

USGS SPCMCS FACS Operations Log -Kinematic Survey

SPCMSC FAN# 2014-314-FA		
<u>Kinematic Rover – 14BIM03</u>	Recording Interval (s) 0.1 sec	Comments
Platform (boat, buggy, pole, etc)	R/V Chum Bucket (Wave Runner 2)	SMG-PF800-3 receiver with SMG-GNSS-2 antenna JD 202 WVR2 box wet inside, swap for WVR1 box: SMG-PF800-2 receiver
Receiver Make/Model#	Magellan ProFlex 800 P/N 802136	
Receiver S/N#	2013348008 / 201235041	
Antenna Model or P/N#	Magellan 111406 antenna P/N AT1675-7MW	
Antenna S/N#	5481	
Antenna Height (m)	1.111 m	
Offset Diagram for Antenna?		
<u>Primary Static Base Information</u>	Recording Interval (s) 0.1 sec	Comments
Base Location	Breton Island	SMG-PF500-1 receiver CFHT tripod – tall Record interval 0.1 sec (day), 30 sec (night)
NGS PID # if applicable		
Base Site Name:	BRET	
Receiver Make/Model#	Magellan ProFlex 500 P/N 802077 G	
Receiver S/N#	201038003	
Antenna Model or P/N#	Thales Choke Ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200538004	
Tripod Height (m)	2.000 m	
<u>Secondary Static Base Information</u>	Recording Interval (s) 0.1 sec	Comments
Base Location	Breton Island	SMG-PF500-2 receiver CFHT tripod – fully collapsed ***check height*** Record interval 0.1 sec (day), 30 sec (night)
NGS PID # if applicable		
Base Site Name	BRT2	
Receiver Make/Model#	Magellan ProFlex 500 P/N 802077 G	
Receiver S/N#	201038002	
Antenna Model or P/N#	Thales Choke Ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200548008	
Tripod Height (m)	1.240 m	

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DOY	Start Vacap UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
196		1	WVR-PR1.1.mw				BS on Churn Bucket
196	15:41	2					Ran In no time sync Gps
		3					Ran Out 11
	16:04	4					In Time sync
	16:13	5					out ↓
	16:25	6					in
	16:34	7					out
							in (portal due to nearby)
							in
		17					in CREW SWAP.
		18					out Take to Sullenger
		19					in to troubleshoot.
		20					in NO radio in 2kill
	1851	16					IN Take on!
	1858	15					OUT
	1908	14					IN
	1913	13					OUT
	1920	12					IN
	1930	11					OUT
	1936	10					IN
	1943	9					OUT

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14 BIM 03

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DOY	Local +5 UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
196	1952	8	WVR-PR1.mn				IN
	1957	7					OUT
	2011	21					IN
197	1500 1400	57		3 segments	14BIM03-057-		South start @ crossing line - B9 on
	14 1546	56					in
	1600	55					Out
	15 1600 1500	54					in
		53					out
	1608	52					in
		51					out
	1619	50					in
	1624	49					out
	1628	48					in
	37	47					out
	1637	46					in
	1645	45					out
	1649	44					in
		43					out
	1602 1702	42					in
	↓ 1725	41					OUT - Juke on ski

1625

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DOY	Local +5 UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
1974		40	wvr-PR1.lnw				IN TO SHORE
	1634	39	↓				OUT from SHORE
		38	↓				IN
	1641	37					OUT
		36	Boat losing almost at shore?!				IN
	1651	36	pick up where stopped				IN
	1653	35	passing s/a				OUT
	1658	34					IN
	1702	33					OUT
	1707	32					IN
	1711	31					OUT
		30					IN
	1721	29					OUT
		28					IN
	1731	27					OUT
		26					IN
	1745	25					OUT
	1750	24					IN
	1757	23					OUT
	1800	22					IN

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2014 DOY	Local +5 UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
197-14	1813	58	NUR-PR1, LNW				Take on ski
		60					Crossing North
197	1834	60					Cross South - SS on
		61					
	20:25	8	PR2, LNW				NW
		9					SE
		10	Refuel				NW
	21:16	10					SE
	21:34	11					NW
	21:50	12					NW Take on
	22:10	13					NE
	22:54	14					SW
	23:35	15	sps died - part of line				NE
198	14:48	1	NUR-PR2, LNW				SE to line 15 - Take on the NUR
	13:52	15	approaching from the NE to the island				SW
	14:05	2	monitor issues - power flickering				NW
	14:16	3					SE
	14:40	6					SE
	14:50	18					North along the shore to "18"

then SW to 18

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
198-14	15:28	17	WVR-PR2.LNW				NE - refueled at End of
	16:17	16					SW - monitor died
		16					Pickup where monitor - SW
							died s/a - BT on ski.
		15					NE
		3					Shoreline from 15 to 3
		5	* WVR-PR3.LNW				NW
		6					SE
		7					NW to shoal
		8					SE from shoal
		9					NW
	21:45	10					SE
	21:55	7	* WVR-PR2.LNW				NW - Take on ski
	22:15	20					SE
	22:35	19					NE
		23	WVR-PR3.LNW				SW
		22					NW
	23:25	21					SE
199	13:28	7	PR3		SVPCAST		NW
199	13:53	6	↓				FINISHING OUTER NW SECTION

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
199	14:14:09	5	WUR-PR3.LNW				FINISHING OUTEE NW PART
199	14:16	4					
199	14:24	3					
199	14:47	2					
		1					
	15:45	11					SE
		12					NW
	16:56	13			(From skiff) SUP CAST		SE - Trevor on skiff
	17:30	14			SVP		NW - Across shoal
	17:50	15					SE - Across Shoal
	18:30	16					NW - across shoal eye/egly
201	14:40	17	WUR-PR3.LNW		SVP		BS on skiff
201	14:55	18					
201	15:26	19					
201	15:34	20					
201	16:27	6	WUR-PR2.LNW				
201	16:58	4					
	17:06	3					
	17:28	2					
		1					SE

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
2014	1824	20	WVR-PR-2.1NW	- BIN	SVP taken		SW to "7" - Trevor on skt
202	1855	19					NE
	1936	18					SW to 7
	2000	17			SVP		
	2008	16					
	2034	16	WVR-PR4. CNW		SVP		
	2127	15					
	2235	12					
		11					
	2310	10					
202	1337	14	WVR-PR4. LNW		SVP		NE - long crossing Take on skt
203	1410	13					
	1436	9	So (2) 9 - out (2) 8 -	lines?!			* Out on 8 south side of island
	1513	8			SVP		back on 9 then around to
	1520	7	looped midway offline				(8 front side?)
	1530	6					
	1540	5					
	1550	4					
	1604	3					
	1610	2					stopped to refuel

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
202	1633	2					Cont. BS on skid
203		1					
		PR 5 5					
		1					
		2					
		3					
		4					SE 1/2 to Island
		3					NW 2nd half
		4					Priority 4 Done! SE 2nd half
1802		8					Priority 3 SE
		7					under
		6					"
		5					"
		4					E side 2nd port
		5					E side
		6					E S
		7					
		8	} Changed power to 3 while crossing shoal → back to 5 once across				NW
		10					SE
2007		11	WVR-PR5.1NW				NW Take on skid
2018		12					SE

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
203 207	4 2028	13	WVR-PR5	1NW			NW
204	14 1934	14			SVP		SE BS on SK
	15 1934	15					NW E side
	16 1950	16					SE
	1956	17					NW
	2000	18					SE
	2006	19					NW
	2017	20					SE
	2026	21					
	2053	16					NW W-side
	2105	17					SE
	2134	18					NW Lake on SK
	2143	22					SE
	2155	44	TV-PR5	1NW			SE
	2201	43					NW
	2211	42					SE
	2219	41			SVP		NW
	2230	40			SVP		SE
	2237	39					NW
	2244	38					SE

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2014 DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
204	2254	37	TV-PR5.1NW				Take on ski - NW
	2303	36					SE
	2312	35					NW
	2320	34					SE
	2331	33					NW
206	20:44	32	TV-PR5.1NW				SE BT on ski
	2118	31					NW
		110					NW
	2156	19					SE
	2211	8					SE NW
		7					SE
	2308	6					NW Take on sk
	2317	5					SE
	2325	4					NW
	2337	3					
207	1509		001-1509	*.BIN	SWP SODAY 207		inshore doing TV-PR5
207	15:15		h		SVP CAST offshore		redoing line 2 for comparison
207	15:24		h		SVP CAST inshore		
207	15:21		002-1521				
207	15:50				SVP CAST		→ 30L line 11 out

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DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
207	1552		011-1552	*.BIN			SOL SHORE
207	16:05				SVP		SOL 11
207	16:09		012-1609	*.BIN			SOL 12 inshore
207	16:18		013-1618	*.BIN			SOL 13 out
	—		—				Weather = SUNNY/CALM in sound
207	16:24		"	JI	SVP		area
207	16:31		014-1631	"			SOL 14 inshore
207	16:43		015-1643	*.BIN			SOL 15 offshore
207	16:48		"		SVP		15m H ₂ O Z; inshore SVP
207	16:53		016-1653	*.BIN			SOL 16 inshore
207	16:58		017-1658		SVP		offshore SVP
"	17:37		017-1737	"		NE	Fuelled - Swapped operators before 17
"	17:51		017-1751	"		SE	Re-running line 17 due to bottom loss
"	17:59		018-1759				Heading NW
207	18:05				SVP		
207	18:11		019-1811				Heading - SE
207	18:16				SVP		Near NW extent of line 21/22
207	18:21		020-1821				H - NW
207	18:30		021-1830				H - SE
207	18:40		022-1840				H - NW

