-005
A13 X	013-12--	Bad No Depths
L13	013-1301	11 JUN 11-006
L14	014-1336	11 Jun 11-007
L15	015-1416	11 Jun 11-008
	→ 012-1206 →	015-16- cut sheet
	on north side - Tom Sullivan to Cwney	15 JUN 11-009
	106-1516	

General Information		
Date:	06/13/11	Weather Notes:
Day of Year:	164-11	choppy. Winds 10-15 kts
Mapping Project:	Chandeleur Single Bear	out of NW
Estimated Location:	outside SB Priority 1	
Boat:	R/V Turn Vee	
Crew/Affiliation:	BT Reynolds USGS	
	Kyle Kelso USGS	
Boat Information		
Receiver Make/Model #		
Receiver S/N #		
Antenna Model #:	Thales-choke - no RADOME	PN-701945-02 Rev B
Antenna S/N #:		
**Antenna Height:	2.779 m	
Fathometer Make/Model:		
Power Setting	35	
Gain Setting	25	
TVG Setting	35	
Speed of Sound Setting	1532	
*Bar Check	Bar Check done!	
Planned Line File Used:	SB Priority 1	
Planned Line File Used:		
Base used for Surveying:		
Base Station Information		Secondary Base
Base Location:	Chandeleur IS	
Base Site Name:	IMRK	
Receiver Make/Model #:		
Receiver S/N #:		
Antenna Make/Model #:	Choke NO RADOME - 701945	701945-02 Rev B
Antenna S/N #:	CR6 200548008	
Tripod Height:	2.0 m	
Base Overnight?	?	

Lines Surveyed		
SB Priority 1 Folder	Hypack Line file	May Line file
L 2	002 - 0922	13 Jun 11 - 000
L 3	003 - 1009	13 JUN 11 - 001
L 4	004 - 1053	13 Jun 11 - 002
L 5	005 - 1151	13 Jun 11 - 003
L 6	006 - 1236	13 Jun 11 - 005
(last line of SB Priority 1)		
Jedski priority 1/now - shore & working N		
L 129	129 - 1359?	" - 006
L 125	125 - 1407	13 JUN 11 - 007
L 121	121 - 1417	- 008
L 117	117 - 1429	- 009
L 113	113 - 1438	- 010
L 109	109 - 1447	- 011
L 105	105 - 1455	- 012
L 101	101 - 1505	- 013
wrong line selected	097 - 1513	- 014
Correct line 1095	095 - 1514	- 014
L 091	091 - 1528	- 015
L 087	087 - 1535	- 016
L 083	083 - 1546	- 017
L 079	079 - 1554	- 018
L 075	075A - 1605	- 019
L 071	071 - 1614	- 020
L 067	067 - 1624	- 021
L 61	061 - 1635	- 022
L 57	057 - 1649	- 023
L 53	053 - 1658	- 024
L 49	049 - 1709	- 025
L 45?	045 - 1720	- 026
L 41	041 - 1732	- 027
L 40	040 - 1738	- 028
L 39	039 - 1746	- 029
L 38	038 - 1752	- 030
L 37	037 - 1800	- 031
L 36	036 - 1806	- 032
wrong line	035	- 033
L 34	034 - 1814	- 034



Branch
Detail

General Information		
Date:	06/14/2011	Weather Notes:
Day of Year:	165-11	Clear
Mapping Project:	Chandeleur Isl. - Berm	W-SW Wind
Estimated Location:	N. End Berm working S	15 kts
Boat:	Vee Surveyor	Seas 1-2 East side of
Crew/Affiliation:	80 Reynolds 7 USGS	15/13 - 3-4 West side
	Kyle Ribow	
Boat Information		
Receiver Make/Model #	Ashtech Extreme	
Receiver S/N #		
Antenna Model #:	Thales CR No Dome	701945-02 Rev B
Antenna S/N #:		
**Antenna Height:	2.779m	
Fathometer Make/Model:	Marimatech	
Power Setting	28	
Gain Setting	25	
TVG Setting	35	
Speed of Sound Setting		
*Bar Check		
Planned Line File Used:	Jctsk: Priority 1	
Planned Line File Used:		
Base used for Surveying:	TMRK	
Base Station Information		
	Primary Base	Secondary Base
Base Location:	Chandeleur Isl. E of Pelican	
Base Site Name:	TMRK	
Receiver Make/Model #:	Ashtech Extreme	
Receiver S/N #:		
Antenna Make/Model #:	Choke - NO DOME 701945-02 Rev B	
Antenna S/N #:	CR6200548008	
Tripod Height:	2.000m	
Base Overnight?	YES	

