

105191

CTD STATION LOG

Start date 12 / \_\_\_\_ / 1999 JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m Corrected Depth \_\_\_\_ m PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

OCNS 9906

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

#105191 OCNS OC354  
 OCEANUS (#99006)  
 New York Bight  
 Dec 3-7, 1999  
 B.Butman/P.Traykovski  
 CTD LOG

Comments:

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_\_

CTD\_data.pl

Converts data into ~~pe~~ matrix

CTD STATION LOG

Start date 12 / 05 / 1999

JD 359

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER CTDI Station D Test: Sea State 1 2345

SONIC DEPTH 26 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 12 knots m/s Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	<u>22:47:00</u>			40 39	73
DEEPEST				40 39	73
END	<u>22:47:00</u>			40 39	73

40 18.45N 73 36.16 (END)

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
<u>1</u>		<u>1</u>				<u>2-3</u>

Comments:

Test contact station D to see how CTD program works: Will use for part of 1st transect.

Observer: Ben G.

STA. NO. 001

CTD STATION LOG

Start date 12 / 05 / 1999

JD 339

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 002

Sea State 1 2 3 5

SONIC DEPTH 21.26.3 m Corrected Depth 26 m PDR Depth Above Bottom \_\_\_ m

Winch Speed 7.2 m/s Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	23: 51: 28			40 <del>39</del> 19.51	73 30.61
DEEPEST	23: 53 09			40 39	73
END	23: 55: 00			40 39 19.56	73 30.60

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.4m

Comments:

Station #2 at beginning of 1st CTD transect.  
 OC354002.dat  
 fired 1 bottle at bottom 2.4m cb.

Observer: Ben G.

STA. NO. 002

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 003

Sea State 123.45

SONIC DEPTH 26 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	0:58:00 @			40 39	73
DEEPEST				40 39	73
END	1:00:30			40 39	73

*in header.*  
40 17.15 73 40.55

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						1.5
2						1.6

Comments:

*2 bottles fired on bottom to ensure sample*

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_\_

- 25 -

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 004

Sea State 10345

SONIC DEPTH 32 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	1:34:22			40 <del>30</del> 16.23	73 44.50
DEEPEST	1:35:45			40 <del>30</del> 16.25	73 44.48
END	1:36:55			40 <del>30</del> 16.25	73 44.48

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.1
2						2.1

Comments:

2 bottles fired

Observer: Ben G.

STA. NO. \_\_\_

SS! → S7 full → S2

CTD STATION LOG

Start date 12/05/1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 005

Sea State 10345

SONIC DEPTH 60 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/s m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	2:00:18			40 38 15.74	73 46.82
DEEPEST	2:02:00			40 38 15.77	73 46.80
END	2:04:00 ~			40 38 15.8	73 46.76

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.4 ~
2						2.7 ~

Comments:

Altimeter readings difficult due to sea state  
could be 5-6 m off when bottles fired alt. read 2.4-2.7  
at firing Axis of hudson shelf valley

Observer: Benga

STA. NO. \_\_\_

## CTD STATION LOG

Start date 12 / 05 /1999JD 840

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 006Sea State 1 0 3 4 5SONIC DEPTH 31 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ mWinch Speed 30 ~~m/s~~ m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	2:27:20			40 <del>39</del> 15.43	73 48.06
DEEPEST	2:28:15			40 <del>39</del> 15.45	73 48.05
END	2:29:20			40 <del>39</del> 15.46	73 48.05

## Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.1
2						2.1

## Comments:

Observer: B. G.STA. NO. 06



20 21

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 007

Sea State 103 4 5

SONIC DEPTH 26 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	<u>3:02:36</u>			<u>40 30 14.8</u>	<u>73 51.01</u>
DEEPEST	<u>3:03:45</u>			<u>40 30 14.81</u>	<u>73 51.00</u>
END	<u>3:04:40</u>			<u>40 30 14.82</u>	<u>73 50.99</u>

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
<u>1</u>						<u>2.4</u>
<u>2</u>						<u>2.7</u>

Comments: Station E (mooring/tripod)

Observer: Ben G.

