

Natural England Commissioned Report NECR308

Runswick Bay MCZ 2018 Survey Report

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Foreword

Natural England commission a range of reports from external contractors to provide evidence and advice to assist us in delivering our duties. The views in this report are those of the authors and do not necessarily represent those of Natural England.

Background

Following designation, Natural England started a baseline monitoring programme across all marine protected areas.

This report was commissioned as part of an inshore benthic marine survey of the Runswick Bay MCZ.

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Further information

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Runswick Bay MCZ 2018 Survey Report

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1. Introduction

Following the introduction of the Marine and Coastal Access Act in 2009, the UK Government is creating an ecologically coherent network of Marine Conservation Zones (MCZs) in British waters. The MCZ network will exist alongside other Marine Protected Areas (MPAs), including Special Areas of Conservation (SACs), Special Protection Areas (SPAs), Sites of Special Scientific Interest (SSSIs) and Ramsar sites to help conserve marine biodiversity, in particular habitats and species of national importance.

Forming part of this network, the Runswick Bay MCZ was formally designated on the 29th January 2016¹. The site has been created to protect intertidal rock and sand, and a range of subtidal sediment and rock features as well as the Ocean quahog (*Arctica islandica*) as a Species Feature of Conservation Interest (FOCI) (Table 1). Following designation, Natural England* have started a programme of monitoring and the initial datasets gathered will be used, along with all other available information, to assess the condition of the features in the site using Natural England marine condition assessment methodology. The method uses attributes set out in the sites supplementary advice on conservation objectives to form an overall decision about the condition of the features, and this work will inform the assessment of specific attributes. The results from the condition assessment will inform future monitoring planning and management of the site.

1.1 Site Description

The Runswick Bay MCZ boundary lies along a stretch of shoreline to the north-west of Whitby on the Yorkshire Coast, and extends from the mean high-water mark out to three nautical miles (nm), reaching a depth of approximately 30 m (Figure 1). The entire site covers a total surface area of approximately 68 km². There are no overlapping MPAs (Natural England, 2017).

The seabed within the site is composed of a number of rock and sediment features, providing a complex range of habitats which support a high diversity fauna, including hydroids, bryozoans, sponges and crustaceans. In addition, the site provides spawning grounds for a number of fish species (Natural England, 2016).

*inshore Statutory Nature Conservation Body

¹ This report was produced before the Tranche 3 designation announcement on 31st May 2019 and as such all content was correct at the time of writing.

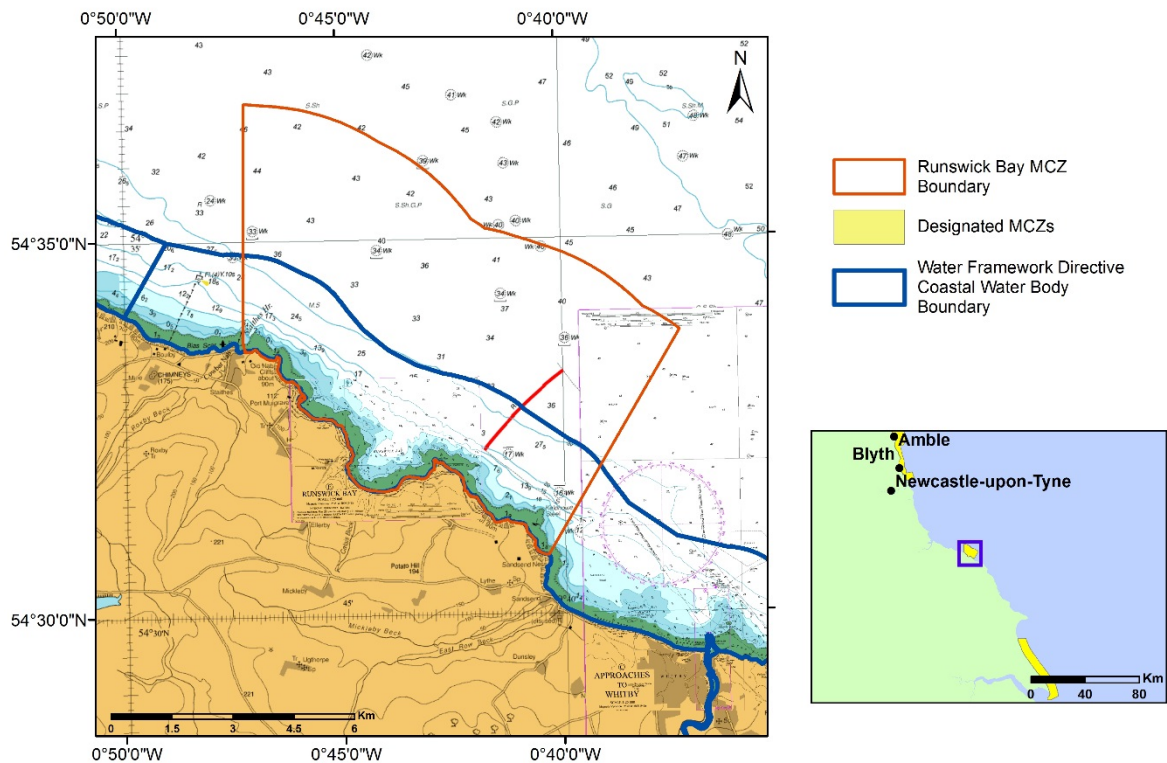


Figure 1. Location of the Runswick Bay MCZ in the context of other MCZs in the North East of England.

The Features of Conservation Importance (FOCI) protected under the MCZ designation order are presented in Table 1, alongside the general management approach for each. The survey described here focuses on those features indicated by blue shading (Table 1).

The current North East Inshore Fisheries Conservation Authority (NEIFCA) management measures for the Runswick Bay MCZ include restrictions on mobile gear: trawling is prohibited under Byelaw 3, dredging is prohibited under Byelaw 23, and fixed engine Byelaw no. 18 currently has depth restrictions depending on the time of year (five or ten metres) (Natural England, 2017 and North Eastern IFCA, 2018). Further information can be found on the NEIFCA website: www.ne-ifca.gov.uk.

Table 1. Designation status and current General Management Approach (GMA) for the Features of Conservation Importance present in the Runswick Bay MCZ. The survey described here focuses on those features indicated by blue shading.

Feature type	Features Present	Designated	GMA
Broadscale Habitat (BSH)	High energy intertidal rock	✓	Maintain
	Intertidal sand and muddy sand	✓	Maintain
	Low energy intertidal rock	✓	Maintain
	Moderate energy circalittoral rock	✓	Maintain
	Moderate energy infralittoral rock	✓	Maintain
	Moderate energy intertidal rock	✓	Maintain
	Subtidal coarse sediment	✓	Maintain
	Subtidal mixed sediments	✓	Maintain
	Subtidal mud	✓	Maintain
Subtidal sand	✓	Maintain	
Species Feature of Conservation Importance	Ocean quahog (<i>Arctica islandica</i>)	✓	Maintain

1.2 Survey Aim and Objectives

To undertake a survey of seven Runswick Bay MCZ designated features (Table 1) to obtain new evidence which can be used by Natural England, alongside all other relevant information, to detect change over time and ascribe condition to inform future monitoring and management measures.

Objective 1:

A grab and DDV survey of designated sediment and rock MCZ features (Table 1) to bolster the evidence base on the presence and extent of subtidal Broadscale Habitats (BSH) within the MCZ.

Objective 2:

Provide incidental point records of the presence of the Species FOCI, Ocean quahog (*Arctica islandica*), within the confines of the survey approach and platform utilised. It should be noted that this is a secondary objective of the survey.

1.3 Survey Team

The Runswick Bay MCZ survey took place between the 11th June and 6th August 2018. The survey team comprised of a collaboration of marine monitoring specialists from the Environment Agency and Natural England. The coastal survey vessel *Humber Guardian*, staffed and operated by Briggs Marine (Figure 2, Annex 7.1), was used to conduct the survey work reported here.



Figure 2. Coastal survey vessel *Humber Guardian*, operated by Briggs Marine.

2. Survey Design and Methods

2.1 Survey Design and Planning Phase

Objective 1A: Sediment Survey Design

A Before-After-Control-Impact (BACI) approach was not considered suitable for the 2018 survey of Runswick Bay MCZ because of the highly dynamic nature of the seabed habitat and lack of comparable habitat outside the MCZ.

The numbers of 0.1m² Mini-Hamon Grab sample stations needed to detect change over time (since the 2013 verification survey) within the 'A5.4 Subtidal mixed sediments', 'A5.3 Subtidal mud' and 'A5.2 Subtidal sand' were determined by power analysis using the 2013 verification survey data for each habitat type (Godsell, 2014). The power analyses indicated that 13 'A5.4 Subtidal mixed sediments' samples, 14 'A5.3 Subtidal mud' samples and 20 'A5.2 Subtidal sand' samples were required to detect a 20% change in the Shannon diversity index with 90% power ($p < 0.05$). The number of stations sampled in 2013 within the 'A5.1 Subtidal coarse sediment' BSH was insufficient for power analysis.

Fifty-three stations were therefore stratified using the 2013 BSH map (Fitzsimmons *et al.*, 2015; Figure 3) with sample numbers determined via power analysis. 28 historical grab stations were also re-sampled across all subtidal sediment features. All the sampling stations were placed inside the MCZ boundary.

Six stations were selected for sediment contaminant sampling (heavy metals, PAHs, PCBs, TBT) using a 0.1 m² Day Grab. The contaminant sample locations targeted the mapped 'A5.3 Subtidal mud' feature.

Objective 1B: Drop Down Video Design

During the 2013 verification survey, 95 Drop Down Video (DDV) stations were surveyed. Challenging weather conditions, poor visibility and the presence of static gear (pots) (Godsell, 2014) resulted in limited data from subtidal infralittoral rock habitat.

For the 2018 survey, this was deemed an important area to focus survey efforts so 26 DDV stations were stratified by the mapped 'A3.2 Moderate energy infralittoral rock' BSH. However, static fishing gear could prevent the collection of samples at the exact station locations shown in Figure 3. In such circumstances, samples were collected as close as possible to the target station coordinates.

For the 'A4.2 Moderate energy circalittoral rock' BSH, power analysis was conducted on the 2013 verification survey DDV data (Godsell, 2014) to determine the number of stations needed to detect change over time. The results indicated that 23 DDV stations would be suitable to detect a 10% change at 90% power based on the Taxa Richness ($p < 0.05$). The DDV station locations were chosen though a combination of 13 stations

stratified by the mapped feature and ten stations which re-sampled historical (2013 survey) stations where the presence of 'A4.2 Moderate energy circalittoral rock' had been verified.

Objective 2- Incidental records of Ocean quahog (*Arctica islandica*)

If any individuals of Ocean quahog were found during the survey, they would be measured and photographed according to standard protocols and released.

Marine specialists from the Environment Agency and Natural England reviewed the plan. The following hazards were identified from the UKHO Admiralty charts: inshore rocky areas, wrecks and underwater obstructions. Advice from the local Inshore Fisheries and Conservation Authority (IFCA) also warned of static fishing gear present in the inshore area. Sampling stations were relocated to avoid these hazards as far as possible. A 'Notification of an exempt activity form' for 'samples and investigations' was submitted to the Marine Management Organisation prior to the survey being carried out.

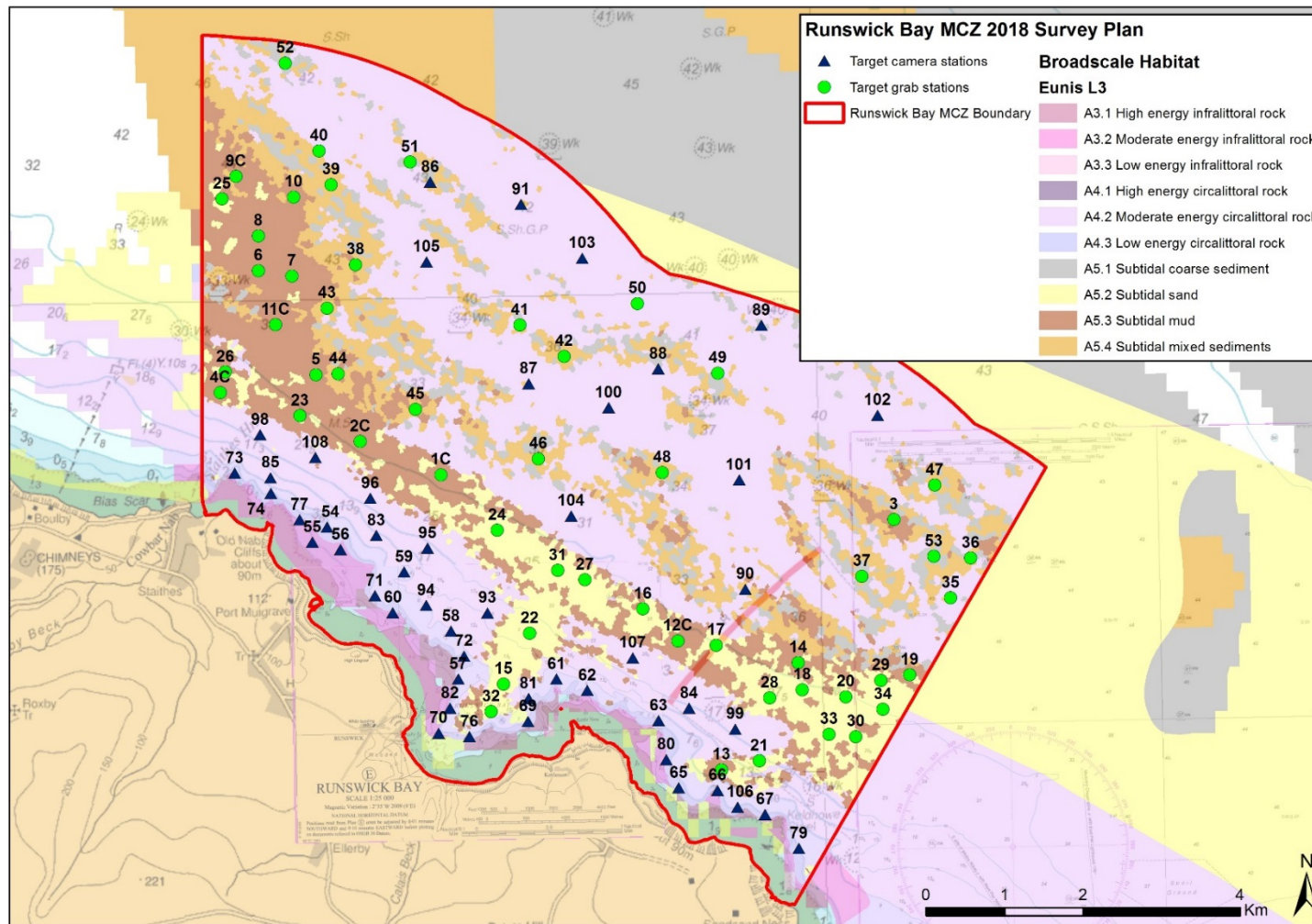


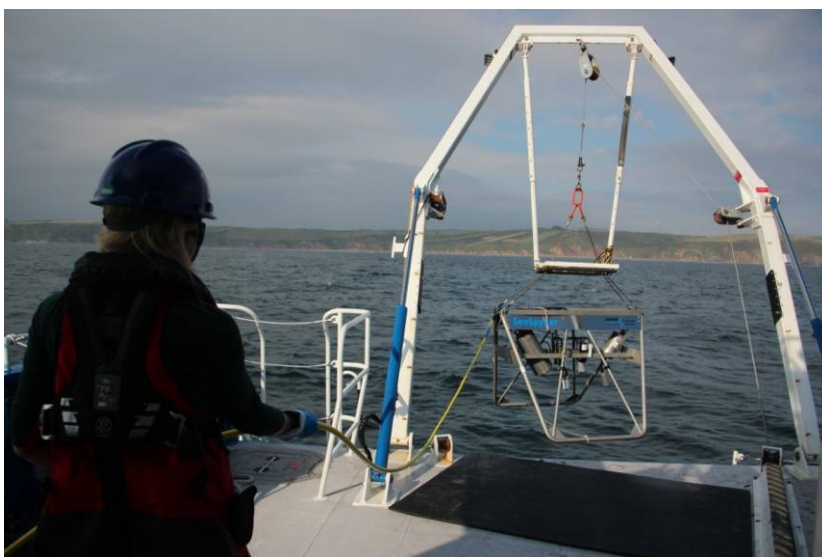
Figure 3. Runswick Bay MCZ Summer 2018 survey plan, mapped over interpreted Broadscale Habitat data from the 2013 verification survey (Natural England, 2018)

2.2 Sample Collection Methodology

2.2.1 Habitat characterisation and in-situ benthic epifauna identification

Drop video camera equipment (Annex 7.2.2 and 7.2.3) was deployed in accordance with the MESH 'recommended operating guidelines (ROG) for underwater video and photographic imaging techniques' (Coggan *et al.*, 2007). The Subsea Technology & Rentals (STR) SeaSpyder camera system was deployed from the stern of the survey vessel, as shown in Figure 4. Real-time navigation data acquisition and manual position fixing when the gear contacted the seabed was captured via Trimble® HYDRO*pro*™ software and logged by the survey officer. The mid-point of the vessel's stern gantry was used as the default offset for position fixing (see Annex 7.2.1 for further details). Video files and digital still images were transmitted via the sea cable to be captured and saved directly to a computer in the survey cabin. The video footage was annotated with time and position using a GPS (SIMRAD MX512 DGPS) referenced video overlay (uncorrected position data). Images of the seabed were captured approximately every 10 to 15 metres over a distance of > 150 metres. Extra photographs were taken in heterogeneous areas of BSH and if particular habitat/species FOCI were observed. If a BSH habitat boundary was detected towards the end of a tow, the camera deployment was extended to confirm the change. The drop frame depth was controlled via a winch operator receiving instructions from the survey cabin. For further deployment details please see the 'EA underwater video procedure_version 2.4' in Annex 7.3.

Figure 4. STR SeaSpyder drop camera system being deployed from the stern of the coastal survey vessel.



During each drop camera deployment, a member of the survey team continuously monitored the real-time video feed, recording general station notes, underwater visibility (Annex 7.4), habitat information and fauna observations. Please see Annex 7.5 for a worked example of the video logsheet.

2.2.2 BROADSCALE HABITAT GROUNDTRUTHING

A Mini-Hamon Grab (Figure 5), with a sampling area of 0.1 m², was deployed from the stern gantry of the vessel to collect sediment from the seabed, as described by Ware and Kenny (2011). Sampling positions were recorded (fixed) using HYDROpro data acquisition software when the gear contacted the seabed, with the mid-point of the vessel's stern gantry being used as the default offset for position fixing (see Annex 7.2.1 for further details).

Once recovered, the sample was emptied into a suitable container, photographed, and the sample volume measured. A minimum of three attempts was made at each station to obtain a valid grab sample before the station was abandoned. A sample volume of 5 litres was required to qualify as a valid sample. Samples of < 5 litres were ordinarily discarded. However, when it was difficult to obtain a valid sample, a sample with < 5 litres of material was retained at the discretion of the lead scientist if it was deemed representative across all attempts made at that station. For valid samples, a small scoop was used to remove a sub-sample (approx. 500 ml) of sediment for particle size analysis (PSA). The remaining sample was washed over a 1 mm sieve to retain the faunal fraction (Figure 5), photographed and preserved with a buffered 4 % formaldehyde solution for transfer ashore to a specialist laboratory for analysis.

If the volume of sediment collected was insufficient for faunal analysis in each grab attempt made at a particular station, a photograph was taken and, if possible, material removed for PSA. The station was then abandoned.

At six stations, additional grabs were collected to retrieve material for contaminant analyses following the methodology detailed in the Environment Agency operational instruction 10_01 (Environment Agency, 2007). Surface scrapes (i.e. the recently deposited sediment) were removed from each grab to a maximum depth of 1 cm (avoiding the anoxic layer). A metal scoop was used to collect material for organic contaminant analyses and a plastic scoop for heavy metals. The remaining material was then discarded. The upper 1 cm was used as this provides a record of the most recent contaminant levels deposited in the sediment. All samples were frozen at -20°C after collection.



Figure 5. Mini-Hamon Grab (left), and equipment for sieving benthic fauna samples (right)

Sediment descriptions were recorded for each sample collected. For consistency across all the MCZ benthic habitat surveys, these were based on a pictorial field guide produced by Cefas marine sedimentologists, a modified Folk seabed sediment classification system (Long, 2006) (Figure 6) and the Wentworth Scale (Table 2).

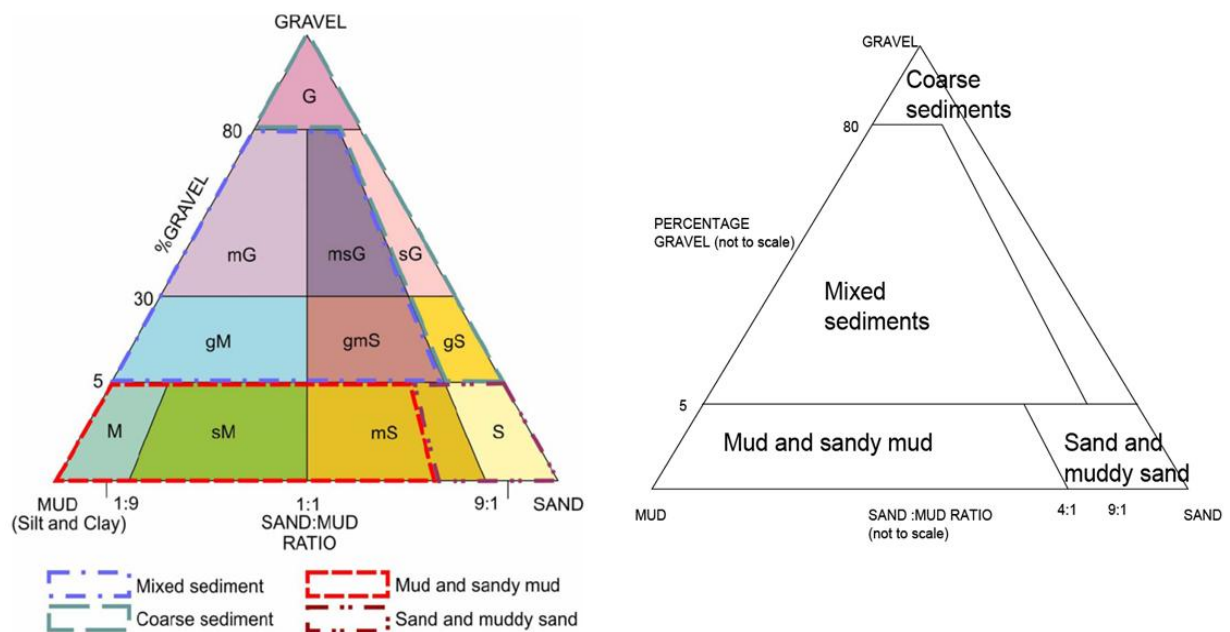


Figure 6. Simplified sediment classification of the Folk triangle for UK SeaMap (Long, 2006).

Table 2. Sediment grade terms and size limits (Wentworth, 1922).

Size	Grade Terms
> 256 mm	Boulder
> 64 - 256 mm	Cobble
4 - 64 mm	Pebble

3. Survey Narrative

Between the 11th and 15th June 2018, the Runswick Bay MCZ grab survey took three 'on-task' days to complete (Table 3). An additional two 'on-task' days on the 5th and 6th August 2018 were dedicated to the collection of underwater imagery using a drop camera system. Daily progress reports for each survey day are available from the Environment Agency on request.

Table 3. Summary of equipment deployments during the 2018 Runswick Bay Marine Conservation Zone survey.

Equipment	Dates	Duration
Mini-Hamon / Day Grab deployments	12 th , 13 th and 15 th June	Three days
Drop camera deployments	5 th and 6 th August	Two days

The survey team travelled to the vessel *Humber Guardian* in Hartlepool Marina on Monday 11th June where survey equipment was prepared for the next few days. The following morning, Tuesday 12th June, the vessel sailed from Hartlepool Marina at 05:20 UTC (Coordinated Universal Time). Shortly after departure, a general safety induction was provided for each new member of the survey team and upon arrival at the survey area, a toolbox talk was held with all personnel in attendance. This included a briefing on the day's survey activities and provided the opportunity to discuss any questions or concerns about the proposed work and the expected conditions. This process was followed for each day of survey operations.

The wind was blowing from the north at force 3 to 4 which left the survey area exposed to moderate northerly seas. However, wave heights were determined to be within safe working limits for operation of the Mini-Hamon Grab and survey work started at 06:55 UTC when the vessel arrived at the north-west corner of the MCZ. Over the course of the next seven hours and 45 minutes grabbing was carried out at 21 stations. Viable samples for infauna analysis were collected at 14 of these and PSA samples at 17. The vessel left the survey area at 14:40 UTC, berthing back in Hartlepool at 17:20 UTC.

By the following morning, Wednesday 13th June, the wind had backed to a westerly or south-westerly direction and reduced to force 2-3. The resultant smooth sea state was ideal to continue grabbing. *Humber Guardian* sailed from Hartlepool at 05:40 UTC, arriving at the survey area at 07:20 UTC. Grabbing operations were conducted for the next 7 hours and 45 minutes. 29 stations were visited and viable infauna samples were collected at 15 of them, and PSA samples at 27. The transit back to Hartlepool took just under two hours and the vessel berthed back in the marina at around 16:55 UTC.

The weather forecast for the following day was for southerly force 4 or 5 winds, increasing 6 to gale 8, occasionally severe gale 9 in north, then veering westerly later. Although it was hoped that an early start would allow survey operations to proceed in

a short weather window before the gale force winds arrived, sailing was cancelled at 04:00 UTC on Thursday 14th June and the survey team were stood down. Winds were generally southerly or south-westerly force 8 or 9 during the morning and strong winds persisted throughout the afternoon.

However, by the next morning much gentler south-westerly force 3 to 4 winds had returned and because the survey area was well-sheltered from residual swell, the sea state quickly became smooth. The vessel sailed from Hartlepool Marina at 05:15 UTC on Friday 15th June and arrived on station at the western edge of the MCZ at 06:50 UTC. The Mini-Hamon Grab was then used to sample at the final three stations within the MCZ. An infaunal sample was collected at one of these, and PSA samples at all three. Once this process had been completed the Mini-Hamon Grab was moved aside and a Day Grab rigged in its place. Six stations within the MCZ were then revisited and the Day Grab was used to collect samples at each for contaminant analysis. All grabbing operations were concluded by 09:45 UTC and *Humber Guardian* returned to Hartlepool, berthing back in the marina at 13:00 UTC. Survey gear and samples were then transferred ashore and the survey team departed. A summary of the samples collected is presented in Section four of this report.

The next phase of work within the Runswick Bay MCZ started in early August when drop camera survey work had been scheduled to coincide with the neap tides which were at their weakest on the 6th of the month. Accordingly, on Saturday 4th August 2018 the Subsea Technology Rentals (STR) Ltd. 'SeaSpyder' drop camera was delivered to *Humber Guardian* in Hartlepool Marina. Around five hours were spent transferring the camera system on board, assembling it, and testing it in the marina.

The following morning, Sunday 5th August, the vessel sailed from Hartlepool at 04:50 UTC and arrived at the survey area at around 06:30 UTC. Weather conditions for the previous few days had been very settled with light winds, and the winds remained south-easterly at just force 1-2 for much of the day. The resultant smooth sea state and the moderate tidal currents created conditions which were ideal for deployment of the underwater camera system.

For the next eight hours, the survey team carried out camera deployments at 27 stations with excellent or good underwater visibility encountered at all of them. These included stations located on the seaward side of the MCZ as well as those on the rock-dominated inshore areas. Ideal survey conditions lasted throughout the day, although at some of the inshore stations it was necessary to manoeuvre around static fishing gear and at times raise the camera system to avoid entanglement. At several of the inshore sites, the presence of steep-sided gullies on the seabed also presented the risk of the camera system becoming caught in crevices or under protruding rocks. However, the camera deployments were all completed without serious incident and the day's survey operations were concluded by 14:40 UTC with the vessel arriving alongside in Hartlepool Marina at 17:00 UTC.

The final day of survey operations within the Runswick Bay MCZ was Monday 6th August. Weather conditions continued to be very favourable with south-westerly force

2-3 winds and a smooth sea state. *Humber Guardian* departed Hartlepool Marina at 06:50 UTC, arriving on station at 08:25 UTC. The remaining 22 camera stations were surveyed over the course of the next six hours, again with good or excellent underwater visibility throughout the survey area. As with the previous day, caution was necessary when deploying the camera system around static fishing gear and rocky formations on the seabed. Camera survey deployments were concluded at 14:20 UTC when the final station had been visited and the vessel subsequently returned to Hartlepool Marina before bunkering and then berthing at 16:25 UTC. The camera system was retained on board the following day to be used within the Holderness Inshore (HLIN) MCZ.

In total, grabbing operations at the 53 Runswick Bay MCZ stations and associated activities took 19 hours and 55 minutes. Camera deployments at 49 stations took a further 14 hours and five minutes, and some 17 hours and 25 minutes were used for transit to and from the survey area.

4. Data Acquisition

4.1 Sample collection summary

Samples collected during the 2018 Runswick Bay MCZ survey are summarised in Table 4.

Table 4. Summary of samples collected during the 2018 Runswick Marine Conservation Zone survey.

