

**NMFS GALVESTON LABORATORY
BRD/BYCATCH and REEF FISH PROGRAM**

RECEIPT

VESSEL NAME: _____

OBSERVER NAME: _____

\$ _____ X _____ SEA DAYS = \$ _____

Captain's Signature _____ Date _____

By signature above, the vendor makes the statement they will not accept a government bank card or government purchase order as payment.

Trip Number _____

Sea Dates _____ to _____

Trip Number _____

Sea Dates _____ to _____

Trip Number _____

Sea Dates _____ to _____

Trip Number _____

Sea Dates _____ to _____

Trip Number _____

Sea Dates _____ to _____

COVER SHEET

TRIP NUMBER: _____

VESSEL NAME: _____

DATES OF TRIP: _____

OBSERVER NAME: _____

NUMBER OF TOWS/SETS SAMPLED: _____

OBSERVER SUBMITTING DATA: _____

DATE SUBMITTED TO LAB: / /

OBSERVER DATA PROOFS:

DATE 1ST COMPLETE PROOF WAS COMPLETED / /

DATE 2ND SCAN PROOF WAS COMPLETED / /

OBSERVER SIGNATURE: _____

TRIP COMPLETION FORM

Trip #: _____

Observer: _____

Vessel: _____

Trip Summary - Describe trip chronologically from the time it was assigned until you return home or you receive another assignment. Include travel dates and locations.

Date and Location, data sheets were initially completed

_____/_____/_____
Date

Location (i.e. on boat, in motel, or home)

1st complete proof

_____/_____/_____
Date

2nd complete proof (scan for blanks and flow)

_____/_____/_____
Date

Note: You should be proofing as the trip progresses, but that does not constitute a "complete" proof. A complete proof should be done after all of the data sheets have been completed.

Photocopies of trip completed

_____/_____/_____
Date

Note: Always retain all photocopies until observer coordinator gives the okay to destroy.

Data sent to Coordinator/Field Coordinator

_____/_____/_____
Date

Method of Shipping

Who was the data shipped to? (Coordinator/Field Coordinator)

	Circle One	If No, explain:
Data sheets signed by captain	Y / N	_____
Receipts completed and signed	Y / N	_____
Two complete proofs	Y / N	_____
Trip copy made	Y / N	_____
All data represented on data sheets is in log book	Y / N	_____
All "required" data sheets completed	Y / N	_____
New species flagged	Y / N	_____
Turtles flagged?	Y / N	_____
Pictures included with data set?	Y / N	_____

VESSEL INFORMATION FORM

ORG PRO

--	--	--	--	--	--

TRIP NO.

--	--	--

VESSEL CODE

--	--	--

OBSERVER

MO DY YR

--	--	--	--	--	--

DATE: START OF TRIP

MO DY YR

--	--	--	--	--	--

DATE: END OF TRIP

VESSEL NAME:

OBSERVER NAME:

VESSEL ID #

VESSEL LENGTH (ft):

YEAR VESSEL BUILT:

VESSEL TYPE (CIRCLE ONE):

FREEZER

or

ICE BOAT

MATERIAL OF HULL CONSTRUCTION (CIRCLE ONE):

STEEL

WOOD

FIBERGLASS

FIBERGLASS/WOOD

GROSS TONNAGE:

HORSEPOWER OF ENGINE:

CREW SIZE (WITHOUT CAPTAIN):

This # does not include observers

OWNER NAME:

OWNER ADDRESS:

CAPTAIN'S NAME:

OWNER'S OR CAPTAIN'S SIGNATURE:

TRIP REPORT - SHRIMP BY-CATCH

TRIP # _____

VESSEL NAME _____ ID # _____ VSCODE _____ LTH _____
(CG DOCUMENTATION #) (LENGTH)

STATE _____ CITY _____

PORT OF DEPARTURE _____ / _____

OBSERVER NAME _____ ORGANIZATION _____

TRIP DATES _____ - _____ YEAR _____ OBSERVER DAYS _____
(dates, total # of travel and sea days allotted for this trip)

DATES AT SEA _____ - _____ YEAR _____ SEA DAYS _____
(dates, total # of days at sea from port to port)

24 HR. DAYS FISHED (including tows not sampled) _____ STARTING TOW # _____
 TOTAL TIME (hours towed) _____ / 24 = _____ ENDING TOW # _____
(DO NOT INCLUDE TOWS NOT SAMPLED)