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DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
207	Picking up new Jatski line				File Name -		North Baton
207	19:52	15	015-1952	# Bin			IN
207	20:02	14	014-2002	"			OUT
207	20:11	13	013-2011	"	SVP		IN
207	20:15	12	012-2015	"			OUT
"	20:20	11	011-2020		SVP		
"	20:20	11	011-2020				IN
"	20:25	10	010-2025				OUT
"	20:31	09	009-2031				IN
207	20:35	08	008-2035				OUT
"	20:37		007-2040		SVP		
"	20:40	07	007-2040				IN
"	20:43				SVP		
"	20:44	06	006-2044				OUT
207	20:49	05	005-2049				IN
"	20:53	04	004-2053				OUT
"	20:58	03	003-2058				IN
"	21:04	02	002-2104				OUT
207	21:09	01	001-2110				

SVP

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DOY	UTC Time	Line #	Hypack Line Name	Odom Waveform File	SOS Profile Name or Reading (m/s)	Bar Check (m)	Comments
207	21:28	17	017-2128	4BIN			crossing → WEST
207	21:30		17		SVP		6m
207	21:39	16	016-2139	4BIN			SOL 16 crossing → EAST
207	21:40		16		SVP		30
207	21:45	16	016-2145				
	Beginning		Jet Ski New Britain Bay line				
208	15:14	01	001-1514				from original Britain Bay file
							same line # both directions
208	17:12		001-1712				switched to Britain Bay 2
208	17:29		004-1729				
208	17:47		005-1747				
208							
	BEGINNING		MR60	LINES	SALLINGER PRIORITY 2 version 3		
208	20:45		024-2045				
208	21:12		023-2112		SVP		
208	21:22		022-2122				
			021-2107				

SPCMSC FAN # 14BMO3

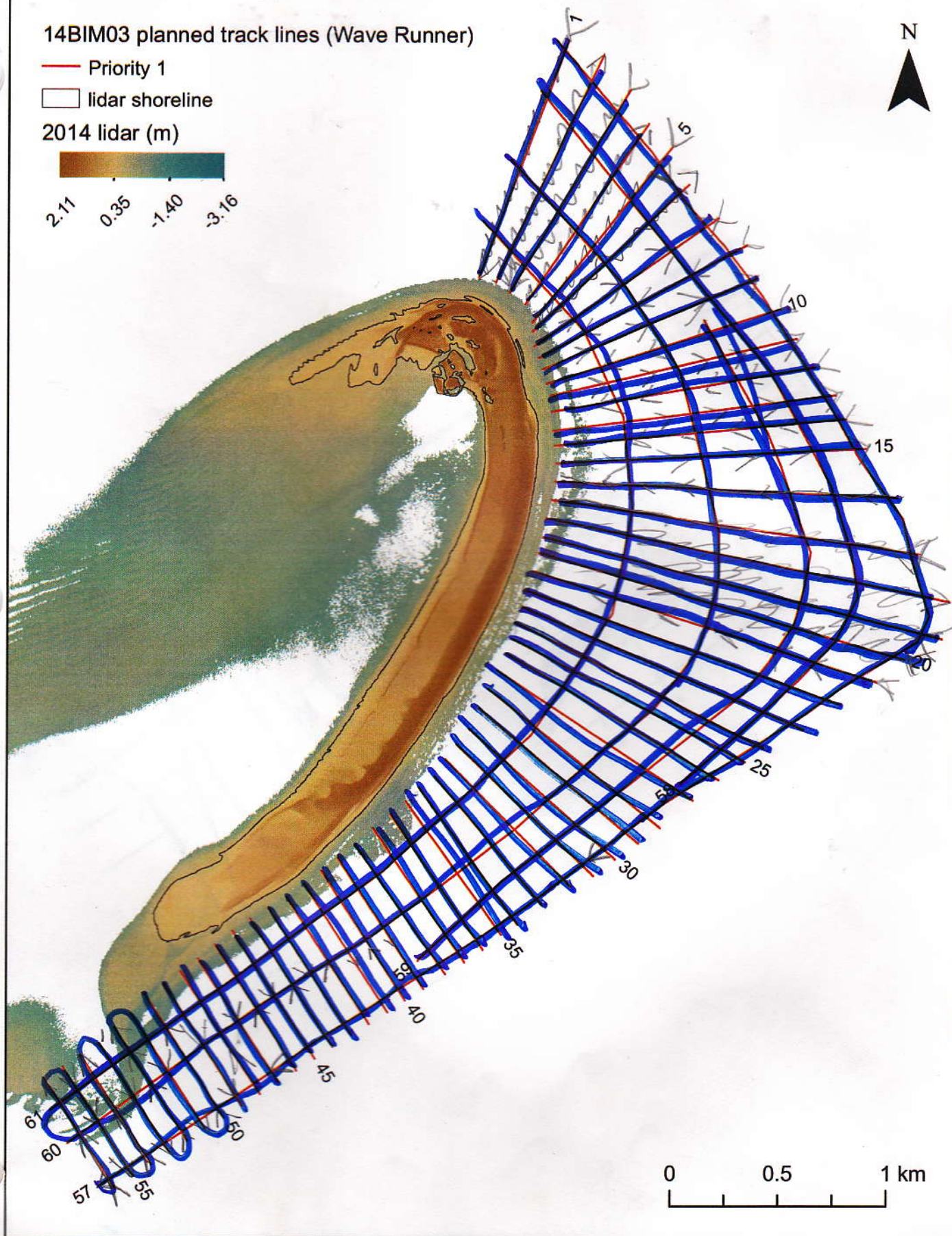
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14BIM03 planned track lines (Wave Runner)

— Priority 1

□ lidar shoreline

2014 lidar (m)

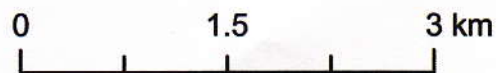
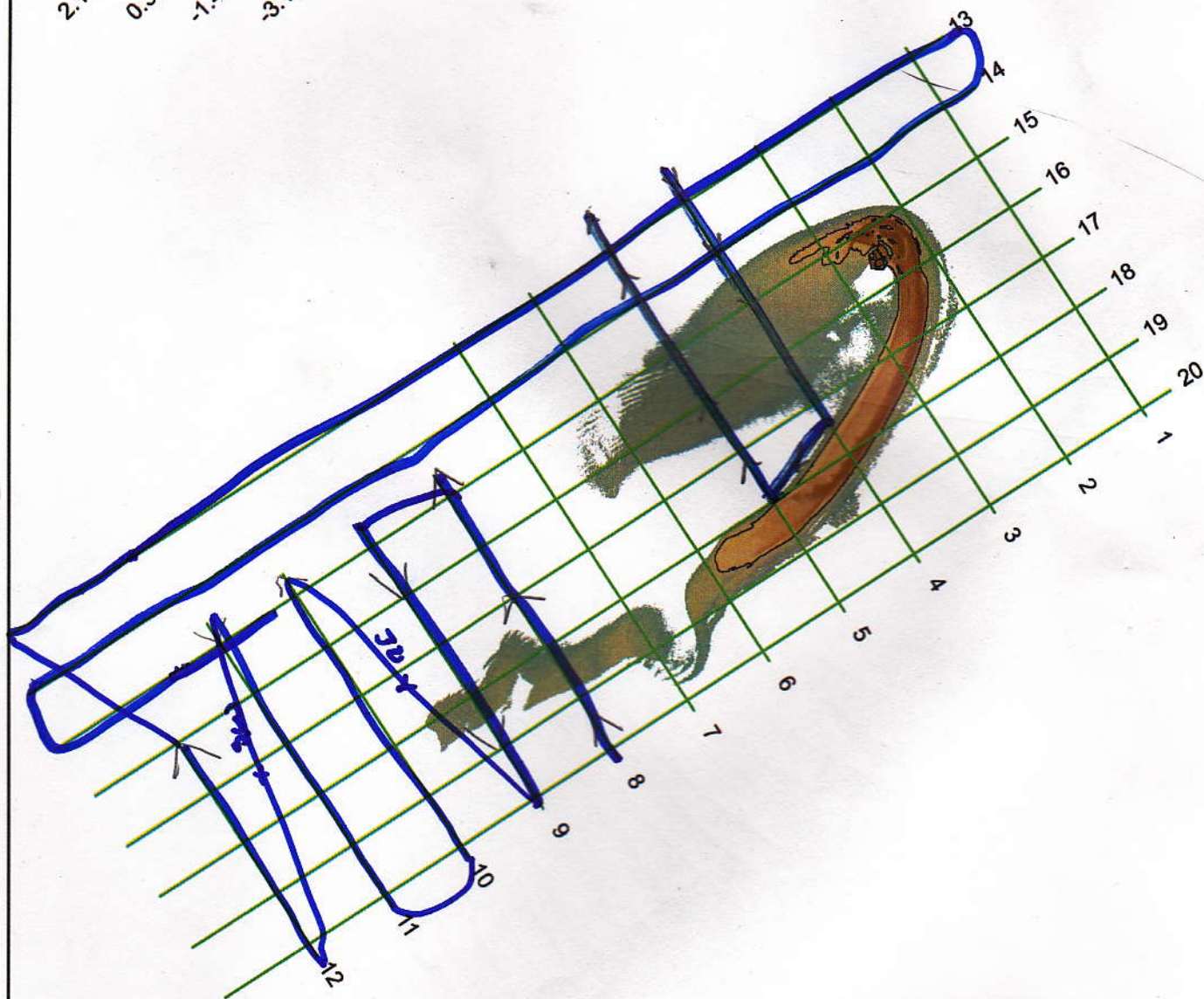


14BIM03 planned track lines (Wave Runner)

— Priority 2

□ lidar shoreline

2014 lidar (m)