Equipment	Data Type	No. of samples
Drop Down Video	Video and still images	50 videos, 843 images
Mini-Hamon Grab	Biota and PSA	30
	PSA only	17
Day Grab	PSA and contaminants	6

Video footage and digital photographs of the seabed were captured to assess the presence and extent of the subtidal Broadscale Habitats at 49 stations within the Runswick Bay MCZ boundary (Figure 7). EUNIS Level 3 Broadscale Habitat classifications and species identifications will be assigned to each station following detailed independent analysis of the usable video footage and stills.

Viable grab samples to assess the relative extent, distribution and community composition of sediment features were successfully recovered from across the survey area. Samples for both infaunal and particle size analyses were collected at 30 stations, using the Mini-Hamon Grab (Figure 7). Contaminants samples were collected at six stations using a Day Grab. At 17 stations, the quantity of sediment collected was only sufficient for PSA. Six stations (RNSB03, 42, 45, 46, 51 and 53) selected for groundtruthing yielded only discards. Definitive classification of habitat features present was not possible prior to the results of the more detailed sample analyses carried out in the laboratory being available.

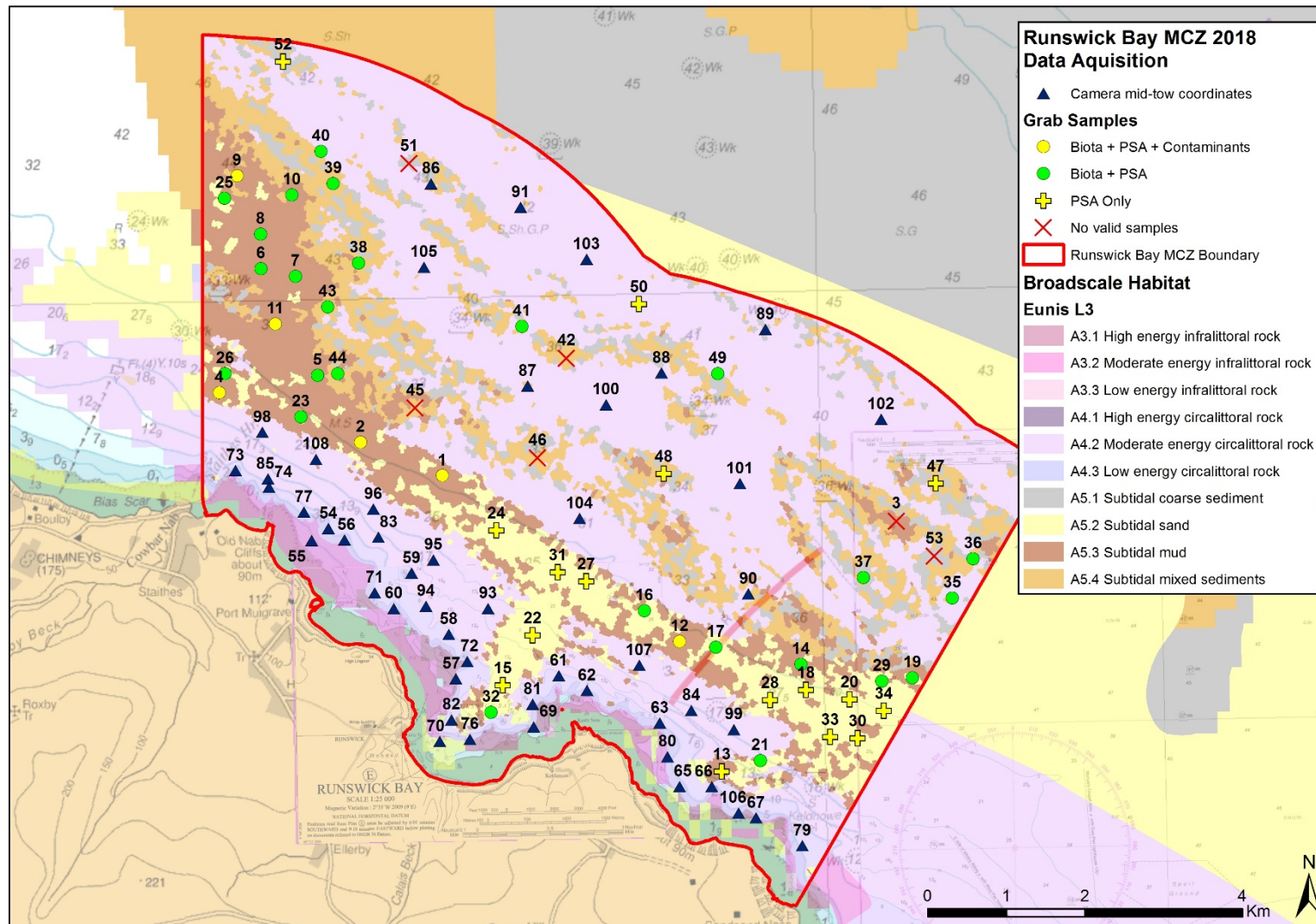


Figure 7. Runswick Bay MCZ Summer 2018 Drop Down Video (DDV) camera and grab survey results, mapped over the interpreted Broadscale Habitat map from the 2013 verification survey (Natural England, 2018)

4.2 Evidence of anthropogenic activity

No evidence of anthropogenic activity was observed during the surveys, however an unidentified object, noted by the survey officer as a potential '*old boiler?*' was observed at station RNSB073.

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6. General List of Abbreviations

BSH	Broadscale Habitat
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CHP	Civil Hydrography Programme
CS	Camera Sledge
CSV	Coastal Survey Vessel
DC	Drop Video Camera
Defra	Department for Environment, Food and Rural Affairs
DG	Day Grab
EA	Environment Agency
ECMAS	Estuarine and Coastal Monitoring & Assessment Service
ENG	Ecological Network Guidance
FOCI	Features Of Conservation Importance
IFCA	Inshore Fisheries and Conservation Authority
MCZ	Marine Conservation Zone
MESH	Mapping European Seabed Habitats
mSNCI	marine Site of Nature Conservation Importance (Sussex IFCA)
PSA	Particle Size Analysis
REC	Regional Environmental Characterisation
rMCZ	recommended Marine Conservation Zone
RSG	Regional Stakeholder Group
SAC	Special Area of Conservation
SAD	Site Assessment Document
SNCB	Statutory Nature Conservation Body
SOP	Standard Operating Procedure
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
UTC	Coordinated Universal Time

7. Annexes

7.1 Coastal Survey Vessel General Information



Briggs Marine and Environmental Services Ltd.
 Seaforth House, Seaforth Place, Burtisland, Fife, KY3 9AX.
 Tel: +44(0)1592 872939
 Email: marketing@briggsmarine.com
 Website: www.briggsmarine.com



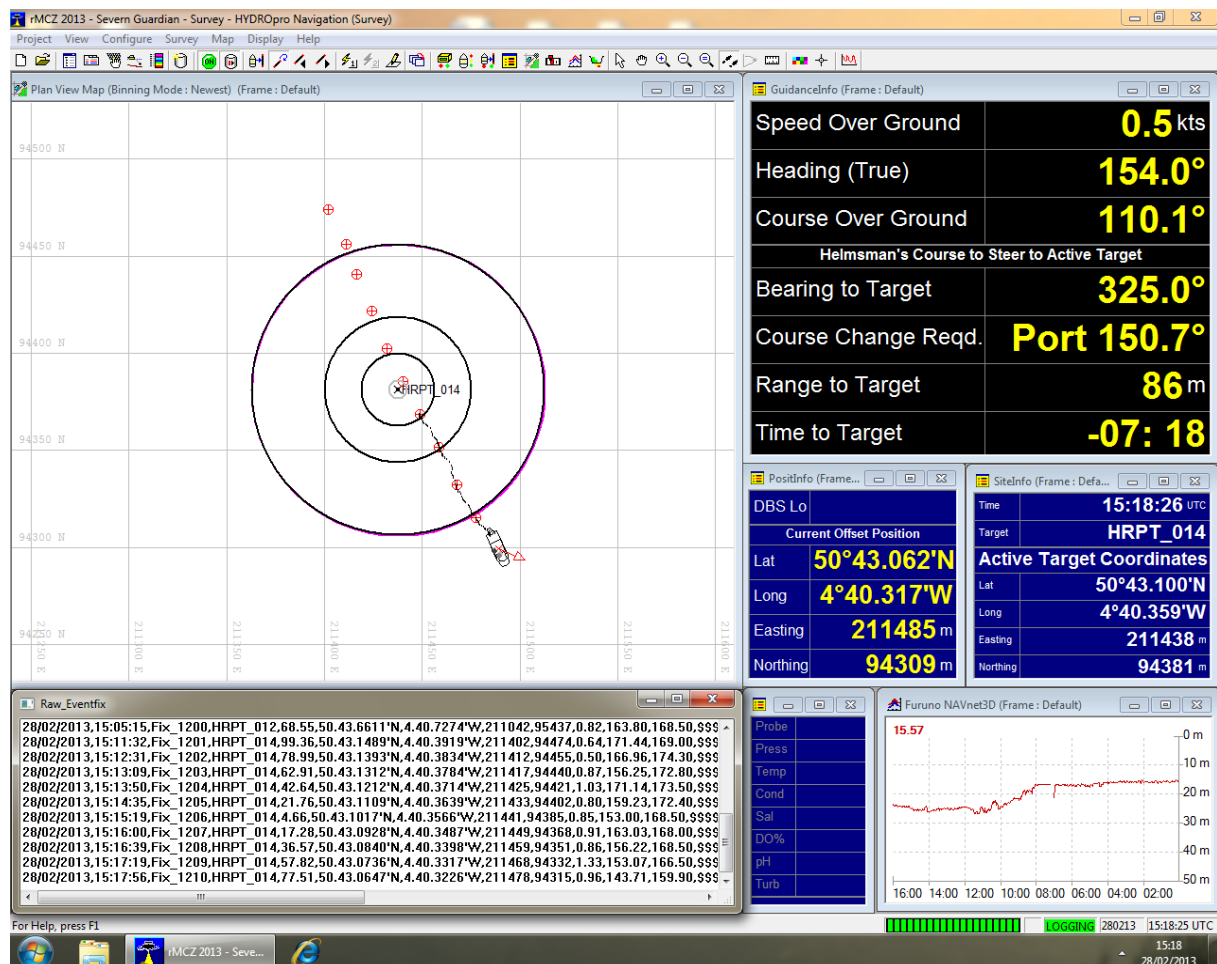
Humber Guardian

General Information	Main Equipment
Length: 18.3 m	Main Engines: 2 x Volvo D9-MH 261 kW @ 2200 rpm. Twin Disc MGX-5075 integral vee-drive
Beam: 6.3 m	Crew: 7
Draft (baseline): 1.15 m	Scientific Officers: Up to 10
Draught (skegs): 2.2 m	Accommodation: 3 x twin cabins and mess
Displacement (light ship): 22 T	Data network to share information around vessel
Displacement (full load): 30 T	Wet lab/bench for processing water, sediment and ecology samples
Service Speed: 16 knots	Fridge/freezer for sample storage
Maximum Speed: 18 knots	Dry lab space for two computers and data processing
	Large aft deck working area
	A frame – 2 T SWL
	Double Independent Drum Trawl Winch – 2 T SWL
	Hydraulic crane

7.2 Survey Equipment

7.2.1 Navigation and Positioning

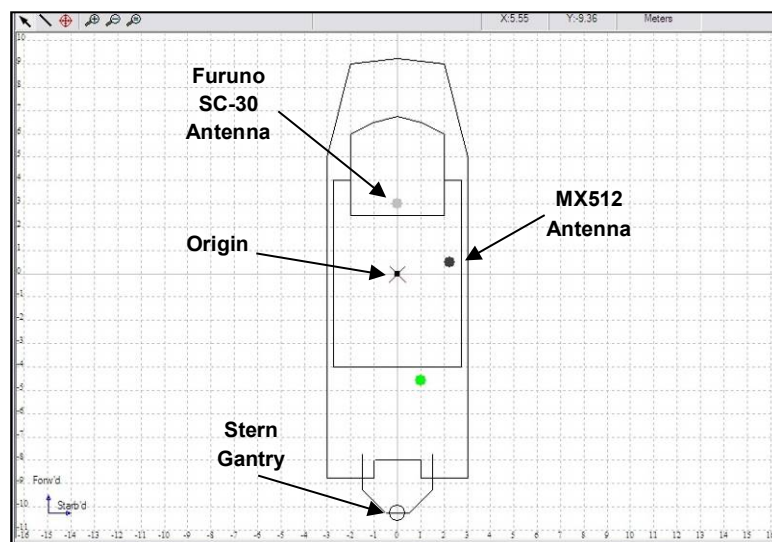
Trimble® HYDRO^{pro}™ software is utilised for real-time navigation and survey data acquisition.



Trimble® HYDRO^{pro}™ software screen grab displaying real-time navigation and survey data acquisition for a MCZ drop camera survey line.

Navigational and survey equipment offsets on the Coastal Survey Vessel *Humber Guardian* (Environment Agency Estuarine and Coastal Monitoring & Assessment Service).

NMEA Device	Make/Model	Offset Name	Offset (m)		
			X (Starb'd)	Y (Forw'd)	Z +ve (Up)
Gyrocompass	Simrad Robertson RGC50	n/a	-	-	-
Navigation Echosounder	Furuno DFF1, 525ST-MSD transducer	n/a	-	-	-
Survey Echosounder	Kongsberg EA400	n/a	-	-	-
Origin	n/a	Origin	0.0	0.0	0.0
Navigation GPS (Secondary)	Furuno SC-30 DGPS	Furuno SC-30 Antenna	0.0	3.0	0.0
Survey GPS (Primary)	SIMRAD MX512 DGPS	MX512 Antenna	2.25	0.5	0.0
n/a	n/a	Sediment Grab (Stern Gantry)	0.0	-10.25	0.0



Trimble® HYDROpro™ vessel editor screen showing survey equipment offsets from the origin (Environment Agency Estuarine and Coastal Monitoring & Assessment Service).

7.2.2 SeaSpyder Drop Camera System



SEASPYDER DROP CAMERA SYSTEM



The SeaSpyder Underwater Drop Camera System is part of a family of field proven camera systems manufactured by STR for the marine survey and environmental communities. The SeaSpyder is ideally suited for operation in shallow-medium water depths with the standard system having a working depth range of 500m. For applications demanding a deeper rating, a "telemetry" model is offered which operates over longer cable lengths for operation down to 1000m. Both models are fitted with a new generation digital SLR Camera offering high resolution digital stills and HD Video for the highest imagery detail. The high specification digital SLR Camera offers an impressive 18.0 mega pixels resolution and both manual and automatic focus for achieving the sharpest images. The captured digital stills are framed with the aid of dedicated real-time video and can be transferred to the topside 'on the fly' for rapid online review.

A 19" rack mount Surface Control Unit and powerful topside processor give full remote control of the camera via the easy to use SeaView GUI software. As standard, the purpose designed camera deployment frame is fitted with a subsea electronics and camera housing, high power underwater flash, an array of four high intensity LED lamps and dual scaling laser pointers to provide accurate imagery scaling. There is the option to install additional sensors with the availability of three user defined serial interfaces with optional power.

SYSTEM FEATURES

- Latest generation 18 Mega Pixels Digital SLR Camera
- Full remote control of camera functions including automatic and manual focus control
- 'On-the-fly' image download
- Real time HD Video
- High Intensity LED Lamps
- Dual lasers for precise imagery scaling
- High speed digital telemetry link to camera and sensors
- Additional user defined RS232 ports and 24VDC power interfaces

SEASPYDER SHALLOW WATER CAMERA SYSTEM

SEASPYDER RACK MOUNT PROCESSOR

Hardware:	Standard 19" Rack Mountable
Processor:	Intel i5 3.1GHz Quad-Core
Memory:	4GB DDR3 RAM
Storage:	500GB hard drive
Interface:	DVD-RW, 2 x 1 GigE, 6 x USB, 4 x RS232
Display:	2 x 22" LED HDMI Monitor
Power:	110/240 VAC, 50 Hz (900W)
Dimensions:	19" 3U rack mountable 550 mm (L) x 485 mm (W) x 132mm (H)

SEASPYDER SEAVIEW SOFTWARE

Key Features:

- Remote control of SeaSpyder Digital Stills Camera
- Digital stills and video capture
- "On-the-fly" Image download
- External overlay functions
- Realtime composite video
- HD video capture
- Remote control of lights, scaling lasers and additional sensors

SEASPYDER SURFACE CONTROL UNIT

ELECTRICAL

Power Input:	85 - 264 VAC (47 - 63 Hz) ≈ 500 W max
Cable Power:	+/- 48VDC Nominal (≈ 400W max.) with built in electrical leakage detector

SIGNAL INTERFACE

Cable Interface #1:	High bandwidth VDSL2
Cable Interface #2:	Differential Colour Composite Video with automatic cable length compensation

MECHANICAL

Dimensions:	19" 2U rack mountable 550 mm (L) 485 mm (W), 88 mm (H)
--------------------	---

SEASPYDER SUBSEA ELECTRONICS

ELECTRICAL

Power Output:	24VDC Output (200 W Max Subsea Power)
Interface:	1 x SeaSpyder Camera & Underwater Flash 4 x 24VDC LED Lamps 2 x RS232 Ports with 24VDC 1 x RS232 Port with 12 VDC/ 24VDC 1 x Dual Scaling Lasers

MECHANICAL

Diameter:	200mm
Length:	409mm
Standard Housing:	Hard Anodised Aluminium
Depth Rating:	500m

SEASPYDER 18 MEGA PIXELS UNDERWATER DIGITAL STILLS CAMERA

ELECTRICAL

Image Size:	JPEG (720 x 480) to (5184 x 3456)
Image Size:	RAW (5184 x 3456)
Video:	Full HD (1920 x 1080)
ISO Sensitivity:	Auto (100 - 6400), 100 - 12800
Sensor Type:	22.3 x 14.9mm CMOS
Aspect Ratio:	3:2
Shutter Speed:	30 - 1/4000 Sec
Interface:	Ethernet

OPTICAL

Standard Lens:	10 - 24mm
Macro Mode:	F/3.5 - 4.5
Zoom:	Fixed
Focus:	Manual & Automatic mode
Angle of View:	≈65° In water
Vertical View:	≈1m ² @ 80cm In water

SEASPYDER COLOUR VIDEO CAMERA

ELECTRICAL

Image Resolution:	600 TV Lines
Video Format:	PAL Composite Colour Video
Sensitivity:	0.01 Lux
Sensor Type:	1/3 Sony Super HAD CCD
Frame Rate:	50 FPS
Video Output:	≈1.3Vpp Into 75Ω

OPTICAL

Lens Type:	3.6 mm Wide Angle
-------------------	-------------------

SEASPYDER HIGH POWER CAMERA FLASH

ELECTRICAL

Control:	TTL control via digital stills camera
Power Input:	Power supply via stills camera

MECHANICAL

Diameter:	150mm
Length:	230mm
Weight in Air:	7.6kg
Weight in Water:	3.54kg
Standard Housing:	Hard Anodised Aluminium
Depth Rating:	3000 m

SEASPYDER 20W LED LIGHT

ELECTRICAL

Lighting:	LED Lamp
Luminous Flux:	1500Lm
Wavelength:	Neutral White
Power Input:	24 VDC @ 1.1 A (Built in thermal protection)

MECHANICAL

Diameter:	70mm
Length:	110mm
Weight in Air:	1kg
Weight in Water:	0.58kg
Standard Housing:	Hard Anodised Aluminium
Depth Rating:	3000m

SEASPYDER DUAL SCALING SUBSEA LASERS

ELECTRICAL

Power Input:	8 V - 30VDC; 60 m A @ 24VDC
---------------------	--------------------------------

LASER

Type:	2 X Class II Safety Classification (<1 milliwatt output)
Beam Shape:	Elliptical (Approx 6 mm Red Dot output)
Beam Divergence:	- 0.75mrad
Wavelength:	650nm
Temperature Range:	-10°C to 40°C

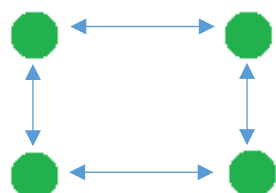
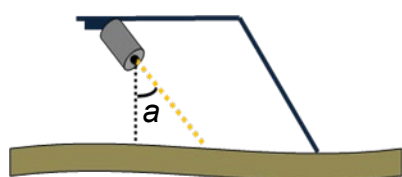
SEASPYDER DROP CAMERA FRAME

MECHANICAL

Length:	2.21m
Width:	1.43m
Height:	1.40m
Weight in Air:	125kg (Inc sensors)

7.2.3 Camera Setup

Survey	
Date	5 th – 6 th August 2018
Manufacturer and Model	STR Sea Spyder
Survey Vessel	Humber Guardian
Separate video/stills camera	Yes – Stills: Canon EOS 700D
Approximate video/stills camera line of sight angle (a)	45
Distance of video/stills camera above seabed	60 cm
Flash unit angle relative to the seabed (approx.)	45
Number of lights (dimnable?)	4 (No)
Distance between horizontal and vertical vertices of FOV scaling laser points	<input type="radio"/> 19cm <input type="radio"/> <input checked="" type="radio"/> 22.5cm <input type="radio"/> 19cm <input type="radio"/> 20cm <input type="radio"/>
Comments	
Camera settings	
Date and Time	Yes
Image quality	Large Normal (5184 x 3456, 24 bit, 72 dpi)
Flash setup	Compulsory (Manually adjusted per-site based on depth/ambient light.)
Shutter speed	1/125 - 1/160
Aperture size	F5.0
ISO setting	AUTO (Generally ISO-400)
White balance	AWB
Light metering mode	Pattern
Focus	Fixed pre-focus



7.3 EA underwater video procedure_version 2.5 (STR Systems)

The procedure outlined below has developed through a series of discussions involving the Environment Agency, Cefas and Natural England. Due to the heterogeneous nature of the inshore coastal seabed habitat, strong tidal streams, various underwater hazards and no dynamic positioning system, a flexible approach is recommended for the underwater video camera deployment. The procedure must be used in accordance with the MESH 'recommended operating guidelines (ROG) for underwater video and photographic imaging techniques' (Coggan *et al.*, 2007).

Important points to remember:

- Select stern gantry offset in HYDROpro
- Synchronise all survey equipment (camera, laptops, etc.) with primary survey GPS time (UTC).
- Ensure the correct date, station code, STN number, time and position are displayed on the video overlay and clapperboard (if used).

Overlay Example:

EA ECMAS_2018-0622

KNMR_GT017_STN_33_A1 (annotate if station has been attempted on a previous occasion)

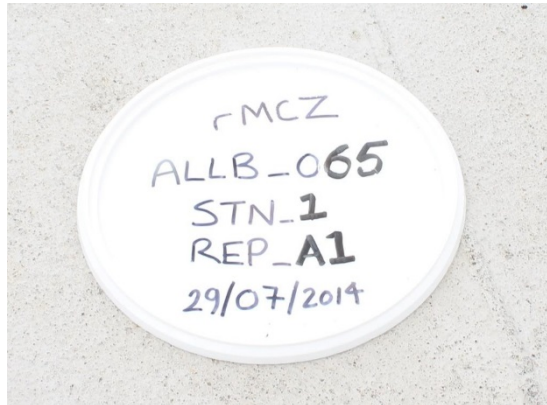
UTC: 083912 (real-time feed from survey GPS)

Lat: 5043.1189N (real-time feed from survey GPS – **uncorrected**)

Lon: 00025.7294W (real-time feed from survey GPS – **uncorrected**)



Clapperboard Example:

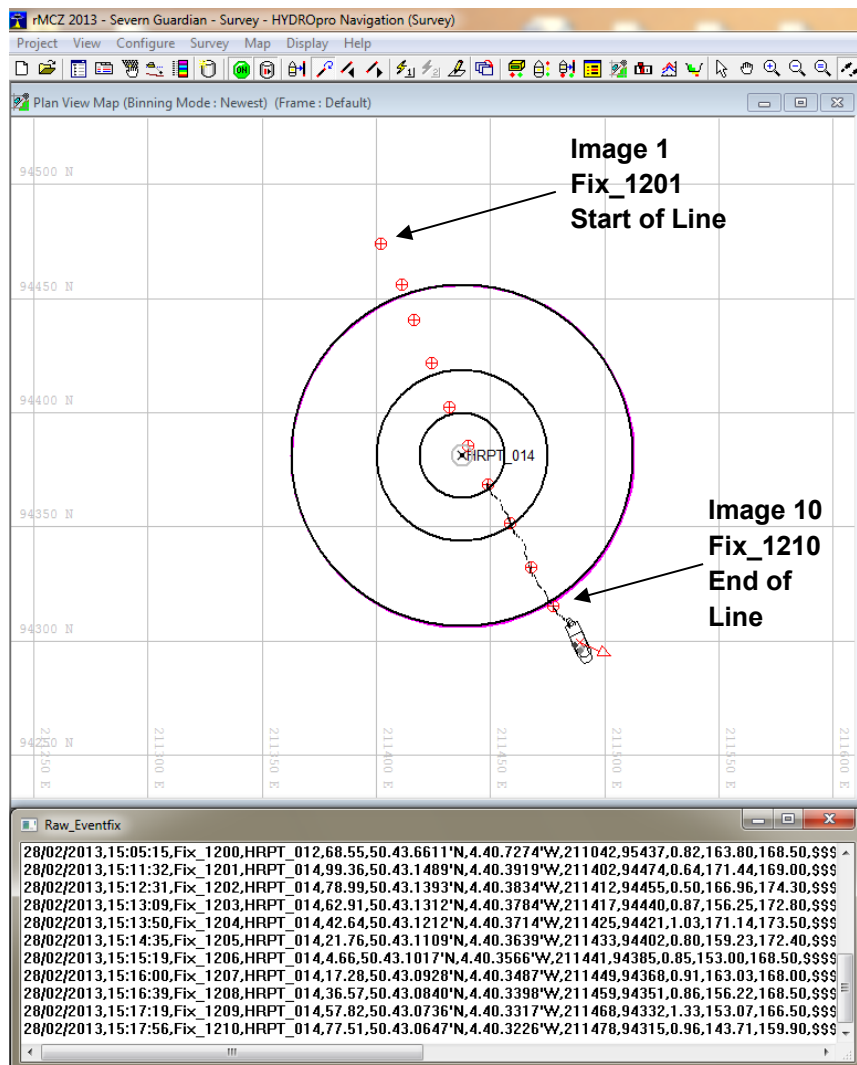


- Alter the stills prefix to the correct station code.



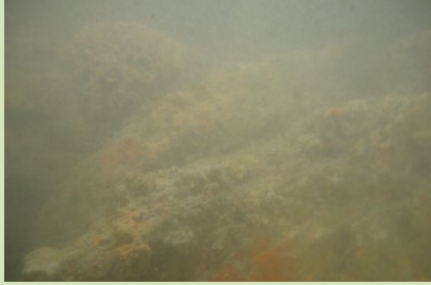




- The field of view scale bar/laser points should be set up/calibrated prior to the survey commencing. Laser pointers are ineffective in moderate/poor visibility conditions; a rope with a visible scale will be required as a replacement.
- Set the image resolution to Large Normal (14.7 Megapixels, 18 sec upload time).
- Check the camera settings are appropriate for the conditions; the LED lights are on if required and ensure the video is recording throughout the deployment.
- If a broadscale habitat (BSH) boundary is detected extend the deployment to gather as much information on habitat extent as possible.
- Take extra stills if habitat/species FOCI are observed – note these in the survey log.
- If possible, work a downhill seabed profile to avoid slack cable during deployment.
- Beware of sudden depth changes when surveying rocky areas.
- Abandon the station if survey conditions are hazardous.

Video Camera Type	Survey Conditions	Deployment
Drop Down	Good visibility SOG <1 knot	*Deploy camera initially working across the HYDROpro 75 m radius target area, as shown in the diagram below. Hover/rest camera above/on the seabed; take a still every 15 m. If tide/wind conditions do not allow a survey line to be followed across the bull ring, use the outer circle as a guide to ensure a distance of 150 m is covered (minimum) nearby.
	Poor visibility SOG >1 knot	Hover/rest camera above/on the seabed, take a still every 15 m. If the visibility is very poor, retrieve the equipment after taking 3-4 stills.



