DEMP 98-1 98006 105035

98006902

VIDEO + CAMERA /

GRAB OPERATIONS AND PROCESSING LOG

SHIP: RV JOHN DEMPSEY

CRUISE: JD98-1 (98006)

AREA: LONG ISLAND SOUND

DATES: March 7-8, 1998

PROJECT: NEW HAVEN HARBOR

CHIEF SCIENTIST: LARRY POPPE

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3
(8 mm √ Hi-8 mm X) STUDY AREA: Long Island Sound

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH39	66				0000	0159

3/7/98

Depth, m	Depth, m	Depth, m
48		

VIDEO LOCATION:
Start Lat. N 41° 13.9869' Long. W 72° 72°53.0241'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° Long. W 72°

SAMPLES TAKEN:
Texture:___ Geochemistry:___ Organics:___ Biology:___

SAMPLING COMMENTS: No sample

DESCRIPTION OF BOTTOM: Boulders rippled sand sponge
Rocks seaweed scattered shells

STILL PHOTOS: Roll No. 1 Film Type Print Royal Gold 400

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 13 9935	72°53.0454'	
2				41139950	72°53.0499'	
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-38		1414		1415		0355

Depth, m	Depth, m	Depth, m
3.0		

VIDEO LOCATION:
Start Lat. N 41° 13.8539' Long. W 72° 53.1661'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.8602' Long. W 72° 53.1856'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Lost photo on Roll #1

DESCRIPTION OF BOTTOM: Sand, ripples, shell hash, clean
Gravelly, starfish, shells

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 13.8564'	72 53.1742'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-40	66	1436		1447		

Depth, m	Depth, m	Depth, m
5.9		

Salinity 26‰
Air Temp 6.1°C

VIDEO LOCATION:
Start Lat. N 41°14.0358' Long. W 72° 53.6725'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41°14.0444' Long. W 72° 53.6820'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand scattered shells & hash fine ripples, seaweed

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°14.0402'	72°53.6772	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-37	66	1444	1445			0733

Depth, m	Depth, m	Depth, m
7.0		

VIDEO LOCATION:
Start Lat. N 41° 13.8404' Long. W 72° 53.7174'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.8499' Long. W 72° 53.7364

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: muddy Sand faintly rippled abundant shells & hash, hydrozoans, snail shells, welk, leaves

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
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4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ▾)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-35	66	1453		1456		

Depth, m	Depth, m	Depth, m
8.3		

VIDEO LOCATION:
Start Lat. N 41° 13 4768' Long. W 72° 53.9620'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41°13.4930' Long. W 72° 53.9991'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand undulating bottom
abundant shells of hard (razor & quahog)
spider crab horseshoe crabs mating several

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.4922'	72°53 9972'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-36	66	1501		1502		1235

Depth, m	Depth, m	Depth, m
8.5		

VIDEO LOCATION:
Start Lat. N 41° 13.6123' Long. W 72° 54.1995'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.6175' Long. W 72° 54.2122

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: S.

DESCRIPTION OF BOTTOM: Sandy abundant shellbrush (quahog oyster & rajor) seaweed some pea gravel hermit crab, crabs (Cancer)

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.6150'	72°54.2069'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN38						

Depth, m	Depth, m	Depth, m
10.8		

VIDEO LOCATION:
Start Lat. N 41° 13.2844' Long. W 72° 54 3925'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.2888' Long. W 72° 54-4061'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: muddy sandy shell hash scp Hmd shell
leaves, shrimp burrows current swept
appearance hydrozoans tracks

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
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7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-34	66					

Depth, m	Depth, m	Depth, m
12.5		

VIDEO LOCATION:
Start Lat. N 41° 13 5554' Long. W 72° 54 7043'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13' 5707' Long. W 72° 54.7354'

SAMPLES TAKEN:
Texture: √ Geochemistry: √ Organics: √ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Shells Shells Shells
Sand Gravelly sand crab (green) clam
starfish