STA. NO. 007

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 008

Sea State 1 2 4 5

SONIC DEPTH 18.5 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	3:36:55			40 39' 14.19	73 55.12
DEEPEST	3:37:55			40 39' 14.21	73 55.12
END	3:38:41			40 39' 14.21	73 55.11

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.3
2						2.3

Comments: last station in 1st cross-valley transect

Observer: Ben G.

STA. NO. 008

20

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 009

Sea State 10345

SONIC DEPTH 25 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	5:08:20			40 <del>30</del> 28.70	73 47.63
DEEPEST	5:			40 <del>30</del> 28.	73 47.
END	5:12:30			40 <del>30</del> 28.66	73 47.53

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.4
2						2.5
3						18.8

Comments:

Begin downvalley transect.  
bottle also fired c. 5m below surface

<sup>14</sup>  
25.0  
18.8  
-----  
6.2

Observer: Ben G

STA. NO. 009

- 25, - → 27-28

CTD STATION LOG

Start date 12 / 06 / 1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 10

Sea State 1 0 3 4 5

SONIC DEPTH 30 m Corrected Depth      m PDR Depth Above Bottom      m

Winch Speed 30 ~~17~~ m/s m/min Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	5: ?			40 <del>30</del> 26.279	73 47.549
DEEPEST	5: ?			40 <del>30</del> 26.	73 47.
END	5:35:55			40 <del>30</del> 26.279	73 47.279

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.7
2						2.7
3						27.6

Comments: 2nd station on down valley transect

Observer: Bau G.

STA. NO. 10

~~32~~ 33

CTD STATION LOG

Start date 12 / 05 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 11

Sea State 1 0 3 4 5

SONIC DEPTH 38 m      Corrected Depth \_\_\_ m      PDR Depth Above Bottom \_\_\_ m

a)  
b)  
c) 10m = (28)  
d) 2-3  
→ (35)

Winch Speed 30 ~~45~~ m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	5:58:50			40 <del>39</del> 23.51	73 47.47
DEEPEST	5:59:59			40 <del>39</del> 23.46	73 47.45
END	6:02:40			40 <del>39</del> 23.44	73 47:43

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						3.0
2						2.9
3						
4						

Comments: coincides w/ station A

Observer: BonG

STA. NO. 11

55-50

CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 12

Sea State 1 2 3 4 5

3 10 mab <sup>40</sup> (45)  
4 30 mab (25)  
20

SONIC DEPTH 55 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 ~~m/s~~ m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	6:34:20			40 <del>30</del> 19.23	73 47.33
DEEPEST	6:35:42			40 <del>30</del> 19.22	73 47.32
END	6:39:15			40 <del>30</del> 19.159	73 47.286

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.1
2						1.9
3						11.5
4						48.3
5						

Comments:

Coincides w/ site B

Observer: Bon G.

STA. NO. 12

(54)

CTD STATION LOG

Start date 12 / 06 / 1999

JD 346

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 013

Sea State 1 2 3 4 5

SONIC DEPTH 59 m      Corrected Depth      m      PDR Depth Above Bottom      m

Winch Speed 30 ~~m/s~~ m/min      Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	07:07:35			40 <del>38</del> 15.73	73 46.92
DEEPEST	07: <u>    </u>			40 <del>38</del> 15.68	73 46.90
END	07:12:30			40 <del>38</del> 15.65	73 46.88

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						3.1
2						3.1
3						
4						

Comments: Downvalley transect

Observer: Ben G

STA. NO. 013

**CTD STATION LOG**

Start date 12 / 06 / 1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 014

Sea State 1 2 3 4 5

SONIC DEPTH 62 m      Corrected Depth 67 m      PDR Depth Above Bottom      m

Winch Speed      m/s

Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	08: <u>15</u> :00			<del>40 39</del> 12.95	73 45.54
DEEPEST				40 39 40.74	73
END	08: 18:58			40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.3
2						2.3

