

**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)

Data sheets signed by captain

Circle One 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

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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 _____	_____

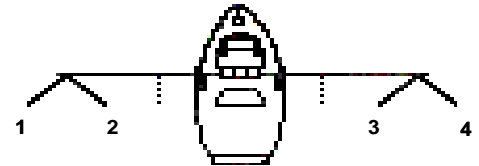
TRY NET

HRL _____ NET# _____ (Location)

FRL _____ APPLICABLE

TOW #S _____

CIRCLE TRY NET LOCATION ON DIAGRAM



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

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

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

TURTLES SIGHTED

	SPECIES	LAT/LONG	DATE
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
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							
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37							
38							
39							
40							
41							
42							
43							
44							
45							

TRIP REPORT - SHRIMP BY-CATCH

SAMPLED TOW LOG

TRIP # _____

DATE	TOW #	TIME IN	TIME OUT	HOURS TOWED	DEPTH (FEET)	STAT ZONE	EXP NP	CONT NP

GEAR SPECIFICATION FORM

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

Control (C) or Experimental (E)

BRD TESTING PROTOCOL

Gear ID #

ORGPRO

TRIP NO.

VESSEL

TOW NO.

MO DY YR

DATE

NET POSITION

SECTION I		NET GEAR MEASUREMENTS	
NET TYPE AND HEAD/FOOT ROPE MEASUREMENTS		LEG LINE MEASUREMENTS	
Net Type <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/>	Top Leg Length <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/> Feet
Headrope Length <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/> Feet	Bottom Leg Length <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/> Feet
Footrope Length <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/> Feet	Top Leg Dummy <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" type="text"/> Feet
Comments <input style="width: 100%; height: 20px;" type="text"/>		Bottom Leg Dummy <input style="width: 30px; height: 15px;" type="text"/>	<input style="width: 30px; height: 15px;" 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"/>		
None <input type="checkbox"/>			
Mesh Size <input style="width: 30px; height: 15px;" type="text"/> Inches	Mesh Size <input style="width: 30px; height: 15px;" type="text"/> Inches		
Comments <input style="width: 100%; height: 20px;" type="text"/>		Comments <input style="width: 100%; height: 20px;" 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 style="width: 30px; height: 15px;" type="text"/> Inches Twine Size <input style="width: 30px; height: 15px;" type="text"/>		Comments <input style="width: 100%; height: 20px;" type="text"/>	
Comments <input style="width: 100%; height: 20px;" type="text"/>		TICKLER CHAIN	
DOORS		Chain Length <input style="width: 30px; height: 15px;" type="text"/> Feet	
Type: Aluminum <input type="checkbox"/> Wood <input type="checkbox"/> Steel <input type="checkbox"/> Other <input type="checkbox"/>		Chain Size (gauge) <input style="width: 30px; height: 15px;" type="text"/> Inches	
Door Length <input style="width: 30px; height: 15px;" type="text"/> Feet None <input type="checkbox"/>		Comments <input style="width: 100%; height: 20px;" type="text"/>	
Door Height <input style="width: 30px; height: 15px;" type="text"/> Feet		LAZY LINE	
Dummy Door Length <input style="width: 30px; height: 15px;" type="text"/> Feet		Rigging: Elephant Ears <input type="checkbox"/> Choke <input type="checkbox"/>	
Comments <input style="width: 100%; height: 20px;" type="text"/>		Comments <input style="width: 100%; height: 20px;" type="text"/>	

SECTION II		BRD MEASUREMENTS	
BRD TYPE: Fisheye <input type="checkbox"/>		Jones Davis <input type="checkbox"/>	
Extended Funnel <input type="checkbox"/>		Modified Jones Davis <input type="checkbox"/>	
Composite <input type="checkbox"/>		None <input type="checkbox"/>	
Other <input style="width: 100%; height: 15px;" type="text"/>		Spooker Cone: Yes <input type="checkbox"/> or No <input type="checkbox"/>	
BRD position: Top <input type="checkbox"/>		Offset <input type="checkbox"/>	
Codend length (# of meshes): <input style="width: 30px; height: 15px;" type="text"/>		Circumference of the codend (# of meshes): <input style="width: 30px; height: 15px;" type="text"/>	
Distance of escape opening from elephant ear or choke rings: <input style="width: 30px; height: 15px;" type="text"/> Feet <input style="width: 30px; height: 15px;" type="text"/> Inches		Distance of escape opening from tie off rings: <input style="width: 30px; height: 15px;" type="text"/> Feet <input style="width: 30px; height: 15px;" type="text"/> Inches	
Number of meshes the fisheye is offset from top center <input style="width: 30px; height: 15px;" type="text"/>		Fisheye (BRD) escape opening: Height <input style="width: 30px; height: 15px;" type="text"/> Inches Width <input style="width: 30px; height: 15px;" type="text"/> Inches	
Shape of the escape opening: oval, diamond, square, halfmoon, rectangle, triangle, if other			
Specify <input style="width: 100%; height: 15px;" type="text"/>		(check one)	
Look from the mouth of the net, is the BRD located		Front <input type="checkbox"/> at <input type="checkbox"/> Behind <input type="checkbox"/>	
in front of, at, or behind the point of attachment of the elephant ears:		What is the length of the elephant ear from the point of attachment to the tip of the ring: <input style="width: 30px; height: 15px;" type="text"/> Inches	
Distance from point of attachment of elephant ear to tie off rings: <input style="width: 30px; height: 15px;" type="text"/> Feet		<input style="width: 30px; height: 15px;" type="text"/> Inches	