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41° 13.5554'	72° 54.7304'	
2						
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7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-23	66					

Depth, m	Depth, m	Depth, m
6.7		

VIDEO LOCATION:
Start Lat. N 41° 13 3668 Long. W 72° 55. 1865
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13. 3846' Long. W 72° 55. 1937
SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Rock in first grab

DESCRIPTION OF BOTTOM: Sand Rippled, shell hash, crabs (common) partially washed
Gravel below surficial sand

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
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5						
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7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-24		1540		1541		21:25

Depth, m	Depth, m	Depth, m
8.4		

VIDEO LOCATION:
Start Lat. N 41° 12.9985' Long. W 72° 55.1604'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.0008' Long. W 72° 55.1771'
SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Partially washed, not enough good surface for geochem

DESCRIPTION OF BOTTOM: Sand ripples shell hash in troughs starfish oyster shells razor clam shell

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 13.0003'	72°55.1749'	
2						
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6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-27		1549		1551		

Depth, m	Depth, m	Depth, m
8.7		

VIDEO LOCATION:
Start Lat. N 41° 13.1099' Long. W 72° 56.3132'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.1163' Long. W 72° 56.3503'
SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, rippled shell hash in troughs (razor oyster)
flounder, crab (CANCER), snails

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				4113.1157'	72°56.3455	
2						
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4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-26	66					

Depth, m	Depth, m	Depth, m
9.0		

VIDEO LOCATION:
Start Lat. N 41° 12.8662' Long. W 72° 56.2555'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.8693' Long. W 72° 56.2743'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, rippled, shell hash in Drevyfix (oyster or razor) walk

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°12.8687	72°56.2672	
2						
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7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN25	66	1605	1606			2705

Depth, m	Depth, m	Depth, m
9.4		

VIDEO LOCATION:
Start Lat. N 41° 12.5891' Long. W 72° 56.0854'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.5930' Long. W 72° 56.1035'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, rippled, abundant oyster shell debris

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°12.5917'	72°56.0988'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC) EST			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-29	66	1612		1614		2913

Depth, m	Depth, m	Depth, m
10.3		

VIDEO LOCATION:
Start Lat. N 41° 12.6791' Long. W 72° 56.7370'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.6832' Long. W 72° 56.7605'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ~~covered~~ abundant shell hash (razor clam & oyster) well flat bottom

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°12.6826	72°56.7563'	
2						
3						
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7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NH4-28						3043

Depth, m	Depth, m	Depth, m
10.1		

VIDEO LOCATION:
Start Lat. N 41° 12.9503' Long. W 72°56.9554'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.9516' Long. W 72°56.9761'

SAMPLES TAKEN:
Texture: √ Geochemistry: √ Organics: √ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, abundant shell hash (razor, oyster, aquahog) swells flat bottom

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
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5						
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7						
8						

STATION LOG Start date _____ (JD = ▾)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NWW-30						3233

Depth, m	Depth, m	Depth, m
16.9		

VIDEO LOCATION:
Start Lat. N 41° 12.7155' Long. W 72°57.1528'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.7185' Long. W 72° 57. 1691'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: muddy bioturbated crab tracks, scattered shell hash (major, oyster or clam) burrows

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
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5						
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7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-31		1636	1637			3350

3/7/98

Depth, m	Depth, m	Depth, m
11.8		

VIDEO LOCATION:
Start Lat. N 41° 12.2896' Long. W 72° 57.3961'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 12.2886' Long. W 72° 57.4107'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ____

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: Muddy bioturbated abundant crab tracks, worm tubes scattered shell (nucleo) & hash, shrimp burrows

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
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5						
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7						
8						

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-32	67	0810		0812		3642

3/8/98

Depth, m	Depth, m	Depth, m
9.9		

VIDEO LOCATION:
Start Lat. N 41° 13.2309' Long. W 72° 57.5824'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.2213' Long. W 72° 57.6182'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ✓

SAMPLING COMMENTS: C1C2 station; not enough sample to complete toxicology sample;