7.4 Underwater Visibility Scale

Example image	Scale	Definition
	Excellent	clear, sharp images - no suspended particulate matter
	Good	seabed features and epifauna clearly discernible
	Moderate	seabed features discernible - epifauna difficult to discern
	Poor	both seabed features and epifauna difficult to discern, low confidence in preliminary habitat assessment
	Very Poor	no seabed features or epifauna visible

7.5 MCZ Video logsheet

MCZ Video Logsheets (v1)



Station data

Contract Code: C5433 Vessel: Solent Guardian Date: 09/04/2016

MCZ Name: Mounts Bay Station Code: MNTB071

Nav-Log filename: SW 2016-0409 SL log Sampling Gear: DC Water Depth: 10.5 m

Cable Out: _____ (metres). Speed Over Ground (SOG): 1.0 (knots)

Notes on Station: _____ Position Reference Point: Stern gantry
(including any times & adjustments to Cable Out)

Sample data

Digital Video Tape label: n/a

Filename on Hard-Drive: MNTB 2GDK70416 GT071 STN 1 A1 153751

No. of camera stills: 14 Stills folder name: GT071 STN 1

	GPS Time hh:mm		Fix No	Position in Lat/Long (WGS84)	DV tape counter	
	Mins	Secs			Mins	Secs
Start of Video (SOV)	15	40	3862	50° 06.3266' N; 5° 32.2924' W	n/a	n/a
End of Video (EOV)	15	45	3875	50° 06.3893' N; 5° 32.2093' W	n/a	n/a

Visual / Video notes: (ground-type, terrain, visibility, species, FOCl, sketch of transect)



Broad-scale habitats observed

Infralittoral Rock	Circalittoral Rock	Sediment habitats	Others
high energy	high energy	subtidal mixed	macrophyte
mod.energy	mod.energy	subtidal coarse	dominated sed's
low energy	low energy	subtidal mud	biogenic reef
		subtidal sand	deep-sea bed

Completed by: K. Arnold

Checked by: N. Godsell

Entered by: K. Arnold

7.6 Video Survey Metadata

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	06:42:17	RNSB086	54.59652	-0.74361	60	5076	SoL	RNSB_2ENC30818_GT086_STN_60_A1_0001_011434.JPG	47.84	0.79
05/08/2018	06:43:22	RNSB086	54.59646	-0.74328	60	5077		RNSB_2ENC30818_GT086_STN_60_A1_0002_011514.JPG	47.58	0.73
05/08/2018	06:43:57	RNSB086	54.59642	-0.74306	60	5078		RNSB_2ENC30818_GT086_STN_60_A1_0003_011556.JPG	47.73	0.71
05/08/2018	06:44:41	RNSB086	54.59638	-0.74287	60	5079			47.91	0.57
05/08/2018	06:45:08	RNSB086	54.59634	-0.74272	60	5080		RNSB_2ENC30818_GT086_STN_60_A1_0004_011627.JPG	47.42	0.61
05/08/2018	06:46:05	RNSB086	54.59627	-0.74248	60	5081		RNSB_2ENC30818_GT086_STN_60_A1_0005_011724.JPG	47.26	0.63
05/08/2018	06:46:57	RNSB086	54.59623	-0.74230	60	5082		RNSB_2ENC30818_GT086_STN_60_A1_0006_011812.JPG	47.34	0.51
05/08/2018	06:47:42	RNSB086	54.59618	-0.74212	60	5083		RNSB_2ENC30818_GT086_STN_60_A1_0007_011901.JPG	47.31	0.52
05/08/2018	06:48:35	RNSB086	54.59612	-0.74192	60	5084		RNSB_2ENC30818_GT086_STN_60_A1_0008_011954.JPG	47.24	0.60
05/08/2018	06:49:16	RNSB086	54.59608	-0.74176	60	5085		RNSB_2ENC30818_GT086_STN_60_A1_0009_012035.JPG	47.33	0.52
05/08/2018	06:49:53	RNSB086	54.59604	-0.74163	60	5086		RNSB_2ENC30818_GT086_STN_60_A1_0010_012112.JPG	47.22	0.54
05/08/2018	06:50:30	RNSB086	54.59599	-0.74150	60	5087		RNSB_2ENC30818_GT086_STN_60_A1_0011_012150.JPG	47.31	0.48
05/08/2018	06:51:33	RNSB086	54.59592	-0.74129	60	5088		RNSB_2ENC30818_GT086_STN_60_A1_0012_012255.JPG	47.07	0.49
05/08/2018	06:52:20	RNSB086	54.59587	-0.74112	60	5089	EoL	RNSB_2ENC30818_GT086_STN_60_A1_0013_012340.JPG	47.34	0.49
05/08/2018	07:04:09	RNSB091	54.59374	-0.72616	61	5090	SoL	RNSB_2ENC30818_GT091_STN_61_A1_0014_013528.JPG	49.25	0.50
05/08/2018	07:05:28	RNSB091	54.59365	-0.72585	61	5091		RNSB_2ENC30818_GT091_STN_61_A1_0015_013648.JPG	49.06	0.57
05/08/2018	07:06:24	RNSB091	54.59358	-0.72561	61	5092		RNSB_2ENC30818_GT091_STN_61_A1_0016_013746.JPG	49.02	0.57
05/08/2018	07:07:15	RNSB091	54.59351	-0.72538	61	5093		RNSB_2ENC30818_GT091_STN_61_A1_0017_013834.JPG	49.13	0.63
05/08/2018	07:08:06	RNSB091	54.59345	-0.72517	61	5094		RNSB_2ENC30818_GT091_STN_61_A1_0018_013926.JPG	49.08	0.58
05/08/2018	07:08:49	RNSB091	54.59340	-0.72497	61	5095		RNSB_2ENC30818_GT091_STN_61_A1_0019_014009.JPG	49.22	0.60
05/08/2018	07:09:48	RNSB091	54.59334	-0.72472	61	5096		RNSB_2ENC30818_GT091_STN_61_A1_0020_014107.JPG	49.10	0.57
05/08/2018	07:10:42	RNSB091	54.59327	-0.72449	61	5097		RNSB_2ENC30818_GT091_STN_61_A1_0021_014200.JPG	49.18	0.65
05/08/2018	07:11:37	RNSB091	54.59319	-0.72424	61	5098		RNSB_2ENC30818_GT091_STN_61_A1_0022_014255.JPG	48.25	0.63
05/08/2018	07:12:14	RNSB091	54.59314	-0.72408	61	5099		RNSB_2ENC30818_GT091_STN_61_A1_0023_014333.JPG	47.79	0.63

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	07:13:05	RNSB091	54.59309	-0.72387	61	5100		RNSB_2ENC30818_GT091_STN_61_A1_0024_014420.JPG	48.79	0.58
05/08/2018	07:14:03	RNSB091	54.59302	-0.72361	61	5101		RNSB_2ENC30818_GT091_STN_61_A1_0025_014521.JPG	48.86	0.59
05/08/2018	07:14:39	RNSB091	54.59297	-0.72346	61	5102		RNSB_2ENC30818_GT091_STN_61_A1_0026_014558.JPG	49.03	0.57
05/08/2018	07:15:40	RNSB091	54.59291	-0.72320	61	5103	EoL	RNSB_2ENC30818_GT091_STN_61_A1_0027_014659.JPG	49.07	0.60
05/08/2018	07:28:52	RNSB103	54.58768	-0.71301	62	5104	SoL	RNSB_2ENC30818_GT103_STN_62_A1_0028_020010.JPG	48.76	0.98
05/08/2018	07:29:24	RNSB103	54.58764	-0.71283	62	5105		RNSB_2ENC30818_GT103_STN_62_A1_0029_020039.JPG	48.74	0.91
05/08/2018	07:30:00	RNSB103	54.58756	-0.71260	62	5106		RNSB_2ENC30818_GT103_STN_62_A1_0030_020119.JPG	48.75	0.82
05/08/2018	07:30:22	RNSB103	54.58753	-0.71252	62	5107		RNSB_2ENC30818_GT103_STN_62_A1_0031_020135.JPG	48.63	0.87
05/08/2018	07:30:46	RNSB103	54.58746	-0.71236	62	5108		RNSB_2ENC30818_GT103_STN_62_A1_0032_020205.JPG	48.66	0.86
05/08/2018	07:31:26	RNSB103	54.58737	-0.71214	62	5109		RNSB_2ENC30818_GT103_STN_62_A1_0033_020245.JPG	48.55	0.87
05/08/2018	07:32:11	RNSB103	54.58728	-0.71189	62	5110		RNSB_2ENC30818_GT103_STN_62_A1_0034_020330.JPG	48.46	0.82
05/08/2018	07:32:51	RNSB103	54.58720	-0.71168	62	5111		RNSB_2ENC30818_GT103_STN_62_A1_0035_020410.JPG	48.22	0.77
05/08/2018	07:33:24	RNSB103	54.58714	-0.71151	62	5112		RNSB_2ENC30818_GT103_STN_62_A1_0036_020442.JPG	48.10	0.74
05/08/2018	07:34:05	RNSB103	54.58706	-0.71130	62	5113		RNSB_2ENC30818_GT103_STN_62_A1_0037_020524.JPG	48.52	0.73
05/08/2018	07:34:47	RNSB103	54.58699	-0.71109	62	5114		RNSB_2ENC30818_GT103_STN_62_A1_0038_020606.JPG	48.24	0.74
05/08/2018	07:36:04	RNSB103	54.58685	-0.71070	62	5115		RNSB_2ENC30818_GT103_STN_62_A1_0039_020722.JPG	48.53	0.76
05/08/2018	07:36:30	RNSB103	54.58680	-0.71056	62	5116	EoL	RNSB_2ENC30818_GT103_STN_62_A1_0040_020749.JPG	48.57	0.74
05/08/2018	07:48:15	RNSB088	54.57476	-0.69916	63	5117	SoL	RNSB_2ENC30818_GT088_STN_63_A1_0041_021926.JPG	43.80	0.93
05/08/2018	07:48:48	RNSB088	54.57466	-0.69893	63	5118		RNSB_2ENC30818_GT088_STN_63_A1_0042_022007.JPG	44.01	0.93
05/08/2018	07:49:25	RNSB088	54.57456	-0.69873	63	5119		RNSB_2ENC30818_GT088_STN_63_A1_0043_022043.JPG	44.04	0.89
05/08/2018	07:49:54	RNSB088	54.57449	-0.69855	63	5120		RNSB_2ENC30818_GT088_STN_63_A1_0044_022113.JPG	43.94	0.90
05/08/2018	07:50:32	RNSB088	54.57440	-0.69834	63	5121		RNSB_2ENC30818_GT088_STN_63_A1_0045_022151.JPG	43.97	0.86
05/08/2018	07:51:09	RNSB088	54.57431	-0.69814	63	5122		RNSB_2ENC30818_GT088_STN_63_A1_0046_022228.JPG	44.11	0.86
05/08/2018	07:51:33	RNSB088	54.57425	-0.69801	63	5123		RNSB_2ENC30818_GT088_STN_63_A1_0047_022252.JPG	44.19	0.80
05/08/2018	07:52:06	RNSB088	54.57418	-0.69783	63	5124		RNSB_2ENC30818_GT088_STN_63_A1_0048_022325.JPG	44.37	0.81
05/08/2018	07:52:41	RNSB088	54.57411	-0.69765	63	5125		RNSB_2ENC30818_GT088_STN_63_A1_0049_022400.JPG	44.29	0.82

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	07:53:27	RNSB088	54.57401	-0.69740	63	5126		RNSB_2ENC30818_GT088_STN_63_A1_0050_022446.JPG	44.58	0.85
05/08/2018	07:53:55	RNSB088	54.57395	-0.69724	63	5127		RNSB_2ENC30818_GT088_STN_63_A1_0051_022514.JPG	44.50	0.83
05/08/2018	07:54:29	RNSB088	54.57389	-0.69705	63	5128		RNSB_2ENC30818_GT088_STN_63_A1_0052_022547.JPG	44.35	0.79
05/08/2018	07:54:52	RNSB088	54.57384	-0.69692	63	5129		RNSB_2ENC30818_GT088_STN_63_A1_0053_022610.JPG	44.44	0.84
05/08/2018	07:55:22	RNSB088	54.57378	-0.69675	63	5130	EoL	RNSB_2ENC30818_GT088_STN_63_A1_0054_022641.JPG	44.52	0.83
05/08/2018	08:06:45	RNSB089	54.57966	-0.67870	64	5131	SoL	RNSB_2ENC30818_GT089_STN_64_A1_0055_023803.JPG	47.80	0.81
05/08/2018	08:07:24	RNSB089	54.57958	-0.67851	64	5132		RNSB_2ENC30818_GT089_STN_64_A1_0056_023839.JPG	48.01	0.80
05/08/2018	08:07:50	RNSB089	54.57952	-0.67835	64	5133		RNSB_2ENC30818_GT089_STN_64_A1_0057_023909.JPG	47.65	0.82
05/08/2018	08:08:17	RNSB089	54.57946	-0.67820	64	5134		RNSB_2ENC30818_GT089_STN_64_A1_0058_023935.JPG	47.66	0.86
05/08/2018	08:08:47	RNSB089	54.57939	-0.67802	64	5135		RNSB_2ENC30818_GT089_STN_64_A1_0059_024006.JPG	47.67	0.89
05/08/2018	08:09:15	RNSB089	54.57932	-0.67786	64	5136		RNSB_2ENC30818_GT089_STN_64_A1_0060_024035.JPG	47.85	0.91
05/08/2018	08:09:47	RNSB089	54.57924	-0.67769	64	5137		RNSB_2ENC30818_GT089_STN_64_A1_0061_024105.JPG	47.75	1.01
05/08/2018	08:10:15	RNSB089	54.57916	-0.67754	64	5138		RNSB_2ENC30818_GT089_STN_64_A1_0062_024132.JPG	47.90	0.94
05/08/2018	08:10:44	RNSB089	54.57909	-0.67738	64	5139		RNSB_2ENC30818_GT089_STN_64_A1_0063_024202.JPG	48.16	0.87
05/08/2018	08:11:21	RNSB089	54.57897	-0.67717	64	5140		RNSB_2ENC30818_GT089_STN_64_A1_0064_024240.JPG	48.08	1.02
05/08/2018	08:11:50	RNSB089	54.57887	-0.67700	64	5141		RNSB_2ENC30818_GT089_STN_64_A1_0065_024309.JPG	47.81	0.98
05/08/2018	08:12:17	RNSB089	54.57878	-0.67686	64	5142		RNSB_2ENC30818_GT089_STN_64_A1_0066_024335.JPG	47.48	0.93
05/08/2018	08:12:57	RNSB089	54.57867	-0.67664	64	5143		RNSB_2ENC30818_GT089_STN_64_A1_0067_024415.JPG	47.59	0.89
05/08/2018	08:13:16	RNSB089	54.57861	-0.67654	64	5144		RNSB_2ENC30818_GT089_STN_64_A1_0068_024435.JPG	47.63	0.92
05/08/2018	08:13:51	RNSB089	54.57852	-0.67635	64	5145		RNSB_2ENC30818_GT089_STN_64_A1_0069_024509.JPG	47.63	0.93
05/08/2018	08:14:24	RNSB089	54.57844	-0.67618	64	5146		RNSB_2ENC30818_GT089_STN_64_A1_0070_024543.JPG	47.66	0.84
05/08/2018	08:14:54	RNSB089	54.57838	-0.67602	64	5147	EoL	RNSB_2ENC30818_GT089_STN_64_A1_0071_024613.JPG	47.50	0.80
05/08/2018	08:24:36	RNSB102	54.56897	-0.65598	65	5148	SoL	RNSB_2ENC30818_GT102_STN_65_A1_0072_025554.JPG	48.87	1.00
05/08/2018	08:25:10	RNSB102	54.56887	-0.65576	65	5149		RNSB_2ENC30818_GT102_STN_65_A1_0073_025630.JPG	48.67	0.96
05/08/2018	08:25:40	RNSB102	54.56879	-0.65560	65	5150		RNSB_2ENC30818_GT102_STN_65_A1_0074_025658.JPG	48.84	0.94
05/08/2018	08:25:59	RNSB102	54.56874	-0.65548	65	5151		RNSB_2ENC30818_GT102_STN_65_A1_0075_025718.JPG	48.58	0.95

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	08:26:34	RNSB102	54.56865	-0.65528	65	5152		RNSB_2ENC30818_GT102_STN_65_A1_0076_025751.JPG	48.81	0.92
05/08/2018	08:26:56	RNSB102	54.56859	-0.65515	65	5153		RNSB_2ENC30818_GT102_STN_65_A1_0077_025815.JPG	48.90	0.91
05/08/2018	08:27:28	RNSB102	54.56851	-0.65497	65	5154		RNSB_2ENC30818_GT102_STN_65_A1_0078_025846.JPG	49.05	0.91
05/08/2018	08:28:05	RNSB102	54.56842	-0.65477	65	5155		RNSB_2ENC30818_GT102_STN_65_A1_0079_025922.JPG	48.99	0.90
05/08/2018	08:28:34	RNSB102	54.56835	-0.65460	65	5156		RNSB_2ENC30818_GT102_STN_65_A1_0080_025952.JPG	49.13	0.89
05/08/2018	08:29:01	RNSB102	54.56828	-0.65443	65	5157		RNSB_2ENC30818_GT102_STN_65_A1_0081_030020.JPG	49.15	0.87
05/08/2018	08:29:28	RNSB102	54.56822	-0.65428	65	5158		RNSB_2ENC30818_GT102_STN_65_A1_0082_030047.JPG	49.13	0.86
05/08/2018	08:29:53	RNSB102	54.56817	-0.65414	65	5159		RNSB_2ENC30818_GT102_STN_65_A1_0083_030111.JPG	49.17	0.91
05/08/2018	08:30:13	RNSB102	54.56812	-0.65401	65	5160	EoL	RNSB_2ENC30818_GT102_STN_65_A1_0084_030132.JPG	49.23	0.91
05/08/2018	08:41:49	RNSB101	54.56196	-0.68337	66	5161	SoL	RNSB_2ENC30818_GT101_STN_66_A1_0085_031307.JPG	46.06	0.91
05/08/2018	08:42:15	RNSB101	54.56187	-0.68324	66	5162		RNSB_2ENC30818_GT101_STN_66_A1_0086_031334.JPG	45.93	0.90
05/08/2018	08:42:41	RNSB101	54.56179	-0.68313	66	5163		RNSB_2ENC30818_GT101_STN_66_A1_0087_031359.JPG	45.82	0.93
05/08/2018	08:43:06	RNSB101	54.56170	-0.68303	66	5164		RNSB_2ENC30818_GT101_STN_66_A1_0088_031424.JPG	45.86	0.90
05/08/2018	08:43:32	RNSB101	54.56161	-0.68292	66	5165		RNSB_2ENC30818_GT101_STN_66_A1_0089_031451.JPG	45.74	0.94
05/08/2018	08:44:03	RNSB101	54.56150	-0.68280	66	5166		RNSB_2ENC30818_GT101_STN_66_A1_0090_031522.JPG	45.87	0.89
05/08/2018	08:44:34	RNSB101	54.56139	-0.68269	66	5167		RNSB_2ENC30818_GT101_STN_66_A1_0091_031552.JPG	45.77	0.96
05/08/2018	08:44:58	RNSB101	54.56131	-0.68259	66	5168		RNSB_2ENC30818_GT101_STN_66_A1_0092_031617.JPG	45.50	0.91
05/08/2018	08:45:28	RNSB101	54.56120	-0.68248	66	5169		RNSB_2ENC30818_GT101_STN_66_A1_0093_031646.JPG	45.03	0.92
05/08/2018	08:46:01	RNSB101	54.56107	-0.68235	66	5170		RNSB_2ENC30818_GT101_STN_66_A1_0094_031720.JPG	45.74	0.97
05/08/2018	08:46:23	RNSB101	54.56100	-0.68227	66	5171		RNSB_2ENC30818_GT101_STN_66_A1_0095_031739.JPG	45.90	0.93
05/08/2018	08:46:44	RNSB101	54.56091	-0.68219	66	5172		RNSB_2ENC30818_GT101_STN_66_A1_0096_031803.JPG	46.19	0.97
05/08/2018	08:47:17	RNSB101	54.56082	-0.68210	66	5173		RNSB_2ENC30818_GT101_STN_66_A1_0097_031825.JPG	45.99	1.08
05/08/2018	08:47:30	RNSB101	54.56073	-0.68201	66	5174		RNSB_2ENC30818_GT101_STN_66_A1_0098_031849.JPG	46.22	0.91
05/08/2018	08:47:49	RNSB101	54.56067	-0.68195	66	5175	EoL	RNSB_2ENC30818_GT101_STN_66_A1_0099_031906.JPG	46.10	0.87
05/08/2018	08:56:25	RNSB090	54.54952	-0.68306	67	5176	SoL	RNSB_2ENC30818_GT090_STN_67_A1_0100_032744.JPG	41.15	1.28
05/08/2018	08:56:59	RNSB090	54.54939	-0.68286	67	5177		RNSB_2ENC30818_GT090_STN_67_A1_0101_032818.JPG	40.83	1.03

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	08:57:28	RNSB090	54.54931	-0.68270	67	5178		RNSB_2ENC30818_GT090_STN_67_A1_0102_032843.JPG	40.66	0.96
05/08/2018	08:57:51	RNSB090	54.54924	-0.68255	67	5179		RNSB_2ENC30818_GT090_STN_67_A1_0103_032910.JPG	40.59	0.94
05/08/2018	08:58:24	RNSB090	54.54916	-0.68238	67	5180		RNSB_2ENC30818_GT090_STN_67_A1_0104_032942.JPG	40.70	0.86
05/08/2018	08:58:51	RNSB090	54.54909	-0.68222	67	5181		RNSB_2ENC30818_GT090_STN_67_A1_0105_033010.JPG	40.72	0.82
05/08/2018	08:59:13	RNSB090	54.54903	-0.68210	67	5182		RNSB_2ENC30818_GT090_STN_67_A1_0106_033031.JPG	40.70	0.89
05/08/2018	08:59:41	RNSB090	54.54896	-0.68196	67	5183		RNSB_2ENC30818_GT090_STN_67_A1_0107_033059.JPG	40.66	0.83
05/08/2018	09:00:00	RNSB090	54.54891	-0.68186	67	5184		RNSB_2ENC30818_GT090_STN_67_A1_0108_033119.JPG	40.52	0.80
05/08/2018	09:00:27	RNSB090	54.54885	-0.68173	67	5185		RNSB_2ENC30818_GT090_STN_67_A1_0109_033145.JPG	40.63	0.81
05/08/2018	09:00:54	RNSB090	54.54878	-0.68158	67	5186		RNSB_2ENC30818_GT090_STN_67_A1_0110_033214.JPG	40.64	0.81
05/08/2018	09:01:21	RNSB090	54.54871	-0.68144	67	5187		RNSB_2ENC30818_GT090_STN_67_A1_0111_033240.JPG	40.58	0.85
05/08/2018	09:01:44	RNSB090	54.54866	-0.68133	67	5188		RNSB_2ENC30818_GT090_STN_67_A1_0112_033303.JPG	40.47	0.89
05/08/2018	09:02:12	RNSB090	54.54859	-0.68119	67	5189		RNSB_2ENC30818_GT090_STN_67_A1_0113_033330.JPG	40.39	0.89
05/08/2018	09:02:40	RNSB090	54.54851	-0.68103	67	5190		RNSB_2ENC30818_GT090_STN_67_A1_0114_033359.JPG	40.54	0.91
05/08/2018	09:03:10	RNSB090	54.54842	-0.68088	67	5191		RNSB_2ENC30818_GT090_STN_67_A1_0115_033428.JPG	40.42	0.91
05/08/2018	09:03:33	RNSB090	54.54837	-0.68076	67	5192		RNSB_2ENC30818_GT090_STN_67_A1_0116_033451.JPG	40.60	0.91
05/08/2018	09:03:58	RNSB090	54.54830	-0.68062	67	5193		RNSB_2ENC30818_GT090_STN_67_A1_0117_033517.JPG	40.60	0.90
05/08/2018	09:04:25	RNSB090	54.54823	-0.68047	67	5194		RNSB_2ENC30818_GT090_STN_67_A1_0118_033544.JPG	40.49	0.92
05/08/2018	09:04:40	RNSB090	54.54818	-0.68039	67	5195		RNSB_2ENC30818_GT090_STN_67_A1_0119_033559.JPG	40.52	0.88
05/08/2018	09:05:02	RNSB090	54.54813	-0.68028	67	5196		RNSB_2ENC30818_GT090_STN_67_A1_0120_033620.JPG	40.28	0.88
05/08/2018	09:05:25	RNSB090	54.54807	-0.68016	67	5197	EoL	RNSB_2ENC30818_GT090_STN_67_A1_0121_033643.JPG	40.53	0.85
05/08/2018	09:15:00	RNSB107	54.54129	-0.70376	68	5198	SoL	RNSB_2ENC30818_GT107_STN_68_A1_0122_034619.JPG	29.48	0.91
05/08/2018	09:15:36	RNSB107	54.54117	-0.70366	68	5199		RNSB_2ENC30818_GT107_STN_68_A1_0123_034654.JPG	29.56	0.75
05/08/2018	09:16:06	RNSB107	54.54109	-0.70355	68	5200		RNSB_2ENC30818_GT107_STN_68_A1_0124_034724.JPG	29.52	0.77
05/08/2018	09:16:36	RNSB107	54.54101	-0.70345	68	5201		RNSB_2ENC30818_GT107_STN_68_A1_0125_034754.JPG	29.75	0.76
05/08/2018	09:17:07	RNSB107	54.54092	-0.70333	68	5202		RNSB_2ENC30818_GT107_STN_68_A1_0126_034826.JPG	29.73	0.76
05/08/2018	09:17:35	RNSB107	54.54085	-0.70322	68	5203		RNSB_2ENC30818_GT107_STN_68_A1_0127_034852.JPG	29.59	0.78

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	09:18:13	RNSB107	54.54076	-0.70306	68	5204		RNSB_2ENC30818_GT107_STN_68_A1_0128_034931.JPG	29.56	0.79
05/08/2018	09:18:31	RNSB107	54.54071	-0.70300	68	5205		RNSB_2ENC30818_GT107_STN_68_A1_0129_034949.JPG	29.33	0.75
05/08/2018	09:18:58	RNSB107	54.54065	-0.70290	68	5206		RNSB_2ENC30818_GT107_STN_68_A1_0130_035016.JPG	29.61	0.61
05/08/2018	09:19:37	RNSB107	54.54057	-0.70274	68	5207		RNSB_2ENC30818_GT107_STN_68_A1_0131_035056.JPG	28.95	0.68
05/08/2018	09:20:10	RNSB107	54.54051	-0.70260	68	5208		RNSB_2ENC30818_GT107_STN_68_A1_0132_035129.JPG	29.22	0.68
05/08/2018	09:20:46	RNSB107	54.54044	-0.70243	68	5209		RNSB_2ENC30818_GT107_STN_68_A1_0133_035205.JPG	29.00	0.72
05/08/2018	09:21:16	RNSB107	54.54038	-0.70229	68	5210		RNSB_2ENC30818_GT107_STN_68_A1_0134_035235.JPG	28.27	0.75
05/08/2018	09:21:43	RNSB107	54.54033	-0.70216	68	5211		RNSB_2ENC30818_GT107_STN_68_A1_0135_035302.JPG	28.35	0.72
05/08/2018	09:22:09	RNSB107	54.54028	-0.70204	68	5212		RNSB_2ENC30818_GT107_STN_68_A1_0136_035327.JPG	28.69	0.74
05/08/2018	09:22:39	RNSB107	54.54021	-0.70189	68	5213	EoL	RNSB_2ENC30818_GT107_STN_68_A1_0137_035359.JPG	28.53	0.75
05/08/2018	09:27:59	RNSB084	54.53623	-0.69433	69	5214	SoL	RNSB_2ENC30818_GT084_STN_69_A1_0138_035915.JPG	26.69	0.97
05/08/2018	09:28:18	RNSB084	54.53618	-0.69423	69	5215		RNSB_2ENC30818_GT084_STN_69_A1_0139_035936.JPG	26.71	0.89
05/08/2018	09:28:55	RNSB084	54.53607	-0.69404	69	5216		RNSB_2ENC30818_GT084_STN_69_A1_0140_040013.JPG	26.63	0.82
05/08/2018	09:29:22	RNSB084	54.53599	-0.69392	69	5217		RNSB_2ENC30818_GT084_STN_69_A1_0141_040041.JPG	26.50	0.92
05/08/2018	09:29:51	RNSB084	54.53590	-0.69378	69	5218		RNSB_2ENC30818_GT084_STN_69_A1_0142_040110.JPG	26.38	0.96
05/08/2018	09:30:17	RNSB084	54.53583	-0.69367	69	5219		RNSB_2ENC30818_GT084_STN_69_A1_0143_040134.JPG	26.40	0.83
05/08/2018	09:30:36	RNSB084	54.53578	-0.69357	69	5220		RNSB_2ENC30818_GT084_STN_69_A1_0144_040154.JPG	26.52	0.81
05/08/2018	09:30:55	RNSB084	54.53574	-0.69349	69	5221		RNSB_2ENC30818_GT084_STN_69_A1_0145_040212.JPG	26.30	0.85
05/08/2018	09:31:17	RNSB084	54.53568	-0.69339	69	5222		RNSB_2ENC30818_GT084_STN_69_A1_0146_040235.JPG	26.43	0.73
05/08/2018	09:31:49	RNSB084	54.53560	-0.69325	69	5223		RNSB_2ENC30818_GT084_STN_69_A1_0147_040308.JPG	26.12	0.76
05/08/2018	09:32:11	RNSB084	54.53555	-0.69315	69	5224		RNSB_2ENC30818_GT084_STN_69_A1_0148_040330.JPG	26.16	0.72
05/08/2018	09:32:43	RNSB084	54.53547	-0.69301	69	5225		RNSB_2ENC30818_GT084_STN_69_A1_0149_040401.JPG	25.91	0.69
05/08/2018	09:33:04	RNSB084	54.53542	-0.69291	69	5226		RNSB_2ENC30818_GT084_STN_69_A1_0150_040423.JPG	25.79	0.86
05/08/2018	09:33:28	RNSB084	54.53536	-0.69280	69	5227		RNSB_2ENC30818_GT084_STN_69_A1_0151_040447.JPG	25.34	0.80
05/08/2018	09:33:41	RNSB084	54.53533	-0.69275	69	5228		RNSB_2ENC30818_GT084_STN_69_A1_0152_040457.JPG	25.29	0.81
05/08/2018	09:34:15	RNSB084	54.53524	-0.69259	69	5229		RNSB_2ENC30818_GT084_STN_69_A1_0153_040533.JPG	25.07	0.79