AVERAGE TOW TIME

TOT. TIME HOURS TOWED [SAMPLED] (1) (1) (2) (3) (4)

TOT. TIME HOURS TOWED [UNSAMPLED] (2) (_____ + _____) / (_____ + _____) = _____

TOT. # TOWS SAMPLED (3)

TOT. # TOWS UNSAMPLED (4)

GEAR CONFIGURATION (MAIN NETS)

NET #1 TED _____	BRD _____	APPLICABLE
NET #2 TED _____	BRD _____	TOW #S _____
NET #3 TED _____	BRD _____	_____
NET #4 TED _____	BRD _____	_____
NET #1 TED _____	BRD _____	APPLICABLE
NET #2 TED _____	BRD _____	TOW #S _____
NET #3 TED _____	BRD _____	_____
NET #4 TED _____	BRD _____	_____

(ENTER N/A FOR NET #s 1 & 4 IF ONLY TWO NETS ARE PULLED BY YOUR BOAT)

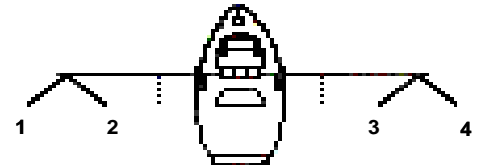
TRY NET

HRL _____ NET# _____ (Location)

FRL _____ APPLICABLE

TOW #S _____

CIRCLE TRY NET LOCATION ON DIAGRAM



AREAS FISHED

STAT. AREA #					
INSHORE					
NEARSHORE ≤ 60'					
OFFSHORE > 60'					

(ENTER APPLICABLE STATISTICAL AREA # THEN THE # OF TOWS "SAMPLED" IN THE APPROPRIATE ZONE BLOCK)

TURTLES CAPTURED					TURTLES SIGHTED		
SPECIES	NET #/TYPE *	LAT/LONG	DATE	TOW #	SPECIES	LAT/LONG	DATE
1	_____	_____	_____	_____	1	_____	_____
2	_____	_____	_____	_____	2	_____	_____
3	_____	_____	_____	_____	3	_____	_____
4	_____	_____	_____	_____	4	_____	_____
5	_____	_____	_____	_____	5	_____	_____
6	_____	_____	_____	_____	6	_____	_____
7	_____	_____	_____	_____	7	_____	_____

* (ST-STANDARD NET, TB-NET WITH TED AND BRD, T-NET WITH TED ONLY, B-NET WITH BRD ONLY, TR-TRY NET)

SIGNATURE _____

TRIP REPORT - SHRIMP BY-CATCH
TOWS NOT SAMPLED

VSCODE _____

TRIP DATES _____

TRIP # _____

(A TOW WITH AN OPERATION CODE SHOULD NOT BE LISTED AS UNSAMPLED)

NO.	DATE	LATITUDE	LONGITUDE	HOURS TOWED	DEPTH (FEET)	STAT ZONE	REASON NOT SAMPLED
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							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

GEAR SPECIFICATION FORM

OMB No. 0648-0345 Approval Expires- 01/31/2012

Control (C) or Experimental (E)

BRD TESTING PROTOCOL

Gear ID #

ORGPNO

TRIP NO.

VESSEL

TOW NO.

DATE

NET POSITION

SECTION I NET GEAR MEASUREMENTS

NET TYPE AND HEAD/FOOT ROPE MEASUREMENTS	LEG LINE MEASUREMENTS
Net Type <input type="text"/>	Top Leg Length <input type="text"/> Feet
Headrope Length <input type="text"/> Feet	Bottom Leg Length <input type="text"/> Feet
Footrope Length <input type="text"/> Feet	Top Leg Dummy <input type="text"/> Feet
Comments <input type="text"/>	Bottom Leg Dummy <input type="text"/> Feet

TRAWL BODY	TRAWL EXTENSION
Type: Nylon <input type="checkbox"/> Poly <input type="checkbox"/> Sapphire <input type="checkbox"/> Spectra <input type="checkbox"/>	Type: Nylon <input type="checkbox"/> Poly <input type="checkbox"/> Sapphire <input type="checkbox"/> Spectra <input type="checkbox"/>
Mesh Size <input type="text"/> Inches	Mesh Size <input type="text"/> Inches
Comments <input type="text"/>	Comments <input type="text"/>

