104993

COASTAL AND MARINE SCIENCE AT THE
WOODS HOLE FIELD CENTER (WHFC)

384 Woods Hole Rd., Quissett Campus, Woods Hole, MA 02543-1598

97027vid

VIDEO/CAMERA/SAMPLE LOG

SHIP AND CRUISE: ANDR 97027

AREA: New York Bight

DATES: July 4-12, 1997

CHIEF SCIENTIST: Allison -TAMU

STATION LOG (*) all video times recorded off video monitor, not GPS computer monitor **Start date** 7-5-97 (JD =) **Page** 1

5 JULY

CRUISE: RV Anderson **SHIP:** ANDERSON

VIDEO TAPE NO. A
(8 mm X Hi-8 mm __)

STUDY AREA: NY Bight

PROJECT: 97027

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER TAPE A	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
01B	188			10:51	2m 08s	6m 15s

Depth, m	Depth, m	Depth, m
41.9 ft		

PREVIOUS VIDEO ON tape at SAME location. NO log filed.

VIDEO LOCATION:
Start Lat. N 40°33.936 Long. W 073°42.713
End Lat. N 40°33.948 Long. W 073° 42.716

SAMPLE LOCATION:
Lat. N ____ Long. W ____

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: NO SAMPLE taken ON 1B → SAMPLE 1A (see sample log)

DESCRIPTION OF BOTTOM: Fine-grained Rippled

STILL PHOTOS: Roll No. ____ Film Type ____

CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date Jul 5/97 (JD =186) Page 2

CRUISE: 970027 SHIP: Anderson

VIDEO TAPE NO. A STUDY AREA: NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
2	186			13:09	6:27	13m35s

Depth, m	Depth, m	Depth, m
36.4ft		

VIDEO LOCATION:
Start Lat. N 40° 32.794 Long. W 073° 38.714
End Lat. N 40° 32.793 Long. W 73° 38.716

SAMPLE LOCATION:
Lat. N same Long. W _____

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date Jul 5 (JD = 186) Page 3

CRUISE: 97027 **SHIP:** Anderson

VIDEO TAPE NO. A **STUDY AREA:** NY Bight
(8 mm __ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
#3	186	14:55		15:02	13m 47s	20m 23s

Depth, m	Depth, m	Depth, m
80.2 ft		

VIDEO LOCATION:
Start Lat. N 40° 25.794 Long. W 073° 40.406
End Lat. N " .793 Long. W " .412

SAMPLE LOCATION:
Lat. N SAME Long. W _____

SAMPLES TAKEN:
Texture:_ Geochemistry:_ Organics (LOI):_ Biology:_

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Fine-grained mottled

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 6 Jul 97 (JD = 187) Page 4

CRUISE: 97027 **SHIP:**

VIDEO TAPE NO. A **STUDY AREA:**
(8 mm ✓ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
4	187	5:21	5:22	5:22	20:40	25:14

Depth, m	Depth, m	Depth, m
91'		

VIDEO LOCATION:
Start Lat. N 40° 17.241 Long. W 073° 34.694
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 6 JUL 97 (JD = 187) Page 5

CRUISE: 97027 **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
5	187		08:07	0807	0m 0s	7m 57s

Depth, m	Depth, m	Depth, m
91.8 ft		

VIDEO LOCATION:
Start Lat. N 40° 18.467 Long. W 073° 31.755
End Lat. N 40° 18. Long. W 073° 31

SAMPLE LOCATION:
Lat. N Same Long. W "

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: ____

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 6 July 97 (JD = 187) Page 6

CRUISE: And 97027 **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NYB
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
6	187	9:19	9:20	9:20	8m 06s	13m 36s

Depth, m	Depth, m	Depth, m
92 ft		

VIDEO LOCATION:
Start Lat. N 40° 19.388 Long. W 073° 34.807
End Lat. N " .395 Long. W " .845

SAMPLE LOCATION:
Lat. N same Long. W "

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: ____

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 6 Jul/97 (JD = 187) Page 7

CRUISE: **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
7	187	11:24	→		13m 44s	21m 30s

Depth, m	Depth, m	Depth, m
~~[illegible]~~ 141.5'		

Sta - 7B
Recorded
After @
2nd grab
→ (26m 53s video time
stopped second time at) 11:32
* 1st grab came up empty so immediately sent sampler down again

VIDEO LOCATION:
Start Lat. N 48° 21.265 Long. W 073° 47.884
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N same Long. W 11

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 7 Jul 97 (JD = 188) Page 8

CRUISE: And 97027 **SHIP:** And

VIDEO TAPE NO. B **STUDY AREA:** NYB
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
8	188	4:14p	4:14p	→	27m 11s	30m 59s

