

BIGHT'08 FIELD SAMPLING QA/QC DATA SHEETS

Bight'08 Otter Trawl Checklist

Agency: _____ Vessel: _____ Date: _____

EQUIPMENT AND PROCEDURES	Yes	No	N/A	Comments
<u>Equipment Specifications</u>				
Net Headrope (7.6 m)				
Body Mesh Size (4.1 cm)				
Cod-end Liner Mesh Size (1.3 cm)				
Noncrushable Floats				
Footrope Chain				
Otter Boards (51 x 76 cm or 20 x 30 in.)				
Bridle Length (22.9 m)				
Lotek Archival Tag mounted on Door				
Lotek Archival Tag Reader				
Other				

<u>Trawling Procedures</u>				
Properly Deployed				
Proper Wire Scope				
Bottom Time (10 min coast, 5 min bays)				
Successful Trawl				
Qualified Crew				
Other				

Notes:

BIGHT'08 FIELD QA/QC**Trawl Processing Equipment Checklist**

Agency: _____ Vessel: _____ Date: _____

EQUIPMENT	Yes	No	N/A	Comments
Sorting Buckets/Trays				
Live Holding Tanks (optional)				
Measuring Boards				
Data Sheets				
Trawl Cover Sheets				
Trawl Fish Species Sheets				
Trawl Fish Size Class Sheets				
Trawl Invertebrate Species Sheets				
Trawl Debris Sheets				
Tare Container				
Spring Scales				
3 kg				
15 kg				
Other				
Other				
Field Guides and Aids				
Miller and Lea (1972)				
Eschmeyer et al. (1983)				
Kramer et al. (1995) (flatfishes)				
Allen (1977) (juvenile rockfishes)				
Orr et al. (2000) rockfishes				
Other				
Field ID Tool Kit				
Wide-mouth Jars (Plastic)				
Plastic Bags				
10% Buffered Formalin				
Freezer or Ice Chest				
Other				

SPRING SCALE CALIBRATION CHECK

Test Weight	Weight (kg)				
	Scale A	Scale B	Scale C	Scale D	Scale E
0.15 kg					
0.30 kg					
0.45 kg					

Trawl Processing Procedures Checklist

Agency: _____ **Vessel:** _____ **Date:** _____

EQUIPMENT	Yes	No	N/A	Comments
Proper Trawl Acceptance				
Removal of All Organisms from Net				
Species Identifications:				
Qualified Staff				
Accurate ID of Common Species				
Return of Difficult Species to Lab				
Length Measurement:				
Proper Designation of Size Class				
Proper Data Sheet Recording for <10 Fish				
Proper Recording on Size Class Data Sheet				
Bony Fish (Standard Length)				
Sharks, Rays, Ratfish (Total Length)				
Stingrays (Wingspan)				
Weight Measurement:				
Scales Calibrated				
Tare Bucket Weight Checked				
Proper Weighing Procedures:				
Species Greater than 0.1 kg				
Species Less than 0.1 kg				
Invertebrate Counts Made				
Invertebrate Counts from Weights				
Anomaly Examination Conducted				
Proper Anomaly Identifications				
Proper Anomaly Notation on Data Sheets				
Debris Assessment Conducted				
FID/Voucher Preservation				
10% Buffered Formalin				
Slitting Body Cavity of Fish				
Proper Labeling				
Proper Photographic Techniques				
Photo Log				
Completion of Data Sheets				
Trawl Cover Sheets				
Trawl Fish Species Sheets				
Trawl Fish Size Class Sheets				
Trawl Invertebrate Species Sheets				
Trawl Debris Data Sheets				
Tissue Sampling:				
Proper Choice of Species				
Proper Labeling				
Proper Freezing Techniques				

BIGHT'08 FIELD QA/QC

Fish and Invertebrate Identification and Processing Audit

Agency: _____

Vessel: _____

Date: _____

Trawls

Attempted _____
 Successful _____
 Percent _____

Species Identification

Number Species Examined _____
 Number Species Correct _____
 Percent Species Correct _____

Anomaly Identification

No. Anomalies Examined _____
 No. Anomalies Correct _____
 % Anomalies Correct _____
 Problem Anomalies: _____

Incorrect ID

Correct ID

Incorrect ID	Correct ID		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		
_____	_____		

Species	Count			Size			Weight(kg)		
	Listed	Audited	% Diff.	Listed	Audited	%Diff.	Listed	Audited	%Diff.
1	_____	_____	_____	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	_____	_____	_____	_____	_____
8	_____	_____	_____	_____	_____	_____	_____	_____	_____
9	_____	_____	_____	_____	_____	_____	_____	_____	_____
10	_____	_____	_____	_____	_____	_____	_____	_____	_____

Comments

Completed by