DESCRIPTION OF BOTTOM: muddy sand, ripples, scattered shells & bioturbated shell hash, shrimp burrows muddy, crabs (cancer), crab tracks, leaf, scallop

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.2244'	72°57.6093'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-32B		0823		0824		3640

Depth, m	Depth, m	Depth, m
9.9		

VIDEO LOCATION:
Start Lat. N 41° 13.2219 Long. W 72° 57.5799
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13' 2210 Long. W 72° 57.5882

SAMPLES TAKEN:
Texture: ___ Geochemistry: ___ Organics: ___ Biology: ✓

SAMPLING COMMENTS: Reoccupation of NHN-32 for more Tox. sample Toxicology sample complete

DESCRIPTION OF BOTTOM: See NHN-32

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41° 13.2213	72° 57.5868	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-32c						

Depth, m	Depth, m	Depth, m
9.9		

VIDEO LOCATION:
Start Lat. N 41° 13.2321' Long. W 72° 57.5571'
End Lat. N 41° , Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.2258' Long. W 72° 57.5703'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Texture, geochem, & Toc samples collected on this deployment

DESCRIPTION OF BOTTOM: muddy see NHH-32

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.2266'	72°57.5690'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-3		0847		0843		4044

Depth, m	Depth, m	Depth, m
9.3		

VIDEO LOCATION:
Start Lat. N 41° 13 5427' Long. W 72° 58.2234'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.5378' Long. W 72° 58 2290

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy sand, undulating bioturbated bottom scattered shells, worm tubes, shrimp burrows crab Tracks

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.5416'	7258.2245'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
WHN-1	67					

Depth, m	Depth, m	Depth, m
5.8		

VIDEO LOCATION:
Start Lat. N 41° 13 9095' Long. W 72° 58 4858'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.9006' Long. W 72° 58 4986'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Possible picture(?)

DESCRIPTION OF BOTTOM: (scattered Gravel) Sand, organics on ripples, scattered shell hash, Flounder

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13 9042'	72°58 4916'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-2		0900		0902		4512

Depth, m	Depth, m	Depth, m
7.0		

VIDEO LOCATION:
Start Lat. N 41° 14.~~0370~~ 0361 Long. W 72° 58.3002
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.~~0262~~ 0188 Long. W 72° 58.3262

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Oysters (living)? Gravel shells Shell some hash, dropped silt snail/hermit crab crabs (cancer)

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 14.~~0361~~ 0356	72 58.3012	
2				41 14.~~0356~~ 0262	72 58.3228	
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 Sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-4	67					4625

Depth, m	Depth, m	Depth, m
7.8		

VIDEO LOCATION:
Start Lat. N 41° 14 1328' Long. W 72° 57.9121'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14 1232' Long. W 72° 57.9221'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy soft undulating bioturbated crab (cancer) worm tubes, scattered shells ~~[illegible]~~ tracks

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°14.1208'	72°57 9172	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ▾)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-5	67					4758

Depth, m	Depth, m	Depth, m
7.3		

VIDEO LOCATION:
Start Lat. N 41° 14.3432' Long. W 72° 57.5558'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.3330' Long. W 72° 57.5635'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy sand shells bioturbation some sand worm tubes crab tracks, shrimp/clam burrow amphipods

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-6	67	0923		0925		4946

Depth, m	Depth, m	Depth, m
8.3		

VIDEO LOCATION:
Start Lat. N 41° 13.8263' Long. W 72° 57.4434'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.8199' Long. W 72° 57.4607'

SAMPLES TAKEN:
Texture: J Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy bioturbated undulating
crabs (cancer), worm tubes
crab tracks some sand

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
WHH-10	67					5142

Depth, m	Depth, m	Depth, m
9.6		

VIDEO LOCATION:
Start Lat. N 41° 13.4820' Long. W 72° 56.9557'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.4754' Long. W 72° 56.9494'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sandy, snails, shells & hard crabs (cancer)