COD END	CHAFFING GEAR
Type: Nylon <input type="checkbox"/> Poly <input type="checkbox"/> Sapphire <input type="checkbox"/> Spectra <input type="checkbox"/>	Type Whiskers <input type="checkbox"/> Mesh <input type="checkbox"/> Metal <input type="checkbox"/> None <input type="checkbox"/>
Mesh Size <input type="text"/> Inches Twine Size <input type="text"/>	Comments <input type="text"/>
Comments <input type="text"/>	

DOORS	TICKLER CHAIN
Type: Aluminum <input type="checkbox"/> Wood <input type="checkbox"/> Steel <input type="checkbox"/> Other <input type="checkbox"/>	Chain Length <input type="text"/> Feet
Door Length <input type="text"/> Feet None <input type="checkbox"/>	Chain Size (gauge) <input type="text"/> Inches
Door Height <input type="text"/> Feet	Comments <input type="text"/>
Dummy Door Length <input type="text"/> Feet	
Comments <input type="text"/>	

SECTION II BRD MEASUREMENTS

BRD TYPE: Fisheye Jones Davis Modified Jones Davis None
Extended Funnel Composite Other

BRD position: Top Offset Spooker Cone: Yes or No

Codend length (# of meshes):

Circumference of the codend (# of meshes):

Distance of escape opening from elephant ear or choke rings: Feet Inches

Distance of escape opening from tie off rings: Feet Inches

Number of meshes the fisheye is offset from top center

Fisheye (BRD) escape opening: Height Inches Width Inches

Shape of the escape opening: oval, diamond, square, halfmoon, rectangle, triangle, if other
Specify (check one)

Look from the mouth of the net, is the BRD located
in front of, at, or behind the point of attachment of the elephant ears:
Front at Behind

What is the length of the elephant ear from
the point of attachment to the tip of the ring: Inches

Distance from point of attachment of elephant ear to tie off rings Feet Inches

TED/BRD SPECIFICATION FORM

OMB No. 0648 - 0345 Approval Expires - 01/31/2012

BRD TESTING PROTOCOL

ORGPRO <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	VESSEL <input type="text"/> <input type="text"/> <input type="text"/>	TOW NO. <input type="text"/> <input type="text"/> <input type="text"/>	MO DY YR <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	NET <input type="checkbox"/>	POSITION <div style="border: 1px solid black; height: 30px; width: 100%;"></div>
TRIP NO.	VESSEL	TOW NO.	DATE	NET	GEAR ID #

SECTION III		TED MEASUREMENTS					
TED TYPE	<input type="checkbox"/>	<input type="checkbox"/>					
	SOFT	HARD					
TED DESIGN (CIRCLE ONE)	WEEDLESS	CURVED BAR	STRAIGHT BAR	UNKNOWN			
TED OPENING	<input type="checkbox"/>	<input type="checkbox"/>					
	TOP	BOTTOM					
TED FUNNEL (YES OR NO)	<input type="text"/>		TED MATERIAL	<input type="text"/>			
TED FLAP (YES OR NO)	<input type="text"/>		# OF TED FLOATS	<input type="text"/> <input type="text"/>			
TED ANGLE (DEGREES)	<input type="text"/> <input type="text"/> <input type="text"/>		FLOAT TYPE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Material:</td></tr> <tr><td>Shape:</td></tr> </table>		Material:	Shape:
Material:							
Shape:							
TED DIMENSIONS	LENGTH (INCHES)	<input type="text"/> <input type="text"/> <input type="text"/>					
	WIDTH (INCHES)	<input type="text"/> <input type="text"/> <input type="text"/>					

GEAR DESCRIPTIONS

BRD DESCRIPTION

BRD DIAGRAM

Sketch fisheye including height and width (on the back of this form) or attach cardboard outline (if possible).

GEAR DESCRIPTION

GEAR DIAGRAM

PHOTOGRAPHED (Circle one): Y or N

TRY NET TOW SUMMARY BRD/CHARACTERIZATION

TRIP #

VESSEL CODE

TRY NET HEADROPE LENGTH (feet)

TRY NET FOOTROPE LENGTH (feet)

TRY NET TED TYPE (IF PRESENT)

STATION TOW # STAT. ZONE CHECK ONE: INSHORE NEARSHORE OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COMMENTS: _____

STATION TOW # STAT. ZONE CHECK ONE: INSHORE NEARSHORE OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COMMENTS: _____

STATION TOW # STAT. ZONE CHECK ONE: INSHORE NEARSHORE OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COMMENTS: _____