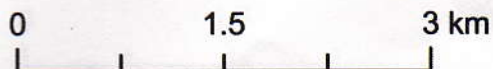
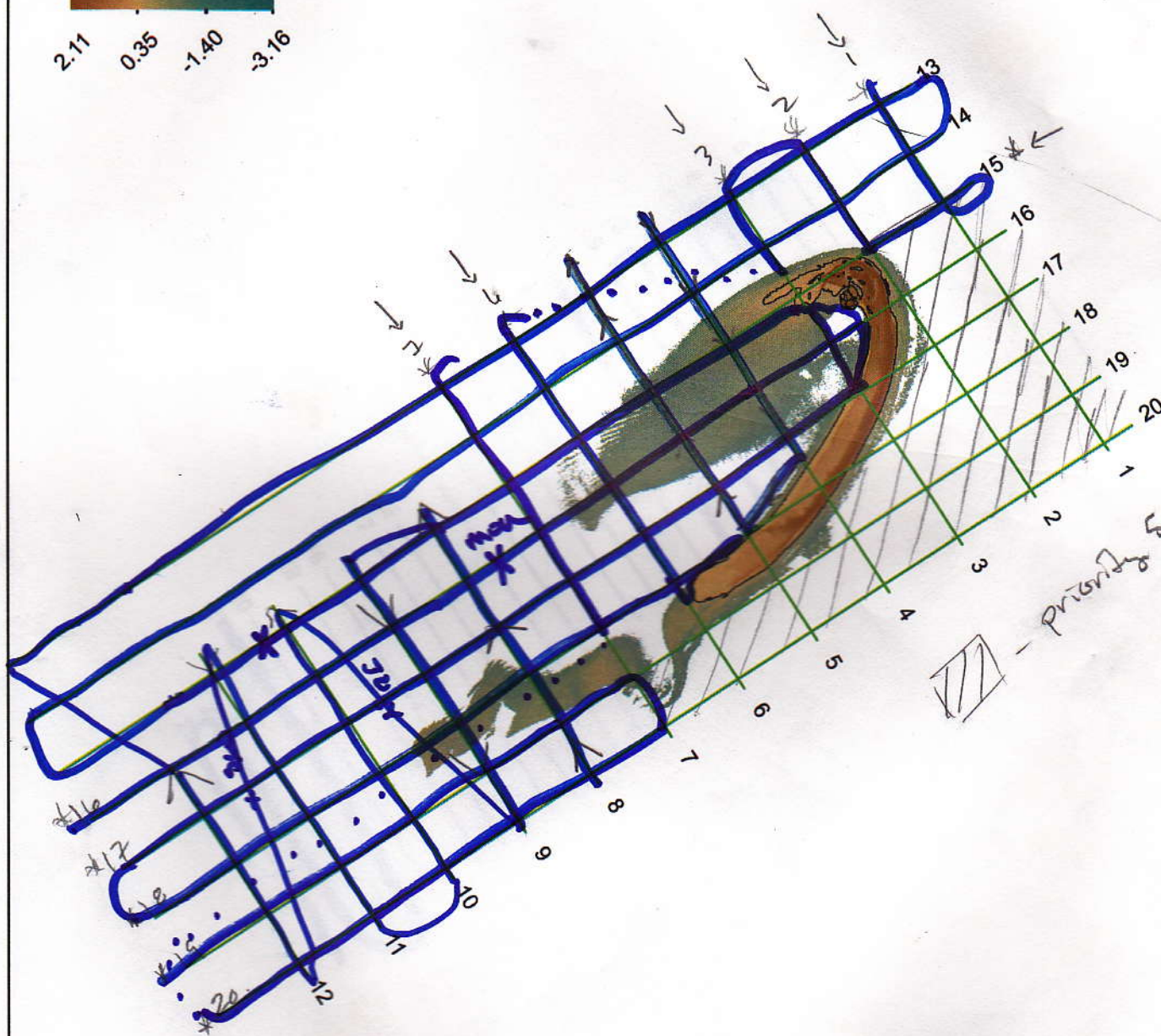


14BIM03 planned track lines (Wave Runner)

— Priority 2

□ lidar shoreline

2014 lidar (m)

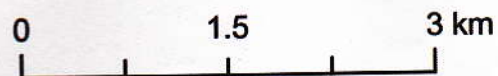
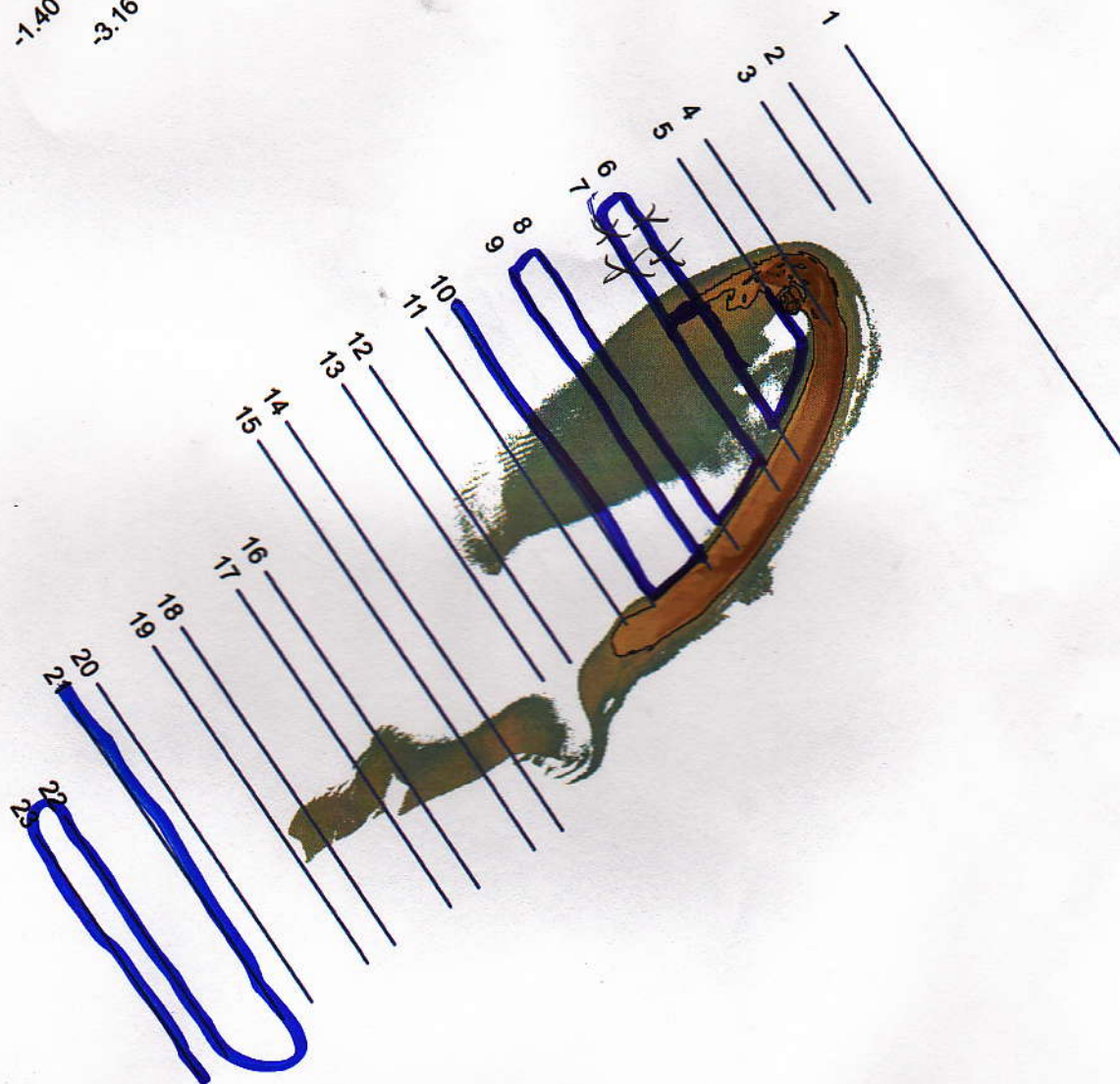


14BIM03 planned track lines (Wave Runner)

— Priority 3

□ lidar shoreline

2014 lidar (m)

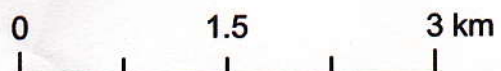
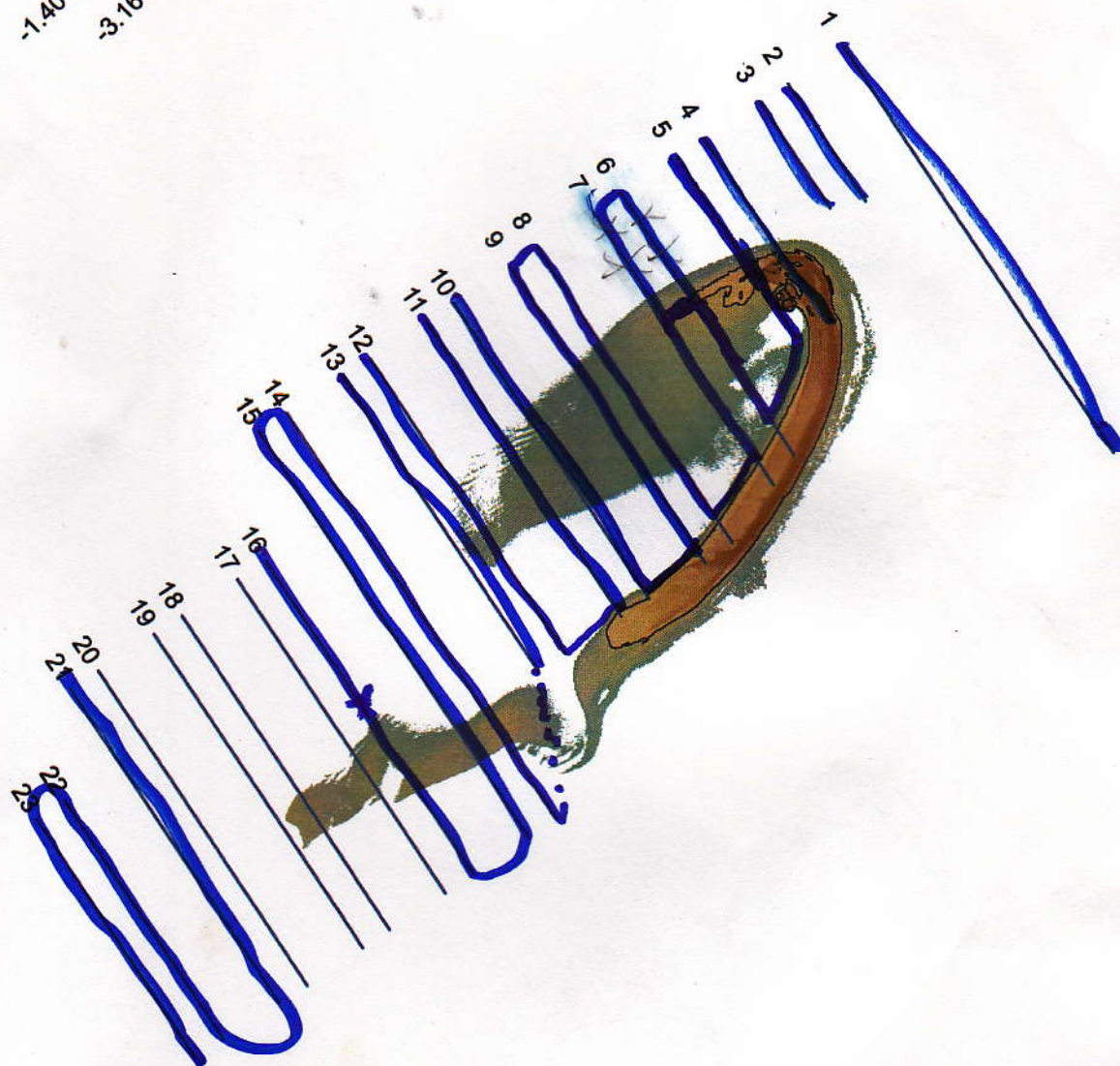


