BIGHT'08 FIELD SAMPLING

DATA SHEETS

STATION OCCUPATION

PAGE _____ of ______

AGENCY CODE [ ]

VESSEL [ ]

ARRIVAL TIME (hh:mm) [ ]

WEATHER (CHK ONE)
- [ ] Clear
- [ ] Overcast
- [ ] Partly Cloudy
- [ ] Drizzle
- [ ] Rain
- [ ] Thunderstorm
- [ ] Fog

SEA STATE (CHK ONE)
- [ ] Calm
- [ ] Choppy
- [ ] Rough

SALINITY: (PPT) [ ]
(At Estuary Sites only)

STATION ID [ ]

DATE day / month / year

[ ] **ABANDONED SITE?** Y or N (if Y explain in comments)

STATION FAIL CODE (5) [ ]

WIND
Speed (kts) __________
Direction (4) __________

SWELL
Period (s) __________
Height (ft) __________
Direction (4) __________

NAV TYPE: (CHK ONE)
[ ] DGPS [ ] GPS

EQUIPMENT TYPE: (7) [ ]

[ ] Subcore? Y/N [ ] A Fraction? [ ] B Fraction? [ ] C Fraction?

STATION COMMENTS:

GRAB EVENTS

Sample Types (Chk all that apply)

#	TIME (hh:mm)	Latitude DD° MM.mmmm	Longitude DD° MM.mmmm	Depth (m)	Dist to Target (m)	Grab Fail Code (6)	Penetration (cm)	Composition (1)	Odor (2)	Color (3)	Shell Hash? (Y/N)	Infauna	Sed Chem	GrainSize	Sed Tox
												[ ]	[ ]	[ ]	[ ]
	Grab Event Comments:														
												[ ]	[ ]	[ ]	[ ]
	Grab Event Comments:														
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	Grab Event Comments:														
												[ ]	[ ]	[ ]	[ ]
	Grab Event Comments:														

1 Sediment Composition: Coarse sand, Fine sand, Silt/clay, Gravel, Cobble, Mixed
2 Sediment Odor: None (N), Petroleum(P), Hydrogen sulfide (HS), Humic (HU), Other (O, *describe in Comments*)
3 Sediment Color: Brown, Gray, Black, Olive green, Red
4 Directions: N, NE, E, SE, SW, W, NW, or XX for calm
5 Station Fail Codes: Rocky bottom, Kelp bed, Obstructions, Other (*Comment required*)
6 Grab Fail Codes: Canted, Washed, Poor Closure, Disturbed surface, <5cm penetration, Outside radius limit, Not within 10% of Target-site depth, Other (*Comment required*)
7 Equipment Types: Single Van Veen, Tandem Van Veen

NOTE: Grab Event information (i.e., Time, Lat & Long, Depth, Dist. to Target) applies to both grabs of a Tandem Van Veen. If using a Tandem van Veen, penetration and sediment description should come from the infaunal sample or, if neither grab is for infauna, from one of the paired grabs. If companion grab differs, record info for that grab in Grab Event Comments. Sampling protocol requires that all samples at a site be of similar sediment type.

STATION OCCUPATION

PAGE ___ of ___

AGENCY CODE _____

VESSEL NAME _____

TIME (hh:mm) _____

NAV TYPE (check one)

☐ DGPS

☐ GPS

STATION ID _____

DATE ___ / ___ / ___ (day / month / year)

STATION FAIL CODE (2) _____

WEATHER (Circle one)

Clear
Overcast
Partly Cloudy
Thunderstorrm
Rain
Drizzle
Fog
Continuous layers of clouds

WIND

Speed (kts) _____

Direction (1) _____

SWELL

Period (s) _____

Height (ft) _____

Direction (1) _____

SEA STATE (Circle one)

Calm

Rough

Choppy

☐ **Abandoned Site ?**

Y or N (if Y explain in comments)

COMMENTS:

TRAWL EVENT

TRAWL NUMBER _____

TRAWL FAILURE (3) _____

	TIME hh:mm	LATITUDE Degrees	LATITUDE minutes	LONGITUDE Degrees	LONGITUDE minutes	DEPTH meters
Net over						
Start Trawl						
End Trawl						
Net on deck						

WIRE OUT (m) _____ **Distance to Target** _____ **Lotek Data? YES / NO**

TRAWL USES (check all that apply)

☐ **Community Structure** ☐ **Tissue Chemistry**

1. Directions: N, NE, E, SE, S, SW, W, NW, or XX for calm

2. Station Failure codes: Rocky Bottom, Kelp bed, Obstructions, < 6m (oceans), Failed Trawls

3. Trawl Failure Reasons: Fouled Net, Torn Net, No Contact with Bottom, Improper Time/Distance, >10% Depth from Target, >100 m from Target.