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41° 13.4759'	72° 56.9544	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-11	67					

Depth, m	Depth, m	Depth, m
9.1		

VIDEO LOCATION:
Start Lat. N 41° 13.3670 Long. W 72° 56.5079'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.3630' Long. W 72° 56.5053'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, abundant shell hash + scattered shell

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-22	67					

Depth, m	Depth, m	Depth, m
8.2		

VIDEO LOCATION:
Start Lat. N 41° 13.4707' Long. W 72° 55.8750'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.4698' Long. W 72° 55.8742'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sandy, ripples, shells & shell hash crabs (cancer)

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-21						

Depth, m	Depth, m	Depth, m
6.6		

VIDEO LOCATION:
Start Lat. N 41° 13.7142' Long. W 72° 55.3770'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.7157' Long. W 72° 55.3853'

SAMPLES TAKEN:
Texture: J Geochemistry: ___ Organics: J Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, rippled, scattered trm shell hash

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°13.7156'	72°55.3843'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-42	17					

Depth, m	Depth, m	Depth, m
7.3		

VIDEO LOCATION:
Start Lat. N 41° 14.0055' Long. W 72° 54.4364'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 140060.' Long. W 72° 54 4309

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, worm tubes, scattered shells & hash (nuclear) black under oxidized layer snail tracks & snails H_2S odor

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 3 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NNN-41	67					

3/8/98

Depth, m	Depth, m	Depth, m
7.0		

VIDEO LOCATION:
Start Lat. N 41° Long. W 72°
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.9942 Long. W 72° 54.0774

SAMPLES TAKEN:
Texture: J Geochemistry: ___ Organics: J Biology: ___

SAMPLING COMMENTS: No Vid - too rough
Pod tripped on 1st PASS

DESCRIPTION OF BOTTOM: Muddy dark below surface oxidized layer
scattered shells (Nucula) bermed crab

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-43	67	1026				5922

Depth, m	Depth, m	Depth, m
8.7		

video ran long

VIDEO LOCATION:
Start Lat. N 41° 13.8516' Long. W 72° 54.7736
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° Long. W 72°

SAMPLES TAKEN:
Texture:___ Geochemistry:___ Organics:___ Biology:___

SAMPLING COMMENTS: No sample to rough; pre-tripped

DESCRIPTION OF BOTTOM: Sand, current swept ~~[illegible]~~ shell & hash, ripples & on sand waves

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-20						01:01

Depth, m	Depth, m	Depth, m
7.0		

VIDEO LOCATION:
Start Lat. N 41° _____ Long. W 72° _____
End Lat. N 41° _____ Long. W 72° _____

SAMPLE LOCATION:
Lat. N 41° 13.8556' Long. W 72° 55.0346'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ~~✓~~ Biology: ___

SAMPLING COMMENTS: Changed video tape / Poor video rough

DESCRIPTION OF BOTTOM: Sand, ripple, current swept shells

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-44		1042				0256

Depth, m	Depth, m	Depth, m
11.7		

VIDEO LOCATION:
Start Lat. N 41° 14.0318' Long. W 72° 54.9432'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14. Long. W 72° 54.

SAMPLES TAKEN:
Texture:___ Geochemistry:___ Organics:___ Biology:___

SAMPLING COMMENTS: Repositioned to sample w/o video
Video not running b/c lots o' Boulders No sample

DESCRIPTION OF BOTTOM: Rippled Sand shell hash in the Troughs Boulders (base of Buoy mooring)

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1			41	41 14.0268	72° 54.9421	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-19	67	1054	1055			04:57

3/8/98

Depth, m	Depth, m	Depth, m
6.2		

VIDEO LOCATION:
Start Lat. N 41° 14.2192' Long. W 72° 55.2605'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.2097' Long. W 72° 55.2556'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: Sand, ripples, scattered shelly debris.