14BIM03 planned track lines (Wave Runner)

— Priority 3

□ lidar shoreline

2014 lidar (m)



14BIM03 planned track lines (Wave Runner)

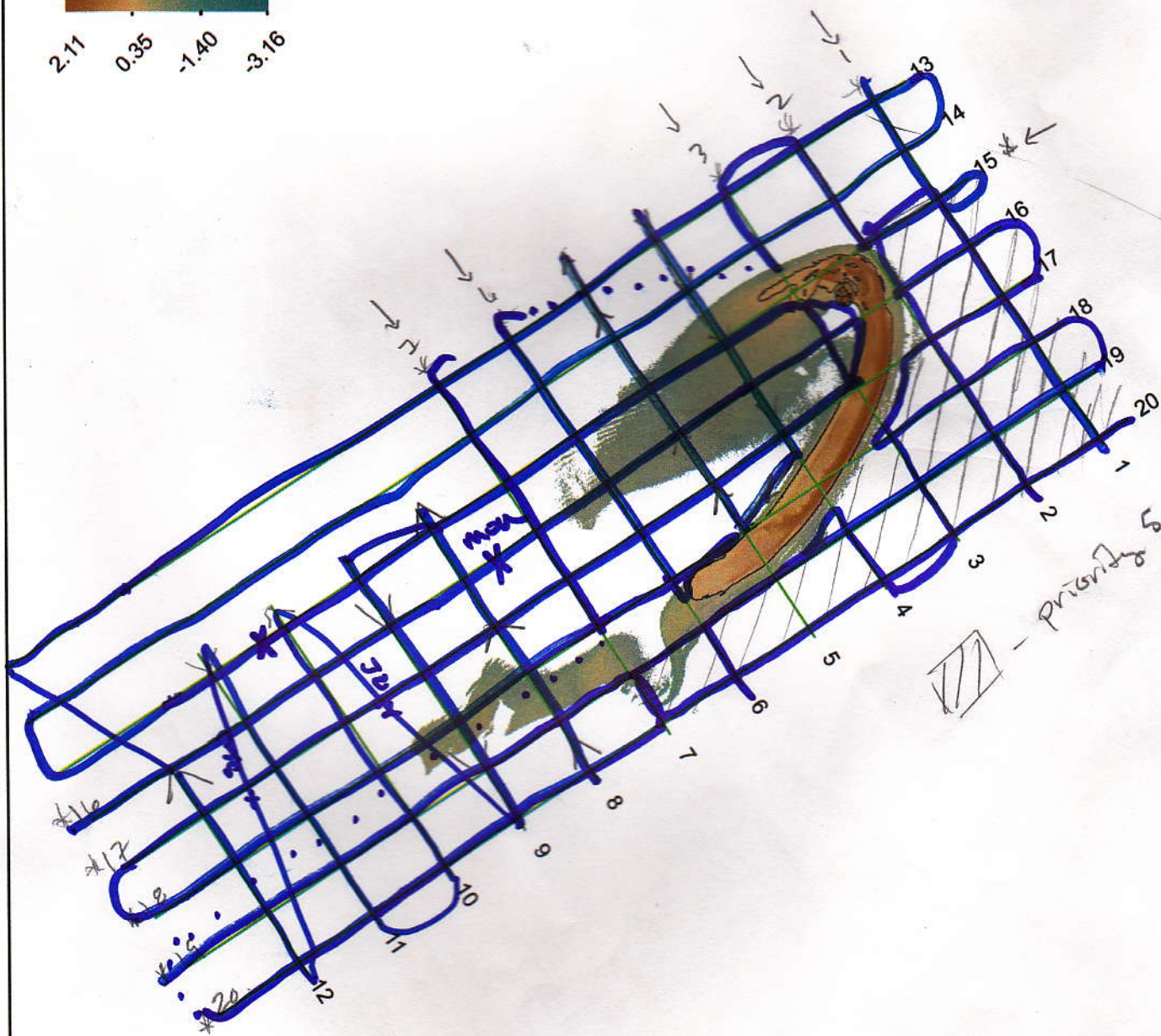
— Priority 2

□ lidar shoreline

2014 lidar (m)



N



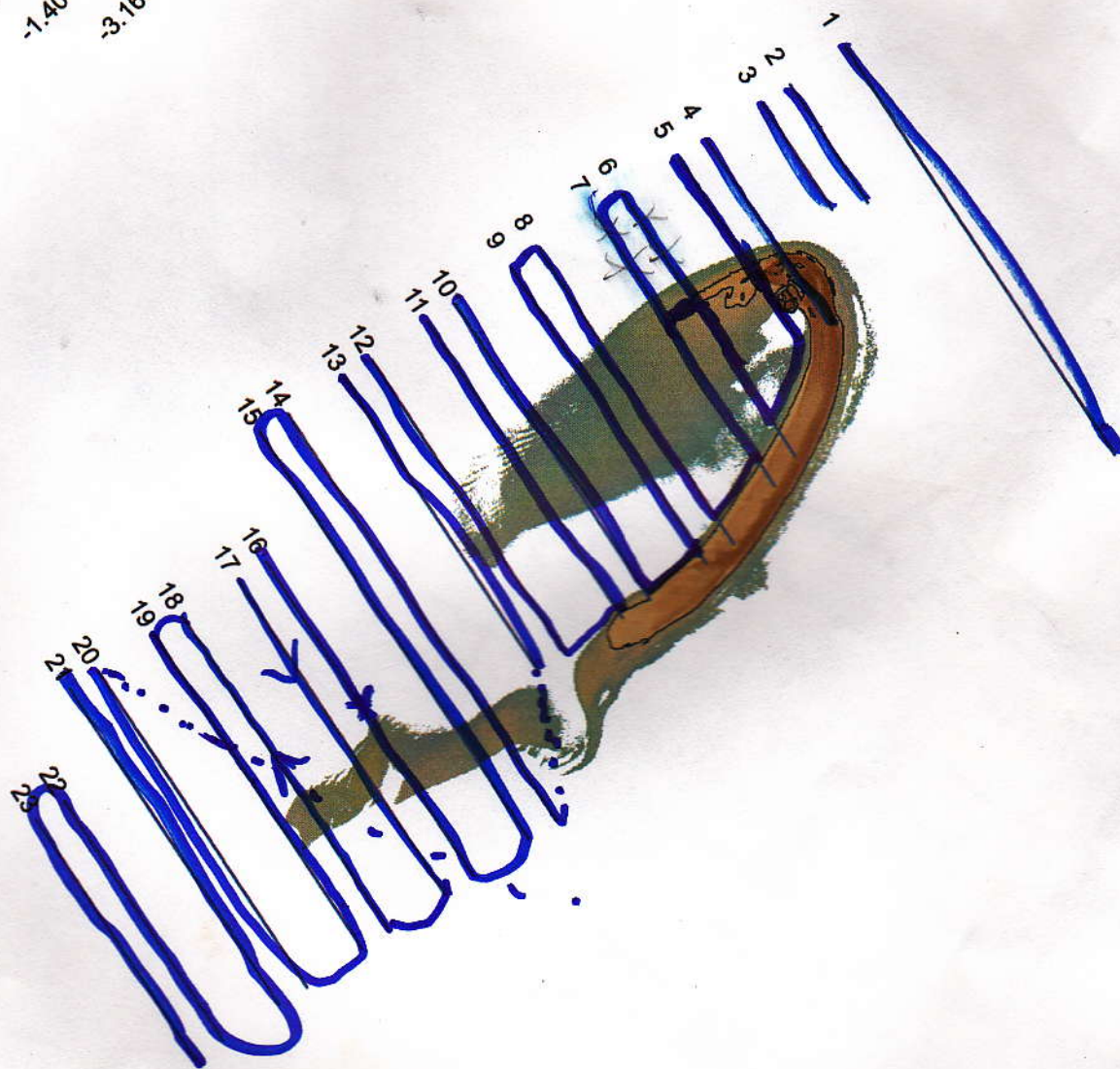
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14BIM03 planned track lines (Wave Runner)

— Priority 3

□ lidar shoreline

2014 lidar (m)



