

**NEATH PORT AUTHORITY****MAINTENANCE DREDGING RECORD**

NAME OF VESSEL:	PENFRET	CAMPAIGN No:	131
MASTER:	C. Holloway.	TRIP No:	01
PILOT/PILOTS'S:	J. Voisey.		
DATE:	29/05/2018	Time Boarded:	0515
		Break Away:	W From Newport.
Tide HW	0703.	Tide Height:	7.2m.

NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

Section Numbers	Starboard Side Lines 0 - 25	Centre Channel Lines 0 - 25	Port Side Lines 0 - 40	Start	Stop
0		✓		0505	
↓	✓				
	✓				
↓	✓				
47		✓			
↓		✓			
			✓		
↓			✓		
30.		✓			0655

Calculated m3 Dredged	775.0 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,162.50 ^T	Time Dredge Completed:	0455.
				Time Berthed:	0725

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM

51' 36. 690N / 003' 51. 530W 051' 36. 990N / 003' 51. 110W 051' 37. 160N / 003' 50. 870W



20m

10m

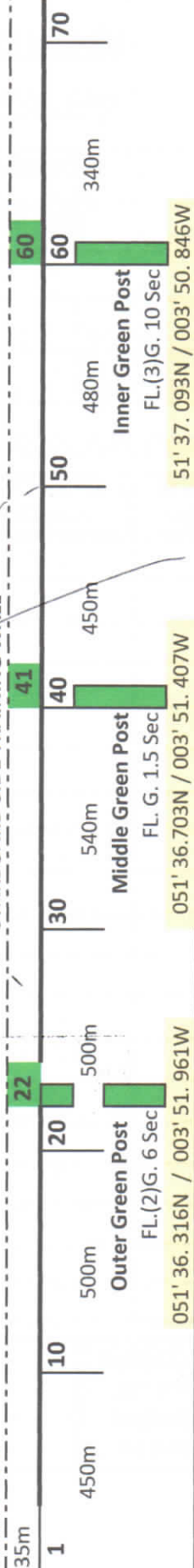
START

FL. R. 10 Sec

20m

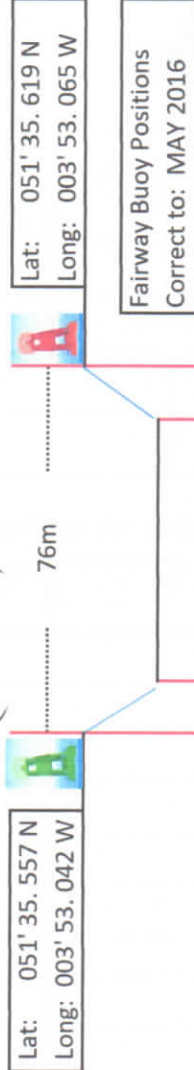
START POINT

STARBOARD SIDE TRAINING WALL



Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM

SAND BANK (SEE PICTURES)



DATE:	29/05/2018	CAMPAIGN No:	131
SHIP	PENFRET	TRIP No:	01



NEATH PORT AUTHORITY

MAINTENANCE DREDGING RECORD

NAME OF VESSEL:	PENFRET		CAMPAIGN No:	131	
MASTER:	C. HOLLOWAY		TRIP No:	02	
PILOT/PILOTS'S:	J. VOISEY				
DATE:	29/05/2018	Time Boarded:	1645.	Break Away:	
Tide HW	1922	Tide Height:	7.3m		

NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

Section Numbers	Starboard Side Lines 0 - 25	Centre Channel Lines 0 - 25	Port Side Lines 0 - 40	Start	Stop
52		✓		1730	
↓	✓				
	✓				
	✓				
↓					
0		✓			
↓	✓				
53	✓				1935

Calculated m3 Dredged	762.8 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,144.20	Time Dredge Completed:	1935
				Time Berthed:	2000.