Depth, m	Depth, m	Depth, m
67.5ft		

VIDEO LOCATION:
Start Lat. N 40°31.210 Long. W 073°46.093
End Lat. N " .213 Long. W " .086

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: ____

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 7 Jul/97 (JD 188) Page 9

CRUISE: 97027 **SHIP:** Anderson

VIDEO TAPE NO. ___ **STUDY AREA:** NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ___

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
9	188	5:50	→	→	31m 07s	34m 11s

Depth, m	Depth, m	Depth, m
39.5 ft		

VIDEO LOCATION:
Start Lat. N 40° 33.731 Long. W 073° 32.843
End Lat. N ~~[illegible]~~ Long. W ~~[illegible]~~

SAMPLE LOCATION:
Lat. N Same Long. W "

SAMPLES TAKEN:
Texture:_ Geochemistry:_ Organics (LOI):_ Biology:_

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 7 Jul 97 (JD = 188) Page 10

CRUISE: And 97027 **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NYB
(8 mm x Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
10	188	19:57	20:00	→	34m 21s	41m 33s

Depth, ~~m~~	Depth, m	Depth, m
77.0'		

VIDEO LOCATION:
Start Lat. N 40° 25.772 Long. W 073° 39.091
End Lat. N .702 Long. W .086

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture:_ Geochemistry:_ Organics (LOI):_ Biology:_

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date _____ (JD = ___) Page ____

CRUISE: 97027 SHIP: Anderson

VIDEO TAPE NO. ___ STUDY AREA: NY Bight
(8 mm __ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
11	189					

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N _____ Long. W _____
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date Jul 8/97 (JD 189) Page 11

CRUISE: 97027 **SHIP:** Anderson

VIDEO TAPE NO. ___ **STUDY AREA:** NY Bight
(8 mm ✓ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ___

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
11	188	7:05	—	→	41m 4s	—

Depth, m	Depth, m	Depth, m
72.6 ft		

2ND VIDEO labeled 11-B starting at 43m 42s END 46m 13s

VIDEO LOCATION:
Start Lat. N 40°22.934 Long. W 073°41.054
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N SAME Long. W ~~[illegible]~~

SAMPLES TAKEN:
Texture:_ Geochemistry:_ Organics (LOI):_ Biology:_

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: fine-grained → mottled sand
lots of SAND dollars

1st video stopped on way to bottom

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8JUL97 (JD = 189) Page 12

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NYB
(8 mm x Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
12	189	8:35			46m 13s	48m 02s

Depth, m	Depth, m	Depth, m
76'		

VIDEO LOCATION:
Start Lat. N 40°23.809 Long. W 073°37.565
End Lat. N " .811 Long. W " .864

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: x Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: turbid bottom, very few ripples, widely spaced worm holes, few shells

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8 JUL 97 (JD = 189) Page 13

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. B **STUDY AREA:** NYB
(8 mm ✓ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
13	189	10:23	—	—	48m09s	52m29s

Depth, m	Depth, m	Depth, m
~140 ft	—	—

VIDEO LOCATION:
Start Lat. N 40°20.978 Long. W 073°48.162
End Lat. N 4 .968 Long. W 11 .157

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: Muddy bottom, Chunks of Bricks in grab and on bottom

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8 Jul/97 (JD = 189) Page 14

CRUISE: AND97027 **SHIP:** DSV Anderson

VIDEO TAPE NO. ___ **STUDY AREA:** NY Bight
(8 mm ✓ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ___

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
14	189	12m 08s	→		52m 38s	56m 29s

Depth, m	Depth, m	Depth, m
168.8'		

VIDEO LOCATION:
Start Lat. N 40° 17.924 Long. W 073° 47.808
End Lat. N ___ Long. W ___

SAMPLE LOCATION:
Lat. N same Long. W "

SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__

SAMPLING COMMENTS: ___

DESCRIPTION OF BOTTOM: ___

STILL PHOTOS: Roll No. ___ Film Type ___
CHANGES: Height off bottom ___ Diopter ___ Focus ___
f/ Stop ___ Flash Unit # ___ New Batteries ___
Reset Clock ___ Reset Seq. # ___

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8 Jul 97 (JD = 189) Page 15

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. 6 **STUDY AREA:** N
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
15	189	→			56m 38s	1H 00m 48s

Depth, m	Depth, m	Depth, m
160 ft		

title changed after video started

VIDEO LOCATION:
Start Lat. N 40° 12.593 Long. W 73° 45.772
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: ✓ Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy bottom, Many digs in surface ⇒ Bioturbation? Drag marks?