P/G/TVL

Lines Surveyed		
Jetsk. Priority 1	Inu	
28/25/35	- Starting N end working	- every other line
L1	001-1020	14 JUN 11 - 000
L3	003-1029	-001
L5	005-1057	-002
L7	007-1044	-003
L9	009-1052	-004
L11	011-1108	-005
L13	013-1115	-006
L15	015-1122 (015-1121 in h/mc)	-007
L17	017-1129	-008
L19	019-1136	-009
L21	021-1147	-010
L23	023-1154	-011
L25	025-1201	-012
L27	027-1208	-013
L29	029-1216	-014
L31	031-1222	-015
GPS direct L33	033-1229	-016
New Session L33	033-1235	-016
L42	042-1244	-017
L43	043-1258	-018
L44	044-1305	-019
L47	047-1312	-020
L51	051-1323	-021
L55	055-1342	-022
L59	059-1346	-023
L63	063-1357	-024
L69	069-1410 + 069	-025
L73	073-1431	-026
L77	077-1441	-027
L81	081-1451	-028
L85	085-1501	-029
L89	089-1510	-030
L93	093-1520	-031
L97	097-1532	-032
L103	103-1542	-033
L107	107-1554	-034
L111	111-1606	-035
L115	115-1616	-036
L119	119-1628	-037

567 - error

777 - engine trouble

BACK HAS LINE 106 #2 for day

General Information		
Date:	06/14/2011 (cont)	Weather Notes:
Day of Year:	165 - 1 CONTINUED	
Mapping Project:		
Estimated Location:		
Boat:		
Crew/Affiliation:		
Boat Information		
Receiver Make/Model #		
Receiver S/N #		
Antenna Model #:	Thales - Choke - NO RADOME	701945 - 02 Rev E
Antenna S/N #:		
**Antenna Height:	2.729m	
Fathometer Make/Model:		
Power Setting		
Gain Setting		
TVG Setting		
Speed of Sound Setting		
*Bar Check		
Planned Line File Used:		
Planned Line File Used:		
Base used for Surveying:		
Base Station Information		
Primary Base	Secondary Base	
Base Location:		
Base Site Name:		
Receiver Make/Model #:		
Receiver S/N #:		
Antenna Make/Model #:		
Antenna S/N #:		
Tripod Height:		
Base Overnight?		

707	Lines Surveyed	
Jet Ski priority 1. Inw		
28/25/35	heading S	
L123	123 - 1638	14 Jun 11 038
127	127 - 1652	039
131	131 - 1701	040
SB Priority 1		
L 1	001 - 1800	14 Jun 11 - 041

General Information		
Date:	06/15/2011	Weather Notes:
Day of Year:	166-11	Mostly Sunny
Mapping Project:	Chandeleur, Bern	NW 10-15 Kts
Estimated Location:	Hewes Point	sees 1-3 ft
Boat:	Vee Surveyor	
Crew/Affiliation:	BJRenn. 105 FUSGS	
	Kyle Kelso	
Boat Information		
Receiver Make/Model #	Ashtech Extreme	
Receiver S/N #		
Antenna Model # :	Thales CR - No Dome PN - 701945-02 Rev B	
Antenna S/N #:		
**Antenna Height:	2.779m	
Fathometer Make/Model:	Maximator	
Power Setting	35	
Gain Setting	25	
TVG Setting	35	
Speed of Sound Setting	1522 - 9091	
*Bar Check		
Planned Line File Used:	SB Jet Ski replacement In use	
Planned Line File Used:		
Base used for Surveying:	TMRK	
Base Station Information		
Primary Base	Secondary Base	
Base Location:	Chand. Isle - 100m J MARK	
Base Site Name:	TMRK	
Receiver Make/Model #:	Ashtech Extreme	
Receiver S/N #:	C	
Antenna Make/Model # :	Choke - No 2000m 701945-02 Rev B	
Antenna S/N #:	CAL2005 48008	
Tripod Height:	2.000m	
Base Overnight?	YES	

Lines Surveyed		
SB-Jets/ki	replacement. (new)	
35/25/35		
L17	017-0906	15 JUN 11
L18	018-0949	15 JUN 11 - 000
L19	019-1028	↓ - 001
	↳ May went crazy when passing the tower	
L10	010-1119	15 Jun - 002
L11	011-1154	15 Jun - 003
CROSSING	↳ end of 10 heading SW	
L2	002-1235	Tuning @ beginning of line
		15 Jun - 004
Back to shore perp (setsku probab)		
L2	002-1319	- 005
L4	004-1325	- 006
L6	006-1332	- 007
L8	008-1339	- 009 - 008
L10	010-1345	010
L12	012-1352	011
L14	014-1400	15 JUN 11 - 012
L16	016-1407	- 013
	018-1418	- 014
	020-1424	- 015
	022-1431	- 016
	024-1439	- 017
	026-1447	- 018
	028-1455	- 019
	030-1502	- 020
	032-1512	- 021

Did not log
the reg.

for R/V ~~Streeterville~~



NEW BAIL USED 
Actual Bar Check Length = ~~XXXXXXXXXX~~

Length
BAR check

$$\begin{array}{r} \boxed{80} 1.600\text{m} \\ - 0.617\text{m} \\ \hline 0.983\text{m} \end{array}$$

$$\begin{array}{r} 1.60\text{m} \\ - 0.62\text{m} \\ \hline 0.98\text{m} \end{array}$$

201200548007

$$-CH_2-CH_2-$$

7	25	30	0.98
10	13	30	0.98
10	13	30	0.97
10	13	30	0.95
10	13	30	0.98
1.7	2.1	2.1	0.98

TSS Housing = 0.445m