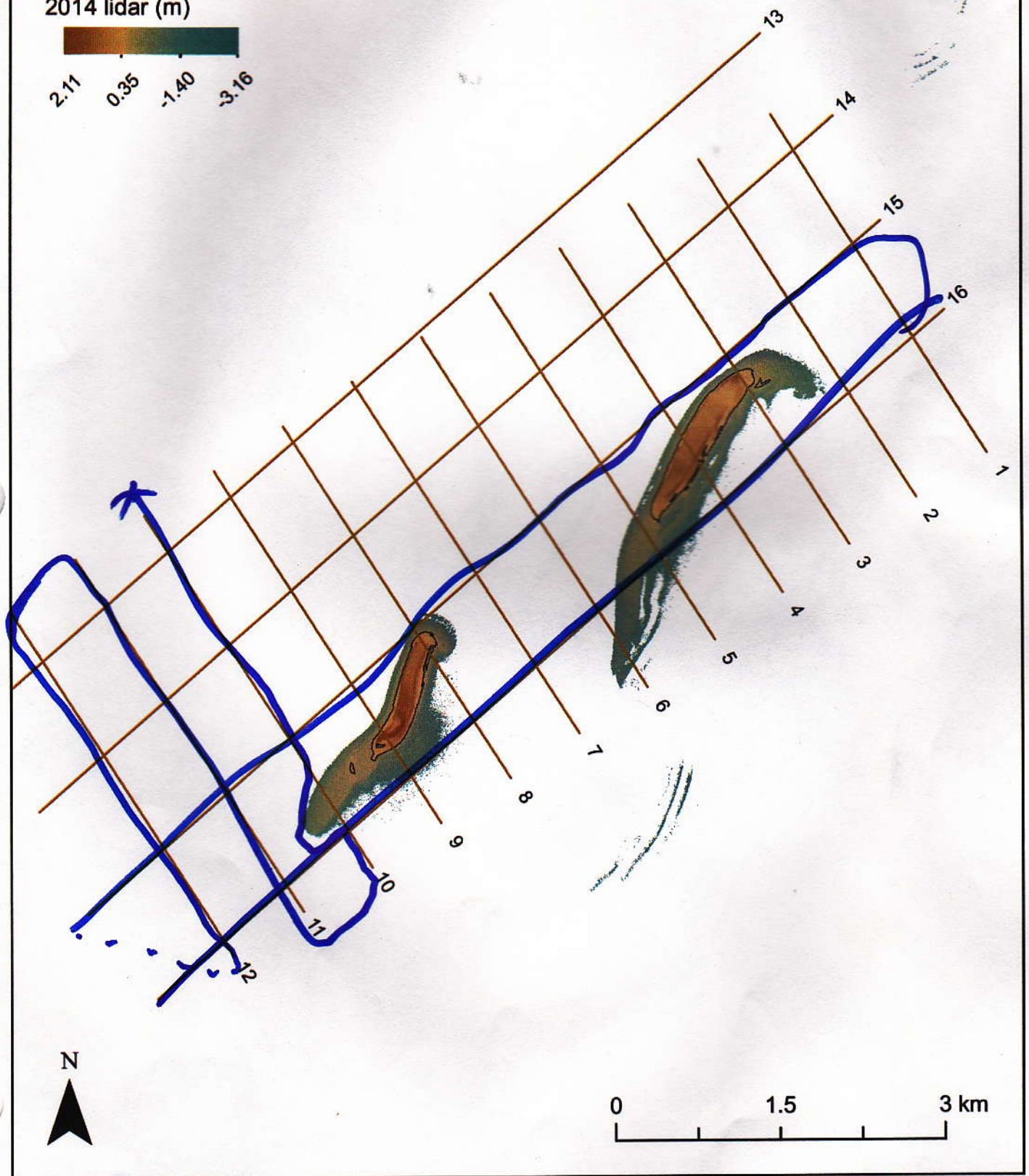
0 1.5 3 km

14BIM03 planned track lines (Wave Runner)

— Priority 4

□ lidar shoreline

2014 lidar (m)



14BIM03 planned track lines (Wave Runner)

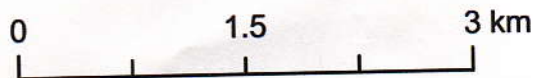
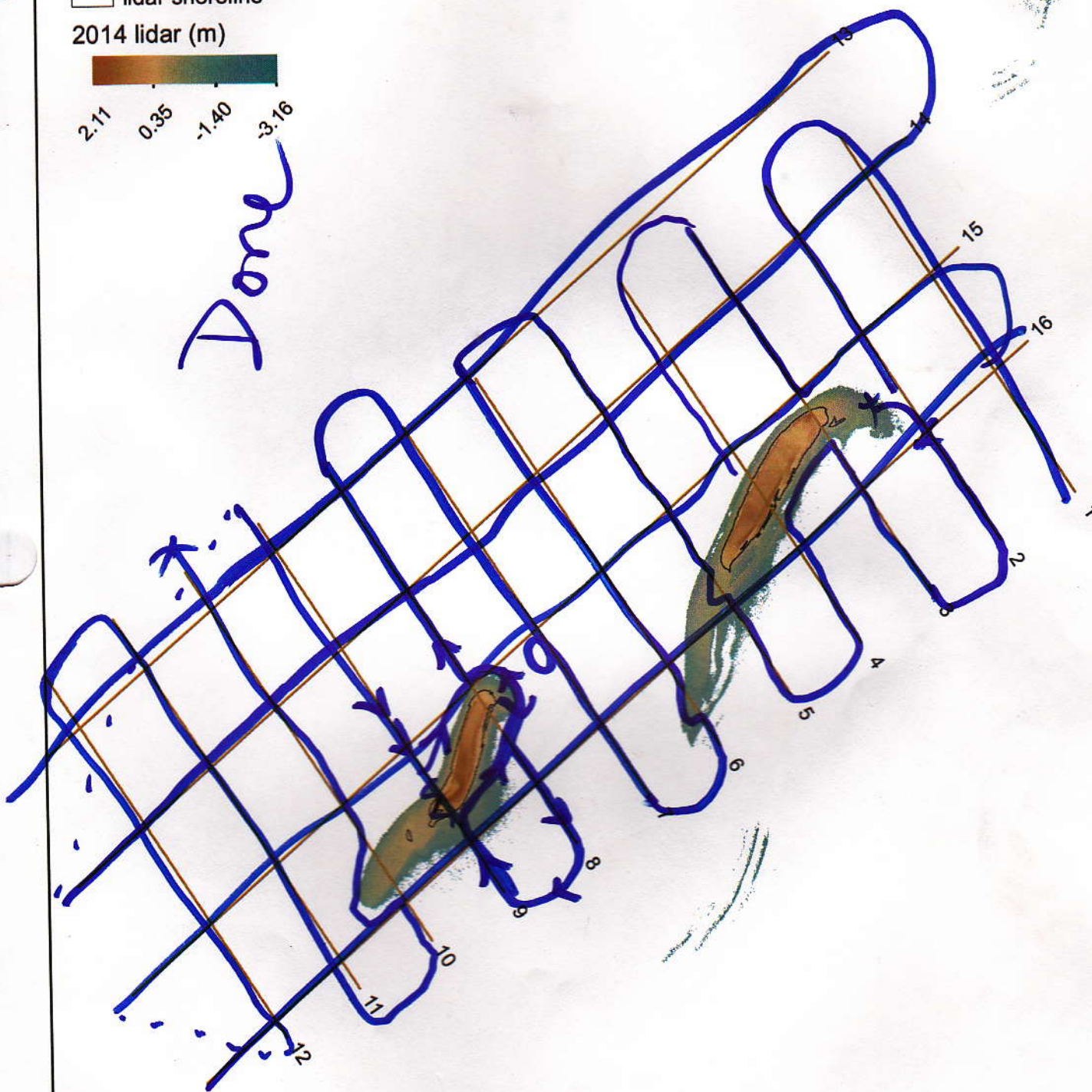
— Priority 4

□ lidar shoreline

2014 lidar (m)



Done

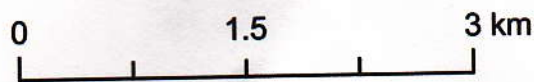
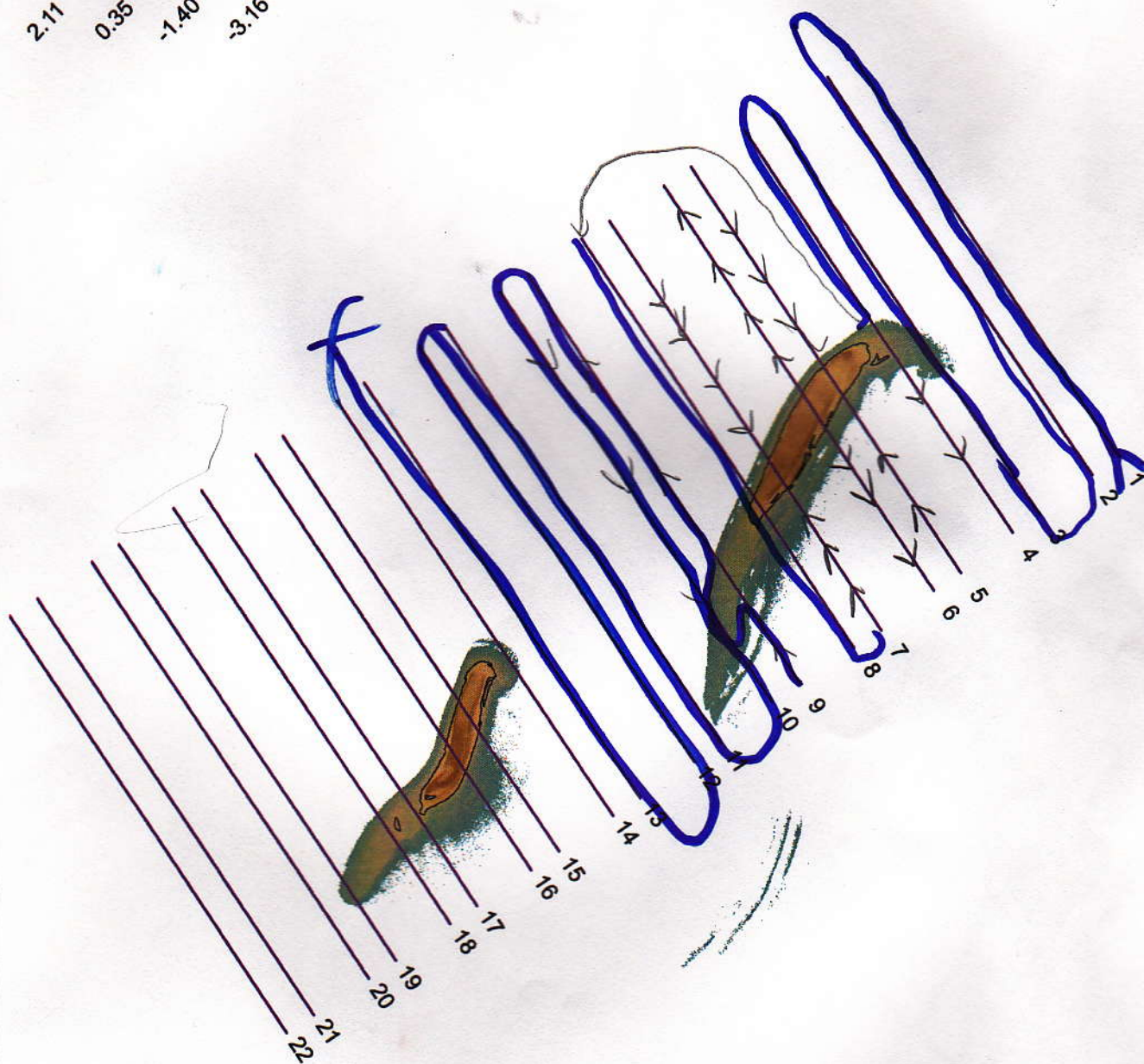