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°14.2195'	72 55.2589'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ___)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-13	67	1102		1103		

Depth, m	Depth, m	Depth, m
6.0		

VIDEO LOCATION:
Start Lat. N 41° 13.9725' Long. W 72° 55.5912'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.9806' Long. W 72° 55 5795

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, sponge ripples, shell hash in trough
razor clam, hermit crabs seaweed

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 13.9767'	72 55.5849	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-12	67	1110		1111		0821

Depth, m	Depth, m	Depth, m
5.5		

VIDEO LOCATION:
Start Lat. N 41° 13.6892' Long. W 72° 56 1413'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.6950' Long. W 72° 56 1571'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: [redacted] muddy, flat shrimp burrows heavy crab tracks trace of shell hash, thin layer of rust brown organics worm tubes

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 13 6912'	72°56 1484'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-9	67					

Depth, m	Depth, m	Depth, m
5.7		

VIDEO LOCATION:
Start Lat. N 41° 13.7441' Long. W 72° 56.7417'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.7460' Long. W 72° 56.7558

SAMPLES TAKEN:
Texture: 1 Geochemistry: ___ Organics: 1 Biology: ___

SAMPLING COMMENTS: Poor vidn

DESCRIPTION OF BOTTOM: Murky scattered shells (Nucla) bioturbated shrimp burrows worm tube

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-8	67	1149		1151		1142

Depth, m	Depth, m	Depth, m
5.7		

VIDEO LOCATION:
Start Lat. N 41° 14.0046' Long. W 72° 56.3898'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.0118' Long. W 72° 56.3952'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ✓

SAMPLING COMMENTS: Toxicity Station NOAA-NST station

DESCRIPTION OF BOTTOM: Muddy heavily tracked, trace of shell hash, & shells, burrows bioturbated flat, ~~any~~ shelly (nuclear) patches, a few amphipods

STILL PHOTOS: Roll No. Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 14.0083'	72° 56.3894'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NNH-8B	67					

Depth, m	Depth, m	Depth, m
5.2		

VIDEO LOCATION:
Start Lat. N 41° 13.9929' Long. W 72° 56.3957'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 13.9915' Long. W 72° 56.4004'

SAMPLES TAKEN:
Texture:___ Geochemistry:___ Organics:___ Biology: ✓

SAMPLING COMMENTS: Reoccupation of NNH-8 to collect more sample for toxicology

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-8C						

Depth, m	Depth, m	Depth, m
5.3		

VIDEO LOCATION:
Start Lat. N 41°13.9895 Long. W 72°56.4193
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41°13.9903 ✓ Long. W 72°56.4225' ✓
SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ___ Biology: ___

SAMPLING COMMENTS: Reoccupation of NHH 8
Video Poor!

DESCRIPTION OF BOTTOM: See NHH-8

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-7	67					

Depth, m	Depth, m	Depth, m
4.2		

VIDEO LOCATION:
Start Lat. N 41° 14 4558' Long. W 72° 56.8230'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.4595' Long. W 72° 56.8376'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Murky

DESCRIPTION OF BOTTOM: Sand, Shells, silt veneer, snails

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-14	67					

Depth, m	Depth, m	Depth, m
5.1		

VIDEO LOCATION:
Start Lat. N 41° Long. W 72°
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14. 2691' Long. W 72° 56.0510'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: No visibility Murky

DESCRIPTION OF BOTTOM: Sand, Shells, shells, hermit crabs

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

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

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N 41° Long. W 72°
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° Long. W 72°

SAMPLES TAKEN:
Texture:___ Geochemistry:___ Organics:___ Biology:___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-49		1338	1339			2234

Depth, m	Depth, m	Depth, m
10.5		

VIDEO LOCATION:
Start Lat. N 41° 14 6506' Long. W 72° 54.9295'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.6522' Long. W 72° 54.9493'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Channel
Cracks in surface from propwash

DESCRIPTION OF BOTTOM: Muddy, crab (CANCER), leaves
scattered shell debris seaweed
Drag marks shrimp burrow snails

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4
(8 mm ____ Hi-8 mm X)