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8 JUL 97 (JD = 189) Page 16

CRUISE: AND 970027 SHIP: Anderson

VIDEO TAPE NO. 8 STUDY AREA: NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
16	189	4:09 →			1H 00M 54S	1H 05M 01S

Depth, m	Depth, m	Depth, m
168 ft		

VIDEO LOCATION:
Start Lat. N 40° 11.908 Long. W 073° 45.167
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____

SAMPLES TAKEN:
Texture:_ Geochemistry:_ Organics (LOI):_ Biology:_

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 8 Jul 97 (JD = 189) Page 17

CRUISE: And 97027 **SHIP:** Anderson

VIDEO TAPE NO. B
(8 mm ✓ Hi-8 mm __)

STUDY AREA: NYB

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
17	189	505p	←	→	1hr 05m 08s	1H 11m 11s

Depth, m	Depth, m	Depth, m
212.8		

VIDEO LOCATION:
Start Lat. N 40° 11.758 Long. W 073° 44.395
End Lat. N .758 Long. W 4 .396

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: ____

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 9/ul 97 (JD ~~189~~ 190) Page 18

CRUISE: 97027 **SHIP:** Anderson

VIDEO TAPE NO. ___ **STUDY AREA:** NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ___

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
18	189	6:43 AM →			1h 11m 19s	1hr 14m 38s

Depth, m	Depth, m	Depth, m
48.0'		

VIDEO LOCATION:
Start Lat. N 40° 32.942 Long. W 073° 46.552
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: X Geochemistry: _ Organics (LOI): _ Biology: _

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 10 Jul 97 (JD = 191) Page 19

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. C **STUDY AREA:** NYB
(8 mm x Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
19	191	8:53			0M 0S	3M 56S

Depth, m	Depth, m	Depth, m
89 ft		

VIDEO LOCATION:
Start Lat. N 40° 28.376 Long. W 073° 46.344
End Lat. N 40° 28.383 Long. W 073° 46.378

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: x Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: muddy sand = shelly
very murky

STILL PHOTOS: Roll No. ____ Film Type ____
CHANGES: Height off bottom ____ Diopter ____ Focus ____
f/ Stop ____ Flash Unit # ____ New Batteries ____
Reset Clock ____ Reset Seq. # ____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 11 Jul 97 (JD = 192) Page 20

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. Ø **STUDY AREA:** NYB
(8 mm x Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
20	192	10:25	—	—	~~4m 05s~~ 2m 25	4m 00s

Depth, m	Depth, m	Depth, m
32 ft		

VIDEO LOCATION:
Start Lat. N 40° 19.979 Long. W 073° 40.731
End Lat. N — .982 Long. W .756

SAMPLE LOCATION:
Lat. N same Long. W —

SAMPLES TAKEN:
Texture: x Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 11 Jul/97 (JD = 192) Page 21

CRUISE: AN D97027 **SHIP:** Anderson

VIDEO TAPE NO. D **STUDY AREA:** NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
21	192	1250			4M 11s	8M 58s

Depth, m	Depth, m	Depth, m
109.5		

VIDEO LOCATION:
Start Lat. N 40° 11.898 Long. W 073° 46.956
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____
SAMPLES TAKEN:
Texture:__ Geochemistry:__ Organics (LOI):__ Biology:__
SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 11 Jul 97 (JD = 192) Page 22

CRUISE: AND 97027 **SHIP:** Anderson

VIDEO TAPE NO. D **STUDY AREA:** NYB
(8 mm ✓ Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
22	192	14:07	→	→	9m02	12m54s

Depth, m	Depth, m	Depth, m
135 ft		

VIDEO LOCATION:
Start Lat. N 40° 10.558 Long. W 73° 44.167
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____

SAMPLES TAKEN:
Texture: ✓ Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: sandy w/ shell fragments

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						

STATION LOG Start date 11.24.97 (JD = 192) Page 23

CRUISE: AND97027 SHIP: Anderson

VIDEO TAPE NO. 0 STUDY AREA: NY Bight
(8 mm X Hi-8 mm __)

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
23	192	1600			13m 02s	19m 31s

Depth, m	Depth, m	Depth, m
212'		

VIDEO LOCATION:
Start Lat. N 40° 11.429 Long. W 073° 43.910
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N _____ Long. W _____

SAMPLES TAKEN:
Texture: X Geochemistry: __ Organics (LOI): __ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type _____
CHANGES: Height off bottom _____ Diopter _____ Focus _____
f/ Stop _____ Flash Unit # _____ New Batteries _____
Reset Clock _____ Reset Seq. # _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						