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM

51° 36. 690N / 003° 51. 530W 051° 36. 990N / 003° 51. 110W 051° 37. 160N / 003° 50. 870W



20m

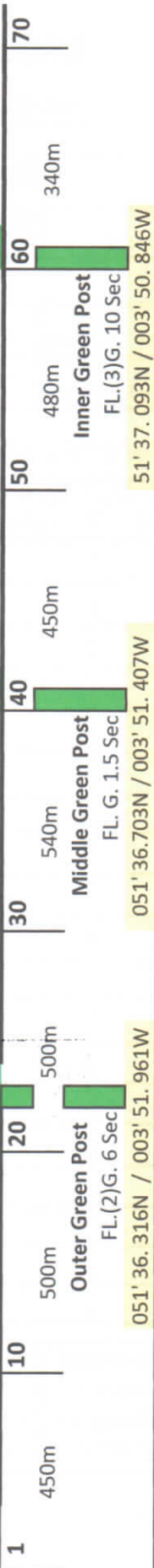
10m

10m

20m

START POINT

35m



051° 36. 316N / 003° 51. 961W

051° 36. 703N / 003° 51. 407W

51° 37. 093N / 003° 50. 846W

Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM

Lat: 051° 35. 557 N
Long: 003° 53. 042 W



Lat: 051° 35. 619 N
Long: 003° 53. 065 W

Fairway Buoy Positions
Correct to: MAY 2016

DATE:	29/05/2018	CAMPAIGN No:	131
SHIP	Penfleet	TRIP No:	02

**MAINTENANCE DREDGING RECORD**

NAME OF VESSEL:	PENFRET	CAMPAIGN No:	131
MASTER:	C. HOLLOWAY	TRIP No:	03
PILOT/PILOTS'S:	J. VOISEY.		
DATE:	30/05/2018	Time Boarded	0505
		Break Away:	
Tide HW	0741	Tide Height:	7.2m

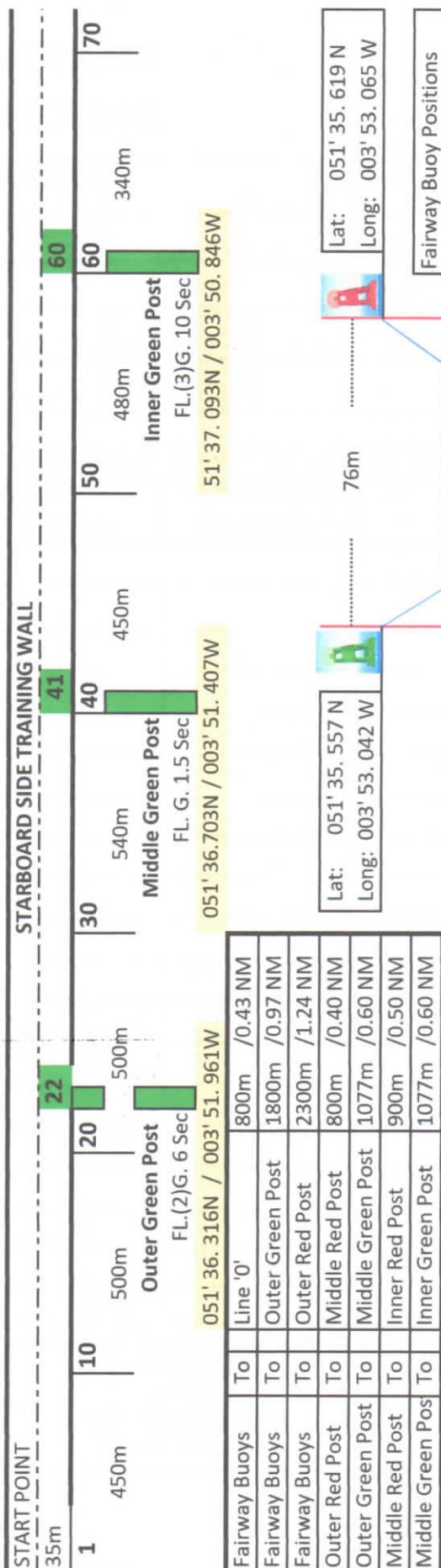
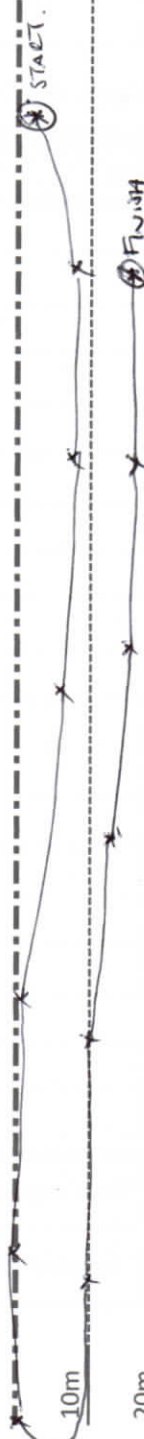
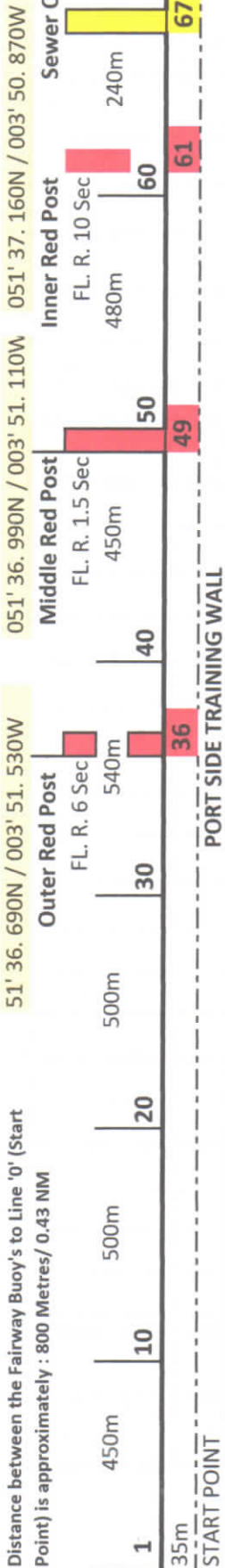
NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