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	09:34:39	RNSB084	54.53518	-0.69248	69	5230		RNSB_2ENC30818_GT084_STN_69_A1_0154_040558.JPG	25.21	0.75
05/08/2018	09:34:57	RNSB084	54.53513	-0.69240	69	5231		RNSB_2ENC30818_GT084_STN_69_A1_0155_040616.JPG	25.37	0.81
05/08/2018	09:35:15	RNSB084	54.53508	-0.69232	69	5232		RNSB_2ENC30818_GT084_STN_69_A1_0156_040634.JPG	25.26	0.77
05/08/2018	09:35:35	RNSB084	54.53503	-0.69223	69	5233	EoL	RNSB_2ENC30818_GT084_STN_69_A1_0157_040654.JPG	25.22	0.82
05/08/2018	09:42:57	RNSB099	54.53381	-0.68549	70	5234	SoL	RNSB_2ENC30818_GT099_STN_70_A1_0158_041417.JPG	27.31	0.53
05/08/2018	09:43:23	RNSB099	54.53376	-0.68541	70	5235		RNSB_2ENC30818_GT099_STN_70_A1_0159_041443.JPG	27.04	0.52
05/08/2018	09:43:52	RNSB099	54.53370	-0.68533	70	5236		RNSB_2ENC30818_GT099_STN_70_A1_0160_041512.JPG	26.88	0.59
05/08/2018	09:44:19	RNSB099	54.53363	-0.68525	70	5237		RNSB_2ENC30818_GT099_STN_70_A1_0161_041539.JPG	26.86	0.65
05/08/2018	09:44:36	RNSB099	54.53359	-0.68521	70	5238		RNSB_2ENC30818_GT099_STN_70_A1_0162_041556.JPG	26.95	0.72
05/08/2018	09:44:52	RNSB099	54.53355	-0.68517	70	5239		RNSB_2ENC30818_GT099_STN_70_A1_0163_041612.JPG	26.92	0.61
05/08/2018	09:45:27	RNSB099	54.53344	-0.68506	70	5240		RNSB_2ENC30818_GT099_STN_70_A1_0164_041647.JPG	27.11	0.73
05/08/2018	09:45:53	RNSB099	54.53337	-0.68497	70	5241		RNSB_2ENC30818_GT099_STN_70_A1_0165_041713.JPG	27.10	0.81
05/08/2018	09:46:24	RNSB099	54.53328	-0.68485	70	5242		RNSB_2ENC30818_GT099_STN_70_A1_0166_041744.JPG	27.00	0.75
05/08/2018	09:46:58	RNSB099	54.53319	-0.68469	70	5243		RNSB_2ENC30818_GT099_STN_70_A1_0167_041818.JPG	27.08	0.79
05/08/2018	09:47:20	RNSB099	54.53313	-0.68460	70	5244		RNSB_2ENC30818_GT099_STN_70_A1_0168_041840.JPG	27.12	0.82
05/08/2018	09:47:50	RNSB099	54.53306	-0.68449	70	5245		RNSB_2ENC30818_GT099_STN_70_A1_0169_041910.JPG	27.34	0.73
05/08/2018	09:48:20	RNSB099	54.53299	-0.68437	70	5246		RNSB_2ENC30818_GT099_STN_70_A1_0170_041941.JPG	27.14	0.71
05/08/2018	09:48:53	RNSB099	54.53291	-0.68427	70	5247		RNSB_2ENC30818_GT099_STN_70_A1_0171_042013.JPG	27.22	0.60
05/08/2018	09:49:24	RNSB099	54.53284	-0.68419	70	5248		RNSB_2ENC30818_GT099_STN_70_A1_0172_042044.JPG	27.47	0.55
05/08/2018	09:50:23	RNSB099	54.53273	-0.68408	70	5249		RNSB_2ENC30818_GT099_STN_70_A1_0173_042143.JPG	27.63	0.47
05/08/2018	09:51:01	RNSB099	54.53266	-0.68402	70	5250		RNSB_2ENC30818_GT099_STN_70_A1_0174_042221.JPG	27.72	0.42
05/08/2018	09:51:22	RNSB099	54.53262	-0.68399	70	5251		RNSB_2ENC30818_GT099_STN_70_A1_0175_042242.JPG	27.49	0.47
05/08/2018	09:51:47	RNSB099	54.53257	-0.68396	70	5252		RNSB_2ENC30818_GT099_STN_70_A1_0176_042307.JPG	27.58	0.41
05/08/2018	09:52:19	RNSB099	54.53251	-0.68390	70	5253		RNSB_2ENC30818_GT099_STN_70_A1_0177_042339.JPG	27.61	0.50
05/08/2018	09:52:45	RNSB099	54.53246	-0.68385	70	5254		RNSB_2ENC30818_GT099_STN_70_A1_0178_042405.JPG	27.60	0.46
05/08/2018	09:53:14	RNSB099	54.53241	-0.68379	70	5255	EoL	RNSB_2ENC30818_GT099_STN_70_A1_0179_042434.JPG	27.53	0.45

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	09:59:41	RNSB066	54.52666	-0.68889	71	5256	SoL	RNSB_2ENC30818_GT066_STN_71_A1_0180_043057.JPG	12.10	0.19
05/08/2018	10:00:13	RNSB066	54.52665	-0.68894	71	5257		RNSB_2ENC30818_GT066_STN_71_A1_0181_043130.JPG	12.48	0.22
05/08/2018	10:00:44	RNSB066	54.52664	-0.68898	71	5258		RNSB_2ENC30818_GT066_STN_71_A1_0182_043203.JPG	13.62	0.21
05/08/2018	10:01:15	RNSB066	54.52665	-0.68904	71	5259		RNSB_2ENC30818_GT066_STN_71_A1_0183_043233.JPG	13.68	0.23
05/08/2018	10:01:40	RNSB066	54.52665	-0.68909	71	5260		RNSB_2ENC30818_GT066_STN_71_A1_0184_043259.JPG	13.34	0.28
05/08/2018	10:02:24	RNSB066	54.52667	-0.68916	71	5261		RNSB_2ENC30818_GT066_STN_71_A1_0185_043341.JPG	13.28	0.23
05/08/2018	10:03:06	RNSB066	54.52670	-0.68923	71	5262		RNSB_2ENC30818_GT066_STN_71_A1_0186_043424.JPG	13.87	0.21
05/08/2018	10:03:19	RNSB066	54.52671	-0.68926	71	5263		RNSB_2ENC30818_GT066_STN_71_A1_0187_043436.JPG	14.02	0.25
05/08/2018	10:03:45	RNSB066	54.52673	-0.68930	71	5264		RNSB_2ENC30818_GT066_STN_71_A1_0188_043504.JPG	13.92	0.27
05/08/2018	10:04:40	RNSB066	54.52676	-0.68940	71	5265		RNSB_2ENC30818_GT066_STN_71_A1_0189_043559.JPG	14.18	0.33
05/08/2018	10:05:41	RNSB066	54.52681	-0.68951	71	5266		RNSB_2ENC30818_GT066_STN_71_A1_0190_043659.JPG	13.93	0.35
05/08/2018	10:06:20	RNSB066	54.52685	-0.68959	71	5267		RNSB_2ENC30818_GT066_STN_71_A1_0191_043739.JPG	13.87	0.35
05/08/2018	10:07:07	RNSB066	54.52690	-0.68967	71	5268		RNSB_2ENC30818_GT066_STN_71_A1_0192_043826.JPG	13.53	0.30
05/08/2018	10:08:43	RNSB066	54.52692	-0.68987	71	5269		RNSB_2ENC30818_GT066_STN_71_A1_0193_044002.JPG	14.25	0.64
05/08/2018	10:10:29	RNSB066	54.52691	-0.69061	71	5270		RNSB_2ENC30818_GT066_STN_71_A1_0194_044147.JPG	14.36	0.74
05/08/2018	10:11:00	RNSB066	54.52698	-0.69072	71	5271		RNSB_2ENC30818_GT066_STN_71_A1_0195_044220.JPG	14.59	0.77
05/08/2018	10:11:42	RNSB066	54.52711	-0.69087	71	5272		RNSB_2ENC30818_GT066_STN_71_A1_0196_044300.JPG	14.68	0.92
05/08/2018	10:12:04	RNSB066	54.52718	-0.69096	71	5273		RNSB_2ENC30818_GT066_STN_71_A1_0197_044322.JPG	14.59	0.87
05/08/2018	10:12:28	RNSB066	54.52724	-0.69105	71	5274		RNSB_2ENC30818_GT066_STN_71_A1_0198_044347.JPG	14.50	0.69
05/08/2018	10:12:55	RNSB066	54.52731	-0.69114	71	5275		RNSB_2ENC30818_GT066_STN_71_A1_0199_044413.JPG	14.45	0.61
05/08/2018	10:13:27	RNSB066	54.52737	-0.69124	71	5276	EoL	RNSB_2ENC30818_GT066_STN_71_A1_0200_044446.JPG	14.47	0.59
05/08/2018	10:17:23	RNSB065	54.52636	-0.69439	72	5277	SoL	RNSB_2ENC30818_GT065_STN_72_A1_0201_044843.JPG	9.95	0.56
05/08/2018	10:17:56	RNSB065	54.52635	-0.69451	72	5278		RNSB_2ENC30818_GT065_STN_72_A1_0202_044916.JPG	9.84	0.46
05/08/2018	10:18:30	RNSB065	54.52636	-0.69462	72	5279		RNSB_2ENC30818_GT065_STN_72_A1_0203_044950.JPG	9.67	0.39
05/08/2018	10:19:08	RNSB065	54.52637	-0.69473	72	5280		RNSB_2ENC30818_GT065_STN_72_A1_0204_045028.JPG	9.77	0.30
05/08/2018	10:19:45	RNSB065	54.52639	-0.69483	72	5281		RNSB_2ENC30818_GT065_STN_72_A1_0205_045105.JPG	9.58	0.33

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	10:20:32	RNSB065	54.52642	-0.69494	72	5282		RNSB_2ENC30818_GT065_STN_72_A1_0206_045152.JPG	9.48	0.34
05/08/2018	10:21:22	RNSB065	54.52647	-0.69505	72	5283		RNSB_2ENC30818_GT065_STN_72_A1_0207_045243.JPG	9.54	0.38
05/08/2018	10:22:27	RNSB065	54.52654	-0.69518	72	5284		RNSB_2ENC30818_GT065_STN_72_A1_0208_045347.JPG	9.68	0.33
05/08/2018	10:23:04	RNSB065	54.52658	-0.69525	72	5285		RNSB_2ENC30818_GT065_STN_72_A1_0209_045424.JPG	9.59	0.37
05/08/2018	10:23:36	RNSB065	54.52663	-0.69533	72	5286		RNSB_2ENC30818_GT065_STN_72_A1_0210_045456.JPG	9.53	0.46
05/08/2018	10:24:10	RNSB065	54.52670	-0.69542	72	5287		RNSB_2ENC30818_GT065_STN_72_A1_0211_045529.JPG	9.57	0.53
05/08/2018	10:25:10	RNSB065	54.52680	-0.69558	72	5288		RNSB_2ENC30818_GT065_STN_72_A1_0212_045630.JPG	9.52	0.48
05/08/2018	10:25:49	RNSB065	54.52686	-0.69566	72	5289		RNSB_2ENC30818_GT065_STN_72_A1_0213_045709.JPG	9.76	0.41
05/08/2018	10:26:34	RNSB065	54.52694	-0.69576	72	5290		RNSB_2ENC30818_GT065_STN_72_A1_0214_045754.JPG	10.07	0.47
05/08/2018	10:27:06	RNSB065	54.52700	-0.69583	72	5291		RNSB_2ENC30818_GT065_STN_72_A1_0215_045826.JPG	9.68	0.52
05/08/2018	10:27:30	RNSB065	54.52703	-0.69589	72	5292		RNSB_2ENC30818_GT065_STN_72_A1_0216_045851.JPG	9.93	0.40
05/08/2018	10:29:19	RNSB065	54.52713	-0.69629	72	5293		RNSB_2ENC30818_GT065_STN_72_A1_0217_050039.JPG	9.38	0.59
05/08/2018	10:29:42	RNSB065	54.52715	-0.69638	72	5294		RNSB_2ENC30818_GT065_STN_72_A1_0218_050102.JPG	9.27	0.56
05/08/2018	10:30:04	RNSB065	54.52717	-0.69646	72	5295		RNSB_2ENC30818_GT065_STN_72_A1_0219_050124.JPG	9.29	0.48
05/08/2018	10:30:30	RNSB065	54.52719	-0.69655	72	5296		RNSB_2ENC30818_GT065_STN_72_A1_0220_050150.JPG	9.05	0.40
05/08/2018	10:30:47	RNSB065	54.52720	-0.69660	72	5297		RNSB_2ENC30818_GT065_STN_72_A1_0221_050207.JPG	9.31	0.41
05/08/2018	10:31:21	RNSB065	54.52723	-0.69672	72	5298		RNSB_2ENC30818_GT065_STN_72_A1_0222_050241.JPG	9.40	0.51
05/08/2018	10:31:53	RNSB065	54.52728	-0.69681	72	5299	EoL	RNSB_2ENC30818_GT065_STN_72_A1_0223_050313.JPG	9.37	0.49
05/08/2018	10:45:20	RNSB079	54.51920	-0.67014	73	5300	SoL	RNSB_2ENC30818_GT079_STN_73_A1_0224_051638.JPG	11.01	0.40
05/08/2018	10:45:55	RNSB079	54.51923	-0.67027	73	5301		RNSB_2ENC30818_GT079_STN_73_A1_0225_051713.JPG	10.80	0.63
05/08/2018	10:46:31	RNSB079	54.51924	-0.67052	73	5302		RNSB_2ENC30818_GT079_STN_73_A1_0226_051750.JPG	11.28	0.93
05/08/2018	10:47:16	RNSB079	54.51934	-0.67080	73	5303		RNSB_2ENC30818_GT079_STN_73_A1_0227_051835.JPG	10.97	0.95
05/08/2018	10:48:03	RNSB079	54.51948	-0.67101	73	5304		RNSB_2ENC30818_GT079_STN_73_A1_0228_051921.JPG	10.95	0.97
05/08/2018	10:48:46	RNSB079	54.51960	-0.67129	73	5305		RNSB_2ENC30818_GT079_STN_73_A1_0229_052004.JPG	11.19	1.09
05/08/2018	10:49:40	RNSB079	54.51976	-0.67166	73	5306		RNSB_2ENC30818_GT079_STN_73_A1_0230_052059.JPG	11.15	1.09
05/08/2018	10:50:33	RNSB079	54.51991	-0.67196	73	5307		RNSB_2ENC30818_GT079_STN_73_A1_0231_052152.JPG	10.97	0.83

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	10:55:38	RNSB079	54.52005	-0.67310	73	5308		RNSB_2ENC30818_GT079_STN_73_A1_0232_052657.JPG	10.99	1.06
05/08/2018	10:56:24	RNSB079	54.52014	-0.67340	73	5309		RNSB_2ENC30818_GT079_STN_73_A1_0233_052743.JPG	8.15	0.82
05/08/2018	10:56:57	RNSB079	54.52018	-0.67360	73	5310		RNSB_2ENC30818_GT079_STN_73_A1_0234_052816.JPG	8.64	0.80
05/08/2018	10:57:24	RNSB079	54.52022	-0.67375	73	5311		RNSB_2ENC30818_GT079_STN_73_A1_0235_052843.JPG	9.73	0.75
05/08/2018	10:57:46	RNSB079	54.52024	-0.67390	73	5312	Eol	RNSB_2ENC30818_GT079_STN_73_A1_0236_052905.JPG	9.29	0.88
05/08/2018	11:04:37	RNSB067	54.52293	-0.67743	74	5313	Sol	RNSB_2ENC30818_GT067_STN_74_A1_0237_053556.JPG	9.36	0.63
05/08/2018	11:05:35	RNSB067	54.52295	-0.67777	74	5314		RNSB_2ENC30818_GT067_STN_74_A1_0238_053649.JPG	8.87	0.97
05/08/2018	11:05:59	RNSB067	54.52298	-0.67802	74	5315		RNSB_2ENC30818_GT067_STN_74_A1_0239_053718.JPG	9.26	1.10
05/08/2018	11:06:29	RNSB067	54.52302	-0.67823	74	5316		RNSB_2ENC30818_GT067_STN_74_A1_0240_053748.JPG	9.26	0.85
05/08/2018	11:06:54	RNSB067	54.52305	-0.67836	74	5317		RNSB_2ENC30818_GT067_STN_74_A1_0241_053813.JPG	9.54	0.71
05/08/2018	11:07:23	RNSB067	54.52306	-0.67853	74	5318		RNSB_2ENC30818_GT067_STN_74_A1_0242_053842.JPG	9.51	0.74
05/08/2018	11:07:52	RNSB067	54.52306	-0.67871	74	5319		RNSB_2ENC30818_GT067_STN_74_A1_0243_053911.JPG	9.82	0.71
05/08/2018	11:08:35	RNSB067	54.52306	-0.67889	74	5320		RNSB_2ENC30818_GT067_STN_74_A1_0244_053953.JPG	10.12	0.46
05/08/2018	11:09:17	RNSB067	54.52305	-0.67912	74	5321		RNSB_2ENC30818_GT067_STN_74_A1_0245_054036.JPG	9.80	0.74
05/08/2018	11:10:13	RNSB067	54.52304	-0.67934	74	5322		RNSB_2ENC30818_GT067_STN_74_A1_0246_054132.JPG	9.40	0.55
05/08/2018	11:13:03	RNSB067	54.52301	-0.67975	74	5323		RNSB_2ENC30818_GT067_STN_74_A1_0247_054422.JPG	8.53	1.28
05/08/2018	11:13:34	RNSB067	54.52303	-0.68009	74	5324		RNSB_2ENC30818_GT067_STN_74_A1_0248_054452.JPG	8.21	1.41
05/08/2018	11:13:58	RNSB067	54.52303	-0.68030	74	5325		RNSB_2ENC30818_GT067_STN_74_A1_0249_054512.JPG	8.01	1.35
05/08/2018	11:14:11	RNSB067	54.52303	-0.68049	74	5326		RNSB_2ENC30818_GT067_STN_74_A1_0250_054531.JPG	7.95	1.25
05/08/2018	11:14:29	RNSB067	54.52303	-0.68066	74	5327		RNSB_2ENC30818_GT067_STN_74_A1_0251_054550.JPG	7.95	1.13
05/08/2018	11:14:44	RNSB067	54.52302	-0.68074	74	5328		RNSB_2ENC30818_GT067_STN_74_A1_0252_054604.JPG	7.75	0.74
05/08/2018	11:15:07	RNSB067	54.52291	-0.68076	74	5329		RNSB_2ENC30818_GT067_STN_74_A1_0253_054627.JPG	99.47	0.93
05/08/2018	11:15:44	RNSB067	54.52289	-0.68101	74	5330		RNSB_2ENC30818_GT067_STN_74_A1_0254_054704.JPG	7.54	0.84
05/08/2018	11:16:01	RNSB067	54.52288	-0.68113	74	5331		RNSB_2ENC30818_GT067_STN_74_A1_0255_054721.JPG	98.99	0.93
05/08/2018	11:16:10	RNSB067	54.52287	-0.68119	74	5332	Eol	RNSB_2ENC30818_GT067_STN_74_A1_0256_054730.JPG	98.99	0.78
05/08/2018	11:19:22	RNSB106	54.52398	-0.68292	75	5333	Sol	RNSB_2ENC30818_GT106_STN_75_A1_0257_055042.JPG	7.88	1.01

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	11:19:41	RNSB106	54.52399	-0.68304	75	5334		RNSB_2ENC30818_GT106_STN_75_A1_0258_055101.JPG	8.58	0.65
05/08/2018	11:19:53	RNSB106	54.52397	-0.68306	75	5335		RNSB_2ENC30818_GT106_STN_75_A1_0259_055113.JPG	1.59	0.45
05/08/2018	11:20:24	RNSB106	54.52396	-0.68325	75	5336		RNSB_2ENC30818_GT106_STN_75_A1_0260_055144.JPG	9.85	0.75
05/08/2018	11:20:52	RNSB106	54.52389	-0.68334	75	5337		RNSB_2ENC30818_GT106_STN_75_A1_0261_055212.JPG	97.98	0.69
05/08/2018	11:21:28	RNSB106	54.52385	-0.68358	75	5338		RNSB_2ENC30818_GT106_STN_75_A1_0262_055248.JPG	9.70	0.71
05/08/2018	11:21:50	RNSB106	54.52380	-0.68366	75	5339		RNSB_2ENC30818_GT106_STN_75_A1_0263_055310.JPG	10.43	0.58
05/08/2018	11:22:22	RNSB106	54.52374	-0.68376	75	5340		RNSB_2ENC30818_GT106_STN_75_A1_0264_055342.JPG	10.33	0.50
05/08/2018	11:22:54	RNSB106	54.52369	-0.68393	75	5341		RNSB_2ENC30818_GT106_STN_75_A1_0265_055414.JPG	9.90	0.86
05/08/2018	11:23:18	RNSB106	54.52364	-0.68403	75	5342		RNSB_2ENC30818_GT106_STN_75_A1_0266_055438.JPG	10.04	0.63
05/08/2018	11:23:47	RNSB106	54.52360	-0.68415	75	5343		RNSB_2ENC30818_GT106_STN_75_A1_0267_055507.JPG	10.38	0.58
05/08/2018	11:24:17	RNSB106	54.52356	-0.68422	75	5344		RNSB_2ENC30818_GT106_STN_75_A1_0268_055537.JPG	85.88	0.43
05/08/2018	11:24:42	RNSB106	54.52354	-0.68434	75	5345		RNSB_2ENC30818_GT106_STN_75_A1_0269_055602.JPG	8.60	0.57
05/08/2018	11:25:18	RNSB106	54.52349	-0.68453	75	5346		RNSB_2ENC30818_GT106_STN_75_A1_0270_055638.JPG	8.39	0.77
05/08/2018	11:25:47	RNSB106	54.52343	-0.68463	75	5347		RNSB_2ENC30818_GT106_STN_75_A1_0271_055707.JPG	8.47	0.62
05/08/2018	11:26:25	RNSB106	54.52339	-0.68478	75	5348		RNSB_2ENC30818_GT106_STN_75_A1_0272_055745.JPG	8.51	0.40
05/08/2018	11:26:58	RNSB106	54.52338	-0.68491	75	5349		RNSB_2ENC30818_GT106_STN_75_A1_0273_055817.JPG	9.57	0.63
05/08/2018	11:27:37	RNSB106	54.52335	-0.68487	75	5350		RNSB_2ENC30818_GT106_STN_75_A1_0274_055857.JPG	2.03	0.43
05/08/2018	11:28:03	RNSB106	54.52336	-0.68481	75	5351	EoL	RNSB_2ENC30818_GT106_STN_75_A1_0275_055923.JPG	98.55	0.29
05/08/2018	11:34:06	RNSB080	54.52989	-0.69641	76	5352	Sol	RNSB_2ENC30818_GT080_STN_76_A1_0276_060525.JPG	10.02	0.89
05/08/2018	11:35:03	RNSB080	54.52998	-0.69653	76	5353		RNSB_2ENC30818_GT080_STN_76_A1_0277_060621.JPG	2.41	0.30
05/08/2018	11:35:59	RNSB080	54.52995	-0.69649	76	5354		RNSB_2ENC30818_GT080_STN_76_A1_0278_060718.JPG	9.61	0.00
05/08/2018	11:37:12	RNSB080	54.53002	-0.69666	76	5355		RNSB_2ENC30818_GT080_STN_76_A1_0279_060827.JPG	9.40	0.60
05/08/2018	11:37:58	RNSB080	54.53005	-0.69684	76	5356		RNSB_2ENC30818_GT080_STN_76_A1_0280_060916.JPG	9.13	0.86
05/08/2018	11:38:34	RNSB080	54.53005	-0.69700	76	5357		RNSB_2ENC30818_GT080_STN_76_A1_0281_060953.JPG	8.99	0.66
05/08/2018	11:39:19	RNSB080	54.53014	-0.69724	76	5358		RNSB_2ENC30818_GT080_STN_76_A1_0282_061037.JPG	8.40	1.04
05/08/2018	11:40:07	RNSB080	54.53016	-0.69741	76	5359		RNSB_2ENC30818_GT080_STN_76_A1_0283_061125.JPG	1.53	0.70

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	11:40:46	RNSB080	54.53017	-0.69756	76	5360		RNSB_2ENC30818_GT080_STN_76_A1_0284_061205.JPG	8.20	0.34
05/08/2018	11:41:14	RNSB080	54.53019	-0.69770	76	5361		RNSB_2ENC30818_GT080_STN_76_A1_0285_061232.JPG	7.94	0.72
05/08/2018	11:41:39	RNSB080	54.53021	-0.69777	76	5362		RNSB_2ENC30818_GT080_STN_76_A1_0286_061305.JPG	7.88	0.30
05/08/2018	11:41:59	RNSB080	54.53023	-0.69784	76	5363		RNSB_2ENC30818_GT080_STN_76_A1_0287_061318.JPG	7.88	0.63
05/08/2018	11:42:42	RNSB080	54.53032	-0.69801	76	5364		RNSB_2ENC30818_GT080_STN_76_A1_0288_061400.JPG	7.60	0.85
05/08/2018	11:43:27	RNSB080	54.53041	-0.69819	76	5365		RNSB_2ENC30818_GT080_STN_76_A1_0289_061446.JPG	7.10	0.84
05/08/2018	11:44:06	RNSB080	54.53052	-0.69849	76	5366		RNSB_2ENC30818_GT080_STN_76_A1_0290_061524.JPG	6.92	1.25
05/08/2018	11:44:44	RNSB080	54.53065	-0.69885	76	5367		RNSB_2ENC30818_GT080_STN_76_A1_0291_061602.JPG	6.63	1.50
05/08/2018	11:45:16	RNSB080	54.53077	-0.69903	76	5368	EoL	RNSB_2ENC30818_GT080_STN_76_A1_0292_061634.JPG	6.40	1.01
05/08/2018	12:09:05	RNSB063	54.53409	-0.69782	77	5369	SoL	RNSB_2ENC30818_GT063_STN_77_A1_0293_064023.JPG	12.92	1.13
05/08/2018	12:09:31	RNSB063	54.53415	-0.69806	77	5370		RNSB_2ENC30818_GT063_STN_77_A1_0294_064047.JPG	11.99	1.40
05/08/2018	12:10:03	RNSB063	54.53419	-0.69824	77	5371	EoL	No Still	11.69	0.86
05/08/2018	12:14:39	RNSB063	54.53385	-0.69778	77	5372	SoL	RNSB_2ENC30818_GT063_STN_77_A2_0295_064545.JPG	12.44	0.98
05/08/2018	12:15:05	RNSB063	54.53384	-0.69792	77	5373		RNSB_2ENC30818_GT063_STN_77_A2_0296_064623.JPG	94.81	0.23
05/08/2018	12:15:48	RNSB063	54.53385	-0.69811	77	5374		RNSB_2ENC30818_GT063_STN_77_A2_0297_064707.JPG	11.39	0.57
05/08/2018	12:18:40	RNSB063	54.53405	-0.69899	77	5375		RNSB_2ENC30818_GT063_STN_77_A2_0298_064958.JPG	1.55	0.48
05/08/2018	12:19:39	RNSB063	54.53410	-0.69923	77	5376		RNSB_2ENC30818_GT063_STN_77_A2_0299_065057.JPG	96.06	0.34
05/08/2018	12:20:23	RNSB063	54.53418	-0.69945	77	5377		RNSB_2ENC30818_GT063_STN_77_A2_0300_065142.JPG	1.69	0.71
05/08/2018	12:20:44	RNSB063	54.53425	-0.69957	77	5378		RNSB_2ENC30818_GT063_STN_77_A2_0301_065203.JPG	1.73	0.81
05/08/2018	12:21:37	RNSB063	54.53432	-0.69984	77	5379		RNSB_2ENC30818_GT063_STN_77_A2_0302_065256.JPG	97.26	0.28
05/08/2018	12:22:21	RNSB063	54.53435	-0.70004	77	5380		RNSB_2ENC30818_GT063_STN_77_A2_0303_065340.JPG	11.20	0.59
05/08/2018	12:23:04	RNSB063	54.53437	-0.70019	77	5381	EoL	RNSB_2ENC30818_GT063_STN_77_A2_0304_065422.JPG	1.79	0.57
05/08/2018	12:35:00	RNSB062	54.53759	-0.71211	78	5382	SoL	RNSB_2ENC30818_GT062_STN_78_A2_0305_070612.JPG	7.69	1.42
05/08/2018	12:35:38	RNSB062	54.53761	-0.71255	78	5383		RNSB_2ENC30818_GT062_STN_78_A2_0306_070657.JPG	1.69	0.76
05/08/2018	12:36:00	RNSB062	54.53762	-0.71265	78	5384		RNSB_2ENC30818_GT062_STN_78_A2_0307_070718.JPG	1.92	0.72
05/08/2018	12:37:20	RNSB062	54.53770	-0.71302	78	5385		RNSB_2ENC30818_GT062_STN_78_A2_0308_070834.JPG	7.64	0.74