STATION TOW # STAT. ZONE CHECK ONE: INSHORE NEARSHORE OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COMMENTS: _____

STATION SHEET BRD EVALUATION

Station ID#

BRD TESTING PROTOCOL

<input type="checkbox"/> ORG	<input type="checkbox"/> PRO														
<input style="width: 100%; height: 20px;" type="text"/>		<input style="width: 100%; height: 20px;" type="text"/>		<input style="width: 100%; height: 20px;" type="text"/>		<input style="width: 100%; height: 20px;" type="text"/>		<input style="width: 100%; height: 20px;" type="text"/>							
TRIP NO.		VESSEL		TOW NO.		OBSERVER									
MONTH	DAY	YEAR	DEGREE	MINUTE	SECONDS	DEGREE	MINUTE	SECONDS	DEPTH IN (FEET)						
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>						
START DATE			TIME IN		LATITUDE IN		LONGITUDE IN		DEPTH IN (FEET)						
MONTH	DAY	YEAR	DEGREE	MINUTE	SECONDS	DEGREE	MINUTE	SECONDS	DEPTH OUT (FEET)						
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>						
STOP DATE			TIME OUT		LATITUDE OUT		LONGITUDE OUT		DEPTH OUT (FEET)						
HOURS	VESSEL	STAT	1	2	3	4	TOTAL	SEA	NET RETRIEVAL	SCALE					
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>					
TOWED		SPEED		ZONE		OPERATION CODE		NETS		STATE		DIRECTION <small>Up (U), Down (D), or Cross (C) Sea</small>		TYPE <small>Digital (D), Mechanical (M), Both (B) or Unknown (U)</small>	

COORDINATOR COMMENTS

<input style="width: 100%; height: 20px;" type="text"/>			
Gear ID#	NET POSITION	EXPERIMENTAL (E), or CONTROL (C).	BRD OPEN or BRD CLOSED (circle one)
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
TOTAL CATCH WEIGHT (kg)		SHRIMP TOTAL WEIGHT (kg)	
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
SHRIMP		HEAD ON (O), HEAD OFF (X)	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER ≤ 100 mm	NO. OF RED SNAPPER > 100 mm
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
<i>Attach length frequency form for red snapper</i>			
Comments: _____			

<input style="width: 100%; height: 20px;" type="text"/>			
Gear ID#	NET POSITION	EXPERIMENTAL (E), or CONTROL (C).	BRD OPEN or BRD CLOSED (circle one)
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
TOTAL CATCH WEIGHT (kg)		SHRIMP TOTAL WEIGHT (kg)	
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
SHRIMP		HEAD ON (O), HEAD OFF (X)	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER ≤ 100 mm	NO. OF RED SNAPPER > 100 mm
<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>
<i>Attach length frequency form for red snapper</i>			
Comments: _____			

Characterization sample completed? YES (Attach species forms). NO

Captain's Signature _____

CONDITION & FATE FORM

BRD TESTING PROTOCOL

ORG PRO

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TRIP NO.

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VESSEL

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TOW

NUMBER

CONTROL or EXPERIMENTAL CIRCLE ONE	NET POSITION	<input style="width: 20px; height: 20px;" type="text"/>	CONTROL or EXPERIMENTAL CIRCLE ONE	NET POSITION	<input style="width: 20px; height: 20px;" type="text"/>
--	--------------	---	--	--------------	---

CONDITION AND FATE OF BYCATCH PRIOR TO DISCARDING

Check the appropriate boxes.

FISH	FISH
<input type="checkbox"/> MORE THAN 50% OF CATCH ALIVE	<input type="checkbox"/> MORE THAN 50% OF CATCH ALIVE
<input type="checkbox"/> MORE THAN 50% OF CATCH DEAD	<input type="checkbox"/> MORE THAN 50% OF CATCH DEAD
<input type="checkbox"/> NOT DETERMINED (CATCH NOT DUMPED)	<input type="checkbox"/> NOT DETERMINED (CATCH NOT DUMPED)
<input type="checkbox"/> NOT OBSERVED	<input type="checkbox"/> NOT OBSERVED
COMMENTS: _____	COMMENTS: _____
INVERTEBRATES	INVERTEBRATES
<input type="checkbox"/> MORE THAN 50% OF CATCH ALIVE	<input type="checkbox"/> MORE THAN 50% OF CATCH ALIVE
<input type="checkbox"/> MORE THAN 50% OF CATCH DEAD	<input type="checkbox"/> MORE THAN 50% OF CATCH DEAD
<input type="checkbox"/> NOT DETERMINED (CATCH NOT DUMPED)	<input type="checkbox"/> NOT DETERMINED (CATCH NOT DUMPED)
<input type="checkbox"/> NOT OBSERVED	<input type="checkbox"/> NOT OBSERVED
COMMENTS: _____	COMMENTS: _____

PREDATORS OBSERVED

Refer to the table and choose the appropriate number code for each predator type.