[illegible]

Calculated m3 Dredged	752.1 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,128.15 ^T	Time Dredge Completed:	0755
				Time Berthed:	0820

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM



Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM



DATE:	30/05/2018	CAMPAIGN No:	131
SHIP	PENFRET	TRIP No:	03

MAINTENANCE DREDGING RECORD

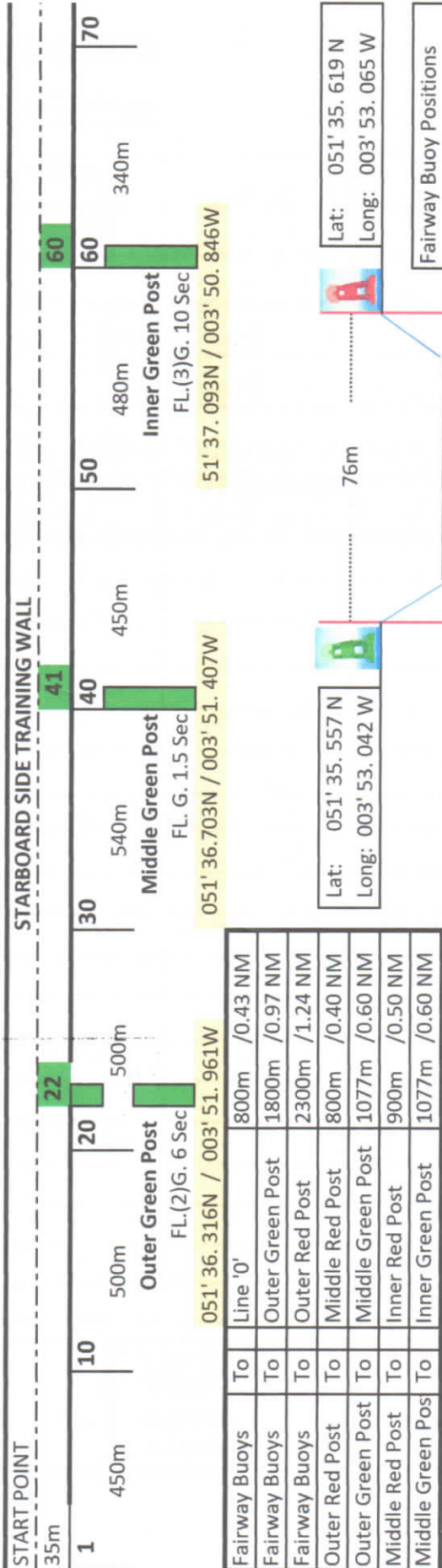
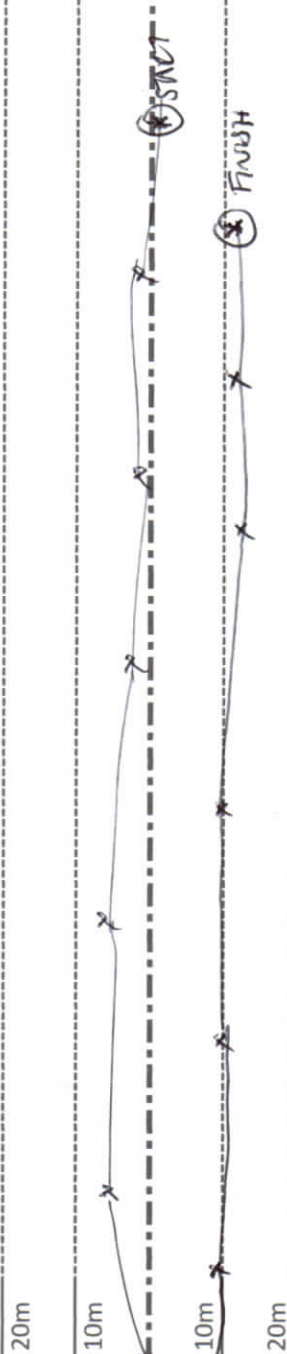
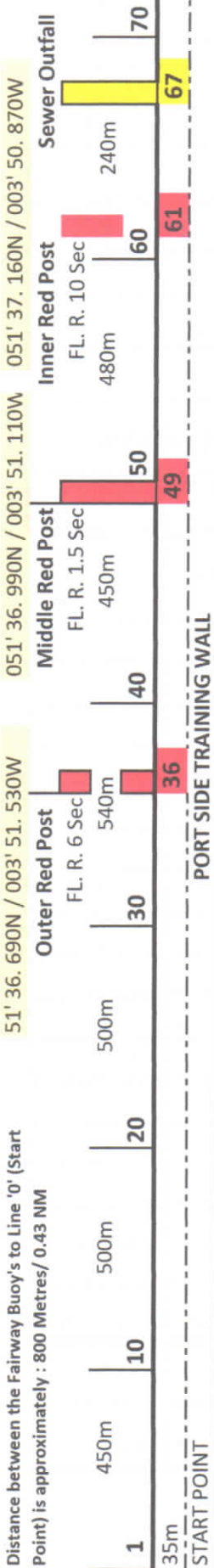
NAME OF VESSEL:	PENFRET	CAMPAIGN No:	131
MASTER:	C. HOLLOWAY	TRIP No:	04
PILOT/PILOTS'S:	J. VOISEY		
DATE:	30/05/2018	Time Boarded	01730
		Break Away:	1745
Tide HW	1959	Tide Height:	7.3m.

[illegible]

Calculated m3 Dredged	749.4 m ³ .	Calculated Tonnes Dredged (m3 x 1.5)	1,124.1 T	Time Dredge Completed:	2015.
				Time Berthed:	2035

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM



DATE:	30/05/2018	CAMPAIGN No:	131
SHIP:	PENFRET	TRIP No:	04

Lat: 051° 35. 557 N Long: 003° 53. 042 W	76m	Lat: 051° 35. 619 N Long: 003° 53. 065 W
Outer Green Post	50m	Inner Green Post
Middle Green Post	13m	Inner Red Post
Inner Green Post	13m	Outer Red Post



NEATH PORT AUTHORITY

MAINTENANCE DREDGING RECORD

NAME OF VESSEL:	PENFRET	CAMPAIGN No:	131
MASTER:	C. HOLLOWAY	TRIP No:	05
PILOT/PILOTS'S:	J. VOISEY		
DATE:	31/05/2018	Time Boarded	0540
		Break Away:	0555
Tide HW	0816	Tide Height:	7.1m