14BIM03 planned track lines (Wave Runner)

— Priority 5

□ lidar shoreline

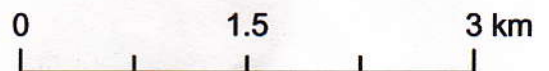
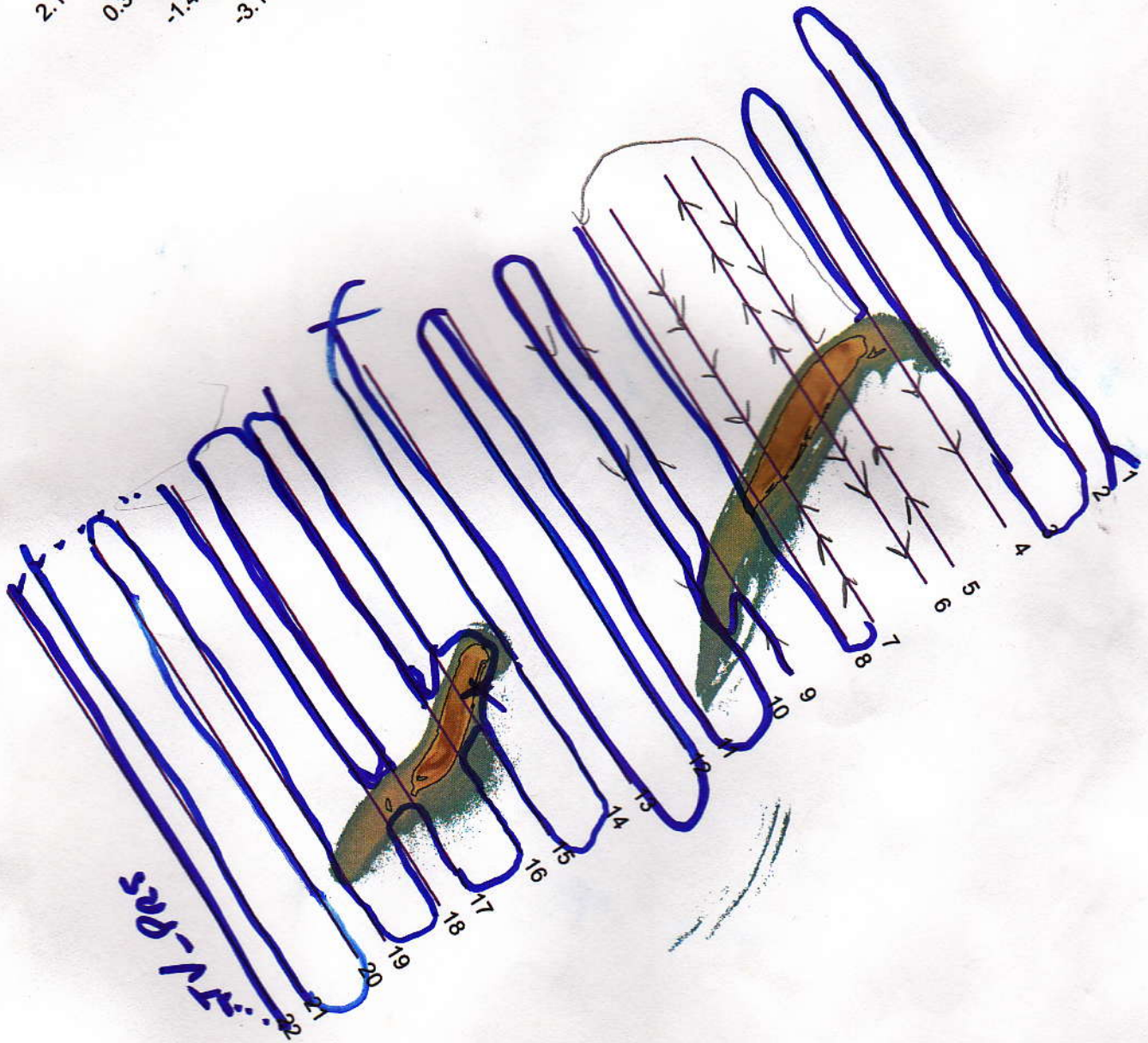
2014 lidar (m)

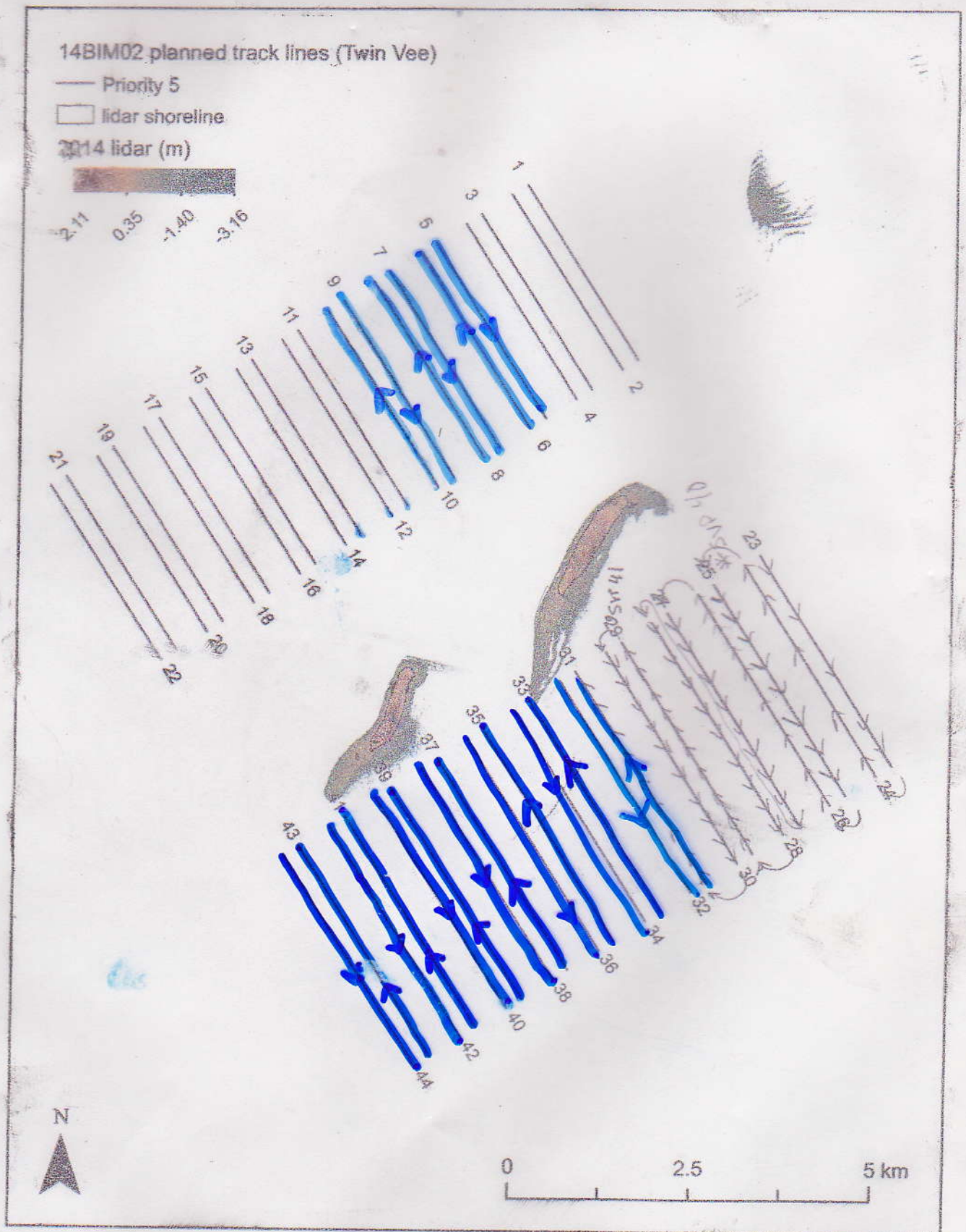


14BIM03 planned track lines (Wave Runner)