STUDY AREA: Long Island Sound

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-47	67					2401

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N 41° 14 42 68' Long. W 72° 54 74 70'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14 43 12' Long. W 72° 54 78 99'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: 1st Diplogmid - no trip

DESCRIPTION OF BOTTOM: Mud, flat fairly bioturbated tracked snails leaves, worm tubes, amphipods

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-15						1600

NHH-15

Depth, m	Depth, m	Depth, m
43		

VIDEO LOCATION:
Start Lat. N 41° 14 Long. W 72°
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.2424' Long. W 72° 55.6158'

SAMPLES TAKEN: ✓
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Murky poor/No video

DESCRIPTION OF BOTTOM: Sand rippled, shell trash in troughs
SNAILS

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-17	67					1710

3/8/98

Depth, m	Depth, m	Depth, m
2.5		

VIDEO LOCATION:
Start Lat. N 41° 14.6869 Long. W 72° 55.5652'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.6832' Long. W 72° 55.5849'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Conditions deteriorating / windy

DESCRIPTION OF BOTTOM: Sand, organics (current ripples observed), shell scatter, seaweed current rafting on shells & rocks, hydrozoans

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°14.6837'	72°55.5723	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-18	67					

Depth, m	Depth, m	Depth, m
6.4		

VIDEO LOCATION:
Start Lat. N 41° 14.6509' Long. W 72° 55.3710'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.6495' Long. W 72° 55.3916'

SAMPLES TAKEN:
Texture: √ Geochemistry: √ Organics: √ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, abundant tracks by crabs Trace shell shrimp burrows clam burrows flat bioturbation, amphipods

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
WHH-50						2036

Depth, m	Depth, m	Depth, m
4.1		

VIDEO LOCATION:
Start Lat. N 41° 14 6923' Long. W 72° 55 1267'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.6868' Long. W 72° 55.1508'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: murky

DESCRIPTION OF BOTTOM: mud bioturbated trace shell debris shrimp burrows reddish brown organisms

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-45	67					2533

Depth, m	Depth, m	Depth, m
4.3		

VIDEO LOCATION:
Start Lat. N 41° Long. W 72°
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.221 Long. W 72° 54.637 NAV crashed
SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy f/sd, tracks, snail, seaweed, lobster burrow, shrimp burrow, amphipods

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-46	67	1359				2631

Depth, m	Depth, m	Depth, m
4.7		

VIDEO LOCATION:
Start Lat. N 41° 14.4114' Long. W 72° 54.4881'
End Lat. N 41° ____ Long. W 72° ____

SAMPLE LOCATION:
Lat. N 41° 14.4112' Long. W 72° 54.1431

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ___ Biology: ___

SAMPLING COMMENTS: Poor Video Murky

DESCRIPTION OF BOTTOM: Gravel oyster shells hydrozoans

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-48	67	1405	1406			2506

Depth, m	Depth, m	Depth, m
5.6		

VIDEO LOCATION:
Start Lat. N 41° 14.6235' Long. W 72° 54.4423'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.6276' Long. W 72° 54.4624'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ___ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Gravel Shells (oyster)

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°14 6265	72°54.4585'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-51		14:11		14:11		

Depth, m	Depth, m	Depth, m
5.5		

VIDEO LOCATION:
Start Lat. N 41° 14.8430' Long. W 72° 54.7194'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.8439 Long. W 72° 54.7272'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy rippled abundant amphipods trace shell hash

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 4 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Harbor

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-51		14:11		14:11		

Depth, m	Depth, m	Depth, m
5.5		

VIDEO LOCATION:
Start Lat. N 41° 14.8430' Long. W 72° 54.7194'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 14.8439 Long. W 72° 54.7272'
SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: muddy rippled abundant amph. tube transient host

STILL PHOTOS: Roll No. 2 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

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

CRUISE: JD98-1 **SHIP:** John Dempsey

VIDEO TAPE NO. ___ **STUDY AREA:** New Haven Harbor
(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
NHD-52	67		1417			3029