**Comments:**

*Down valley transect*

Observer: CHARRIS / BGUTIERREZ

STA. NO. 014



CTD STATION LOG

Start date 12 / 00 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 15

Sea State 1 2 3 4 5

SONIC DEPTH 60m

Corrected Depth 65m

PDR Depth Above Bottom     m

Winch Speed      m/s

Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	<u>08 51 55</u>			<u>40<del>39</del> 10:02</u>	<u>73 41.75</u>
DEEPEST	<u>08:54~</u>			40 39	73
END	<u>08:56:09</u>			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
<u>1</u>						<u>2.5</u>
<u>2</u>						<u>2.5</u>
<u>3</u>						<u>31.5</u>

Comments:

Observer: C Harris

STA. NO. 15

CTD STATION LOG

Start date 12/06/1999

JD 346

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 16

Sea State 1(2)3 4 5

SONIC DEPTH 70 m Corrected Depth 75 m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	09:32:32			40 39 07.238	73 36.6149
DEEPEST	09:37			40 39	73
END	09:3			40 39 07.207	73 36.6199

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						1.9
2						2.1

Comments:

downvalley transect

Observer: \_\_\_\_\_

STA. NO. 16

CTD STATION LOG

Start date 12 / 06 / 1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 17

Sea State 1 2 3 4 5

SONIC DEPTH 66 m Corrected Depth 69 m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	10:09:34			40.39 <u>96.2433</u>	73 33. <u>5784</u>
DEEPEST	10			40.39	73
END	10:16:00			40.39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2 mab	(69)				2
2	2 mab	(69)				2
3	10 mab	(60)				10.9
4	10 mab	(60)				11.0
5	30 mab	(40)				30.3
6	30 mab	(40)				30.2

Comments:

Downvalley Site  
 Tripod loc C  
 Vel max @ ~ 35 m below  
 N at 35 m below  
 S at near base

Observer: CK Harris

STA. NO. 17

CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 18

Sea State 1 2 4 5

SONIC DEPTH 82 m Corrected Depth 87 m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	10:53:50			40 <del>29</del> 03.9311	73 28.6180
DEEPEST	10:58:25			40 <del>29</del> 03.8517	73 28.4880
END	11:01:56			40 <del>29</del>	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2mab	(85)				1.8
2	2mab	(85)				1.8

Comments: Velocity to ~~east~~ west, 40cm/s with peak indicated near bed.

Observer: CKH

STA. NO. 18

CTD STATION LOG

Start date 12/06/1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 19

Sea State 1 2 4 5

SONIC DEPTH 70 m

Corrected Depth 75 m

PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	11:35:46			40 <del>39</del> 01.5665	73 24.6925
DEEPEST	11:39:30			40 <del>39</del> 01.4972	73 24.6374
END	11:40:30			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	Zmab	(73)				1.8
2	Zmab	(73)				1.2
3	?					
4	?					

Comments:

a lot of structure indicated in the ADCP, and very little in the CTD  
 Velocities are TO the SW and peak at about 25-30cm/s

Observer: LK Harris

STA. NO. 19

CTD STATION LOG

Start date 12/06/1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 20

Sea State 1 (4)

SONIC DEPTH 68 m Corrected Depth 73 m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	12:11:44			<del>40 39</del> 39 58.6973	20.6748
DEEPEST	12:18:00			<del>40 39</del> 39 58.6862	73 20.5822
END	12:22:22			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2 mab					2.8
2	2 mab					2.8
3	? 10 mab					10.5
4	? 10 mab					10.5
5	30					30.5
6	30					30.0

Comments:

Strong winds  
 ADCP Reads  
 Bottom to SW  
 forgot to print it

Salinity pegged  
 at 34 near bed

Observer: CKH

STA. NO. 20

CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 21

Sea State 1 2345

SONIC DEPTH 81 m      Corrected Depth 86 m      PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	13:05:10			40 39 57.0751	73 18.1401
DEEPEST	13:13:42			40 39	73
END				40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2mab	84				2.3
2	2mab	84				2.5

Comments:

alcp Reading to west

Observer: C K Harris

STA. NO. \_\_\_

CTD STATION LOG

Start date 12 / 06 / 1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 22

Sea State 1 3 5

SONIC DEPTH 70 m      Corrected Depth 75 m      PDR Depth Above Bottom      m

Winch Speed      m/s

Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	13:46:55			<del>40</del> 39 56.3827	73 4.2279
DEEPEST	13:50:00			40 39	73
END	13:56			<del>40</del> 39 56.2433	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2 mab	72				2.7
2	2 mab	73				2.9
3	10 mab	65				10.8
4	10 mab	65				10.9
5	30 mab	45				20.6
6	30 mab	45				20.3
7	<u>30</u>					29.4
8	<u><u>30</u></u>					29.6

Comments:

SITE OF TRIPOD F  
 Attempt 3 samples  
 took 4

ADCP Reading  
 to SW

Observer: CK Harris

STA. NO. 22



CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 23

Sea State 12345

SONIC DEPTH ~~8~~<sup>77</sup> m Corrected Depth 82 m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	14:26:44			<del>40</del> 39 56.006	73 10.3733
DEEPEST				40 39	73
END				40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2mah					2.6
2	2mah					1.8

Comments:

Observer: CK Harris

STA. NO. 23

CTD STATION LOG

Start date 12 / 6 / 1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 24

Sea State 1 2 3 4 5

SONIC DEPTH 65 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	15:20:05			40 <sup>(39)</sup> 52.24	73 04.78
DEEPEST				40 39	73
END				40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
✓						2.7
2						2.2
3						20.9
4						21.1

Comments:

Currents are more south-west along bottom.

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_\_

CTD STATION LOG

Start date 12 / 6 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 25

Sea State 1 2<sup>3</sup>/<sub>4</sub> 5

SONIC DEPTH 74 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	16:30:30			40 <sup>39</sup> 46.6585	73 72 57.9718
DEEPEST				40 39	73
END				40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.4
2						2.4

Comments:

2 bottles 2mab  
vel. to SW on ADCP

Observer: DWalsh

STA. NO. 25

CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 26

Sea State 1 2 3 4 5

SONIC DEPTH 38 m Corrected Depth 43 m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 ~~ms~~ m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	18:33:25			40 39	73
DEEPEST	18:35:10			40 39	73
END	18:37:00			40°39'49.8739	73°20.0320

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
	NONE					1.7

Comments: New Jersey Transect Site 1

Observer: \_\_\_\_\_

STA. NO. 26

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** 27

Sea State 1 2 (3) 4 5

SONIC DEPTH 34 m

Corrected Depth 39 m

PDR Depth Above Bottom \_\_\_\_ m

Winch Speed 30 m/s/m

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
<b>START</b>	19:29:40			40°39'54.4537	73°27.0793
<b>DEEPEST</b>	19:32:00			40°39'54.3972	73 27.1087
<b>END</b>	19:33:15			40°39'54.3893	73 27.1079

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
	NONE					

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999 JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** 28

Sea State 1 2 3 4 5

SONIC DEPTH 27m Corrected Depth 32m PDR Depth Above Bottom \_\_\_\_ m

Winch Speed 30 m/s/m

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	20:27:20			40°39'58.9540	73°36.0363
DEEPEST	20:29:35			40°39'58.9506	73°36.0428
END	20:30:45			40°39'58.9468	73 36, 0443

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
	NONE					

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_\_

CTD STATION LOG

Start date 12 / 6 /1999

JD \_\_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 29  
28+5

Sea State 1 2 3 4 5

SONIC DEPTH 33 m      Corrected Depth \_\_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_\_ m