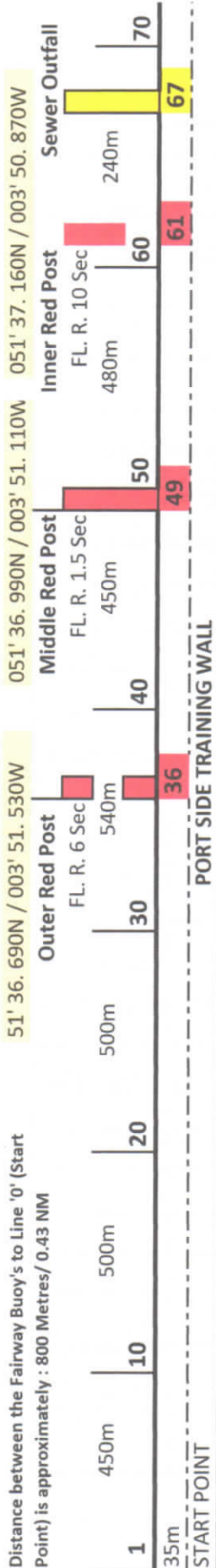
NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

Section Numbers	Starboard Side Lines 0 - 25	Centre Channel Lines 0 - 25	Port Side Lines 0 - 40	Start	Stop
48		✓		0620	
↓	✓				
	✓				
	✓				
	✓				
↓	✓				
0	✓				
↓	✓				
47	✓				0825

Calculated m3 Dredged	775.9 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,163.85 ^T	Time Dredge Completed:	0825
				Time Berthed:	0850

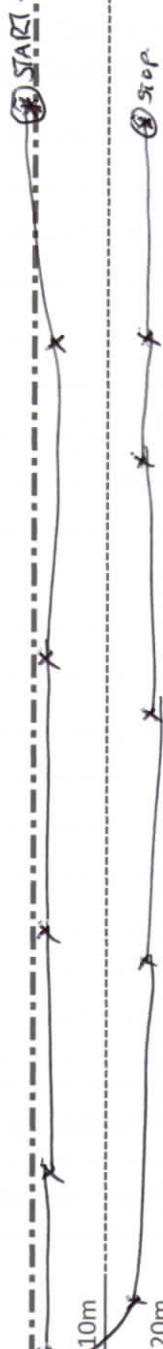
RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM



20m

10m



START POINT

35m



Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM

Lat: 051° 35. 557 N
Long: 003° 53. 042 W



Lat: 051° 35. 619 N
Long: 003° 53. 065 W



Fairway Buoy Positions
Correct to: MAY 2016

DATE:	31/05/2018	CAMPAIGN No:	131
SHIP	PENFRET	TRIP No:	05



NEATH PORT AUTHORITY

MAINTENANCE DREDGING RECORD

NAME OF VESSEL:	PENFRET.		CAMPAIGN No:	131	
MASTER:	C. HOLLOWAY		TRIP No:	06.	
PILOT/PILOTS'S:	J. VOISEY.				
DATE:	31/05/2018	Time Boarded	1745	Break Away:	1815
Tide HW	2034	Tide Height:	7.3m		

NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

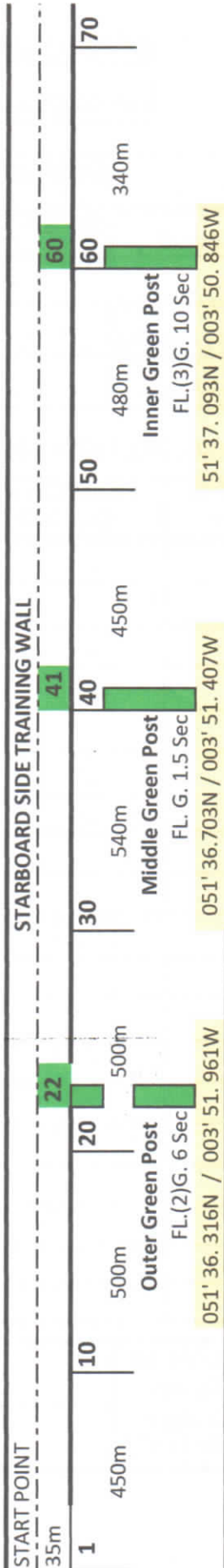
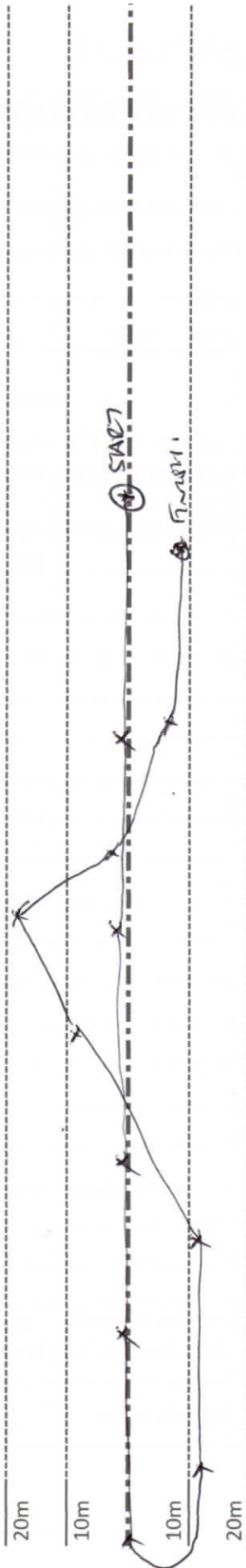
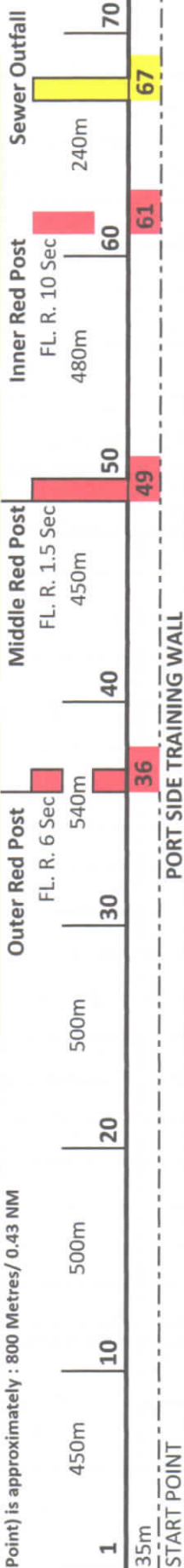
Section Numbers	Starboard Side Lines 0 - 25	Centre Channel Lines 0 - 25	Port Side Lines 0 - 40	Start	Stop
48		✓		1835	
↓		✓			
	✓	✓			
↓					
0		✓			
↓	✓				
		✓			
↓	✓				
50.	✓				2035

Calculated m3 Dredged	768.5 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,152.75 ^T	Time Dredge Completed:	2035
				Time Berthed:	

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM

51' 36. 690N / 003' 51. 530W 051' 36. 990N / 003' 51. 110W 051' 37. 160N / 003' 50. 870W



Fairway Buoys	To	Line '0'	800m /0.43 NM
Fairway Buoys	To	Outer Green Post	1800m /0.97 NM
Fairway Buoys	To	Outer Red Post	2300m /1.24 NM
Outer Red Post	To	Middle Red Post	800m /0.40 NM
Outer Green Post	To	Middle Green Post	1077m /0.60 NM
Middle Red Post	To	Inner Red Post	900m /0.50 NM
Middle Green Post	To	Inner Green Post	1077m /0.60 NM



DATE:	31/05/2018	CAMPAIGN No:	131
SHIP	PENFRET	TRIP No:	06

Lat: 051' 35. 557 N
Long: 003' 53. 042 W

Lat: 051' 35. 619 N
Long: 003' 53. 065 W

Fairway Buoy Positions
Correct to: MAY 2016



NEATH PORT AUTHORITY

MAINTENANCE DREDGING RECORD

NAME OF VESSEL:	PENFRET.	CAMPAIGN No:	131
MASTER:	C. Holloway	TRIP No:	07
PILOT/PILOTS'S:	J. Voisey		
DATE:	01/06/2018	Time Boarded	0615
		Break Away:	
Tide HW	0851	Tide Height:	7.0m

NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

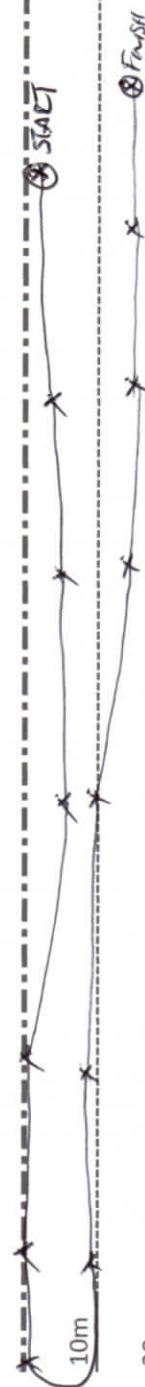
[illegible]