TED/BRD SPECIFICATION FORM

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

BRD TESTING PROTOCOL

ORGPRO	MO	DY	YR		
TRIP NO.	DATE			NET	GEAR ID #

SECTION III TED MEASUREMENTS

TED TYPE SOFT HARD

TED DESIGN (CIRCLE ONE) WEEDLESS CURVED BAR STRAIGHT BAR UNKNOWN

TED OPENING TOP BOTTOM

TED FUNNEL (YES OR NO) **TED MATERIAL**

TED FLAP (YES OR NO) **# OF TED FLOATS**

TED ANGLE (DEGREES) **FLOAT TYPE**

Material:
Shape:

TED DIMENSIONS LENGTH (INCHES)

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 WIDTH (INCHES)

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GEAR DESCRIPTIONS

BRD DESCRIPTION

BRD DIAGRAM

BRD DIAGRAM

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

GEAR DESCRIPTION

GEAR DIAGRAM

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
<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"/>		
START DATE			TIME IN	LATITUDE IN			LONGITUDE IN		
<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"/>		
STOP DATE			TIME OUT	LATITUDE OUT			LONGITUDE OUT		
<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"/>		
HOURS TOWED			VESSEL SPEED	STAT ZONE	OPERATION CODE	TOTAL NETS	SEA STATE	NET RETRIEVAL DIRECTION	SCALE TYPE
<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"/>	<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"/>
KNOTS		1 2 3 4							
<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"/>	

COORDINATOR COMMENTS

Digital (D),
Mechanical (M),
Both (B) or
Unknown (U)

<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: 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"/>
TOTAL CATCH WEIGHT (kg)	SHRIMP TOTAL WEIGHT (kg)	SHRIMP HEAD ON (O), HEAD OFF (X)	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER ≤ 100 mm	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
<i>Attach length frequency form for red snapper</i>			
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER > 100 mm	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	

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: 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"/>
TOTAL CATCH WEIGHT (kg)	SHRIMP TOTAL WEIGHT (kg)	SHRIMP HEAD ON (O), HEAD OFF (X)	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER ≤ 100 mm	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
<i>Attach length frequency form for red snapper</i>			
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	
RED SNAPPER TOTAL WEIGHT (kg)	RED SNAPPER TOTAL NUMBER	NO. OF RED SNAPPER > 100 mm	
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	

Comments: _____

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

Captain's Signature _____

CONDITION & FATE FORM

BRD TESTING PROTOCOL

ORG PRO

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

TRIP NO.

--	--	--

VESSEL

--	--	--

TOW

NUMBER

CONTROL or EXPERIMENTAL NET POSITION <input style="width: 20px; height: 15px;" type="text"/> <b style="text-align: center;">CIRCLE ONE	CONTROL or EXPERIMENTAL NET POSITION <input style="width: 20px; height: 15px;" type="text"/> <b style="text-align: center;">CIRCLE ONE
--	--

CONDITION AND FATE OF BYCATCH PRIOR TO DISCARDING

Check the appropriate boxes.

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

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

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

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

PREDATORS OBSERVED

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

PREDATORS OBSERVED	
<input type="checkbox"/>	SHARKS OTHER FISH <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	DOLPHINS SEA BIRDS <input style="width: 20px; height: 15px;" type="text"/>
COMMENTS: _____	

PREDATORS OBSERVED	
<input type="checkbox"/>	SHARKS OTHER FISH <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	DOLPHINS SEA BIRDS <input style="width: 20px; height: 15px;" type="text"/>
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.

<input type="checkbox"/>	(1 - 10)	NONE <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(10 - 50)	N/A (BRD Closed) <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(50 - 100)	NOT OBSERVED <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(100 OR MORE)	(or not able to see.) <input style="width: 20px; height: 15px;" type="text"/>
COMMENTS: _____		

<input type="checkbox"/>	(1 - 10)	NONE <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(10 - 50)	N/A (BRD Closed) <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(50 - 100)	NOT OBSERVED <input style="width: 20px; height: 15px;" type="text"/>
<input type="checkbox"/>	(100 OR MORE)	(or not able to see.) <input style="width: 20px; height: 15px;" type="text"/>
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)		
1															
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39															

LENGTH FREQUENCY FORM (TARGET SPECIES)

BRD TESTING PROTOCOL

ORG	PRO								
TRIP NO.									

VESSEL			

TOW NUMBER			

<input type="checkbox"/>
NET POSITION

<input type="checkbox"/>
Control (C) or Experimental (E)

GENUS									
SPECIES									MEAS.CODE

GENUS									
SPECIES									MEAS.CODE

GENUS									
SPECIES									MEAS.CODE

LENGTH (MM)			
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NUMBER OF BROKEN (UNMEASURABLE)	
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LENGTH (MM)			
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NUMBER OF BROKEN (UNMEASURABLE)	
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LENGTH (MM)			
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NUMBER OF BROKEN (UNMEASURABLE)	
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