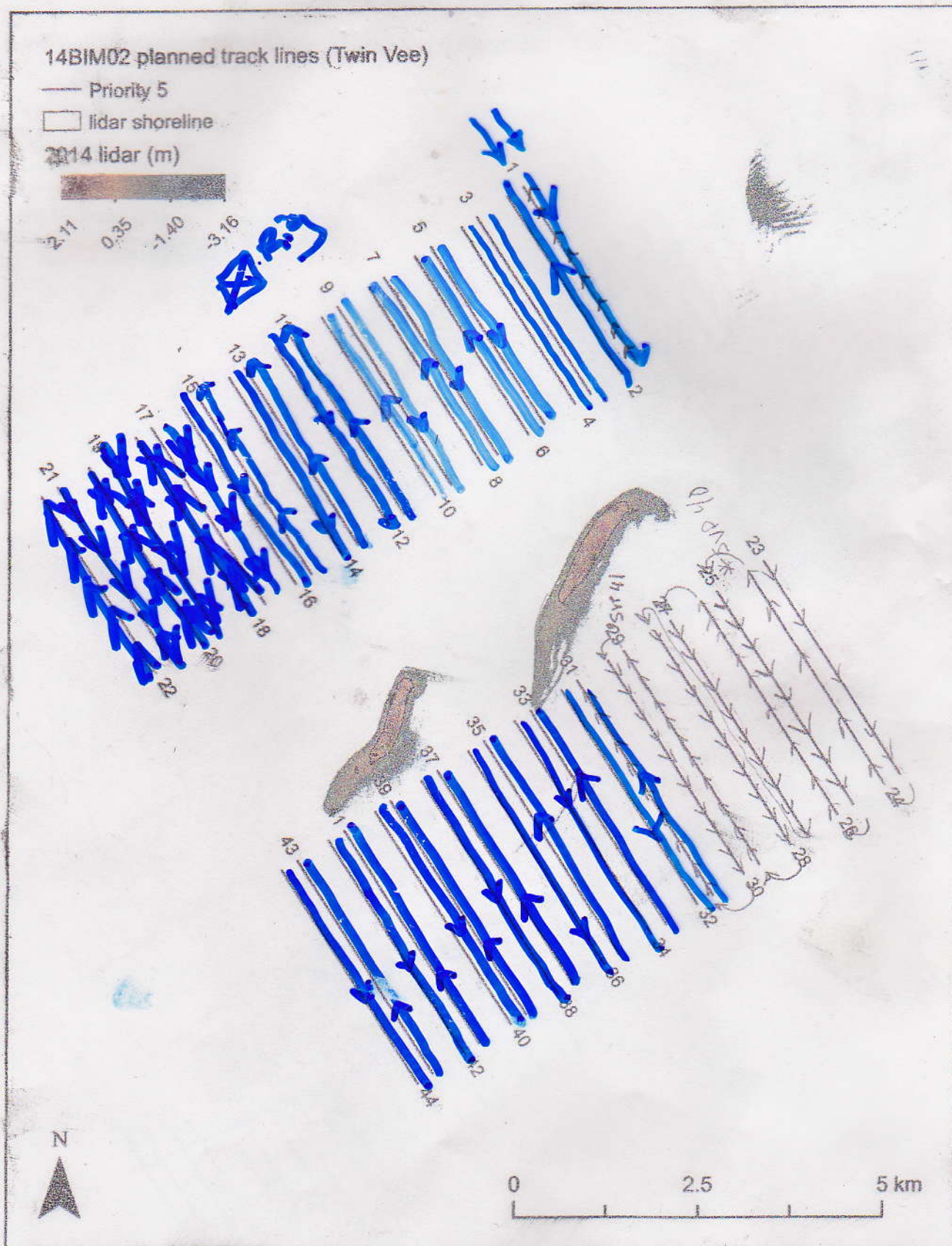
- Priority 5
- lidar shoreline

2014 lidar (m)





write directly on plastic sleeve

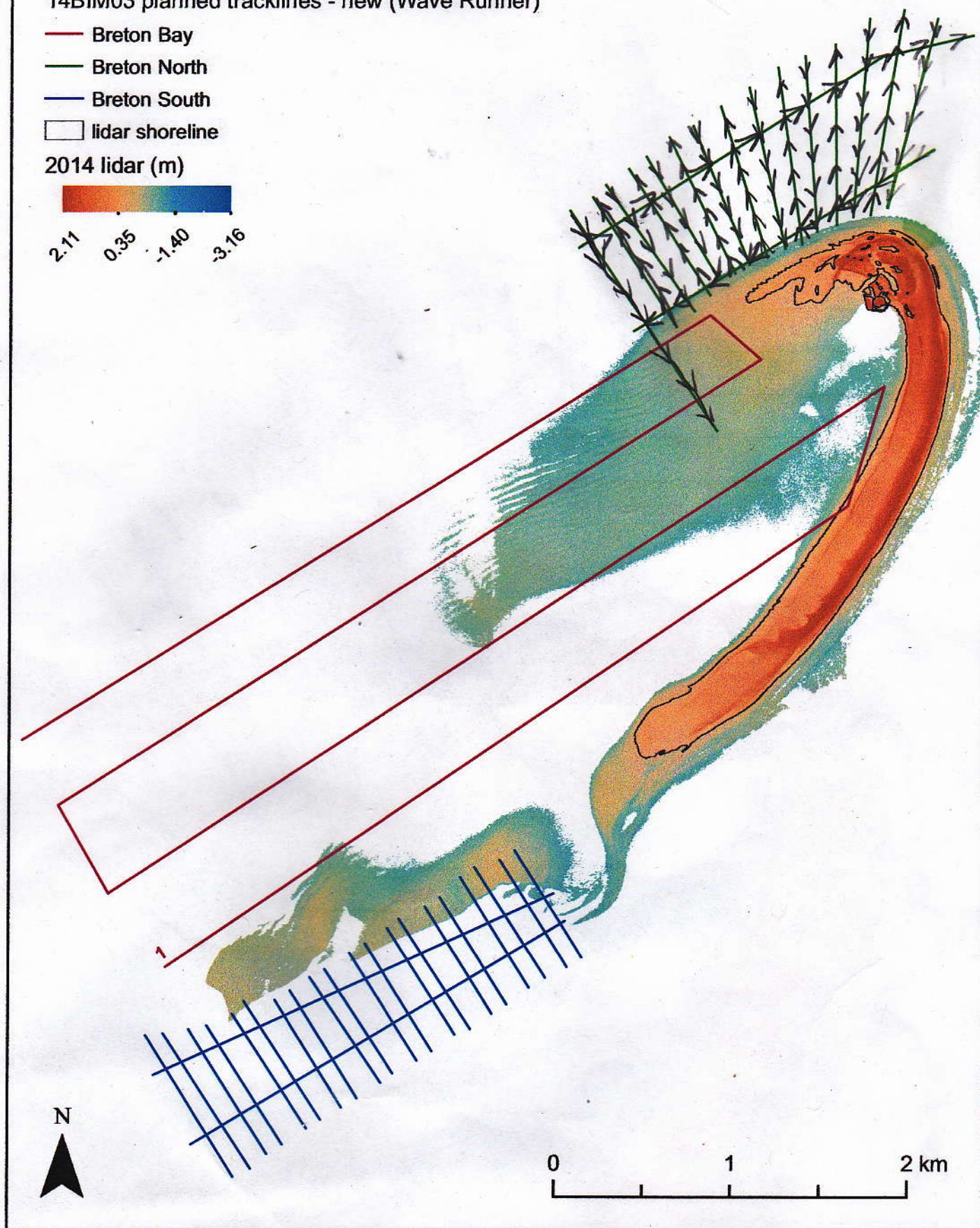


write directly on plastic sleeve

14BIM03 planned tracklines - new (Wave Runner)

- Breton Bay
- Breton North
- Breton South
- lidar shoreline

2014 lidar (m)