Calculated m3 Dredged	728.4 m ³ .	Calculated Tonnes Dredged (m3 x 1.5)	1,092.60	Time Dredge Completed:	0855
				Time Berthed:	0915

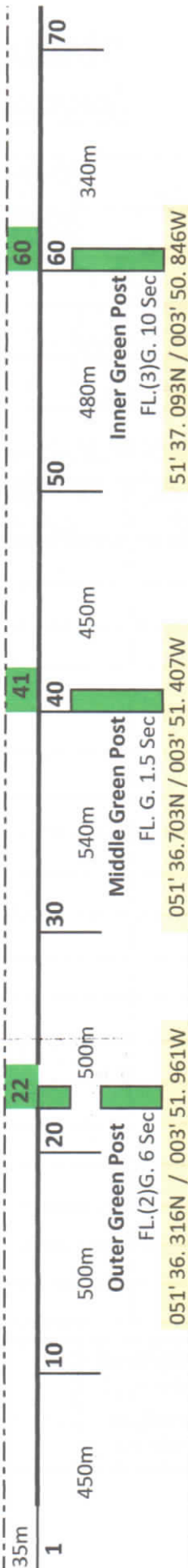
RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM

51' 36. 690N / 003' 51. 530W 051' 36. 990N / 003' 51. 110W 051' 37. 160N / 003' 50. 870W



STARBOARD SIDE TRAINING WALL



Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM



DATE:	01/06/2018	CAMPAIGN No:	131
SHIP	PENFLET	TRIP No:	07



NEATH PORT AUTHORITY

MAINTENANCE DREDGING RECORD

NAME OF VESSEL:	PENFRET	CAMPAIGN No:	131
MASTER:	C. HOLLOWAY	TRIP No:	08
PILOT/PILOTS'S:	J. VOISEY.		
DATE:	01/06/2018	Time Boarded	1825
		Break Away:	1845
Tide HW	2107	Tide Height:	7-1m

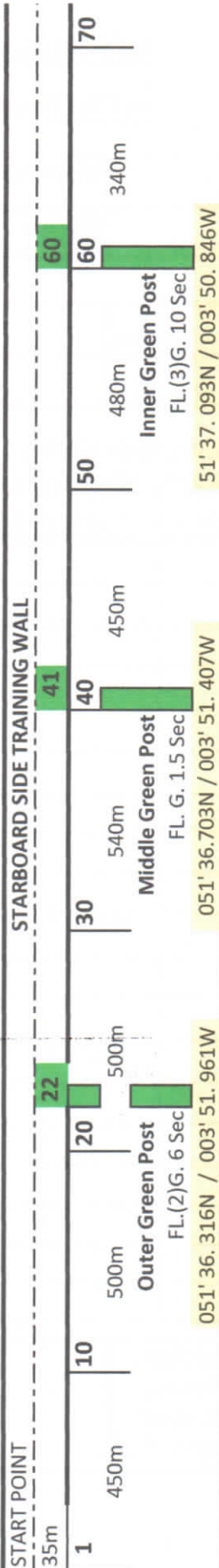
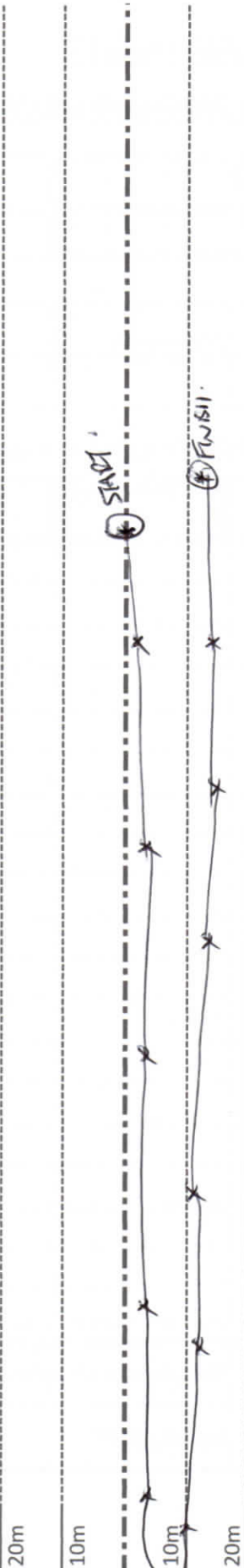
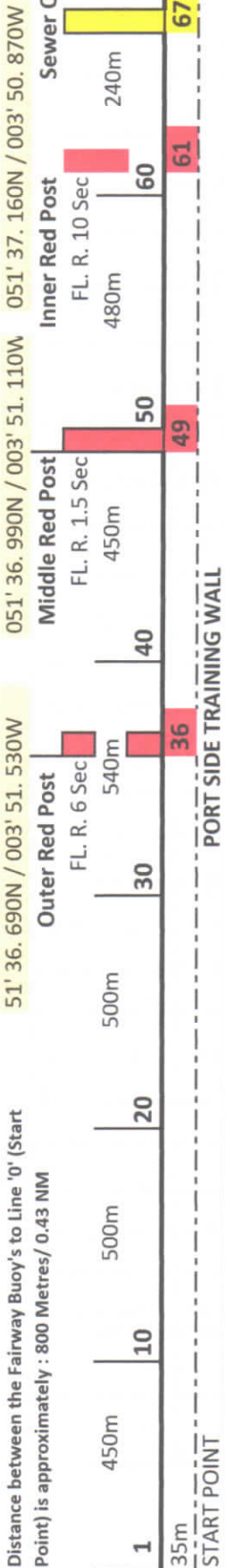
NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