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	12:37:53	RNSB062	54.53777	-0.71326	78	5386		RNSB_2ENC30818_GT062_STN_78_A2_0309_070912.JPG	7.46	1.20
05/08/2018	12:38:35	RNSB062	54.53785	-0.71334	78	5387		RNSB_2ENC30818_GT062_STN_78_A2_0310_070952.JPG	1.50	0.42
05/08/2018	12:39:07	RNSB062	54.53791	-0.71347	78	5388		RNSB_2ENC30818_GT062_STN_78_A2_0311_071025.JPG	7.21	0.56
05/08/2018	12:39:45	RNSB062	54.53797	-0.71343	78	5389		RNSB_2ENC30818_GT062_STN_78_A2_0312_071104.JPG	7.16	0.37
05/08/2018	12:40:30	RNSB062	54.53804	-0.71361	78	5390		RNSB_2ENC30818_GT062_STN_78_A2_0313_071149.JPG	7.56	0.98
05/08/2018	12:41:02	RNSB062	54.53808	-0.71379	78	5391		RNSB_2ENC30818_GT062_STN_78_A2_0314_071220.JPG	2.70	0.75
05/08/2018	12:41:30	RNSB062	54.53811	-0.71392	78	5392		RNSB_2ENC30818_GT062_STN_78_A2_0315_071248.JPG	1.55	0.23
05/08/2018	12:42:42	RNSB062	54.53822	-0.71414	78	5393	EoL	RNSB_2ENC30818_GT062_STN_78_A2_0316_071401.JPG	13.11	0.69
05/08/2018	12:47:15	RNSB061	54.53895	-0.71750	79	5394	SoL	RNSB_2ENC30818_GT061_STN_79_A1_0317_071834.JPG	12.15	0.44
05/08/2018	12:47:55	RNSB061	54.53902	-0.71745	79	5395		RNSB_2ENC30818_GT061_STN_79_A1_0318_071914.JPG	13.33	0.36
05/08/2018	12:48:37	RNSB061	54.53911	-0.71749	79	5396		RNSB_2ENC30818_GT061_STN_79_A1_0319_071955.JPG	13.22	0.56
05/08/2018	12:49:26	RNSB061	54.53920	-0.71762	79	5397		RNSB_2ENC30818_GT061_STN_79_A1_0320_072045.JPG	10.93	1.04
05/08/2018	12:50:12	RNSB061	54.53929	-0.71774	79	5398		RNSB_2ENC30818_GT061_STN_79_A1_0321_072131.JPG	10.77	1.08
05/08/2018	12:51:03	RNSB061	54.53942	-0.71785	79	5399		RNSB_2ENC30818_GT061_STN_79_A1_0322_072222.JPG	10.63	0.96
05/08/2018	12:52:25	RNSB061	54.53965	-0.71870	79	5400		RNSB_2ENC30818_GT061_STN_79_A1_0323_072344.JPG	1.62	1.22
05/08/2018	12:52:56	RNSB061	54.53971	-0.71890	79	5401		RNSB_2ENC30818_GT061_STN_79_A1_0324_072415.JPG	2.23	0.83
05/08/2018	12:53:38	RNSB061	54.53979	-0.71922	79	5402		RNSB_2ENC30818_GT061_STN_79_A1_0325_072456.JPG	11.11	1.32
05/08/2018	12:54:28	RNSB061	54.53988	-0.71934	79	5403		RNSB_2ENC30818_GT061_STN_79_A1_0326_072547.JPG	13.59	0.50
05/08/2018	12:55:43	RNSB061	54.54006	-0.72008	79	5404		RNSB_2ENC30818_GT061_STN_79_A1_0327_072702.JPG	14.94	0.68
05/08/2018	12:57:07	RNSB061	54.54026	-0.72052	79	5405		RNSB_2ENC30818_GT061_STN_79_A1_0328_072818.JPG	1.55	0.93
05/08/2018	12:57:37	RNSB061	54.54030	-0.72083	79	5406	EoL	RNSB_2ENC30818_GT061_STN_79_A1_0329_072856.JPG	1.55	0.79
05/08/2018	13:07:22	RNSB093	54.54682	-0.73129	80	5407	SoL	RNSB_2ENC30818_GT093_STN_80_A1_0330_073840.JPG	19.70	0.64
05/08/2018	13:08:03	RNSB093	54.54683	-0.73125	80	5408		RNSB_2ENC30818_GT093_STN_80_A1_0331_073922.JPG	1.55	0.00
05/08/2018	13:08:54	RNSB093	54.54689	-0.73147	80	5409		RNSB_2ENC30818_GT093_STN_80_A1_0332_074012.JPG	1.74	0.30
05/08/2018	13:10:03	RNSB093	54.54694	-0.73154	80	5410		RNSB_2ENC30818_GT093_STN_80_A1_0333_074122.JPG	19.56	0.94
05/08/2018	13:10:46	RNSB093	54.54707	-0.73187	80	5411		RNSB_2ENC30818_GT093_STN_80_A1_0334_074204.JPG	20.89	0.88

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	13:11:41	RNSB093	54.54716	-0.73208	80	5412		RNSB_2ENC30818_GT093_STN_80_A1_0335_074300.JPG	98.46	0.28
05/08/2018	13:12:07	RNSB093	54.54721	-0.73219	80	5413		RNSB_2ENC30818_GT093_STN_80_A1_0336_074326.JPG	20.55	0.71
05/08/2018	13:12:52	RNSB093	54.54732	-0.73232	80	5414		RNSB_2ENC30818_GT093_STN_80_A1_0337_074411.JPG	99.03	0.47
05/08/2018	13:13:18	RNSB093	54.54739	-0.73235	80	5415		RNSB_2ENC30818_GT093_STN_80_A1_0338_074437.JPG	21.08	0.60
05/08/2018	13:13:56	RNSB093	54.54753	-0.73257	80	5416		RNSB_2ENC30818_GT093_STN_80_A1_0339_074515.JPG	20.83	1.09
05/08/2018	13:14:35	RNSB093	54.54766	-0.73267	80	5417		RNSB_2ENC30818_GT093_STN_80_A1_0340_074553.JPG	21.47	0.78
05/08/2018	13:15:08	RNSB093	54.54775	-0.73277	80	5418		RNSB_2ENC30818_GT093_STN_80_A1_0341_074627.JPG	21.36	0.88
05/08/2018	13:15:37	RNSB093	54.54784	-0.73288	80	5419		RNSB_2ENC30818_GT093_STN_80_A1_0342_074656.JPG	21.85	0.78
05/08/2018	13:16:09	RNSB093	54.54794	-0.73301	80	5420		RNSB_2ENC30818_GT093_STN_80_A1_0343_074727.JPG	22.10	1.11
05/08/2018	13:16:33	RNSB093	54.54803	-0.73317	80	5421		RNSB_2ENC30818_GT093_STN_80_A1_0344_074752.JPG	21.42	1.13
05/08/2018	13:16:53	RNSB093	54.54810	-0.73328	80	5422	EoL	RNSB_2ENC30818_GT093_STN_80_A1_0345_074812.JPG	21.30	0.84
05/08/2018	13:21:25	RNSB094	54.54743	-0.74333	81	5423	SoL	RNSB_2ENC30818_GT094_STN_81_A1_0346_075244.JPG	14.36	1.23
05/08/2018	13:21:59	RNSB094	54.54747	-0.74356	81	5424		RNSB_2ENC30818_GT094_STN_81_A1_0347_075315.JPG	14.59	0.73
05/08/2018	13:22:48	RNSB094	54.54759	-0.74370	81	5425		RNSB_2ENC30818_GT094_STN_81_A1_0348_075407.JPG	12.41	0.50
05/08/2018	13:23:27	RNSB094	54.54763	-0.74388	81	5426		RNSB_2ENC30818_GT094_STN_81_A1_0349_075446.JPG	14.08	0.83
05/08/2018	13:23:57	RNSB094	54.54766	-0.74401	81	5427		RNSB_2ENC30818_GT094_STN_81_A1_0350_075516.JPG	1.51	0.68
05/08/2018	13:24:34	RNSB094	54.54770	-0.74421	81	5428		RNSB_2ENC30818_GT094_STN_81_A1_0351_075549.JPG	14.65	0.64
05/08/2018	13:25:30	RNSB094	54.54780	-0.74456	81	5429		RNSB_2ENC30818_GT094_STN_81_A1_0352_075649.JPG	14.55	0.88
05/08/2018	13:26:05	RNSB094	54.54785	-0.74467	81	5430		RNSB_2ENC30818_GT094_STN_81_A1_0353_075723.JPG	12.40	0.56
05/08/2018	13:26:31	RNSB094	54.54793	-0.74476	81	5431		RNSB_2ENC30818_GT094_STN_81_A1_0354_075750.JPG	12.23	0.99
05/08/2018	13:27:11	RNSB094	54.54804	-0.74493	81	5432		RNSB_2ENC30818_GT094_STN_81_A1_0355_075829.JPG	11.51	0.82
05/08/2018	13:27:59	RNSB094	54.54818	-0.74515	81	5433		RNSB_2ENC30818_GT094_STN_81_A1_0356_075918.JPG	12.54	1.13
05/08/2018	13:29:15	RNSB094	54.54841	-0.74540	81	5434		RNSB_2ENC30818_GT094_STN_81_A1_0357_080033.JPG	1.55	0.95
05/08/2018	13:29:54	RNSB094	54.54845	-0.74564	81	5435		RNSB_2ENC30818_GT094_STN_81_A1_0358_080113.JPG	1.55	0.65
05/08/2018	13:30:31	RNSB094	54.54851	-0.74589	81	5436	EoL	RNSB_2ENC30818_GT094_STN_81_A1_0359_080150.JPG	11.58	1.15
05/08/2018	13:35:01	RNSB060	54.54696	-0.74964	82	5437	SoL	RNSB_2ENC30818_GT060_STN_82_A1_0360_080616.JPG	99.37	0.42

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	13:35:35	RNSB060	54.54699	-0.74984	82	5438		RNSB_2ENC30818_GT060_STN_82_A1_0361_080653.JPG	2.22	1.08
05/08/2018	13:36:09	RNSB060	54.54702	-0.74982	82	5439		RNSB_2ENC30818_GT060_STN_82_A1_0362_080727.JPG	7.45	0.14
05/08/2018	13:36:41	RNSB060	54.54706	-0.74977	82	5440		RNSB_2ENC30818_GT060_STN_82_A1_0363_080759.JPG	7.20	0.42
05/08/2018	13:36:58	RNSB060	54.54709	-0.74977	82	5441		RNSB_2ENC30818_GT060_STN_82_A1_0364_080816.JPG	7.24	0.41
05/08/2018	13:37:51	RNSB060	54.54726	-0.74992	82	5442		RNSB_2ENC30818_GT060_STN_82_A1_0365_080909.JPG	7.44	1.13
05/08/2018	13:38:57	RNSB060	54.54738	-0.75043	82	5443		RNSB_2ENC30818_GT060_STN_82_A1_0366_081015.JPG	7.14	0.51
05/08/2018	13:39:30	RNSB060	54.54745	-0.75055	82	5444		RNSB_2ENC30818_GT060_STN_82_A1_0367_081049.JPG	7.14	1.01
05/08/2018	13:40:01	RNSB060	54.54755	-0.75071	82	5445		RNSB_2ENC30818_GT060_STN_82_A1_0368_081119.JPG	1.54	1.12
05/08/2018	13:40:41	RNSB060	54.54763	-0.75096	82	5446		RNSB_2ENC30818_GT060_STN_82_A1_0369_081200.JPG	7.83	0.86
05/08/2018	13:41:25	RNSB060	54.54775	-0.75107	82	5447		RNSB_2ENC30818_GT060_STN_82_A1_0370_081243.JPG	7.43	0.84
05/08/2018	13:42:03	RNSB060	54.54784	-0.75116	82	5448		RNSB_2ENC30818_GT060_STN_82_A1_0371_081322.JPG	7.83	0.59
05/08/2018	13:42:29	RNSB060	54.54790	-0.75116	82	5449		RNSB_2ENC30818_GT060_STN_82_A1_0372_081348.JPG	7.98	0.59
05/08/2018	13:43:00	RNSB060	54.54800	-0.75118	82	5450		RNSB_2ENC30818_GT060_STN_82_A1_0373_081418.JPG	7.88	0.72
05/08/2018	13:43:35	RNSB060	54.54811	-0.75121	82	5451		RNSB_2ENC30818_GT060_STN_82_A1_0374_081453.JPG	7.81	0.90
05/08/2018	13:44:07	RNSB060	54.54811	-0.75134	82	5452		RNSB_2ENC30818_GT060_STN_82_A1_0375_081526.JPG	98.84	0.43
05/08/2018	13:44:58	RNSB060	54.54816	-0.75148	82	5453	EoL	RNSB_2ENC30818_GT060_STN_82_A1_0376_081616.JPG	1.88	0.92
05/08/2018	13:47:55	RNSB071	54.54922	-0.75400	83	5454	SoL	RNSB_2ENC30818_GT071_STN_83_A1_0377_081913.JPG	10.31	0.42
05/08/2018	13:48:27	RNSB071	54.54928	-0.75396	83	5455		RNSB_2ENC30818_GT071_STN_83_A1_0378_081945.JPG	11.90	0.42
05/08/2018	13:49:01	RNSB071	54.54932	-0.75393	83	5456		RNSB_2ENC30818_GT071_STN_83_A1_0379_082017.JPG	2.46	0.28
05/08/2018	13:49:23	RNSB071	54.54935	-0.75397	83	5457		RNSB_2ENC30818_GT071_STN_83_A1_0380_082038.JPG	1.83	0.54
05/08/2018	13:49:57	RNSB071	54.54940	-0.75420	83	5458		RNSB_2ENC30818_GT071_STN_83_A1_0381_082043.JPG	9.78	0.94
05/08/2018	13:50:38	RNSB071	54.54946	-0.75439	83	5459		RNSB_2ENC30818_GT071_STN_83_A1_0382_082115.JPG	10.04	0.74
05/08/2018	13:51:20	RNSB071	54.54950	-0.75447	83	5460		RNSB_2ENC30818_GT071_STN_83_A1_0383_082156.JPG	2.54	0.28
05/08/2018	13:51:57	RNSB071	54.54954	-0.75463	83	5461		RNSB_2ENC30818_GT071_STN_83_A1_0384_082239.JPG	10.66	0.76
05/08/2018	13:52:23	RNSB071	54.54958	-0.75476	83	5462		RNSB_2ENC30818_GT071_STN_83_A1_0385_082316.JPG	10.86	0.69
05/08/2018	13:52:57	RNSB071	54.54964	-0.75484	83	5463		RNSB_2ENC30818_GT071_STN_83_A1_0386_082342.JPG	1.55	0.59

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	13:54:01	RNSB071	54.54977	-0.75498	83	5464		RNSB_2ENC30818_GT071_STN_83_A1_0387_082416.JPG	10.86	0.49
05/08/2018	13:54:43	RNSB071	54.54987	-0.75500	83	5465		RNSB_2ENC30818_GT071_STN_83_A1_0388_082519.JPG	10.39	0.57
05/08/2018	13:55:25	RNSB071	54.54996	-0.75511	83	5466		RNSB_2ENC30818_GT071_STN_83_A1_0389_082553.JPG	9.68	0.58
05/08/2018	13:55:57	RNSB071	54.55003	-0.75512	83	5467		RNSB_2ENC30818_GT071_STN_83_A1_0390_082602.JPG	10.11	0.74
05/08/2018	13:56:26	RNSB071	54.55008	-0.75529	83	5468		RNSB_2ENC30818_GT071_STN_83_A1_0391_082644.JPG	1.64	0.57
05/08/2018	13:57:22	RNSB071	54.55018	-0.75551	83	5469		RNSB_2ENC30818_GT071_STN_83_A1_0392_082715.JPG	7.53	0.61
05/08/2018	13:58:02	RNSB071	54.55021	-0.75567	83	5470		RNSB_2ENC30818_GT071_STN_83_A1_0393_082744.JPG	1.83	0.63
05/08/2018	13:58:37	RNSB071	54.55026	-0.75595	83	5471	EoL	RNSB_2ENC30818_GT071_STN_83_A1_0394_082839.JPG	1.89	1.39
05/08/2018	14:06:05	RNSB056	54.55470	-0.75989	84	5472	SoL	RNSB_2ENC30818_GT056_STN_84_A1_0397_083723.JPG	100.62	0.81
05/08/2018	14:06:55	RNSB056	54.55487	-0.76008	84	5473		RNSB_2ENC30818_GT056_STN_84_A1_0398_083814.JPG	6.59	0.70
05/08/2018	14:08:07	RNSB056	54.55509	-0.76013	84	5474		RNSB_2ENC30818_GT056_STN_84_A1_0399_083923.JPG	6.61	0.76
05/08/2018	14:08:34	RNSB056	54.55520	-0.76021	84	5475		RNSB_2ENC30818_GT056_STN_84_A1_0400_083953.JPG	6.22	1.16
05/08/2018	14:09:05	RNSB056	54.55532	-0.76040	84	5476		RNSB_2ENC30818_GT056_STN_84_A1_0401_084024.JPG	5.92	1.18
05/08/2018	14:09:38	RNSB056	54.55545	-0.76048	84	5477		RNSB_2ENC30818_GT056_STN_84_A1_0402_084055.JPG	1.69	0.93
05/08/2018	14:10:09	RNSB056	54.55556	-0.76056	84	5478		RNSB_2ENC30818_GT056_STN_84_A1_0403_084128.JPG	5.71	0.74
05/08/2018	14:10:39	RNSB056	54.55567	-0.76055	84	5479		RNSB_2ENC30818_GT056_STN_84_A1_0404_084158.JPG	5.77	0.97
05/08/2018	14:11:12	RNSB056	54.55580	-0.76063	84	5480		RNSB_2ENC30818_GT056_STN_84_A1_0405_084231.JPG	5.64	0.84
05/08/2018	14:11:36	RNSB056	54.55588	-0.76066	84	5481		RNSB_2ENC30818_GT056_STN_84_A1_0406_084254.JPG	1.79	0.84
05/08/2018	14:12:16	RNSB056	54.55605	-0.76069	84	5482		RNSB_2ENC30818_GT056_STN_84_A1_0407_084334.JPG	1.69	1.02
05/08/2018	14:12:42	RNSB056	54.55617	-0.76068	84	5483		RNSB_2ENC30818_GT056_STN_84_A1_0408_084401.JPG	5.88	1.02
05/08/2018	14:13:05	RNSB056	54.55627	-0.76069	84	5484		RNSB_2ENC30818_GT056_STN_84_A1_0409_084423.JPG	6.00	1.09
05/08/2018	14:13:33	RNSB056	54.55639	-0.76076	84	5485	EoL	RNSB_2ENC30818_GT056_STN_84_A1_0410_084452.JPG	6.22	0.99
05/08/2018	14:17:38	RNSB055	54.55500	-0.76581	85	5486	SoL	RNSB_2ENC30818_GT055_STN_85_A1_0411_084856.JPG	4.04	0.27
05/08/2018	14:18:07	RNSB055	54.55504	-0.76590	85	5487		RNSB_2ENC30818_GT055_STN_85_A1_0412_084919.JPG	4.26	0.74
05/08/2018	14:18:20	RNSB055	54.55508	-0.76598	85	5488		RNSB_2ENC30818_GT055_STN_85_A1_0413_084935.JPG	4.28	0.77
05/08/2018	14:18:41	RNSB055	54.55514	-0.76598	85	5489		RNSB_2ENC30818_GT055_STN_85_A1_0414_084958.JPG	4.43	0.56

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
05/08/2018	14:19:01	RNSB055	54.55519	-0.76601	85	5490		RNSB_2ENC30818_GT055_STN_85_A1_0415_085019.JPG	4.32	0.59
05/08/2018	14:19:22	RNSB055	54.55526	-0.76597	85	5491		RNSB_2ENC30818_GT055_STN_85_A1_0416_085041.JPG	4.32	0.65
05/08/2018	14:20:10	RNSB055	54.55541	-0.76617	85	5492		RNSB_2ENC30818_GT055_STN_85_A1_0417_085127.JPG	4.34	1.11
05/08/2018	14:20:51	RNSB055	54.55542	-0.76634	85	5493		RNSB_2ENC30818_GT055_STN_85_A1_0418_085210.JPG	4.61	0.65
05/08/2018	14:21:22	RNSB055	54.55546	-0.76650	85	5494		RNSB_2ENC30818_GT055_STN_85_A1_0419_085241.JPG	5.33	0.86
05/08/2018	14:22:05	RNSB055	54.55556	-0.76675	85	5495		RNSB_2ENC30818_GT055_STN_85_A1_0420_085324.JPG	4.37	1.22
05/08/2018	14:22:45	RNSB055	54.55557	-0.76688	85	5496		RNSB_2ENC30818_GT055_STN_85_A1_0421_085402.JPG	97.83	0.35
05/08/2018	14:23:23	RNSB055	54.55567	-0.76699	85	5497		RNSB_2ENC30818_GT055_STN_85_A1_0422_085441.JPG	6.27	0.65
05/08/2018	14:23:45	RNSB055	54.55574	-0.76706	85	5498		RNSB_2ENC30818_GT055_STN_85_A1_0423_085504.JPG	4.55	0.77
05/08/2018	14:24:03	RNSB055	54.55578	-0.76708	85	5499		RNSB_2ENC30818_GT055_STN_85_A1_0424_085521.JPG	4.36	0.69
05/08/2018	14:24:35	RNSB055	54.55587	-0.76722	85	5500		RNSB_2ENC30818_GT055_STN_85_A1_0425_085555.JPG	4.23	0.64
05/08/2018	14:25:10	RNSB055	54.55597	-0.76735	85	5501		RNSB_2ENC30818_GT055_STN_85_A1_0426_085628.JPG	3.97	0.93
05/08/2018	14:25:37	RNSB055	54.55605	-0.76736	85	5502		RNSB_2ENC30818_GT055_STN_85_A1_0427_085656.JPG	4.06	0.65
05/08/2018	14:26:00	RNSB055	54.55611	-0.76738	85	5503		RNSB_2ENC30818_GT055_STN_85_A1_0428_085719.JPG	4.27	0.54
05/08/2018	14:26:35	RNSB055	54.55620	-0.76755	85	5504		RNSB_2ENC30818_GT055_STN_85_A1_0429_085754.JPG	4.15	0.67
05/08/2018	14:26:56	RNSB055	54.55626	-0.76757	85	5505	EoL	RNSB_2ENC30818_GT055_STN_85_A1_0430_085815.JPG	4.19	0.61
05/08/2018	14:30:42	RNSB077	54.55791	-0.76785	86	5506	SoL	RNSB_2ENC30818_GT077_STN_86_A1_0431_090201.JPG	4.51	0.62
05/08/2018	14:31:16	RNSB077	54.55799	-0.76788	86	5507		RNSB_2ENC30818_GT077_STN_86_A1_0432_090235.JPG	4.86	0.60
05/08/2018	14:31:53	RNSB077	54.55811	-0.76793	86	5508		RNSB_2ENC30818_GT077_STN_86_A1_0433_090312.JPG	5.63	0.81
05/08/2018	14:32:24	RNSB077	54.55823	-0.76798	86	5509		RNSB_2ENC30818_GT077_STN_86_A1_0434_090343.JPG	5.57	0.85
05/08/2018	14:33:07	RNSB077	54.55839	-0.76805	86	5510		RNSB_2ENC30818_GT077_STN_86_A1_0435_090426.JPG	5.69	0.90
05/08/2018	14:33:43	RNSB077	54.55854	-0.76810	86	5511		RNSB_2ENC30818_GT077_STN_86_A1_0436_090502.JPG	2.94	0.87
05/08/2018	14:35:13	RNSB077	54.55885	-0.76841	86	5512		RNSB_2ENC30818_GT077_STN_86_A1_0437_090631.JPG	11.12	0.75
05/08/2018	14:35:46	RNSB077	54.55894	-0.76845	86	5513		RNSB_2ENC30818_GT077_STN_86_A1_0438_090706.JPG	11.48	0.63
05/08/2018	14:36:22	RNSB077	54.55902	-0.76854	86	5514		RNSB_2ENC30818_GT077_STN_86_A1_0439_090741.JPG	11.23	0.70
05/08/2018	14:36:47	RNSB077	54.55906	-0.76866	86	5515		RNSB_2ENC30818_GT077_STN_86_A1_0440_090806.JPG	11.27	0.73

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05/08/2018	14:37:24	RNSB077	54.55915	-0.76880	86	5516		RNSB_2ENC30818_GT077_STN_86_A1_0441_090817.JPG	1.69	0.73
05/08/2018	14:38:03	RNSB077	54.55925	-0.76891	86	5517		RNSB_2ENC30818_GT077_STN_86_A1_0442_090842.JPG	12.76	0.73
05/08/2018	14:39:10	RNSB077	54.55944	-0.76931	86	5518	EoL	RNSB_2ENC30818_GT077_STN_86_A1_0443_090921.JPG	9.22	0.69
06/08/2018	08:28:31	RNSB098	54.56806	-0.77836	87	5519	SoL	RNSB_2ENC30818_GT098_STN_87_A1_0001_013306.JPG	28.18	1.35
06/08/2018	08:28:59	RNSB098	54.56808	-0.77816	87	5520		RNSB_2ENC30818_GT098_STN_87_A1_0002_013335.JPG	28.52	0.71
06/08/2018	08:29:24	RNSB098	54.56810	-0.77802	87	5521		RNSB_2ENC30818_GT098_STN_87_A1_0003_013359.JPG	28.52	0.70
06/08/2018	08:30:30	RNSB098	54.56810	-0.77781	87	5522		RNSB_2ENC30818_GT098_STN_87_A1_0004_013505.JPG	28.93	0.62
06/08/2018	08:31:14	RNSB098	54.56810	-0.77756	87	5523		RNSB_2ENC30818_GT098_STN_87_A1_0005_013549.JPG	28.73	0.53
06/08/2018	08:31:44	RNSB098	54.56809	-0.77738	87	5524		RNSB_2ENC30818_GT098_STN_87_A1_0006_013620.JPG	29.06	0.82
06/08/2018	08:32:10	RNSB098	54.56810	-0.77720	87	5525		RNSB_2ENC30818_GT098_STN_87_A1_0007_013645.JPG	29.04	0.86
06/08/2018	08:32:51	RNSB098	54.56809	-0.77694	87	5526		RNSB_2ENC30818_GT098_STN_87_A1_0008_013726.JPG	28.88	0.90
06/08/2018	08:33:24	RNSB098	54.56810	-0.77672	87	5527		RNSB_2ENC30818_GT098_STN_87_A1_0009_013800.JPG	29.22	0.92
06/08/2018	08:34:09	RNSB098	54.56813	-0.77633	87	5528		RNSB_2ENC30818_GT098_STN_87_A1_0010_013844.JPG	29.03	1.23
06/08/2018	08:34:36	RNSB098	54.56813	-0.77614	87	5529		RNSB_2ENC30818_GT098_STN_87_A1_0011_013911.JPG	2.37	0.57
06/08/2018	08:35:06	RNSB098	54.56814	-0.77596	87	5530		RNSB_2ENC30818_GT098_STN_87_A1_0012_013942.JPG	1.59	0.83
06/08/2018	08:35:31	RNSB098	54.56813	-0.77585	87	5531		RNSB_2ENC30818_GT098_STN_87_A1_0013_014006.JPG	1.64	0.59
06/08/2018	08:36:04	RNSB098	54.56812	-0.77569	87	5532		RNSB_2ENC30818_GT098_STN_87_A1_0014_014039.JPG	29.95	0.73
06/08/2018	08:36:31	RNSB098	54.56810	-0.77556	87	5533		RNSB_2ENC30818_GT098_STN_87_A1_0015_014106.JPG	30.06	0.72
06/08/2018	08:37:01	RNSB098	54.56810	-0.77535	87	5534		RNSB_2ENC30818_GT098_STN_87_A1_0016_014136.JPG	29.58	0.75
06/08/2018	08:37:23	RNSB098	54.56810	-0.77519	87	5535	EoL	RNSB_2ENC30818_GT098_STN_87_A1_0017_014158.JPG	29.51	0.95
06/08/2018	08:53:09	RNSB073	54.56354	-0.78361	88	5536	SoL	RNSB_2ENC30818_GT073_STN_88_A1_0001_085309.JPG	95.91	0.88
06/08/2018	08:54:07	RNSB073	54.56359	-0.78326	88	5537		RNSB_2ENC30818_GT073_STN_88_A1_0002_085408.JPG	7.01	0.93
06/08/2018	08:54:33	RNSB073	54.56364	-0.78308	88	5538		RNSB_2ENC30818_GT073_STN_88_A1_0003_085434.JPG	7.33	0.76
06/08/2018	08:54:49	RNSB073	54.56365	-0.78297	88	5539		RNSB_2ENC30818_GT073_STN_88_A1_0004_085449.JPG	7.54	0.89
06/08/2018	08:55:10	RNSB073	54.56367	-0.78280	88	5540		RNSB_2ENC30818_GT073_STN_88_A1_0005_085510.JPG	7.71	1.11
06/08/2018	08:55:34	RNSB073	54.56370	-0.78253	88	5541		RNSB_2ENC30818_GT073_STN_88_A1_0006_085535.JPG	8.37	1.53