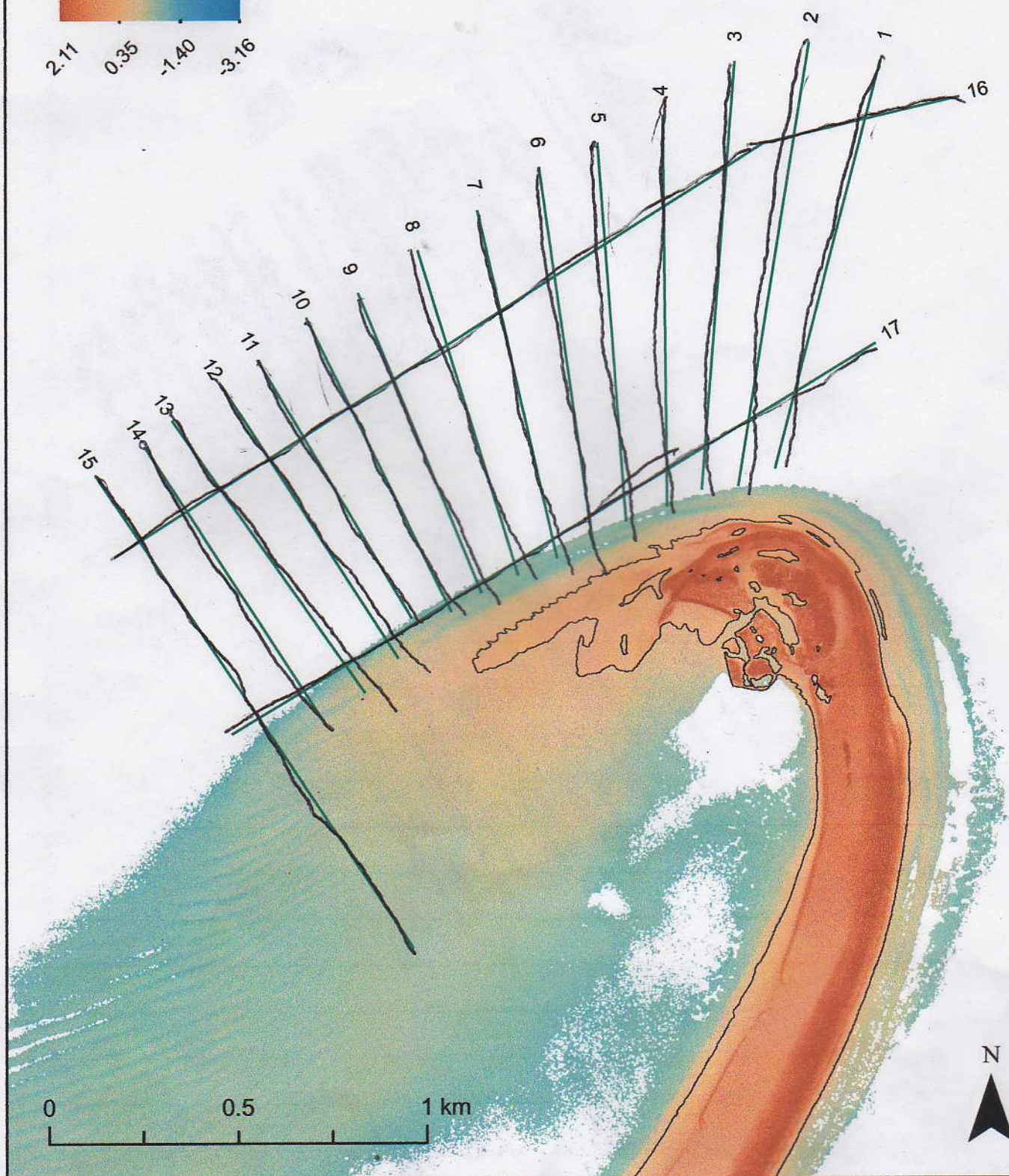


14BIM03 planned tracklines - new (Wave Runner)

— Breton North

□ lidar shoreline

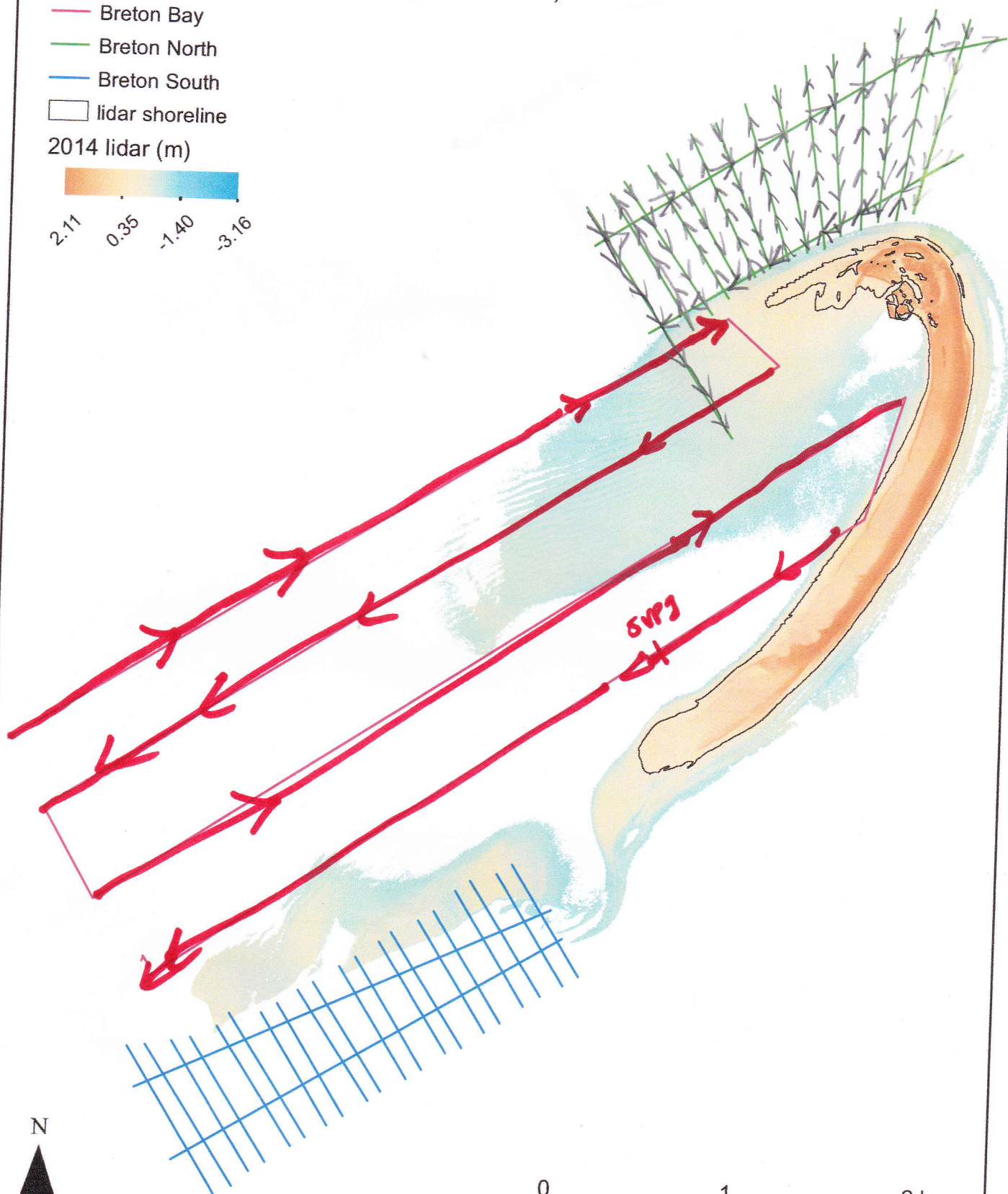
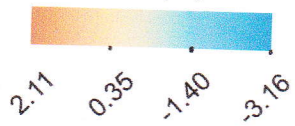
2014 lidar (m)



14BIM03 planned tracklines - new (Wave Runner)

- Breton Bay
- Breton North
- Breton South
- lidar shoreline

2014 lidar (m)

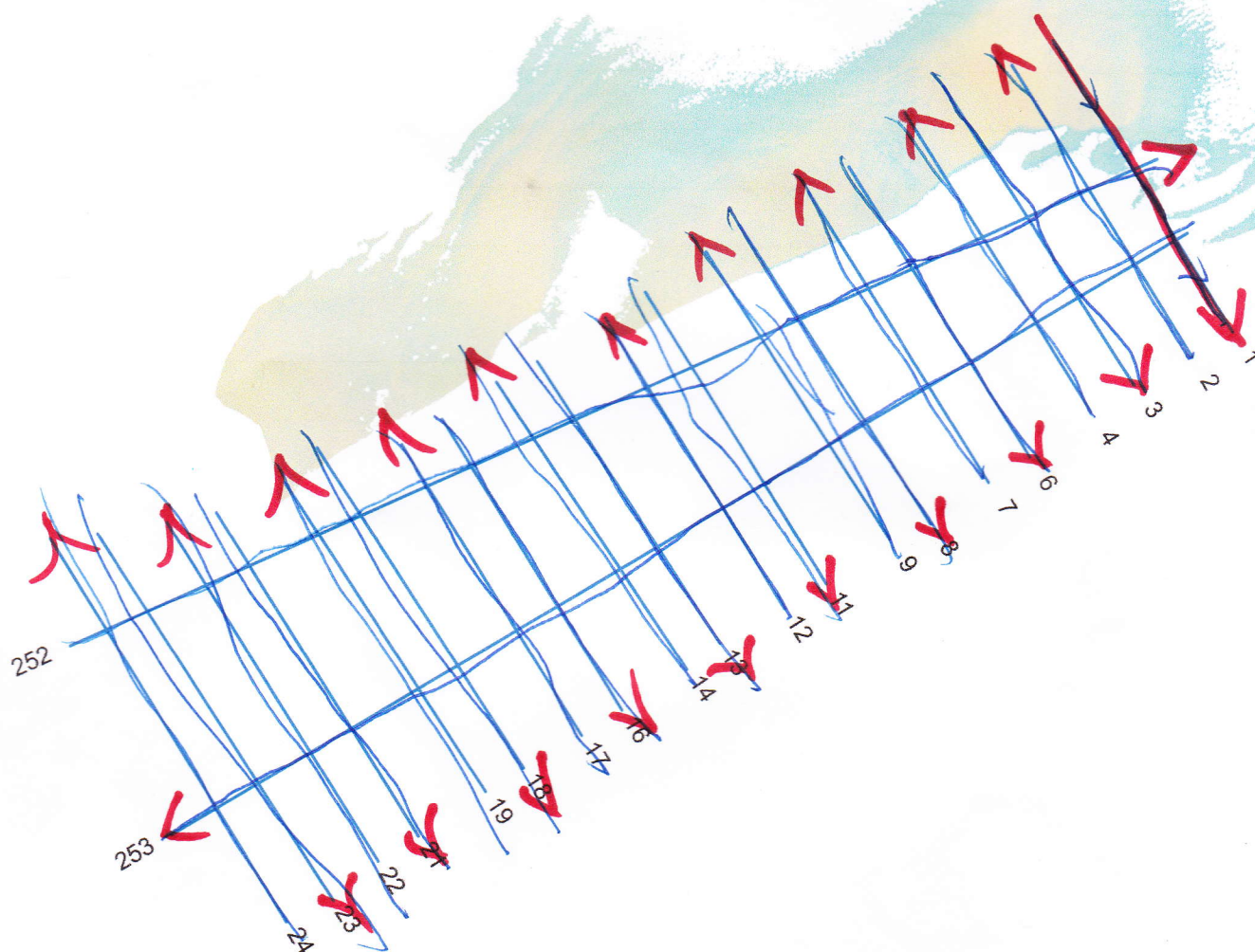
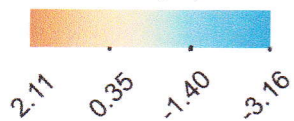


14BIM03 planned tracklines - new (Wave Runner)

— Breton South

□ lidar shoreline

2014 lidar (m)



0 0.5 1 km