PREDATORS OBSERVED	PREDATORS OBSERVED
<input type="checkbox"/> SHARKS	<input type="checkbox"/> SHARKS
<input type="checkbox"/> DOLPHINS	<input type="checkbox"/> DOLPHINS
<input type="checkbox"/> OTHER FISH	<input type="checkbox"/> OTHER FISH
<input type="checkbox"/> SEA BIRDS	<input type="checkbox"/> SEA BIRDS
COMMENTS: _____	COMMENTS: _____

- 0 = Predator not present in area.
- 1 = Predator observed but "not" feeding on organisms exiting BRD.
- 2 = Predator observed "feeding" on organisms exiting BRD.
- 3 = Predator observed but couldn't determine (or could not see) if they were feeding on organisms exiting BRD.
- 9 = Not determined (Observer was not able to check for predator).

ESTIMATED # OF ORGANISMS SEEN EXITING BRD DURING NET RETRIEVAL

Check the appropriate boxes.

ESTIMATED # OF ORGANISMS SEEN EXITING BRD DURING NET RETRIEVAL	ESTIMATED # OF ORGANISMS SEEN EXITING BRD DURING NET RETRIEVAL
<input type="checkbox"/> (1 - 10)	<input type="checkbox"/> (1 - 10)
<input type="checkbox"/> (10 - 50)	<input type="checkbox"/> (10 - 50)
<input type="checkbox"/> (50 - 100)	<input type="checkbox"/> (50 - 100)
<input type="checkbox"/> (100 OR MORE)	<input type="checkbox"/> (100 OR MORE)
<input type="checkbox"/> NONE	<input type="checkbox"/> NONE
<input type="checkbox"/> N/A (BRD Closed)	<input type="checkbox"/> N/A (BRD Closed)
<input type="checkbox"/> NOT OBSERVED <small>(or not able to see.)</small>	<input type="checkbox"/> NOT OBSERVED <small>(or not able to see.)</small>
COMMENTS: _____	COMMENTS: _____

SPECIES CHARACTERIZATION FORM

BRD TESTING PROTOCOL

ORG PRO

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TRIP NO.

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VESSEL

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TOW NUMBER

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NET POSITION

Control (C) or Experimental (E)

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COMMON NAME	GENUS					SPECIES					NUMBER	SAMPLE WEIGHT (kg)		SELECT WEIGHT (kg)			
BROWN SHRIMP	F	A	R	F	A	N	T	A	Z	T	E	C	U				
WHITE SHRIMP	L	I	T	O	P	E	N	S	E	T	I	F	E				
PINK SHRIMP	F	A	R	F	A	N	T	D	U	O	R	A	R				
PENAEUS DISCARD	P	E	N	A	E	U	S	D	I	S	C	A	R				
CRABS, LOBSTERS, ETC.	C	R	U	S	T	A	C							1			
OTHER INVERTEBRATES	I	N	V	E	R	T	E							1			
BLACKNOSE SHARK	C	A	R	C	H	A	R	A	C	R	O	N	O				
SPINNER SHARK	C	A	R	C	H	A	R	B	R	E	V	I	P				
FINETOOTH SHARK	C	A	R	C	H	A	R	I	S	O	D	O	N				
BLACKTIP SHARK	C	A	R	C	H	A	R	L	I	M	B	A	T				
ATLANTIC SHARPNOSE SHARK	R	H	I	Z	O	P	R	T	E	R	R	A	E				
BONNETHEAD SHARK	S	P	H	Y	R	N	A	T	I	B	U	R	O				
SMOOTH DOGFISH SHARK	M	U	S	T	E	L	U	C	A	N	I	S					
FLORIDA SMOOTH-NOSE SHARK	M	U	S	T	E	L	U	N	O	R	R	I	S				
LEMON SHARK	N	E	G	A	P	R	I	B	R	E	V	I	R				
OTHER SHARKS NOT LISTED	C	A	R	C	H	A	R										
TROUT	C	Y	N	O	S	C	I										
SNAPPER (OTHER)	L	U	T	J	A	N	U										
LANE SNAPPER	L	U	T	J	A	N	U	S	Y	N	A	G	R				
CROAKER	M	I	C	R	O	P	O	U	N	D	U	L	A				
SOUTHERN FLOUNDER	P	A	R	A	L	I	C	L	E	T	H	O	S				
BLACK DRUM	P	O	G	O	N	I	A	C	R	O	M	I	S				
COBIA	R	A	C	H	Y	C	E	C	A	N	A	D	U				
VERMILLION SNAPPER	R	H	O	M	B	O	P	A	U	R	O	R	U				
RED DRUM	S	C	I	A	E	N	O	O	C	E	L	L	A				
SPOTTED SEATROUT	C	Y	N	O	S	C	I	N	E	B	U	L	O				
KING MACKEREL	S	C	O	M	B	E	R	C	A	V	A	L	L				
SPANISH MACKEREL	S	C	O	M	B	E	R	M	A	C	U	L	A				
LONGSPINE PORGY	S	T	E	N	O	T	O	C	A	P	R	I	N				
OTHER FINFISH-GROUPED	P	I	S	C	E	S								1			
DEBRIS	D	E	B	R	I	S								1			
DOMINANTS / OTHER NOT LISTED																	