Depth, m	Depth, m	Depth, m
5.5		

VIDEO LOCATION:
Start Lat. N 41 15.1125 Long. W 72° 54.9258'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°15.1176 Long. W 72°54 9432'

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy Trached bioturbated shrimp burrow crab (cancer), trace shell debris patchy amphipod communities

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: **SHIP:**

VIDEO TAPE NO. ___
(8 mm __ Hi-8 mm __)

STUDY AREA:

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
WNN-59			1425			3223

Depth, m	Depth, m	Depth, m
4.6		

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

SAMPLE LOCATION:
Lat. N 41°15.5025 Long. W 72°54.9703

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, Amphipod tubes abundant
Trace of shell debris, shrimp burrow
undulating bottom crab (cancer)
snails & bivalves

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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **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
PWN58	67	1432	1433			3428

Depth, m	Depth, m	Depth, m
11.5		

VIDEO LOCATION:
Start Lat. N 41 15.5813 Long. W 72 54.7492
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 15.5843 Long. W 72 54 7636

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

SAMPLING COMMENTS: Drifts

DESCRIPTION OF BOTTOM: Muddy, flat bioturbated tracks from shell debris, crab, shrimp burrow, amphipods, worm tubes

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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **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
NHN-54	67					

Depth, m	Depth, m	Depth, m
3.8		

VIDEO LOCATION:
Start Lat. N 41 Long. W 72°
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°15.2974' Long. W 72° 54.4971

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

SAMPLING COMMENTS:
No Video Poor Visibility

DESCRIPTION OF BOTTOM: Muddy Bioturbated Soupy H_2S odor

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:** Dempsey

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm __ Hi-8 mm __)

PROJECT: L15

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-53	67	1445	1446			

Depth, m	Depth, m	Depth, m
3.9		

VIDEO LOCATION:
Start Lat. N 41 15.3319' Long. W 72°54.2899'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 15.3410' Long. W 72°54.3042

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

SAMPLING COMMENTS: NOAA - BS

DESCRIPTION OF BOTTOM: Muddy crab tracks shrimp burrow patches of shells & debris undulating bioturbated bottom, crab (cancer), snack & tracks

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4
(8 mm ___ Hi-8 mm ___)

STUDY AREA: New Haven Harbor

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-55						3827

Depth, m	Depth, m	Depth, m
3.5		

VIDEO LOCATION:
Start Lat. N 41° 15.2176' Long. W 72 54.2659'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 15.2194' Long. W 72 54.2749'

SAMPLES TAKEN:
Texture: ☑ Geochemistry: ___ Organics (LOI): ___ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Shells Shells Oyster veneered on silt / supports gravel, sand, mud

STILL PHOTOS: Roll No. 2 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: **SHIP:**

VIDEO TAPE NO. 4
(8 mm ___ Hi-8 mm ___)

STUDY AREA:

PROJECT:

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-57	67	1503	1504			

Depth, m	Depth, m	Depth, m
8.2		

VIDEO LOCATION:
Start Lat. N 41 15.6113' Long. W 72°53.9449'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 15.6105 Long. W 72°53.9597

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

SAMPLING COMMENTS: In the Morris Cove RV

DESCRIPTION OF BOTTOM: Mud crab tracks crab (Cancer), shrimp flat bioturbated

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm __ Hi-8 mm __)

PROJECT: L15

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-56	67					4011

Depth, m	Depth, m	Depth, m
3.5		

VIDEO LOCATION:
Start Lat. N 41 15.5235 Long. W 72°54 0296'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 15.5251' Long. W 72°54 0373'

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

SAMPLING COMMENTS: Edge of Pit

DESCRIPTION OF BOTTOM: Muddy, snail tracks, reddish brown organic veneer,

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: 5098-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm __ Hi-8 mm __)

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHW-60	67					

Depth, m	Depth, m	Depth, m
3.4		

VIDEO LOCATION:
Start Lat. N 41°15 7364' Long. W 72 54.4083
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°15 7362' Long. W 72°54.4094