BIGHT'08 DEMERSAL FISH FORM

Page ____ of _____

Station: _____ Date: _____ Completed by:_____

Species	N	Std Length Size Class (cm) *Up to 10 indivs. Use Size Class sheet for more abundant spp*	FID *or* #V	Weight (Kg) Gross	Tare	Net
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Anomaly Codes (*record as superscript to length measurement*): A = ambicoloration B = albinism D = skeletal deformity E = copepod eye-parasite (i.e., *Phrixocephalus*) F = fin erosion L = lesion (*describe in* Comments) O = other anomaly (*describe in* Comments) P = other external parasite (*describe in* Comments) T = tumor

FID = *specimen(s) collected for further identification* #V = *Number of specimens collected as species vouchers*

(circle one) **Data from Short/Long Trawl @ >300 M Depth?: YES NO**

Comments:

_____

_____

Species:	**ALIQUOT DATA**			
	N	**Gross (Kg)**	**Tare (Kg)**	**Net (Kg)**

Record Catch Gross wts here:	*Show Calcs here:*
	Catch Gross wt: - Catch Tare wt = Catch Net Wt
	_____ - _____ = _____
	(Catch Net wt ÷ Aliquot Net wt) x # in Aliquot = Abundance
	_____ x _____ = _____

BIGHT'08 DEMERSAL FISH SIZE CLASS FORM **Page ____ of _____**

Station: _____ Date: _____ Completed by: _____

Gross (kg): _____ Tare (kg): _____ Net (kg): _____

Size Class	N	SPECIES:
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Total: Comments: Anomaly Codes (record as superscript to tally mark): A = ambicoloration B = albinism D = skeletal deformity E = copepod eye-parasite (i.e., Phrixocephalus) F = fin erosion L = lesion (describe in Comments) O = other anomaly (describe in Comments) P = other external parasite (describe in Comments) T = tumor

BIGHT'08 EPIBENTHIC INVERTEBRATE FORM Page ____ of _____

Station: _____ Date: _____ Completed by:_____

Species	N	Comments (*or Anomalies*)	FID *or* #V	Weight (Kg) Gross	Tare	Net
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
23						

Anomaly Codes: **B** = burnspot **P** = external Parasite **O** = other anomaly (*describe in* Comments*)*
FID = *specimen(s) collected for further identification* #V = *Number of specimens collected as species vouchers*

(circle one) **Data from Short/Long Trawl @ >300 M Depth?: YES NO**

Comments:

_____

_____

Species:	**ALIQUOT DATA**			
	N	**Gross (Kg)**	**Tare (Kg)**	**Net (Kg)**

Record Catch Gross wts here:	*Show Calcs here:*
	Catch Gross wt: - Catch Tare wt = Catch Net Wt - = _____ _____ _____ (Catch Net wt ÷ Aliquot Net wt) x # in Aliquot = Abundance _____ *x* _____ = _____

ALIQUOT RECORDING & CALCULATIONS (ALL WEIGHTS IN KG)

	ALIQUOT DATA			
	N	**Gross (Kg)**	**Tare (Kg)**	**Net (Kg)**

Recore Catch Gross wts here:	*Show Calcs here:*
	Catch Gross wt: - Catch Tare wt = Catch Net Wt - = _____ _____ _____ (Catch Net wt ÷ Aliquot Net wt) x # in Aliquot = Abundance _____ *x* _____ = _____

Species:	**ALIQUOT DATA**			
	N	**Gross (Kg)**	**Tare (Kg)**	**Net (Kg)**

Record Catch Gross wts here:	*Show Calcs here:*
	Catch Gross wt: - Catch Tare wt = Catch Net Wt _____ - _____ = _____ (Catch Net wt ÷ Aliquot Net wt) x # in Aliquot = Abundance _____ *x* _____ = _____

BIGHT'08 TRAWL DEBRIS FORM

Page ____ of _____

Station: _____ Date: _____ Completed by:_____

Debris Type	Estimated Number	Estimated Weight
Rocks		
Terrestrial Vegetation		
Marine Vegetation		
Lumber		
Plastic		
Metal Debris		
Cans		
Glass Bottles		
Fishing Gear		
Tires		
Other (*describe in* Comments)		

Number Codes:		**Weight Codes:**	
Present,	**P** = 1	Trace,	**T** = 0.0-0.1 kg
Low,	**L** = 2-10	Low,	**L** = 0.2-1.0 kg
Moderate,	**M** = 11-100	Moderate,	**M** = 1.1-10 kg
High,	**H** =/> 100	High,	**H** =/> 10 kg

(circle one)

Data from Short/Long Trawl @ >300 M Depth?: YES NO

Comments:

_____

_____

BIGHT'08 CHAIN OF CUSTODY FORM

AGENCY: _____ **CONTACT NAME/NUMBER:** _____

SAMPLED BY: _____ **DATE:** _____

STATION	SAMPLE TYPE	CONTAINER TYPE	# CONTAINERS

Relinquished by: _____ **Accepted By:** _____

Agency: _____ **Agency:** _____

Signature: _____ **Signature:**_____

Date: _____ **Time:** _____

Relinquished by: _____ **Accepted By:** _____

Agency: _____ **Agency:** _____

Signature: _____ **Signature:**_____

Date: _____ **Time:** _____

Comments: _____

BIGHT'08 SAMPLE TRACKING FAX TRANSMITTAL FORM

AGENCY: _____ **DATE:** _____

NAME/NUMBER: _____ **PAGE:** _____ **OF** _____

Station[1]	Sample Description	Sample Disposition

1. Include all stations that have been abandoned during the sampling day(s) and describe the reason for each instance of abandonment.