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	08:56:01	RNSB073	54.56373	-0.78228	88	5542		RNSB_2ENC30818_GT073_STN_88_A1_0007_085602.JPG	1.55	0.69
06/08/2018	08:56:21	RNSB073	54.56376	-0.78217	88	5543		RNSB_2ENC30818_GT073_STN_88_A1_0008_085622.JPG	8.52	0.81
06/08/2018	08:56:45	RNSB073	54.56379	-0.78202	88	5544		RNSB_2ENC30818_GT073_STN_88_A1_0009_085645.JPG	9.21	0.68
06/08/2018	08:57:03	RNSB073	54.56381	-0.78192	88	5545		RNSB_2ENC30818_GT073_STN_88_A1_0010_085704.JPG	9.41	0.81
06/08/2018	08:57:32	RNSB073	54.56383	-0.78172	88	5546		RNSB_2ENC30818_GT073_STN_88_A1_0011_085732.JPG	10.33	1.00
06/08/2018	08:58:08	RNSB073	54.56385	-0.78153	88	5547		RNSB_2ENC30818_GT073_STN_88_A1_0012_085808.JPG	11.11	0.56
06/08/2018	08:58:32	RNSB073	54.56385	-0.78140	88	5548		RNSB_2ENC30818_GT073_STN_88_A1_0013_085833.JPG	1.55	0.74
06/08/2018	08:59:05	RNSB073	54.56387	-0.78120	88	5549		RNSB_2ENC30818_GT073_STN_88_A1_0014_085905.JPG	12.66	0.93
06/08/2018	08:59:30	RNSB073	54.56388	-0.78103	88	5550		RNSB_2ENC30818_GT073_STN_88_A1_0015_085931.JPG	13.79	1.03
06/08/2018	08:59:50	RNSB073	54.56389	-0.78091	88	5551		RNSB_2ENC30818_GT073_STN_88_A1_0016_085950.JPG	95.19	0.50
06/08/2018	09:00:12	RNSB073	54.56389	-0.78075	88	5552		RNSB_2ENC30818_GT073_STN_88_A1_0017_090012.JPG	14.57	0.98
06/08/2018	09:00:33	RNSB073	54.56389	-0.78064	88	5553		RNSB_2ENC30818_GT073_STN_88_A1_0018_090034.JPG	14.60	0.62
06/08/2018	09:01:08	RNSB073	54.56389	-0.78040	88	5554		RNSB_2ENC30818_GT073_STN_88_A1_0019_090108.JPG	15.77	0.96
06/08/2018	09:01:37	RNSB073	54.56389	-0.78026	88	5555		RNSB_2ENC30818_GT073_STN_88_A1_0020_090137.JPG	16.03	0.75
06/08/2018	09:01:54	RNSB073	54.56390	-0.78013	88	5556		RNSB_2ENC30818_GT073_STN_88_A1_0021_090154.JPG	16.24	0.90
06/08/2018	09:02:14	RNSB073	54.56388	-0.78003	88	5557	EoL	RNSB_2ENC30818_GT073_STN_88_A1_0022_090215.JPG	98.36	0.72
06/08/2018	09:07:23	RNSB085	54.56284	-0.77687	89	5558	SoL	RNSB_2ENC30818_GT085_STN_89_A1_0023_090723.JPG	14.33	0.82
06/08/2018	09:07:46	RNSB085	54.56284	-0.77679	89	5559		RNSB_2ENC30818_GT085_STN_89_A1_0024_090745.JPG	14.94	0.33
06/08/2018	09:08:14	RNSB085	54.56283	-0.77670	89	5560		RNSB_2ENC30818_GT085_STN_89_A1_0025_090813.JPG	1.55	0.34
06/08/2018	09:08:44	RNSB085	54.56284	-0.77658	89	5561		RNSB_2ENC30818_GT085_STN_89_A1_0026_090843.JPG	15.78	0.57
06/08/2018	09:09:18	RNSB085	54.56283	-0.77640	89	5562		RNSB_2ENC30818_GT085_STN_89_A1_0027_090917.JPG	15.90	0.67
06/08/2018	09:09:48	RNSB085	54.56284	-0.77625	89	5563		RNSB_2ENC30818_GT085_STN_89_A1_0028_090947.JPG	98.22	0.60
06/08/2018	09:10:15	RNSB085	54.56284	-0.77606	89	5564		RNSB_2ENC30818_GT085_STN_89_A1_0029_091014.JPG	16.32	1.01
06/08/2018	09:10:59	RNSB085	54.56281	-0.77593	89	5565		RNSB_2ENC30818_GT085_STN_89_A1_0030_091058.JPG	16.98	0.56
06/08/2018	09:11:27	RNSB085	54.56282	-0.77578	89	5566		RNSB_2ENC30818_GT085_STN_89_A1_0031_091126.JPG	17.49	0.64
06/08/2018	09:11:56	RNSB085	54.56281	-0.77557	89	5567		RNSB_2ENC30818_GT085_STN_89_A1_0032_091156.JPG	17.66	0.61

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	09:12:31	RNSB085	54.56279	-0.77538	89	5568		RNSB_2ENC30818_GT085_STN_89_A1_0033_091230.JPG	17.94	0.81
06/08/2018	09:12:58	RNSB085	54.56280	-0.77517	89	5569		RNSB_2ENC30818_GT085_STN_89_A1_0034_091257.JPG	18.87	0.92
06/08/2018	09:13:22	RNSB085	54.56282	-0.77501	89	5570		RNSB_2ENC30818_GT085_STN_89_A1_0035_091321.JPG	19.92	0.90
06/08/2018	09:13:43	RNSB085	54.56284	-0.77485	89	5571		RNSB_2ENC30818_GT085_STN_89_A1_0036_091342.JPG	19.70	0.93
06/08/2018	09:14:08	RNSB085	54.56285	-0.77464	89	5572		RNSB_2ENC30818_GT085_STN_89_A1_0037_091408.JPG	20.03	1.07
06/08/2018	09:14:32	RNSB085	54.56285	-0.77449	89	5573		RNSB_2ENC30818_GT085_STN_89_A1_0038_091431.JPG	1.74	0.59
06/08/2018	09:14:47	RNSB085	54.56285	-0.77439	89	5574		RNSB_2ENC30818_GT085_STN_89_A1_0039_091446.JPG	1.55	0.95
06/08/2018	09:15:07	RNSB085	54.56285	-0.77420	89	5575		RNSB_2ENC30818_GT085_STN_89_A1_0040_091506.JPG	21.04	1.15
06/08/2018	09:15:29	RNSB085	54.56285	-0.77402	89	5576		RNSB_2ENC30818_GT085_STN_89_A1_0041_091528.JPG	17.12	0.99
06/08/2018	09:15:44	RNSB085	54.56285	-0.77392	89	5577	EoL	RNSB_2ENC30818_GT085_STN_89_A1_0042_091543.JPG	17.67	0.90
06/08/2018	09:20:25	RNSB074	54.56152	-0.77675	90	5578	SoL	RNSB_2ENC30818_GT074_STN_90_A1_0043_092024.JPG	12.78	0.48
06/08/2018	09:20:52	RNSB074	54.56158	-0.77672	90	5579		RNSB_2ENC30818_GT074_STN_90_A1_0044_092049.JPG	1.55	0.55
06/08/2018	09:21:18	RNSB074	54.56163	-0.77665	90	5580		RNSB_2ENC30818_GT074_STN_90_A1_0045_092115.JPG	12.95	0.55
06/08/2018	09:21:38	RNSB074	54.56166	-0.77657	90	5581		RNSB_2ENC30818_GT074_STN_90_A1_0046_092137.JPG	12.76	0.48
06/08/2018	09:22:07	RNSB074	54.56168	-0.77648	90	5582		RNSB_2ENC30818_GT074_STN_90_A1_0047_092206.JPG	12.86	0.47
06/08/2018	09:22:29	RNSB074	54.56170	-0.77638	90	5583		RNSB_2ENC30818_GT074_STN_90_A1_0048_092228.JPG	15.13	0.61
06/08/2018	09:23:41	RNSB074	54.56173	-0.77608	90	5584		RNSB_2ENC30818_GT074_STN_90_A1_0049_092340.JPG	13.20	0.55
06/08/2018	09:24:22	RNSB074	54.56177	-0.77587	90	5585		RNSB_2ENC30818_GT074_STN_90_A1_0050_092421.JPG	15.02	0.81
06/08/2018	09:25:00	RNSB074	54.56179	-0.77567	90	5586		RNSB_2ENC30818_GT074_STN_90_A1_0051_092457.JPG	15.06	0.65
06/08/2018	09:26:16	RNSB074	54.56184	-0.77523	90	5587		RNSB_2ENC30818_GT074_STN_90_A1_0052_092615.JPG	15.81	0.70
06/08/2018	09:26:47	RNSB074	54.56184	-0.77505	90	5588		RNSB_2ENC30818_GT074_STN_90_A1_0053_092645.JPG	16.30	0.75
06/08/2018	09:27:18	RNSB074	54.56184	-0.77487	90	5589		RNSB_2ENC30818_GT074_STN_90_A1_0054_092717.JPG	16.53	0.80
06/08/2018	09:27:49	RNSB074	54.56184	-0.77469	90	5590		RNSB_2ENC30818_GT074_STN_90_A1_0055_092748.JPG	15.88	0.70
06/08/2018	09:28:24	RNSB074	54.56184	-0.77446	90	5591		RNSB_2ENC30818_GT074_STN_90_A1_0056_092823.JPG	15.79	0.90
06/08/2018	09:28:48	RNSB074	54.56184	-0.77430	90	5592		RNSB_2ENC30818_GT074_STN_90_A1_0057_092847.JPG	15.75	0.78
06/08/2018	09:29:28	RNSB074	54.56184	-0.77403	90	5593		RNSB_2ENC30818_GT074_STN_90_A1_0058_092927.JPG	15.29	0.94

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	09:29:58	RNSB074	54.56186	-0.77388	90	5594		RNSB_2ENC30818_GT074_STN_90_A1_0059_092957.JPG	17.37	0.60
06/08/2018	09:30:24	RNSB074	54.56190	-0.77381	90	5595	EoL	RNSB_2ENC30818_GT074_STN_90_A1_0060_093023.JPG	15.74	0.46
06/08/2018	09:37:37	RNSB108	54.56499	-0.76687	91	5596	SoL	RNSB_2ENC30818_GT108_STN_91_A1_0061_093737.JPG	30.11	0.40
06/08/2018	09:38:08	RNSB108	54.56499	-0.76672	91	5597		RNSB_2ENC30818_GT108_STN_91_A1_0062_093809.JPG	29.98	0.79
06/08/2018	09:38:30	RNSB108	54.56498	-0.76662	91	5598		RNSB_2ENC30818_GT108_STN_91_A1_0063_093831.JPG	30.43	0.71
06/08/2018	09:38:55	RNSB108	54.56496	-0.76643	91	5599		RNSB_2ENC30818_GT108_STN_91_A1_0064_093856.JPG	30.56	1.05
06/08/2018	09:39:19	RNSB108	54.56496	-0.76629	91	5600		RNSB_2ENC30818_GT108_STN_91_A1_0065_093919.JPG	30.51	0.89
06/08/2018	09:39:40	RNSB108	54.56497	-0.76615	91	5601		RNSB_2ENC30818_GT108_STN_91_A1_0066_093941.JPG	30.56	0.62
06/08/2018	09:40:08	RNSB108	54.56496	-0.76604	91	5602		RNSB_2ENC30818_GT108_STN_91_A1_0067_094009.JPG	30.61	0.52
06/08/2018	09:40:42	RNSB108	54.56494	-0.76588	91	5603		RNSB_2ENC30818_GT108_STN_91_A1_0068_094043.JPG	30.43	0.73
06/08/2018	09:41:06	RNSB108	54.56493	-0.76570	91	5604		RNSB_2ENC30818_GT108_STN_91_A1_0069_094107.JPG	30.56	1.02
06/08/2018	09:41:34	RNSB108	54.56493	-0.76545	91	5605		RNSB_2ENC30818_GT108_STN_91_A1_0070_094135.JPG	30.18	1.19
06/08/2018	09:42:04	RNSB108	54.56492	-0.76514	91	5606		RNSB_2ENC30818_GT108_STN_91_A1_0071_094205.JPG	30.22	1.25
06/08/2018	09:42:25	RNSB108	54.56493	-0.76494	91	5607		RNSB_2ENC30818_GT108_STN_91_A1_0072_094226.JPG	30.86	1.26
06/08/2018	09:42:48	RNSB108	54.56493	-0.76470	91	5608		RNSB_2ENC30818_GT108_STN_91_A1_0073_094249.JPG	30.78	1.19
06/08/2018	09:43:04	RNSB108	54.56493	-0.76458	91	5609	EoL	RNSB_2ENC30818_GT108_STN_91_A1_0074_094305.JPG	30.75	0.88
06/08/2018	09:51:49	RNSB096	54.55978	-0.75622	92	5610	SoL	RNSB_2ENC30818_GT096_STN_92_A1_0075_095150.JPG	26.52	1.66
06/08/2018	09:52:05	RNSB096	54.55975	-0.75605	92	5611		RNSB_2ENC30818_GT096_STN_92_A1_0076_095206.JPG	26.48	1.12
06/08/2018	09:52:27	RNSB096	54.55975	-0.75595	92	5612		RNSB_2ENC30818_GT096_STN_92_A1_0077_095227.JPG	26.62	0.57
06/08/2018	09:52:46	RNSB096	54.55969	-0.75577	92	5613		RNSB_2ENC30818_GT096_STN_92_A1_0078_095247.JPG	26.99	1.41
06/08/2018	09:53:05	RNSB096	54.55965	-0.75562	92	5614		RNSB_2ENC30818_GT096_STN_92_A1_0079_095306.JPG	2.14	1.02
06/08/2018	09:53:35	RNSB096	54.55959	-0.75525	92	5615		RNSB_2ENC30818_GT096_STN_92_A1_0080_095335.JPG	27.11	1.67
06/08/2018	09:53:55	RNSB096	54.55954	-0.75507	92	5616		RNSB_2ENC30818_GT096_STN_92_A1_0081_095356.JPG	27.37	1.00
06/08/2018	09:54:23	RNSB096	54.55941	-0.75496	92	5617		RNSB_2ENC30818_GT096_STN_92_A1_0082_095424.JPG	27.09	1.16
06/08/2018	09:54:50	RNSB096	54.55927	-0.75487	92	5618		RNSB_2ENC30818_GT096_STN_92_A1_0083_095450.JPG	26.84	1.35
06/08/2018	09:55:09	RNSB096	54.55916	-0.75479	92	5619		RNSB_2ENC30818_GT096_STN_92_A1_0084_095509.JPG	27.18	1.18

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	09:55:32	RNSB096	54.55909	-0.75460	92	5620		RNSB_2ENC30818_GT096_STN_92_A1_0085_095533.JPG	27.02	1.29
06/08/2018	09:55:55	RNSB096	54.55903	-0.75437	92	5621		RNSB_2ENC30818_GT096_STN_92_A1_0086_095556.JPG	26.93	1.34
06/08/2018	09:56:19	RNSB096	54.55899	-0.75413	92	5622		RNSB_2ENC30818_GT096_STN_92_A1_0087_095620.JPG	26.51	1.35
06/08/2018	09:56:41	RNSB096	54.55894	-0.75401	92	5623		RNSB_2ENC30818_GT096_STN_92_A1_0088_095642.JPG	26.55	0.57
06/08/2018	09:57:05	RNSB096	54.55888	-0.75392	92	5624		RNSB_2ENC30818_GT096_STN_92_A1_0089_095705.JPG	26.72	0.77
06/08/2018	09:57:28	RNSB096	54.55883	-0.75381	92	5625	EoL	RNSB_2ENC30818_GT096_STN_92_A1_0090_095729.JPG	26.75	0.84
06/08/2018	10:09:17	RNSB054	54.55656	-0.76508	93	5626		RNSB_2ENC30818_GT054_STN_93_A1_0091_100916.JPG	9.72	1.48
06/08/2018	10:09:33	RNSB054	54.55658	-0.76498	93	5627		RNSB_2ENC30818_GT054_STN_93_A1_0092_100930.JPG	9.84	0.91
06/08/2018	10:09:57	RNSB054	54.55663	-0.76484	93	5628		RNSB_2ENC30818_GT054_STN_93_A1_0093_100956.JPG	10.08	0.37
06/08/2018	10:10:22	RNSB054	54.55668	-0.76476	93	5629		RNSB_2ENC30818_GT054_STN_93_A1_0094_101021.JPG	2.12	0.69
06/08/2018	10:10:56	RNSB054	54.55675	-0.76462	93	5630		RNSB_2ENC30818_GT054_STN_93_A1_0095_101053.JPG	9.60	0.88
06/08/2018	10:11:37	RNSB054	54.55681	-0.76453	93	5631		RNSB_2ENC30818_GT054_STN_93_A1_0096_101136.JPG	9.94	0.61
06/08/2018	10:12:16	RNSB054	54.55688	-0.76433	93	5632		RNSB_2ENC30818_GT054_STN_93_A1_0097_101214.JPG	10.77	0.66
06/08/2018	10:12:50	RNSB054	54.55693	-0.76418	93	5633		RNSB_2ENC30818_GT054_STN_93_A1_0098_101249.JPG	10.59	0.44
06/08/2018	10:13:28	RNSB054	54.55696	-0.76398	93	5634		RNSB_2ENC30818_GT054_STN_93_A1_0099_101326.JPG	11.14	0.87
06/08/2018	10:14:09	RNSB054	54.55701	-0.76368	93	5635		RNSB_2ENC30818_GT054_STN_93_A1_0100_101407.JPG	11.32	1.00
06/08/2018	10:14:57	RNSB054	54.55701	-0.76328	93	5636		RNSB_2ENC30818_GT054_STN_93_A1_0101_101454.JPG	11.10	1.18
06/08/2018	10:15:30	RNSB054	54.55699	-0.76303	93	5637		RNSB_2ENC30818_GT054_STN_93_A1_0102_101528.JPG	10.87	0.22
06/08/2018	10:16:09	RNSB054	54.55703	-0.76292	93	5638		RNSB_2ENC30818_GT054_STN_93_A1_0103_101605.JPG	11.36	0.56
06/08/2018	10:16:43	RNSB054	54.55705	-0.76277	93	5639		RNSB_2ENC30818_GT054_STN_93_A1_0104_101640.JPG	11.36	0.59
06/08/2018	10:17:16	RNSB054	54.55706	-0.76260	93	5640		RNSB_2ENC30818_GT054_STN_93_A1_0105_101715.JPG	12.39	0.63
06/08/2018	10:17:47	RNSB054	54.55706	-0.76242	93	5641	EoL	RNSB_2ENC30818_GT054_STN_93_A1_0106_101745.JPG	11.72	0.82
06/08/2018	10:22:17	RNSB083	54.55615	-0.75540	94	5642	SoL	RNSB_2ENC30818_GT083_STN_94_A1_0107_102215.JPG	19.51	1.34
06/08/2018	10:22:43	RNSB083	54.55613	-0.75520	94	5643		RNSB_2ENC30818_GT083_STN_94_A1_0108_102238.JPG	19.28	0.78
06/08/2018	10:23:03	RNSB083	54.55608	-0.75504	94	5644		RNSB_2ENC30818_GT083_STN_94_A1_0109_102302.JPG	19.68	0.97
06/08/2018	10:23:38	RNSB083	54.55604	-0.75482	94	5645		RNSB_2ENC30818_GT083_STN_94_A1_0110_102334.JPG	19.45	0.96

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	10:24:12	RNSB083	54.55600	-0.75453	94	5646		RNSB_2ENC30818_GT083_STN_94_A1_0111_102411.JPG	19.51	1.00
06/08/2018	10:24:46	RNSB083	54.55596	-0.75428	94	5647		RNSB_2ENC30818_GT083_STN_94_A1_0112_102442.JPG	20.06	1.04
06/08/2018	10:25:12	RNSB083	54.55593	-0.75407	94	5648		RNSB_2ENC30818_GT083_STN_94_A1_0113_102510.JPG	19.78	1.00
06/08/2018	10:25:32	RNSB083	54.55590	-0.75391	94	5649		RNSB_2ENC30818_GT083_STN_94_A1_0114_102531.JPG	19.29	1.02
06/08/2018	10:26:05	RNSB083	54.55587	-0.75366	94	5650		RNSB_2ENC30818_GT083_STN_94_A1_0115_102602.JPG	18.57	1.04
06/08/2018	10:26:30	RNSB083	54.55584	-0.75344	94	5651		RNSB_2ENC30818_GT083_STN_94_A1_0116_102629.JPG	18.11	1.10
06/08/2018	10:26:56	RNSB083	54.55581	-0.75319	94	5652		RNSB_2ENC30818_GT083_STN_94_A1_0117_102654.JPG	17.85	1.26
06/08/2018	10:27:28	RNSB083	54.55577	-0.75298	94	5653		RNSB_2ENC30818_GT083_STN_94_A1_0118_102726.JPG	18.74	0.90
06/08/2018	10:28:20	RNSB083	54.55571	-0.75261	94	5654	EoL	RNSB_2ENC30818_GT083_STN_94_A1_0119_102818.JPG	18.89	0.74
06/08/2018	10:32:45	RNSB095	54.55396	-0.74506	95	5655	SoL	RNSB_2ENC30818_GT095_STN_95_A1_0120_103242.JPG	24.46	0.89
06/08/2018	10:33:25	RNSB095	54.55387	-0.74483	95	5656		RNSB_2ENC30818_GT095_STN_95_A1_0121_103324.JPG	24.63	0.80
06/08/2018	10:33:53	RNSB095	54.55382	-0.74464	95	5657		RNSB_2ENC30818_GT095_STN_95_A1_0122_103352.JPG	24.54	0.96
06/08/2018	10:34:25	RNSB095	54.55375	-0.74450	95	5658		RNSB_2ENC30818_GT095_STN_95_A1_0123_103424.JPG	24.49	0.79
06/08/2018	10:34:57	RNSB095	54.55367	-0.74430	95	5659		RNSB_2ENC30818_GT095_STN_95_A1_0124_103455.JPG	24.61	0.95
06/08/2018	10:35:24	RNSB095	54.55359	-0.74417	95	5660		RNSB_2ENC30818_GT095_STN_95_A1_0125_103523.JPG	2.21	0.89
06/08/2018	10:35:53	RNSB095	54.55350	-0.74402	95	5661		RNSB_2ENC30818_GT095_STN_95_A1_0126_103550.JPG	24.29	0.98
06/08/2018	10:36:17	RNSB095	54.55340	-0.74392	95	5662		RNSB_2ENC30818_GT095_STN_95_A1_0127_103616.JPG	24.18	0.99
06/08/2018	10:36:42	RNSB095	54.55332	-0.74378	95	5663		RNSB_2ENC30818_GT095_STN_95_A1_0128_103641.JPG	24.02	0.95
06/08/2018	10:37:11	RNSB095	54.55327	-0.74352	95	5664		RNSB_2ENC30818_GT095_STN_95_A1_0129_103710.JPG	23.97	1.89
06/08/2018	10:37:40	RNSB095	54.55322	-0.74317	95	5665		RNSB_2ENC30818_GT095_STN_95_A1_0130_103738.JPG	24.97	0.62
06/08/2018	10:38:03	RNSB095	54.55316	-0.74309	95	5666		RNSB_2ENC30818_GT095_STN_95_A1_0131_103802.JPG	24.89	0.60
06/08/2018	10:38:16	RNSB095	54.55313	-0.74305	95	5667		RNSB_2ENC30818_GT095_STN_95_A1_0132_103813.JPG	24.44	0.68
06/08/2018	10:38:42	RNSB095	54.55307	-0.74292	95	5668		RNSB_2ENC30818_GT095_STN_95_A1_0133_103839.JPG	24.11	0.88
06/08/2018	10:39:04	RNSB095	54.55301	-0.74276	95	5669		RNSB_2ENC30818_GT095_STN_95_A1_0134_103903.JPG	24.98	0.96
06/08/2018	10:39:27	RNSB095	54.55295	-0.74260	95	5670	EoL	RNSB_2ENC30818_GT095_STN_95_A1_0135_103926.JPG	24.41	0.97
06/08/2018	10:45:28	RNSB059	54.55204	-0.75007	96	5671	SoL	RNSB_2ENC30818_GT059_STN_96_A1_0136_104526.JPG	12.17	0.99

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	10:46:05	RNSB059	54.55204	-0.74982	96	5672		RNSB_2ENC30818_GT059_STN_96_A1_0137_104601.JPG	11.70	0.83
06/08/2018	10:46:27	RNSB059	54.55204	-0.74967	96	5673		RNSB_2ENC30818_GT059_STN_96_A1_0138_104626.JPG	11.76	0.74
06/08/2018	10:47:06	RNSB059	54.55202	-0.74949	96	5674		RNSB_2ENC30818_GT059_STN_96_A1_0139_104700.JPG	12.75	0.63
06/08/2018	10:47:42	RNSB059	54.55202	-0.74928	96	5675		RNSB_2ENC30818_GT059_STN_96_A1_0140_104737.JPG	11.71	0.79
06/08/2018	10:48:01	RNSB059	54.55202	-0.74914	96	5676		RNSB_2ENC30818_GT059_STN_96_A1_0141_104757.JPG	12.09	0.85
06/08/2018	10:48:33	RNSB059	54.55203	-0.74889	96	5677		RNSB_2ENC30818_GT059_STN_96_A1_0142_104830.JPG	13.36	0.96
06/08/2018	10:49:16	RNSB059	54.55198	-0.74845	96	5678		RNSB_2ENC30818_GT059_STN_96_A1_0143_104913.JPG	13.26	0.52
06/08/2018	10:50:04	RNSB059	54.55198	-0.74834	96	5679		RNSB_2ENC30818_GT059_STN_96_A1_0144_105002.JPG	12.71	0.47
06/08/2018	10:50:47	RNSB059	54.55192	-0.74815	96	5680		RNSB_2ENC30818_GT059_STN_96_A1_0145_105045.JPG	12.52	0.76
06/08/2018	10:51:11	RNSB059	54.55190	-0.74803	96	5681		RNSB_2ENC30818_GT059_STN_96_A1_0146_105106.JPG	13.40	0.83
06/08/2018	10:51:31	RNSB059	54.55186	-0.74787	96	5682		RNSB_2ENC30818_GT059_STN_96_A1_0147_105129.JPG	12.86	0.99
06/08/2018	10:52:02	RNSB059	54.55182	-0.74762	96	5683		RNSB_2ENC30818_GT059_STN_96_A1_0148_105200.JPG	13.38	1.00
06/08/2018	10:52:36	RNSB059	54.55175	-0.74747	96	5684		RNSB_2ENC30818_GT059_STN_96_A1_0149_105235.JPG	13.16	0.76
06/08/2018	10:53:06	RNSB059	54.55169	-0.74735	96	5685		RNSB_2ENC30818_GT059_STN_96_A1_0150_105304.JPG	15.69	0.51
06/08/2018	10:53:43	RNSB059	54.55163	-0.74726	96	5686		RNSB_2ENC30818_GT059_STN_96_A1_0151_105341.JPG	16.03	0.54
06/08/2018	10:54:18	RNSB059	54.55158	-0.74717	96	5687		RNSB_2ENC30818_GT059_STN_96_A1_0152_105408.JPG	15.93	0.61
06/08/2018	10:54:36	RNSB059	54.55154	-0.74704	96	5688	EoL	RNSB_2ENC30818_GT059_STN_96_A1_0153_105436.JPG	16.04	0.69
06/08/2018	11:00:44	RNSB058	54.54466	-0.74142	97	5689	SoL	RNSB_2ENC30818_GT058_STN_97_A1_0154_110039.JPG	1.98	0.70
06/08/2018	11:01:08	RNSB058	54.54472	-0.74147	97	5690		RNSB_2ENC30818_GT058_STN_97_A1_0155_110105.JPG	13.66	0.51
06/08/2018	11:01:38	RNSB058	54.54475	-0.74149	97	5691		RNSB_2ENC30818_GT058_STN_97_A1_0156_110132.JPG	13.73	0.11
06/08/2018	11:02:43	RNSB058	54.54472	-0.74123	97	5692		RNSB_2ENC30818_GT058_STN_97_A1_0157_110242.JPG	13.86	0.88
06/08/2018	11:03:16	RNSB058	54.54471	-0.74102	97	5693		RNSB_2ENC30818_GT058_STN_97_A1_0158_110315.JPG	14.10	0.84
06/08/2018	11:03:53	RNSB058	54.54470	-0.74075	97	5694		RNSB_2ENC30818_GT058_STN_97_A1_0159_110351.JPG	14.66	1.05
06/08/2018	11:04:21	RNSB058	54.54470	-0.74053	97	5695		RNSB_2ENC30818_GT058_STN_97_A1_0160_110419.JPG	15.22	1.01
06/08/2018	11:04:46	RNSB058	54.54468	-0.74035	97	5696		RNSB_2ENC30818_GT058_STN_97_A1_0161_110444.JPG	15.34	0.91
06/08/2018	11:05:19	RNSB058	54.54466	-0.74012	97	5697		RNSB_2ENC30818_GT058_STN_97_A1_0162_110518.JPG	15.39	0.93