SPECIES CHARACTERIZATION FORM - MODIFIED SOUTH ATLANTIC PENAEID SHRIMP

ORGPRO TRIP NO.

VESSEL

TOW NUMBER

NET POSITION

Control (C) or Experimental (E)

COMMON NAME	GENUS	SPECIES	NUMBER	SAMPLE WEIGHT (kg)	SELECT WEIGHT (kg)
BROWN SHRIMP	F A R F A N T	A Z T E C U			
WHITE SHRIMP	L I T O P E N	S E T I F E			
PINK SHRIMP	F A R F A N T	D U O R A R			
PENAEUS DISCARD	P E N A E U S	D I S C A R			
BLUE CRAB	C A L L I N E	S A P I D U			
CRABS, LOBSTERS, ETC.	C R U S T A C		1		
CANNONBALL JELLYFISH	S T O M O L O	M E L E A G			
JELLYFISH FAMILY	C A R Y B D E		1		
OTHER INVERTEBRATES	I N V E R T E		1		
STAR DRUM	S T E L L I F	L A N C E O			
ATLANTIC MENHADEN	B R E V O O R	T Y R A N N			
SHAD	A L O S A				
SPINNER SHARK	C A R C H A R	B R E V I P			
SILKY SHARK	C A R C H A R	F A L C I F			
FINETOOTH SHARK	C A R C H A R	I S O D O N			
BLACKTIP SHARK	C A R C H A R	L I M B A T			
ATLANTIC SHARPNOSE SHARK	R H I Z O P R	T E R R A E			
BONNETHEAD SHARK	S P H Y R N A	T I B U R O			
SMOOTH DOGFISH SHARK	M U S T E L U	C A N I S			
SCALLOPED HAMMERHEAD SHARK	S P H Y R N A	L E W I N I			
OTHER SHARKS NOT LISTED	C A R C H A R				
SPOTTED SEATROUT	C Y N O S C I	N E B U L O			
SILVER SEATROUT	C Y N O S C I	N O T H U S			
WEAKFISH (GRAY TROUT)	C Y N O S C I	R E G A L I			
SEATROUT (GENUS)	C Y N O S C I				
SPOT	L E I O S T O	X A N T H U			
ATLANTIC CROAKER	M I C R O P O	U N D U L A			
SOUTHERN KINGFISH	M E N T I C I	A M E R I C			
NORTHERN KINGFISH	M E N T I C I	S A X A T I			
RED DRUM	S C I A E N O	O C E L L A			
BLACK DRUM	P O G O N I A	C R O M I S			
COBIA	R A C H Y C E	C A N A D U			
SOUTHERN FLOUNDER	P A R A L I C	L E T H O S			
SUMMER FLOUNDER	P A R A L I C	D E N T A T			
KING MACKEREL	S C O M B E R	C A V A L L			
SPANISH MACKEREL	S C O M B E R	M A C U L A			
SCUP	S T E N O T O	C H R Y S O			
GAG	M Y C T E R O	M I C R O L			
BLACK SEABASS	C E N T R O P	S T R I A T			
BANK SEABASS	C E N T R O P	O C Y U R O			
ROCK SEABASS	C E N T R O P	P H I L A D			
FLORIDA POMPANO	T R A C H I N	C A R O L I			
BLUEFISH	P O M A T O M	S A L T A T			
STURGEON	A C I P E N S				
OTHER FINFISH-GROUPED	P I S C E S		1		
DEBRIS	D E B R I S		1		

SPECIES CHARACTERIZATION FORM - MODIFIED SOUTH ATLANTIC ROCK SHRIMP

ORG PRO TRIP NO.