Section Numbers	Starboard Side Lines 0 - 25	Centre Channel Lines 0 - 25	Port Side Lines 0 - 40	Start	Stop
48		✓		1910	
↓	✓				
	✓				
↓	✓				
0	✓				
↓	✓				
50	✓				2115

Calculated m3 Dredged	782.7m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,174.05 ^T	Time Dredge Completed:	2115.
				Time Berthed:	2135

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM



Fairway Buoys	To	Line '0'	800m	/0.43 NM
Fairway Buoys	To	Outer Green Post	1800m	/0.97 NM
Fairway Buoys	To	Outer Red Post	2300m	/1.24 NM
Outer Red Post	To	Middle Red Post	800m	/0.40 NM
Outer Green Post	To	Middle Green Post	1077m	/0.60 NM
Middle Red Post	To	Inner Red Post	900m	/0.50 NM
Middle Green Post	To	Inner Green Post	1077m	/0.60 NM



DATE:	01/06/2018	CAMPAIGN No:	13
SHIP	Penfret	TRIP No:	08

**MAINTENANCE DREDGING RECORD**

NAVIGABLE CHANNEL LOCATIONS TAKEN FROM LONGDIN & BROWNING CHARTS & SURVEY SECTIONS

Calculated m3 Dredged	788.9 m ³	Calculated Tonnes Dredged (m3 x 1.5)	1,183.35 ^T	Time Dredge Completed:	0940
				Time Berthed:	BACK TO NEWPORT

RIVER NEATH CHANNEL SURVEY LINES

Distance between the Fairway Buoy's to Line '0' (Start Point) is approximately : 800 Metres/ 0.43 NM

51' 36. 690N / 003' 51. 530W 051' 36. 990N / 003' 51. 110W 051' 37. 160N / 003' 50. 870W



20m

10m



20m

STARBOARD SIDE TRAINING WALL

START POINT
35m

1 450m

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

160

170

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200

210

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270

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360

370

380

390

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410

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770

780

790

800

810

820

830

840

850

860

870

880

890

900

910

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1120

1130

1140

1150

1160

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1190

1200

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2110

2120

2130

2140

2150

2160

2170

2180

2190

2200

2210

2220

2230

2240

2250

2260

2270

2280

2290

2300

2310

2320

2330

2340

2350

2360

2370

2380

2390

2400

2410

2420

2430

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2450

2460

2470

2480

2490

2500

2510

2520

2530

2540

2550

2560

2570

2580

2590

2600

2610

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2630

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2660

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2690

2700

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2800

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2900

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2920