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06/08/2018	11:05:46	RNSB058	54.54465	-0.73992	97	5698		RNSB_2ENC30818_GT058_STN_97_A1_0163_110543.JPG	15.31	0.99
06/08/2018	11:06:09	RNSB058	54.54465	-0.73975	97	5699		RNSB_2ENC30818_GT058_STN_97_A1_0164_110608.JPG	15.34	0.87
06/08/2018	11:06:40	RNSB058	54.54466	-0.73953	97	5700		RNSB_2ENC30818_GT058_STN_97_A1_0165_110639.JPG	15.17	0.89
06/08/2018	11:07:12	RNSB058	54.54467	-0.73933	97	5701		RNSB_2ENC30818_GT058_STN_97_A1_0166_110710.JPG	15.12	0.84
06/08/2018	11:07:48	RNSB058	54.54471	-0.73907	97	5702		RNSB_2ENC30818_GT058_STN_97_A1_0167_110746.JPG	15.11	1.09
06/08/2018	11:08:15	RNSB058	54.54474	-0.73883	97	5703		RNSB_2ENC30818_GT058_STN_97_A1_0168_110812.JPG	15.42	1.09
06/08/2018	11:08:36	RNSB058	54.54477	-0.73864	97	5704		RNSB_2ENC30818_GT058_STN_97_A1_0169_110837.JPG	15.59	1.06
06/08/2018	11:09:10	RNSB058	54.54480	-0.73839	97	5705		RNSB_2ENC30818_GT058_STN_97_A1_0170_110909.JPG	17.00	0.95
06/08/2018	11:09:54	RNSB058	54.54485	-0.73807	97	5706		RNSB_2ENC30818_GT058_STN_97_A1_0171_110952.JPG	17.81	0.88
06/08/2018	11:10:15	RNSB058	54.54489	-0.73794	97	5707	EoL	RNSB_2ENC30818_GT058_STN_97_A1_0172_111013.JPG	17.99	0.89
06/08/2018	11:14:53	RNSB072	54.54123	-0.73873	98	5708	SoL	RNSB_2ENC30818_GT072_STN_98_A1_0173_111451.JPG	8.38	0.46
06/08/2018	11:15:17	RNSB072	54.54122	-0.73856	98	5709		RNSB_2ENC30818_GT072_STN_98_A1_0174_111515.JPG	8.37	0.85
06/08/2018	11:15:49	RNSB072	54.54123	-0.73835	98	5710		RNSB_2ENC30818_GT072_STN_98_A1_0175_111547.JPG	8.34	0.88
06/08/2018	11:16:27	RNSB072	54.54124	-0.73809	98	5711		RNSB_2ENC30818_GT072_STN_98_A1_0176_111626.JPG	8.57	0.79
06/08/2018	11:17:12	RNSB072	54.54126	-0.73783	98	5712		RNSB_2ENC30818_GT072_STN_98_A1_0177_111711.JPG	8.31	0.76
06/08/2018	11:17:56	RNSB072	54.54129	-0.73757	98	5713		RNSB_2ENC30818_GT072_STN_98_A1_0178_111755.JPG	8.20	0.74
06/08/2018	11:18:32	RNSB072	54.54134	-0.73740	98	5714		RNSB_2ENC30818_GT072_STN_98_A1_0179_111831.JPG	8.90	0.61
06/08/2018	11:19:00	RNSB072	54.54138	-0.73728	98	5715		RNSB_2ENC30818_GT072_STN_98_A1_0180_111900.JPG	8.48	0.61
06/08/2018	11:19:31	RNSB072	54.54143	-0.73716	98	5716		RNSB_2ENC30818_GT072_STN_98_A1_0181_111930.JPG	9.81	0.62
06/08/2018	11:19:53	RNSB072	54.54147	-0.73707	98	5717		RNSB_2ENC30818_GT072_STN_98_A1_0182_111952.JPG	9.66	0.70
06/08/2018	11:20:30	RNSB072	54.54153	-0.73687	98	5718		RNSB_2ENC30818_GT072_STN_98_A1_0183_112027.JPG	9.53	0.87
06/08/2018	11:20:51	RNSB072	54.54156	-0.73674	98	5719		RNSB_2ENC30818_GT072_STN_98_A1_0184_112050.JPG	11.62	0.77
06/08/2018	11:22:27	RNSB072	54.54168	-0.73627	98	5720		RNSB_2ENC30818_GT072_STN_98_A1_0185_112225.JPG	10.32	0.67
06/08/2018	11:22:58	RNSB072	54.54172	-0.73614	98	5721		RNSB_2ENC30818_GT072_STN_98_A1_0186_112257.JPG	10.56	0.61
06/08/2018	11:23:21	RNSB072	54.54176	-0.73605	98	5722		RNSB_2ENC30818_GT072_STN_98_A1_0187_112321.JPG	10.61	0.60
06/08/2018	11:23:46	RNSB072	54.54181	-0.73595	98	5723		RNSB_2ENC30818_GT072_STN_98_A1_0188_112345.JPG	11.22	0.59

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06/08/2018	11:24:16	RNSB072	54.54187	-0.73586	98	5724	EoL	RNSB_2ENC30818_GT072_STN_98_A1_0189_112415.JPG	14.87	0.63
06/08/2018	11:28:15	RNSB057	54.53922	-0.74007	99	5725	SoL	RNSB_2ENC30818_GT057_STN_99_A1_0190_112815.JPG	7.40	0.31
06/08/2018	11:29:11	RNSB057	54.53926	-0.73980	99	5726		RNSB_2ENC30818_GT057_STN_99_A1_0191_112910.JPG	7.72	0.76
06/08/2018	11:29:24	RNSB057	54.53927	-0.73974	99	5727		RNSB_2ENC30818_GT057_STN_99_A1_0192_112923.JPG	7.71	0.61
06/08/2018	11:30:06	RNSB057	54.53933	-0.73954	99	5728		RNSB_2ENC30818_GT057_STN_99_A1_0193_113005.JPG	8.31	0.84
06/08/2018	11:30:34	RNSB057	54.53940	-0.73940	99	5729		RNSB_2ENC30818_GT057_STN_99_A1_0194_113034.JPG	8.25	0.76
06/08/2018	11:30:54	RNSB057	54.53944	-0.73931	99	5730		RNSB_2ENC30818_GT057_STN_99_A1_0195_113053.JPG	8.47	0.76
06/08/2018	11:31:20	RNSB057	54.53952	-0.73921	99	5731		RNSB_2ENC30818_GT057_STN_99_A1_0196_113119.JPG	8.34	0.76
06/08/2018	11:31:44	RNSB057	54.53958	-0.73913	99	5732		RNSB_2ENC30818_GT057_STN_99_A1_0197_113143.JPG	8.71	0.73
06/08/2018	11:32:09	RNSB057	54.53964	-0.73905	99	5733		RNSB_2ENC30818_GT057_STN_99_A1_0198_113208.JPG	8.46	0.63
06/08/2018	11:32:37	RNSB057	54.53971	-0.73896	99	5734		RNSB_2ENC30818_GT057_STN_99_A1_0199_113236.JPG	8.91	0.70
06/08/2018	11:33:18	RNSB057	54.53983	-0.73884	99	5735		RNSB_2ENC30818_GT057_STN_99_A1_0200_113317.JPG	8.73	0.72
06/08/2018	11:33:47	RNSB057	54.53991	-0.73875	99	5736		RNSB_2ENC30818_GT057_STN_99_A1_0201_113346.JPG	8.91	0.67
06/08/2018	11:34:13	RNSB057	54.53996	-0.73866	99	5737		RNSB_2ENC30818_GT057_STN_99_A1_0202_113411.JPG	9.76	0.64
06/08/2018	11:34:51	RNSB057	54.54005	-0.73847	99	5738		RNSB_2ENC30818_GT057_STN_99_A1_0203_113451.JPG	10.45	0.91
06/08/2018	11:35:23	RNSB057	54.54013	-0.73834	99	5739		RNSB_2ENC30818_GT057_STN_99_A1_0204_113523.JPG	9.69	0.73
06/08/2018	11:35:49	RNSB057	54.54019	-0.73823	99	5740		RNSB_2ENC30818_GT057_STN_99_A1_0205_113547.JPG	10.23	0.77
06/08/2018	11:36:22	RNSB057	54.54025	-0.73808	99	5741		RNSB_2ENC30818_GT057_STN_99_A1_0206_113621.JPG	10.71	0.67
06/08/2018	11:36:49	RNSB057	54.54027	-0.73794	99	5742		RNSB_2ENC30818_GT057_STN_99_A1_0207_113647.JPG	10.35	0.76
06/08/2018	11:37:13	RNSB057	54.54030	-0.73780	99	5743	EoL	RNSB_2ENC30818_GT057_STN_99_A1_0208_113712.JPG	10.08	0.71
06/08/2018	11:44:42	RNSB082	54.53462	-0.74124	100	5744	SoL	RNSB_2ENC30818_GT082_STN_100_A1_0209_114441.JPG	11.32	0.57
06/08/2018	11:45:14	RNSB082	54.53463	-0.74104	100	5745		RNSB_2ENC30818_GT082_STN_100_A1_0210_114514.JPG	11.33	0.78
06/08/2018	11:45:41	RNSB082	54.53466	-0.74089	100	5746		RNSB_2ENC30818_GT082_STN_100_A1_0211_114540.JPG	11.92	0.74
06/08/2018	11:46:08	RNSB082	54.53469	-0.74074	100	5747		RNSB_2ENC30818_GT082_STN_100_A1_0212_114608.JPG	11.91	0.73
06/08/2018	11:46:30	RNSB082	54.53472	-0.74062	100	5748		RNSB_2ENC30818_GT082_STN_100_A1_0213_114629.JPG	12.00	0.80
06/08/2018	11:46:54	RNSB082	54.53476	-0.74050	100	5749		RNSB_2ENC30818_GT082_STN_100_A1_0214_114653.JPG	12.13	0.75

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06/08/2018	11:47:22	RNSB082	54.53482	-0.74038	100	5750		RNSB_2ENC30818_GT082_STN_100_A1_0215_114721.JPG	11.74	0.65
06/08/2018	11:47:50	RNSB082	54.53486	-0.74027	100	5751		RNSB_2ENC30818_GT082_STN_100_A1_0216_114749.JPG	12.00	0.56
06/08/2018	11:48:19	RNSB082	54.53489	-0.74015	100	5752		RNSB_2ENC30818_GT082_STN_100_A1_0217_114818.JPG	11.93	0.57
06/08/2018	11:48:44	RNSB082	54.53493	-0.74005	100	5753		RNSB_2ENC30818_GT082_STN_100_A1_0218_114843.JPG	11.39	0.65
06/08/2018	11:49:06	RNSB082	54.53495	-0.73995	100	5754		RNSB_2ENC30818_GT082_STN_100_A1_0219_114905.JPG	10.98	0.64
06/08/2018	11:49:35	RNSB082	54.53498	-0.73983	100	5755		RNSB_2ENC30818_GT082_STN_100_A1_0220_114934.JPG	10.90	0.53
06/08/2018	11:50:05	RNSB082	54.53501	-0.73974	100	5756		RNSB_2ENC30818_GT082_STN_100_A1_0221_115004.JPG	10.65	0.42
06/08/2018	11:50:31	RNSB082	54.53503	-0.73966	100	5757		RNSB_2ENC30818_GT082_STN_100_A1_0222_115030.JPG	10.77	0.39
06/08/2018	11:51:04	RNSB082	54.53506	-0.73955	100	5758		RNSB_2ENC30818_GT082_STN_100_A1_0223_115103.JPG	11.16	0.52
06/08/2018	11:51:40	RNSB082	54.53510	-0.73940	100	5759		RNSB_2ENC30818_GT082_STN_100_A1_0224_115139.JPG	11.88	0.66
06/08/2018	11:52:12	RNSB082	54.53516	-0.73924	100	5760		RNSB_2ENC30818_GT082_STN_100_A1_0225_115212.JPG	12.02	0.80
06/08/2018	11:52:44	RNSB082	54.53521	-0.73909	100	5761		RNSB_2ENC30818_GT082_STN_100_A1_0226_115241.JPG	12.87	0.75
06/08/2018	11:53:26	RNSB082	54.53528	-0.73891	100	5762		RNSB_2ENC30818_GT082_STN_100_A1_0227_115325.JPG	12.90	0.57
06/08/2018	11:53:49	RNSB082	54.53530	-0.73882	100	5763		RNSB_2ENC30818_GT082_STN_100_A1_0228_115348.JPG	13.23	0.48
06/08/2018	11:54:20	RNSB082	54.53534	-0.73870	100	5764		RNSB_2ENC30818_GT082_STN_100_A1_0229_115420.JPG	13.76	0.61
06/08/2018	11:54:56	RNSB082	54.53539	-0.73855	100	5765		RNSB_2ENC30818_GT082_STN_100_A1_0230_115454.JPG	13.89	0.65
06/08/2018	11:55:27	RNSB082	54.53543	-0.73841	100	5766		RNSB_2ENC30818_GT082_STN_100_A1_0231_115526.JPG	13.77	0.66
06/08/2018	11:55:59	RNSB082	54.53548	-0.73825	100	5767	EoL	RNSB_2ENC30818_GT082_STN_100_A1_0232_115558.JPG	13.80	0.70
06/08/2018	12:00:28	RNSB070	54.53244	-0.74318	101	5768	SoL	RNSB_2ENC30818_GT070_STN_101_A1_0233_120022.JPG	1.55	0.27
06/08/2018	12:01:01	RNSB070	54.53241	-0.74312	101	5769		RNSB_2ENC30818_GT070_STN_101_A1_0234_120100.JPG	7.93	0.29
06/08/2018	12:01:27	RNSB070	54.53238	-0.74307	101	5770		RNSB_2ENC30818_GT070_STN_101_A1_0235_120126.JPG	7.95	0.38
06/08/2018	12:02:16	RNSB070	54.53224	-0.74292	101	5771		RNSB_2ENC30818_GT070_STN_101_A1_0236_120215.JPG	7.32	1.27
06/08/2018	12:02:43	RNSB070	54.53230	-0.74271	101	5772		RNSB_2ENC30818_GT070_STN_101_A1_0237_120242.JPG	7.37	0.95
06/08/2018	12:03:06	RNSB070	54.53236	-0.74261	101	5773		RNSB_2ENC30818_GT070_STN_101_A1_0238_120304.JPG	7.50	0.85
06/08/2018	12:03:29	RNSB070	54.53244	-0.74252	101	5774		RNSB_2ENC30818_GT070_STN_101_A1_0239_120328.JPG	7.62	0.86
06/08/2018	12:03:55	RNSB070	54.53254	-0.74246	101	5775		RNSB_2ENC30818_GT070_STN_101_A1_0240_120354.JPG	7.90	1.01

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	12:04:25	RNSB070	54.53270	-0.74241	101	5776		RNSB_2ENC30818_GT070_STN_101_A1_0241_120424.JPG	7.54	1.15
06/08/2018	12:04:53	RNSB070	54.53281	-0.74223	101	5777		RNSB_2ENC30818_GT070_STN_101_A1_0242_120452.JPG	8.26	1.03
06/08/2018	12:05:23	RNSB070	54.53289	-0.74203	101	5778		RNSB_2ENC30818_GT070_STN_101_A1_0243_120523.JPG	8.31	1.03
06/08/2018	12:05:54	RNSB070	54.53296	-0.74184	101	5779		RNSB_2ENC30818_GT070_STN_101_A1_0244_120553.JPG	8.55	0.95
06/08/2018	12:06:25	RNSB070	54.53305	-0.74170	101	5780		RNSB_2ENC30818_GT070_STN_101_A1_0245_120624.JPG	8.61	0.79
06/08/2018	12:07:00	RNSB070	54.53315	-0.74156	101	5781		RNSB_2ENC30818_GT070_STN_101_A1_0246_120659.JPG	8.57	0.79
06/08/2018	12:07:40	RNSB070	54.53326	-0.74139	101	5782		RNSB_2ENC30818_GT070_STN_101_A1_0247_120739.JPG	9.96	0.87
06/08/2018	12:08:13	RNSB070	54.53336	-0.74124	101	5783		RNSB_2ENC30818_GT070_STN_101_A1_0248_120813.JPG	9.81	0.86
06/08/2018	12:08:49	RNSB070	54.53347	-0.74111	101	5784		RNSB_2ENC30818_GT070_STN_101_A1_0249_120848.JPG	10.10	0.87
06/08/2018	12:09:17	RNSB070	54.53356	-0.74104	101	5785		RNSB_2ENC30818_GT070_STN_101_A1_0250_120916.JPG	10.22	0.69
06/08/2018	12:09:36	RNSB070	54.53360	-0.74101	101	5786	EoL	RNSB_2ENC30818_GT070_STN_101_A1_0251_120934.JPG	10.37	0.59
06/08/2018	12:14:25	RNSB076	54.53244	-0.73733	102	5787	SoL	RNSB_2ENC30818_GT076_STN_102_A1_0252_121423.JPG	8.57	0.80
06/08/2018	12:14:45	RNSB076	54.53248	-0.73724	102	5788		RNSB_2ENC30818_GT076_STN_102_A1_0253_121444.JPG	8.59	0.67
06/08/2018	12:15:18	RNSB076	54.53254	-0.73711	102	5789		RNSB_2ENC30818_GT076_STN_102_A1_0254_121517.JPG	8.84	0.55
06/08/2018	12:15:41	RNSB076	54.53257	-0.73704	102	5790		RNSB_2ENC30818_GT076_STN_102_A1_0255_121537.JPG	8.92	0.42
06/08/2018	12:15:49	RNSB076	54.53257	-0.73702	102	5791		RNSB_2ENC30818_GT076_STN_102_A1_0256_121547.JPG	8.67	0.42
06/08/2018	12:16:24	RNSB076	54.53260	-0.73693	102	5792		RNSB_2ENC30818_GT076_STN_102_A1_0257_121621.JPG	8.90	0.38
06/08/2018	12:16:33	RNSB076	54.53261	-0.73690	102	5793		RNSB_2ENC30818_GT076_STN_102_A1_0258_121632.JPG	8.98	0.37
06/08/2018	12:17:10	RNSB076	54.53262	-0.73681	102	5794		RNSB_2ENC30818_GT076_STN_102_A1_0259_121710.JPG	8.99	0.22
06/08/2018	12:18:00	RNSB076	54.53264	-0.73671	102	5795		RNSB_2ENC30818_GT076_STN_102_A1_0260_121759.JPG	9.03	0.33
06/08/2018	12:18:45	RNSB076	54.53264	-0.73658	102	5796		RNSB_2ENC30818_GT076_STN_102_A1_0261_121844.JPG	8.87	0.48
06/08/2018	12:19:16	RNSB076	54.53270	-0.73641	102	5797		RNSB_2ENC30818_GT076_STN_102_A1_0262_121915.JPG	9.16	0.90
06/08/2018	12:19:40	RNSB076	54.53275	-0.73630	102	5798		RNSB_2ENC30818_GT076_STN_102_A1_0263_121940.JPG	8.96	0.65
06/08/2018	12:20:06	RNSB076	54.53281	-0.73623	102	5799		RNSB_2ENC30818_GT076_STN_102_A1_0264_122005.JPG	9.17	0.61
06/08/2018	12:20:30	RNSB076	54.53286	-0.73617	102	5800		RNSB_2ENC30818_GT076_STN_102_A1_0265_122030.JPG	9.17	0.49
06/08/2018	12:20:53	RNSB076	54.53292	-0.73614	102	5801		RNSB_2ENC30818_GT076_STN_102_A1_0266_122053.JPG	9.13	0.57

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	12:21:21	RNSB076	54.53298	-0.73609	102	5802		RNSB_2ENC30818_GT076_STN_102_A1_0267_122121.JPG	9.36	0.46
06/08/2018	12:21:54	RNSB076	54.53303	-0.73602	102	5803		RNSB_2ENC30818_GT076_STN_102_A1_0268_122153.JPG	9.59	0.42
06/08/2018	12:22:18	RNSB076	54.53306	-0.73597	102	5804		RNSB_2ENC30818_GT076_STN_102_A1_0269_122217.JPG	9.66	0.37
06/08/2018	12:22:49	RNSB076	54.53311	-0.73593	102	5805		RNSB_2ENC30818_GT076_STN_102_A1_0270_122247.JPG	9.59	0.57
06/08/2018	12:23:16	RNSB076	54.53319	-0.73587	102	5806		RNSB_2ENC30818_GT076_STN_102_A1_0271_122315.JPG	9.92	0.69
06/08/2018	12:23:39	RNSB076	54.53325	-0.73583	102	5807		RNSB_2ENC30818_GT076_STN_102_A1_0272_122335.JPG	9.95	0.57
06/08/2018	12:24:02	RNSB076	54.53334	-0.73580	102	5808		RNSB_2ENC30818_GT076_STN_102_A1_0273_122401.JPG	10.27	0.74
06/08/2018	12:24:27	RNSB076	54.53340	-0.73573	102	5809		RNSB_2ENC30818_GT076_STN_102_A1_0274_122426.JPG	10.25	0.64
06/08/2018	12:24:56	RNSB076	54.53350	-0.73571	102	5810		RNSB_2ENC30818_GT076_STN_102_A1_0275_122455.JPG	11.05	0.74
06/08/2018	12:25:19	RNSB076	54.53356	-0.73567	102	5811		RNSB_2ENC30818_GT076_STN_102_A1_0276_122518.JPG	10.57	0.57
06/08/2018	12:25:53	RNSB076	54.53366	-0.73564	102	5812		RNSB_2ENC30818_GT076_STN_102_A1_0277_122552.JPG	11.36	0.70
06/08/2018	12:26:19	RNSB076	54.53373	-0.73559	102	5813		RNSB_2ENC30818_GT076_STN_102_A1_0278_122618.JPG	11.79	0.58
06/08/2018	12:26:43	RNSB076	54.53380	-0.73559	102	5814	EoL	RNSB_2ENC30818_GT076_STN_102_A1_0279_122642.JPG	11.71	0.76
06/08/2018	12:32:01	RNSB069	54.53422	-0.72587	103	5815	SoL	RNSB_2ENC30818_GT069_STN_103_A1_0280_123201.JPG	8.17	0.18
06/08/2018	12:32:38	RNSB069	54.53425	-0.72575	103	5816		RNSB_2ENC30818_GT069_STN_103_A1_0281_123237.JPG	8.72	0.62
06/08/2018	12:32:58	RNSB069	54.53427	-0.72566	103	5817		RNSB_2ENC30818_GT069_STN_103_A1_0282_123257.JPG	8.79	0.56
06/08/2018	12:33:17	RNSB069	54.53428	-0.72559	103	5818		RNSB_2ENC30818_GT069_STN_103_A1_0283_123316.JPG	8.37	0.46
06/08/2018	12:33:42	RNSB069	54.53430	-0.72551	103	5819		RNSB_2ENC30818_GT069_STN_103_A1_0284_123341.JPG	8.35	0.40
06/08/2018	12:34:09	RNSB069	54.53429	-0.72537	103	5820		RNSB_2ENC30818_GT069_STN_103_A1_0285_123408.JPG	8.54	0.68
06/08/2018	12:34:36	RNSB069	54.53426	-0.72524	103	5821		RNSB_2ENC30818_GT069_STN_103_A1_0286_123436.JPG	8.77	0.68
06/08/2018	12:35:03	RNSB069	54.53423	-0.72511	103	5822		RNSB_2ENC30818_GT069_STN_103_A1_0287_123502.JPG	8.80	0.71
06/08/2018	12:35:30	RNSB069	54.53418	-0.72497	103	5823		RNSB_2ENC30818_GT069_STN_103_A1_0288_123529.JPG	8.40	0.72
06/08/2018	12:35:54	RNSB069	54.53416	-0.72485	103	5824		RNSB_2ENC30818_GT069_STN_103_A1_0289_123553.JPG	9.80	0.73
06/08/2018	12:36:30	RNSB069	54.53412	-0.72469	103	5825		RNSB_2ENC30818_GT069_STN_103_A1_0290_123626.JPG	9.01	0.63
06/08/2018	12:36:51	RNSB069	54.53409	-0.72456	103	5826		RNSB_2ENC30818_GT069_STN_103_A1_0291_123651.JPG	11.58	0.67
06/08/2018	12:37:20	RNSB069	54.53406	-0.72442	103	5827		RNSB_2ENC30818_GT069_STN_103_A1_0292_123719.JPG	9.14	0.62

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06/08/2018	12:37:58	RNSB069	54.53401	-0.72426	103	5828		RNSB_2ENC30818_GT069_STN_103_A1_0293_123757.JPG	8.30	0.61
06/08/2018	12:38:26	RNSB069	54.53397	-0.72413	103	5829		RNSB_2ENC30818_GT069_STN_103_A1_0294_123825.JPG	7.73	0.68
06/08/2018	12:38:52	RNSB069	54.53392	-0.72402	103	5830		RNSB_2ENC30818_GT069_STN_103_A1_0295_123851.JPG	7.81	0.68
06/08/2018	12:39:27	RNSB069	54.53383	-0.72391	103	5831		RNSB_2ENC30818_GT069_STN_103_A1_0296_123926.JPG	9.60	0.72
06/08/2018	12:40:08	RNSB069	54.53370	-0.72377	103	5832		RNSB_2ENC30818_GT069_STN_103_A1_0297_124008.JPG	7.84	0.74
06/08/2018	12:40:36	RNSB069	54.53363	-0.72369	103	5833		RNSB_2ENC30818_GT069_STN_103_A1_0298_124035.JPG	7.72	0.66
06/08/2018	12:40:59	RNSB069	54.53357	-0.72362	103	5834		RNSB_2ENC30818_GT069_STN_103_A1_0299_124058.JPG	7.92	0.64
06/08/2018	12:41:25	RNSB069	54.53351	-0.72354	103	5835		RNSB_2ENC30818_GT069_STN_103_A1_0300_124124.JPG	7.89	0.57
06/08/2018	12:41:51	RNSB069	54.53345	-0.72346	103	5836		RNSB_2ENC30818_GT069_STN_103_A1_0301_124150.JPG	7.31	0.61
06/08/2018	12:42:17	RNSB069	54.53340	-0.72335	103	5837	EoL	RNSB_2ENC30818_GT069_STN_103_A1_0302_124216.JPG	6.62	0.63
06/08/2018	12:46:08	RNSB081	54.53659	-0.72550	104	5838	SoL	RNSB_2ENC30818_GT081_STN_104_A1_0303_124607.JPG	12.18	0.39
06/08/2018	12:46:44	RNSB081	54.53668	-0.72574	104	5839		RNSB_2ENC30818_GT081_STN_104_A1_0304_124642.JPG	11.94	1.63
06/08/2018	12:47:12	RNSB081	54.53678	-0.72559	104	5840		RNSB_2ENC30818_GT081_STN_104_A1_0305_124711.JPG	11.45	1.47
06/08/2018	12:47:41	RNSB081	54.53675	-0.72538	104	5841		RNSB_2ENC30818_GT081_STN_104_A1_0306_124739.JPG	11.09	0.96
06/08/2018	12:48:04	RNSB081	54.53671	-0.72521	104	5842		RNSB_2ENC30818_GT081_STN_104_A1_0307_124802.JPG	10.78	0.90
06/08/2018	12:48:53	RNSB081	54.53666	-0.72505	104	5843		RNSB_2ENC30818_GT081_STN_104_A1_0308_124827.JPG	10.51	0.87
06/08/2018	12:48:53	RNSB081	54.53663	-0.72492	104	5844		RNSB_2ENC30818_GT081_STN_104_A1_0309_124850.JPG	9.57	0.77
06/08/2018	12:49:12	RNSB081	54.53660	-0.72482	104	5845		RNSB_2ENC30818_GT081_STN_104_A1_0310_124908.JPG	9.27	0.80
06/08/2018	12:49:31	RNSB081	54.53659	-0.72469	104	5846		RNSB_2ENC30818_GT081_STN_104_A1_0311_124930.JPG	9.85	0.74
06/08/2018	12:49:56	RNSB081	54.53656	-0.72453	104	5847		RNSB_2ENC30818_GT081_STN_104_A1_0312_124952.JPG	9.37	0.91
06/08/2018	12:50:17	RNSB081	54.53654	-0.72435	104	5848		RNSB_2ENC30818_GT081_STN_104_A1_0313_125014.JPG	9.10	1.27
06/08/2018	12:50:39	RNSB081	54.53651	-0.72413	104	5849		RNSB_2ENC30818_GT081_STN_104_A1_0314_125036.JPG	7.73	1.23
06/08/2018	12:51:15	RNSB081	54.53643	-0.72389	104	5850		RNSB_2ENC30818_GT081_STN_104_A1_0315_125113.JPG	7.65	0.97
06/08/2018	12:51:43	RNSB081	54.53633	-0.72380	104	5851		RNSB_2ENC30818_GT081_STN_104_A1_0316_125141.JPG	7.81	0.99
06/08/2018	12:52:16	RNSB081	54.53624	-0.72375	104	5852		RNSB_2ENC30818_GT081_STN_104_A1_0317_125212.JPG	7.95	0.79
06/08/2018	12:52:45	RNSB081	54.53617	-0.72352	104	5853		RNSB_2ENC30818_GT081_STN_104_A1_0318_125242.JPG	7.36	1.05