VESSEL

TOW NUMBER

NET POSITION

Control (C) or Experimental (E)

COMMON NAME	GENUS	SPECIES	NUMBER	SAMPLE WEIGHT (kg)	SELECT WEIGHT (kg)
ROCK SHRIMP	S I C Y O N I				
ROCK SHRIMP CULL	S I C Y O N I	D I S C A R			
BROWN SHRIMP	F A R F A N T	A Z T E C U			
WHITE SHRIMP	L I T O P E N	S E T I F E			
PINK SHRIMP	F A R F A N T	D U O R A R			
PENAEUS DISCARD	P E N A E U S	D I S C A R			
IRIDESCENT SWIMMING CRAB	P O R T U N U	G I B B E S			
LONGSPINE SWIMMING CRAB	P O R T U N U	S P I N I C			
CRABS, LOBSTERS, ETC.	C R U S T A C		1		
OTHER INVERTEBRATES	I N V E R T E		1		
DUSKY FLOUNDER	S Y A C I U M	P A P I L L			
INSHORE LIZARDFISH	S Y N O D U S	F O E T E N			
SHAD	A L O S A				
SPINNER SHARK	C A R C H A R	B R E V I P			
SILKY SHARK	C A R C H A R	F A L C I F			
FINETOOH SHARK	C A R C H A R	I S O D O N			
BLACKTIP SHARK	C A R C H A R	L I M B A T			
ATLANTIC SHARPNOSE SHARK	R H I Z O P I	T E R R A E			
BONNETHEAD SHARK	S P H Y R N A	T I B U R O			
SMOOTH DOGFISH SHARK	M U S T E L U	C A N I S			
SCALLOPED HAMMERHEAD SHARK	S P H Y R N A	L E W I N I			
OTHER SHARKS NOT LISTED	C A R C H A R				
SPOTTED SEATROUT	C Y N O S C I	N E B U L O			
SILVER SEATROUT	C Y N O S C I	N O T H U S			
WEAKFISH (GRAY TROUT)	C Y N O S C I	R E G A L I			
SEATROUT (GENUS)	C Y N O S C I				
SPOT	L E I O S T O	X A N T H U			
ATLANTIC CROAKER	M I C R O P O	U N D U L A			
SOUTHERN KINGFISH	M E N T I C I	A M E R I C			
NORTHERN KINGFISH	M E N T I C I	S A X A T I			
RED DRUM	S C I A E N O	O C E L L A			
BLACK DRUM	P O G O N I A	C R O M I S			
COBIA	R A C H Y C E	C A N A D U			
SOUTHERN FLOUNDER	P A R A L I C	L E T H O S			
SUMMER FLOUNDER	P A R A L I C	D E N T A T			
KING MACKEREL	S C O M B E R	C A V A L L			
SPANISH MACKEREL	S C O M B E R	M A C U L A			
SCUP	S T E N O T O	C H R Y S O			
GAG	M Y C T E R O	M I C R O L			
BLACK SEABASS	C E N T R O P	S T R I A T			
BANK SEABASS	C E N T R O P	O C Y U R O			
ROCK SEABASS	C E N T R O P	P H I L A D			
FLORIDA POM PANO	T R A C H I N	C A R O L I			
BLUEFISH	P O M A T O M	S A L T A T			
STURGEON	A C I P E N S				
OTHER FINFISH-GROUPED	P I S C E S		1		
DEBRIS	D E B R I S		1		

SPECIES CHARACTERIZATION FORM

SHRIMP CHARACTERIZATION

ORG PRO

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TRIP NO.

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VESSEL

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TOW
NUMBER

NET POSITION

Control (C) or Experimental (E)

COMMON NAME	GENUS			SPECIES			NUMBER			SAMPLE WEIGHT (kg)			SELECT WEIGHT (kg)		
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