Winch Speed \_\_\_\_\_ m/s

Instrument # \_\_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	2125			40 39	73
DEEPEST				40 39	73
END	2126			40 <del>39</del> 03.82	73 44.13

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
	No bottles					

Comments:

Observer: PB

STA. NO. 29

CTD STATION LOG

Start date 12 / 6 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 30

Sea State 1 2 3 4 5

SONIC DEPTH 26.5m Corrected Depth \_\_\_m PDR Depth Above Bottom \_\_\_m

Winch Speed \_\_\_ m/s Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	<u>22:23:45</u>			<u>40 39 10.1187 N</u>	<u>73 50.2255 W</u>
DEEPEST				40 39	73
END	<u>22:25:30</u>			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
<u>1</u>						<u>1.9</u>
<u>2</u>						

Comments:

2 Bottle 2mab

Observer: D WALSH

STA. NO. 30



CTD STATION LOG

Start date 12 / 6 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 31

Sea State 3 4 5

SONIC DEPTH 25.5 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	23:29:20			<u>40</u> 39 20.0900	<u>73</u> 52.0165W
DEEPEST				40 39	73
END	23:33			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure <u>ALT</u>	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1	2 mab					1.9
2	2 mab					1.9

Comments:

2 bottles fired 2 mab

Observer: D Walsh

STA. NO. 31

CTD STATION LOG

Start date 12 / 06 /1999

JD 340

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 32

Sea State 1 2 3 4 5

SONIC DEPTH 40 m

Corrected Depth \_\_\_ m

PDR Depth Above Bottom \_\_\_ m

Winch Speed \_\_\_ m/s

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	<u>00:14</u>			<u>(40)39 23.2904</u>	73 <u>47.8997 W</u>
DEEPEST				40 39	73
END	<u>00:17</u>			40 39	73

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
<u>1</u>						<u>2.1</u>
<u>2</u>						<u>2.1</u>

Comments:

Observer: \_\_\_\_\_

STA. NO. 32

CTD STATION LOG

Start date 12 / 06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 33

Sea State 1 2 3 4 5

SONIC DEPTH 25 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	0:59:10			40 <del>39</del> 21.95	73 39.87
DEEPEST	1:00:15			40 <del>39</del>	73
END	1:00:1			40 <del>39</del> 21.94	73 39.85

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.1
2						1.9

Comments:

line speed 30 m/min  
will take another cast at slower speed.

Observer: Ben G.

STA. NO. \_\_\_

CTD STATION LOG

Start date 12 / 06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 34

Sea State 10345

SONIC DEPTH 25m Corrected Depth \_\_\_m PDR Depth Above Bottom \_\_\_m

Winch Speed 10-15 m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	1:12:00			40 <del>26</del> 21.89	73 39.789
DEEPEST	1:14:06			40 <del>26</del> 21.87	73 39.76
END	1:16:01			40 <del>26</del> 21.85	73 39.74

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
—						

Comments:

redo at same site ~~as~~ as 33 at slower line speed to verify profile

Observer: Bent

STA. NO. 34

CTD STATION LOG

Start date 12 / 06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 35

Sea State 1 03 4 5

SONIC DEPTH 34 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 10 m/s m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	2:19:34			40 <del>30</del> 12.91	73 31.91
DEEPEST	2:21:30			40 <del>30</del> 12.87	73 31.86
END	2:25:34			40 <del>30</del> 12.86	73 31.84

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						2.1
2						2.0

Comments:

Observer: Burke

STA. NO. 35

CTD STATION LOG

Start date 12 / 06 /1999

JD 346

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 36

Sea State 10345

SONIC DEPTH 37m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/min Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	3:06:45			40 <del>38</del> 9.96	73 24.95
DEEPEST	3:07:45			40 <del>38</del> 9.95	73 24.94
END	3:08:50			40 <del>38</del> 9.94	73 24.93