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	12:53:25	RNSB081	54.53605	-0.72328	104	5854		RNSB_2ENC30818_GT081_STN_104_A1_0319_125323.JPG	5.83	0.90
06/08/2018	12:54:02	RNSB081	54.53592	-0.72316	104	5855		RNSB_2ENC30818_GT081_STN_104_A1_0320_125356.JPG	5.19	0.89
06/08/2018	12:54:26	RNSB081	54.53584	-0.72309	104	5856	EoL	RNSB_2ENC30818_GT081_STN_104_A1_0321_125421.JPG	5.60	0.76
06/08/2018	13:06:17	RNSB104	54.55721	-0.71580	105	5857	SoL	RNSB_2ENC30818_GT104_STN_105_A1_0322_130616.JPG	35.88	0.72
06/08/2018	13:06:51	RNSB104	54.55727	-0.71559	105	5858		RNSB_2ENC30818_GT104_STN_105_A1_0323_130650.JPG	36.22	0.85
06/08/2018	13:07:26	RNSB104	54.55732	-0.71543	105	5859		RNSB_2ENC30818_GT104_STN_105_A1_0324_130718.JPG	36.34	0.81
06/08/2018	13:07:59	RNSB104	54.55738	-0.71520	105	5860		RNSB_2ENC30818_GT104_STN_105_A1_0325_130758.JPG	35.81	0.68
06/08/2018	13:08:26	RNSB104	54.55739	-0.71508	105	5861		RNSB_2ENC30818_GT104_STN_105_A1_0326_130822.JPG	35.33	0.65
06/08/2018	13:08:49	RNSB104	54.55742	-0.71497	105	5862		RNSB_2ENC30818_GT104_STN_105_A1_0327_130847.JPG	35.61	0.46
06/08/2018	13:09:23	RNSB104	54.55744	-0.71481	105	5863		RNSB_2ENC30818_GT104_STN_105_A1_0328_130921.JPG	35.26	0.64
06/08/2018	13:09:50	RNSB104	54.55747	-0.71468	105	5864		RNSB_2ENC30818_GT104_STN_105_A1_0329_130948.JPG	35.14	0.64
06/08/2018	13:10:26	RNSB104	54.55756	-0.71450	105	5865		RNSB_2ENC30818_GT104_STN_105_A1_0330_131025.JPG	35.40	0.81
06/08/2018	13:10:56	RNSB104	54.55761	-0.71437	105	5866		RNSB_2ENC30818_GT104_STN_105_A1_0331_131054.JPG	35.82	0.62
06/08/2018	13:11:23	RNSB104	54.55764	-0.71426	105	5867		RNSB_2ENC30818_GT104_STN_105_A1_0332_131122.JPG	35.74	0.51
06/08/2018	13:11:44	RNSB104	54.55769	-0.71414	105	5868		RNSB_2ENC30818_GT104_STN_105_A1_0333_131142.JPG	35.96	0.86
06/08/2018	13:12:14	RNSB104	54.55773	-0.71399	105	5869		RNSB_2ENC30818_GT104_STN_105_A1_0334_131212.JPG	36.13	0.63
06/08/2018	13:12:44	RNSB104	54.55773	-0.71385	105	5870		RNSB_2ENC30818_GT104_STN_105_A1_0335_131243.JPG	35.99	0.57
06/08/2018	13:13:11	RNSB104	54.55775	-0.71374	105	5871		RNSB_2ENC30818_GT104_STN_105_A1_0336_131310.JPG	36.27	0.61
06/08/2018	13:13:35	RNSB104	54.55776	-0.71364	105	5872	EoL	RNSB_2ENC30818_GT104_STN_105_A1_0337_131334.JPG	36.33	0.47
06/08/2018	13:21:43	RNSB100	54.57060	-0.70966	106	5873	SoL	RNSB_2ENC30818_GT100_STN_106_A1_0338_132141.JPG	1.55	0.44
06/08/2018	13:22:25	RNSB100	54.57064	-0.70944	106	5874		RNSB_2ENC30818_GT100_STN_106_A1_0339_132221.JPG	42.40	0.68
06/08/2018	13:23:07	RNSB100	54.57063	-0.70926	106	5875		RNSB_2ENC30818_GT100_STN_106_A1_0340_132304.JPG	42.15	0.45
06/08/2018	13:23:45	RNSB100	54.57060	-0.70909	106	5876		RNSB_2ENC30818_GT100_STN_106_A1_0341_132344.JPG	42.43	0.63
06/08/2018	13:24:36	RNSB100	54.57059	-0.70891	106	5877		RNSB_2ENC30818_GT100_STN_106_A1_0342_132434.JPG	41.68	0.39
06/08/2018	13:25:17	RNSB100	54.57059	-0.70878	106	5878		RNSB_2ENC30818_GT100_STN_106_A1_0343_132515.JPG	41.96	0.41
06/08/2018	13:26:13	RNSB100	54.57061	-0.70861	106	5879		RNSB_2ENC30818_GT100_STN_106_A1_0344_132611.JPG	41.99	0.44

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	13:27:12	RNSB100	54.57064	-0.70846	106	5880		RNSB_2ENC30818_GT100_STN_106_A1_0345_132710.JPG	42.42	0.38
06/08/2018	13:28:03	RNSB100	54.57066	-0.70833	106	5881		RNSB_2ENC30818_GT100_STN_106_A1_0346_132802.JPG	42.50	0.26
06/08/2018	13:29:04	RNSB100	54.57071	-0.70818	106	5882		RNSB_2ENC30818_GT100_STN_106_A1_0347_132902.JPG	42.26	0.32
06/08/2018	13:30:01	RNSB100	54.57075	-0.70801	106	5883		RNSB_2ENC30818_GT100_STN_106_A1_0348_132958.JPG	42.52	0.44
06/08/2018	13:30:56	RNSB100	54.57079	-0.70781	106	5884		RNSB_2ENC30818_GT100_STN_106_A1_0349_133052.JPG	42.39	0.46
06/08/2018	13:31:31	RNSB100	54.57083	-0.70768	106	5885		RNSB_2ENC30818_GT100_STN_106_A1_0350_133130.JPG	42.41	0.46
06/08/2018	13:32:24	RNSB100	54.57087	-0.70751	106	5886		RNSB_2ENC30818_GT100_STN_106_A1_0351_133221.JPG	42.23	0.45
06/08/2018	13:33:01	RNSB100	54.57090	-0.70737	106	5887	EoL	RNSB_2ENC30818_GT100_STN_106_A1_0352_133300.JPG	42.44	0.46
06/08/2018	13:41:38	RNSB087	54.57344	-0.72482	107	5888	SoL	RNSB_2ENC30818_GT087_STN_107_A1_0353_134137.JPG	40.71	0.44
06/08/2018	13:42:14	RNSB087	54.57339	-0.72471	107	5889		RNSB_2ENC30818_GT087_STN_107_A1_0354_134213.JPG	40.87	0.63
06/08/2018	13:42:49	RNSB087	54.57337	-0.72459	107	5890		RNSB_2ENC30818_GT087_STN_107_A1_0355_134248.JPG	40.81	0.36
06/08/2018	13:43:26	RNSB087	54.57337	-0.72452	107	5891		RNSB_2ENC30818_GT087_STN_107_A1_0356_134325.JPG	40.63	0.15
06/08/2018	13:44:40	RNSB087	54.57327	-0.72438	107	5892		RNSB_2ENC30818_GT087_STN_107_A1_0357_134439.JPG	40.76	0.51
06/08/2018	13:45:23	RNSB087	54.57319	-0.72429	107	5893		RNSB_2ENC30818_GT087_STN_107_A1_0358_134521.JPG	40.65	0.52
06/08/2018	13:46:10	RNSB087	54.57309	-0.72422	107	5894		RNSB_2ENC30818_GT087_STN_107_A1_0359_134609.JPG	40.51	0.40
06/08/2018	13:46:55	RNSB087	54.57302	-0.72410	107	5895		RNSB_2ENC30818_GT087_STN_107_A1_0360_134654.JPG	40.35	0.73
06/08/2018	13:47:45	RNSB087	54.57290	-0.72396	107	5896		RNSB_2ENC30818_GT087_STN_107_A1_0361_134745.JPG	40.18	0.58
06/08/2018	13:48:54	RNSB087	54.57281	-0.72384	107	5897		RNSB_2ENC30818_GT087_STN_107_A1_0362_134853.JPG	40.25	0.27
06/08/2018	13:49:52	RNSB087	54.57270	-0.72369	107	5898		RNSB_2ENC30818_GT087_STN_107_A1_0363_134950.JPG	40.06	0.50
06/08/2018	13:50:45	RNSB087	54.57257	-0.72357	107	5899		RNSB_2ENC30818_GT087_STN_107_A1_0364_135044.JPG	40.06	0.53
06/08/2018	13:52:00	RNSB087	54.57241	-0.72341	107	Missed fix		RNSB_2ENC30818_GT087_STN_107_A1_0365_135159.JPG	40.29	0.51
06/08/2018	13:52:42	RNSB087	54.57232	-0.72329	107	5900		RNSB_2ENC30818_GT087_STN_107_A1_0366_135241.JPG	40.03	0.53
06/08/2018	13:53:16	RNSB087	54.57225	-0.72321	107	5901		RNSB_2ENC30818_GT087_STN_107_A1_0367_135314.JPG	40.25	0.47
06/08/2018	13:54:10	RNSB087	54.57217	-0.72312	107	5902	EoL		40.34	0.53
06/08/2018	14:06:28	RNSB105	54.58762	-0.74517	108	5903	SoL	RNSB_2ENC30818_GT105_STN_108_A1_0369_140627.JPG	45.51	0.35
06/08/2018	14:07:25	RNSB105	54.58745	-0.74491	108	5904		RNSB_2ENC30818_GT105_STN_108_A1_0370_140724.JPG	45.60	1.08

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Fix Description	Still Label	Water Depth	SOG (knots)
06/08/2018	14:08:26	RNSB105	54.58731	-0.74467	108	5905		RNSB_2ENC30818_GT105_STN_108_A1_0371_140825.JPG	44.95	0.57
06/08/2018	14:09:17	RNSB105	54.58717	-0.74452	108	5906		RNSB_2ENC30818_GT105_STN_108_A1_0372_140916.JPG	45.45	0.89
06/08/2018	14:10:00	RNSB105	54.58709	-0.74438	108	5907		RNSB_2ENC30818_GT105_STN_108_A1_0373_140958.JPG	45.38	0.34
06/08/2018	14:11:05	RNSB105	54.58691	-0.74418	108	5908		RNSB_2ENC30818_GT105_STN_108_A1_0374_141104.JPG	45.54	0.74
06/08/2018	14:11:51	RNSB105	54.58680	-0.74404	108	5909		RNSB_2ENC30818_GT105_STN_108_A1_0375_141149.JPG	45.59	0.64
06/08/2018	14:12:26	RNSB105	54.58671	-0.74393	108	5910		RNSB_2ENC30818_GT105_STN_108_A1_0376_141225.JPG	45.32	0.62
06/08/2018	14:13:09	RNSB105	54.58666	-0.74380	108	5911		RNSB_2ENC30818_GT105_STN_108_A1_0377_141308.JPG	45.56	0.46
06/08/2018	14:13:48	RNSB105	54.58664	-0.74370	108	5912		RNSB_2ENC30818_GT105_STN_108_A1_0378_141347.JPG	45.80	0.20
06/08/2018	14:14:37	RNSB105	54.58661	-0.74359	108	5913		RNSB_2ENC30818_GT105_STN_108_A1_0379_141436.JPG	45.60	0.58
06/08/2018	14:15:24	RNSB105	54.58651	-0.74339	108	5914		RNSB_2ENC30818_GT105_STN_108_A1_0380_141524.JPG	45.75	0.62
06/08/2018	14:16:29	RNSB105	54.58640	-0.74321	108	5915		RNSB_2ENC30818_GT105_STN_108_A1_0381_141628.JPG	45.54	0.47
06/08/2018	14:17:03	RNSB105	54.58635	-0.74311	108	5916	EoL	RNSB_2ENC30818_GT105_STN_108_A1_0382_141701.JPG	45.44	0.46

7.7 Grab Survey Metadata

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Water depth (m)	Sediment vol. (litres) calculated	Sediment use
Sampling gear = Mini-Hamon Grab, sieve mesh = 1 mm									
12/06/2018	07:09	RNSB52	54.61025	-0.77067	1	Fix_4901	45.81	-	Discarded
12/06/2018	07:16	RNSB52	54.61052	-0.77099	1	Fix_4902	46.54	1.1	PSA
12/06/2018	07:21	RNSB52	54.61036	-0.77079	1	Fix_4903	45.77	-	Discarded
12/06/2018	07:32	RNSB51	54.59859	-0.74650	2	Fix_4904	45.05	-	Discarded
12/06/2018	07:38	RNSB51	54.59887	-0.74642	2	Fix_4905	45.10	-	Discarded
12/06/2018	07:45	RNSB51	54.59831	-0.74661	2	Fix_4906	45.13	-	Misfire
12/06/2018	07:49	RNSB51	54.59874	-0.74703	2	Fix_4907	44.80	-	Discarded
12/06/2018	08:03	RNSB41	54.57986	-0.72596	3	Fix_4908	41.40	-	Misfire
12/06/2018	08:08	RNSB41	54.57994	-0.72504	3	Fix_4909	41.96	-	Discarded
12/06/2018	08:14	RNSB41	54.57974	-0.72493	3	Fix_4910	43.28	10.2	Biota + PSA
12/06/2018	08:22	RNSB42	54.57601	-0.71623	4	Fix_4911	39.56	-	Discarded
12/06/2018	08:28	RNSB42	54.57641	-0.71634	4	Fix_4912	39.24	-	Discarded
12/06/2018	08:33	RNSB42	54.57629	-0.71659	4	Fix_4913	38.73	-	Discarded
12/06/2018	08:43	RNSB50	54.58205	-0.70169	5	Fix_4914	43.68	-	Discarded
12/06/2018	08:54	RNSB50	54.58208	-0.70181	5	Fix_4915	44.32	1.0	PSA
12/06/2018	08:59	RNSB50	54.58207	-0.70201	5	Fix_4916	43.78	-	Discarded
12/06/2018	09:09	RNSB49	54.57370	-0.68617	6	Fix_4917	42.81	-	Discarded
12/06/2018	09:16	RNSB49	54.57402	-0.68615	6	Fix_4918	42.90	-	Discarded
12/06/2018	09:22	RNSB49	54.57400	-0.68674	6	Fix_4919	43.07	-	Discarded
12/06/2018	09:29	RNSB49	54.57393	-0.68656	6	Fix_4920	42.78	4.8	Biota + PSA
12/06/2018	09:45	RNSB47	54.56072	-0.64362	7	Fix_4921	45.17	-	Misfire
12/06/2018	09:49	RNSB47	54.56070	-0.64393	7	Fix_4922	45.51	-	Discarded
12/06/2018	09:59	RNSB47	54.56091	-0.64409	7	Fix_4923	45.45	2.4	PSA
12/06/2018	10:14	RNSB47	54.56059	-0.64371	7	Fix_4924	45.48	-	Discarded
12/06/2018	10:21	RNSB3	54.55669	-0.65195	8	Fix_4925	44.44	0.3	Discarded
12/06/2018	10:26	RNSB3	54.55677	-0.65191	8	Fix_4926	44.27	0.3	Discarded
12/06/2018	10:31	RNSB3	54.55662	-0.65231	8	Fix_4927	43.42	0.2	Discarded
12/06/2018	10:38	RNSB53	54.55259	-0.64460	9	Fix_4928	46.92	-	Discarded
12/06/2018	10:43	RNSB53	54.55232	-0.64442	9	Fix_4929	47.17	-	Discarded
12/06/2018	10:48	RNSB53	54.55253	-0.64433	9	Fix_4930	47.16	-	Discarded
12/06/2018	10:56	RNSB35	54.54754	-0.64124	10	Fix_4931	48.85	0.2	Discarded

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Water depth (m)	Sediment vol. (litres) calculated	Sediment use
12/06/2018	11:01	RNSB35	54.54778	-0.64130	10	Fix_4932	47.91	7.7	Biota + PSA
12/06/2018	11:10	RNSB35	54.54758	-0.64113	10	Fix_4933	47.82	7.2	Discarded
12/06/2018	11:27	RNSB36	54.55201	-0.63673	11	Fix_4934	49.94	3.2	Discarded
12/06/2018	11:32	RNSB36	54.55220	-0.63705	11	Fix_4935	49.95	4.5	Biota + PSA
12/06/2018	11:40	RNSB36	54.55230	-0.63715	11	Fix_4936	49.94	4.3	Discarded
12/06/2018	12:27	RNSB43	54.58186	-0.76203	12	Fix_4937	45.26	-	Discarded
12/06/2018	12:32	RNSB43	54.58237	-0.76304	12	Fix_4938	45.36	7.0	Biota + PSA
12/06/2018	12:43	RNSB38	54.58732	-0.75680	13	Fix_4939	48.39	9.6	Biota + PSA
12/06/2018	12:55	RNSB39	54.59646	-0.76156	14	Fix_4940	48.67	4.6	Biota + PSA
12/06/2018	13:01	RNSB39	54.59647	-0.76165	14	Fix_4941	48.77	1.3	Discarded
12/06/2018	13:06	RNSB39	54.59628	-0.76178	14	Fix_4942	48.86	1.1	Discarded
12/06/2018	13:14	RNSB40	54.60016	-0.76380	15	Fix_4943	50.46	6.4	Biota + PSA
12/06/2018	13:24	RNSB10	54.59480	-0.76850	16	Fix_4944	50.21	-	Misfire
12/06/2018	13:29	RNSB10	54.59523	-0.76974	16	Fix_4945	50.63	11.2	Biota + PSA
12/06/2018	13:37	RNSB8	54.59081	-0.77598	17	Fix_4946	47.72	5.3	Biota + PSA
12/06/2018	13:50	RNSB6	54.58688	-0.77604	18	Fix_4947	46.19	11.2	Biota + PSA
12/06/2018	13:57	RNSB7	54.58595	-0.76961	19	Fix_4948	46.82	0.3	Discarded
12/06/2018	14:03	RNSB7	54.58590	-0.76924	19	Fix_4949	46.85	9.6	Biota + PSA
12/06/2018	14:15	RNSB25	54.59491	-0.78328	20	Fix_4950	49.09	4.6	Discarded
12/06/2018	14:21	RNSB25	54.59500	-0.78300	20	Fix_4951	49.05	5.3	Biota + PSA
12/06/2018	14:27	RNSB25	54.59491	-0.78294	20	Fix_4952	49.04	4.8	Discarded
12/06/2018	14:34	RNSB9	54.59753	-0.78036	21	Fix_4953	49.97	-	Misfire
12/06/2018	14:38	RNSB9	54.59756	-0.78047	21	Fix_4954	50.23	8.0	Biota + PSA
13/06/2018	07:25	RNSB11	54.58050	-0.77332	22	Fix_4955	39.39	12.0	Biota + PSA
13/06/2018	07:32	RNSB5	54.57456	-0.76529	23	Fix_4956	36.09	12.0	Biota + PSA
13/06/2018	07:39	RNSB44	54.57458	-0.76113	24	Fix_4957	36.56	-	Discarded
13/06/2018	07:43	RNSB44	54.57470	-0.76132	24	Fix_4958	36.38	7.4	Biota + PSA
13/06/2018	07:53	RNSB45	54.57063	-0.74615	25	Fix_4959	36.72	-	Discarded
13/06/2018	07:58	RNSB45	54.57084	-0.74612	25	Fix_4960	36.66	-	Discarded
13/06/2018	08:02	RNSB45	54.57051	-0.74596	25	Fix_4961	36.11	-	Discarded
13/06/2018	08:14	RNSB46	54.56466	-0.72228	26	Fix_4962	35.83	-	Discarded
13/06/2018	08:18	RNSB46	54.56445	-0.72198	26	Fix_4963	35.23	-	Discarded
13/06/2018	08:22	RNSB46	54.56455	-0.72188	26	Fix_4964	34.90	-	Discarded
13/06/2018	08:33	RNSB48	54.56274	-0.69816	27	Fix_4965	36.56	0.3	Discarded
13/06/2018	08:38	RNSB48	54.56275	-0.69760	27	Fix_4966	35.84	-	Discarded

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Water depth (m)	Sediment vol. (litres) calculated	Sediment use
13/06/2018	08:42	RNSB48	54.56263	-0.69754	27	Fix_4967	35.72	1.8	PSA
13/06/2018	08:57	RNSB37	54.55030	-0.65870	28	Fix_4968	45.78	11.2	Biota + PSA
13/06/2018	09:07	RNSB19	54.53894	-0.64972	29	Fix_4969	37.46	3.5	Discarded
13/06/2018	09:12	RNSB19	54.53911	-0.64960	29	Fix_4970	37.89	2.2	Discarded
13/06/2018	09:17	RNSB19	54.53873	-0.64940	29	Fix_4971	38.31	7.5	Biota + PSA
13/06/2018	09:42	RNSB29	54.53842	-0.65545	30	Fix_4972	35.35	11.2	Biota + PSA
13/06/2018	09:49	RNSB34	54.53519	-0.65531	31	Fix_4973	31.55	2.1	Discarded
13/06/2018	09:53	RNSB34	54.53509	-0.65469	31	Fix_4974	31.73	1.9	Discarded
13/06/2018	09:57	RNSB34	54.53506	-0.65516	31	Fix_4975	31.58	2.2	PSA
13/06/2018	10:06	RNSB30	54.53196	-0.66026	32	Fix_4976	28.22	1.3	Discarded
13/06/2018	10:10	RNSB30	54.53195	-0.66037	32	Fix_4977	28.09	1.6	PSA
13/06/2018	10:14	RNSB30	54.53192	-0.66075	32	Fix_4978	27.63	1.1	Discarded
13/06/2018	10:27	RNSB33	54.53241	-0.66560	33	Fix_4979	27.96	1.6	Discarded
13/06/2018	10:31	RNSB33	54.53218	-0.66577	33	Fix_4980	27.98	1.1	PSA
13/06/2018	10:35	RNSB33	54.53256	-0.66585	33	Fix_4981	28.65	1.0	Discarded
13/06/2018	10:41	RNSB20	54.53677	-0.66242	34	Fix_4982	32.08	0.8	Discarded
13/06/2018	10:46	RNSB20	54.53640	-0.66182	34	Fix_4983	31.04	1.6	PSA
13/06/2018	10:49	RNSB20	54.53674	-0.66221	34	Fix_4984	31.88	0.8	Discarded
13/06/2018	10:55	RNSB18	54.53783	-0.67096	35	Fix_4985	30.98	0.8	Discarded
13/06/2018	10:59	RNSB18	54.53753	-0.67068	35	Fix_4986	30.93	0.6	Discarded
13/06/2018	11:03	RNSB18	54.53757	-0.67036	35	Fix_4987	31.02	2.4	PSA
13/06/2018	11:08	RNSB14	54.54058	-0.67167	36	Fix_4988	34.00	1.1	Discarded
13/06/2018	11:13	RNSB14	54.54050	-0.67123	36	Fix_4989	34.43	8.0	Biota + PSA
13/06/2018	11:20	RNSB28	54.53651	-0.67742	37	Fix_4990	29.76	2.4	PSA
13/06/2018	11:23	RNSB28	54.53680	-0.67759	37	Fix_4991	30.11	1.3	Discarded
13/06/2018	11:28	RNSB28	54.53664	-0.67743	37	Fix_4992	29.97	0.5	Discarded
13/06/2018	11:34	RNSB21	54.52944	-0.67943	38	Fix_4993	21.51	4.3	Discarded
13/06/2018	11:38	RNSB21	54.52959	-0.67958	38	Fix_4994	23.05	6.4	Biota + PSA
13/06/2018	11:44	RNSB13	54.52852	-0.68714	39	Fix_4995	15.23	0.3	Discarded
13/06/2018	11:47	RNSB13	54.52858	-0.68693	39	Fix_4996	15.77	0.5	Discarded
13/06/2018	11:49	RNSB13	54.52846	-0.68720	39	Fix_4997	15.57	1.0	PSA
13/06/2018	12:32	RNSB17	54.54285	-0.68693	40	Fix_4998	34.00	0.5	Discarded
13/06/2018	12:36	RNSB17	54.54277	-0.68755	40	Fix_4999	34.67	0.8	Discarded
13/06/2018	12:40	RNSB17	54.54265	-0.68793	40	Fix_5000	34.13	6.4	Biota + PSA
13/06/2018	12:46	RNSB12	54.54328	-0.69507	41	Fix_5001	33.76	0.2	Discarded

Date	Time UTC	Station Code	WGS84 Latitude DD.DDDDD	WGS84 Longitude DD.DDDDD	STN no.	Hpro fix no.	Water depth (m)	Sediment vol. (litres) calculated	Sediment use
13/06/2018	12:50	RNSB12	54.54343	-0.69497	41	Fix_5002	34.03	1.6	PSA
13/06/2018	12:54	RNSB12	54.54329	-0.69519	41	Fix_5003	33.74	0.2	Discarded
13/06/2018	13:01	RNSB16	54.54710	-0.70228	42	Fix_5004	33.35	4.5	Discarded
13/06/2018	13:06	RNSB16	54.54698	-0.70202	42	Fix_5005	32.77	4.6	Discarded
13/06/2018	13:10	RNSB16	54.54698	-0.70188	42	Fix_5006	33.56	4.8	Biota + PSA
13/06/2018	13:17	RNSB27	54.55056	-0.71360	43	Fix_5007	32.58	0.5	Discarded
13/06/2018	13:20	RNSB27	54.55047	-0.71314	43	Fix_5008	32.98	1.6	PSA
13/06/2018	13:24	RNSB27	54.55055	-0.71312	43	Fix_5009	32.48	0.3	Discarded
13/06/2018	13:30	RNSB31	54.55156	-0.71870	44	Fix_5010	32.16	1.0	PSA
13/06/2018	13:34	RNSB31	54.55174	-0.71866	44	Fix_5011	31.72	0.6	Discarded
13/06/2018	13:38	RNSB31	54.55158	-0.71862	44	Fix_5012	31.72	0.3	Discarded
13/06/2018	13:46	RNSB24	54.55656	-0.73005	45	Fix_5013	31.72	0.2	Discarded
13/06/2018	13:50	RNSB24	54.55626	-0.73055	45	Fix_5014	31.72	0.3	Discarded
13/06/2018	13:54	RNSB24	54.55649	-0.73063	45	Fix_5015	31.72	1.1	PSA
13/06/2018	14:07	RNSB1	54.56300	-0.74110	46	Fix_5016	37.10	4.0	Discarded
13/06/2018	14:11	RNSB1	54.56270	-0.74102	46	Fix_5017	36.39	11.2	Biota + PSA
13/06/2018	14:20	RNSB2	54.56698	-0.75680	47	Fix_5018	36.44	8.0	Biota + PSA
13/06/2018	14:27	RNSB23	54.56998	-0.76899	48	Fix_5019	34.30	2.7	Discarded
13/06/2018	14:33	RNSB23	54.56998	-0.76882	48	Fix_5020	35.05	-	Misfire
13/06/2018	14:36	RNSB23	54.56986	-0.76872	48	Fix_5021	34.04	8.0	Biota + PSA
13/06/2018	14:44	RNSB4	54.57276	-0.78463	49	Fix_5022	30.73	2.4	Discarded
13/06/2018	14:48	RNSB4	54.57254	-0.78434	49	Fix_5023	30.28	7.2	Biota + PSA
13/06/2018	14:55	RNSB26	54.57507	-0.78304	50	Fix_5024	33.10	4.5	Discarded
13/06/2018	15:01	RNSB26	54.57495	-0.78349	50	Fix_5025	32.51	12.0	Biota + PSA
15/06/2018	06:56	RNSB9	54.59754	-0.78044	51	Fix_5026	49.31	-	Sediment chemistry
15/06/2018	07:13	RNSB11	54.58052	-0.77338	52	Fix_5027	40.91	-	Sediment chemistry
15/06/2018	07:30	RNSB4	54.57277	-0.78464	53	Fix_5028	29.08	-	Sediment chemistry
15/06/2018	07:49	RNSB2	54.56682	-0.75706	54	Fix_5029	34.26	-	Sediment chemistry
15/06/2018	08:02	RNSB1	54.56283	-0.74106	55	Fix_5030	34.44	-	Sediment chemistry
15/06/2018	08:25	RNSB12	54.54338	-0.69506	56	Fix_5031	32.43	-	Sediment chemistry
15/06/2018	08:34	RNSB12	54.54340	-0.69508	56	Fix_5032	32.19	-	Sediment chemistry
15/06/2018	08:54	RNSB22	54.54465	-0.72445	57	Fix_5033	19.50	1.4	Discarded
15/06/2018	08:58	RNSB22	54.54455	-0.72413	57	Fix_5034	19.63	1.6	Discarded
15/06/2018	09:01	RNSB22	54.54441	-0.72388	57	Fix_5035	19.40	1.9	PSA
15/06/2018	09:11	RNSB15	54.53878	-0.72975	58	Fix_5036	12.68	1.0	Discarded

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15/06/2018	09:14	RNSB15	54.53875	-0.72994	58	Fix_5037	12.61	3.0	PSA
15/06/2018	09:17	RNSB15	54.53877	-0.72977	58	Fix_5038	12.40	1.3	Discarded
15/06/2018	09:34	RNSB32	54.53554	-0.73165	59	Fix_5039	13.93	2.4	Discarded
15/06/2018	09:37	RNSB32	54.53570	-0.73233	59	Fix_5040	14.07	4.6	Biota + PSA
15/06/2018	09:42	RNSB32	54.53547	-0.73248	59	Fix_5041	12.82	3.5	Discarded

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