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

SAMPLING COMMENTS: Murky Poor Video

DESCRIPTION OF BOTTOM: Mud & shell frags

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **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
NNN-61						

Depth, m	Depth, m	Depth, m
11.9		

VIDEO LOCATION:
Start Lat. N 41°15.9701' Long. W 72°54.7061'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°15.9761' Long. W 72°54.7236

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Mud, ~~Oyster shells~~ Amphipod patching Community
Snail tracks Oyster shells Scallop shells
bioturbated undulating bottom

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm __ Hi-8 mm __)

PROJECT: L15

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
WHH.62	67					45:19

Depth, m	Depth, m	Depth, m
4.9		

VIDEO LOCATION:
Start Lat. N 41°16 2245' Long. W 72 54 6024'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°16 2242' Long. W 72 54.6079'

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

SAMPLING COMMENTS: Edge of Channel

DESCRIPTION OF BOTTOM: Muddy Amphipod Communities (scattered trace of shells) bioturbated undulating

STILL PHOTOS: Roll No. 2 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: JD 98-1 **SHIP:**

VIDEO TAPE NO. 4
(8 mm ___ Hi-8 mm ___)

STUDY AREA: New Haven Harbor

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-69	67	1541	1542			4636

Depth, m	Depth, m	Depth, m
5.1		

VIDEO LOCATION:
Start Lat. N 41 16.8624' Long. W 72 54.8262'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 16.8681 Long. W 72 54 8248
SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics (LOI): ✓ Biology: ___
SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy FLW bioturbated, abundant snails & tracks, shrimp burrow, a few amphipods
[illegible], FLW bioturbated

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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm ___ Hi-8 mm ___)

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHN-66	67	1552	1553			4841

Depth, m	Depth, m	Depth, m
11.1		

VIDEO LOCATION:
Start Lat. N 4117.2058' Long. W 72°54.5358
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 4117.7084' Long. W 7254.5519

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, abundant snail tracks, flat, amphipods

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm __ Hi-8 mm __)

PROJECT: L15

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-65						5129

Depth, m	Depth, m	Depth, m
12.5		

VIDEO LOCATION:
Start Lat. N 41°17.2790' Long. W 72°54.6108'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°17.2769' Long. W 72°54.6157'

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, shrimp burrow, snail track, Trace of scattered shells seaweed, flat, bioturbated fish,

STILL PHOTOS: Roll No. 2 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 3/7/98 (JD = 66) Page ___

CRUISE: JD98-1 **SHIP:**

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm ___ Hi-8 mm ___)

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: 10 Sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-63	67	1610	1611			5314

Depth, m	Depth, m	Depth, m
12.0		

Salinity (water from grab) = 25‰

VIDEO LOCATION:
Start Lat. N 41°16.4391' Long. W 72°54.6624'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°16.4393' Long. W 72°54.6681'

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

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, Amphipod community shrimp burrows, tube of shell debris, crab tracks, snail tracks bioturbated

STILL PHOTOS: Roll No. 2 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: JD98-1 **SHIP:** John Dempsey

VIDEO TAPE NO. 4 **STUDY AREA:** New Haven Harbor
(8 mm ___ Hi-8 mm ___)

PROJECT: LIS

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHH-16	67	1628	1629			55:35

Depth, m	Depth, m	Depth, m
5.4		

LAST Station of Survey

VIDEO LOCATION:
Start Lat. N 41 14 4256' Long. W 72 55 6018'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 14.4343' Long. W 72 55.6403'

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

SAMPLING COMMENTS: No sample - many shells

DESCRIPTION OF BOTTOM: abundant S. shells, seaweed — Sediment is a gravelly sand
↓ hydroids
living oysters, coral (?)

STILL PHOTOS: Roll No. 2 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				41 14.4269'	72 55.6093'	
2				41 14.4320'	72 55.6298'	
3						
4						