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom
1						1.1
2						1.1

Comments: 3rd str. in valley parallel transect

Observer: BauG

STA. NO. 36

CTD STATION LOG

Start date 12 / 06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 37

Sea State 1 3 4 5

SONIC DEPTH 39 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 m/s m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	3:52:57			40 <del>39</del> 06.49	73 18.00
DEEPEST	3:54:00			40 <del>39</del> 06.46	73 18.00
END	3:55:40			40 <del>39</del> 06.44	73 17.997

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

Comments:

Observer: BauG.

STA. NO. 37

**CTD STATION LOG**

Start date 12/06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 38

Sea State 10345

SONIC DEPTH 44 m      Corrected Depth      m      PDR Depth Above Bottom      m

Winch Speed 30 mts m/min

Instrument #     

	GMT	Pressure	Temp	Latitude	Longitude
START	4:49:50			40 <del>39</del> 03.03	73 08.969
DEEPEST	4:51:10			40 <del>39</del> 03.02	73 08.96
END	4:52:45			40 <del>39</del> 03.009	73 08.932

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: Ban G.

STA. NO. 38



CTD STATION LOG

Start date 12 / 06 /1999

JD 341

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER 39

Sea State 1 0 3 4 5

SONIC DEPTH 50 m Corrected Depth \_\_\_ m PDR Depth Above Bottom \_\_\_ m

Winch Speed 30 ~~m/s~~ m/min

Instrument # \_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START	S: 42:40			<del>40 29</del> 39.58.88	73 01.0406
DEEPEST	S: 44:09			<del>40 29</del> 39.58.83	73 01.03
END	S: 46:00			<del>40 30</del> 58.81	73 1.03

Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

Comments:

Observer: Ban G

STA. NO. 39

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
<b>START</b>				40 39	73
<b>DEEPEST</b>				40 39	73
<b>END</b>				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

**Observer:** \_\_\_\_\_

**STA. NO.** \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s      Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
<b>START</b>				40 39	73
<b>DEEPEST</b>				40 39	73
<b>END</b>				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

**Observer:** \_\_\_\_\_

**STA. NO.** \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
<b>START</b>				40 39	73
<b>DEEPEST</b>				40 39	73
<b>END</b>				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

# CTD STATION LOG

Start date 12 / \_\_\_\_ / 1999 JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m Corrected Depth \_\_\_\_ m PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

## Sample Bottles:

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

Comments:

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

**CRUISE: OCNS9906 (OCNS354)**

**LOCATION: NEW YORK BIGHT**

**STATION NUMBER** \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
<b>START</b>				40 39	73
<b>DEEPEST</b>				40 39	73
<b>END</b>				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

**Observer:** \_\_\_\_\_

**STA. NO.** \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ /1999

JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m

Corrected Depth \_\_\_\_ m

PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_



**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999

JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m      Corrected Depth \_\_\_\_ m      PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999 JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m Corrected Depth \_\_\_\_ m PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_

**CTD STATION LOG**

Start date 12 / \_\_\_\_ / 1999 JD \_\_\_\_

CRUISE: OCNS9906 (OCNS354)

LOCATION: NEW YORK BIGHT

STATION NUMBER \_\_\_\_

Sea State 1 2 3 4 5

SONIC DEPTH \_\_\_\_ m Corrected Depth \_\_\_\_ m PDR Depth Above Bottom \_\_\_\_ m

Winch Speed \_\_\_\_ m/s

Instrument # \_\_\_\_

	GMT	Pressure	Temp	Latitude	Longitude
START				40 39	73
DEEPEST				40 39	73
END				40 39	73

**Sample Bottles:**

Fire Order	Nominal Pressure	Fire Confirm	Pressure	Temp	Cond	Meters above Bottom

**Comments:**

Observer: \_\_\_\_\_

STA. NO. \_\_\_\_