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	_____

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VESSEL INFORMATION FORM

ORG PRO			MO DY YR	MO DY YR
TRIP NO.	VESSEL CODE	OBSERVER	DATE: START OF TRIP	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 CAPTAINS SIGNATURE: _____

TRIP REPORT - SHRIMP BY-CATCH

TRIP # _____

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

PORT OF DEPARTURE STATE _____ / CITY _____

OBSERVER NAME _____ ORGANIZATION _____

TRIP DATES MTH/DAY _____ - MTH/DAY _____ YEAR _____ OBSERVER DAYS _____

(dates, total # of travel and sea days allotted for this trip)

DATES AT SEA MTH/DAY _____ - MTH/DAY _____ YEAR _____ SEA DAYS _____

(dates, total # of days at sea from port to port)

24 HR. DAYS FISHED (including tows not sampled)

TOTAL TIME (hours towed) _____ / 24 = _____

STARTING TOW # _____

ENDING TOW # _____

(DO NOT INCLUDE TOWS NOT SAMPLED)

AVERAGE TOW TIME

TOT.TIME HOURS TOWED [SAMPLED] (1)

TOT.TIME HOURS TOWED [UNSAMPLED] (2)

TOT.# TOWS SAMPLED (3)

TOT.# TOWS UNSAMPLED (4)

(1) (2) (3) (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	_____	_____

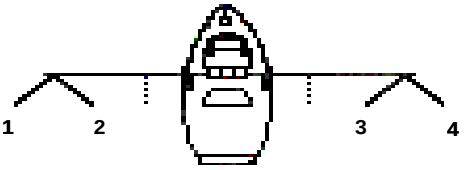
(ENTER N/A FOR NET #s 1&4 IF ONLY TWO NETS ARE PULLED BY YOUR BOAT)

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

	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							
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32							
33							
34							
35							
36							
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

PAGE_____ OF _____

GEAR SPECIFICATION FORM

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BRD TESTING PROTOCOL

Control (C) or Experimental (E) ☐

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

Net Type ☐☐☐☐☐☐☐☐☐☐☐

Headrope Length ☐☐☐.☐ Feet

Footrope Length ☐☐☐.☐ Feet

Comments

LEG LINE MEASUREMENTS

Top Leg Length ☐☐.☐ Feet

Bottom Leg Length ☐☐.☐ Feet

Top Leg Dummy ☐☐.☐ Feet

Bottom Leg Dummy ☐☐.☐ Feet

TRAWL BODY

Type: Nylon ☐ Poly ☐ Sapphire ☐ Spectra ☐

Mesh Size ☐.☐☐ Inches

Comments

TRAWL EXTENSION

Type: Nylon ☐ Poly ☐ Sapphire ☐ Spectra ☐ None ☐

Mesh Size ☐.☐☐ Inches

Comments

COD END

Type: Nylon ☐ Poly ☐ Sapphire ☐ Spectra ☐

Mesh Size ☐.☐☐ Inches Twine Size ☐☐

Comments

CHAFFING GEAR

Type Whiskers ☐ Mesh ☐ Metal ☐ None ☐

Comments

TICKLER CHAIN

Chain Length ☐☐☐.☐ Feet

Chain Size (gauge) ☐.☐☐ Inches

Comments

DOORS

Type: Aluminum ☐ Wood ☐ Steel ☐ Other ☐

Door Length ☐☐.☐ Feet None ☐

Door Height ☐☐.☐ Feet

Dummy Door Length ☐☐.☐ Feet

Comments

LAZY LINE

Rigging: Elephant Ears ☐ Choke ☐

Comments

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

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BRD TESTING PROTOCOL

ORGPRO			MO	DY	YR		
TRIP NO.	VESSEL	TOW NO.	DATE			NET POSITION	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 FLAP (YES OR NO) ☐

TED ANGLE (DEGREES) ☐☐☐

TED DIMENSIONS LENGTH (INCHES) ☐☐☐
WIDTH (INCHES) ☐☐☐

TED MATERIAL ☐

 # OF TED FLOATS ☐☐

FLOAT TYPE
Material:
Shape:

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) (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)

COMMENTS:

STATION TOW #

STAT. ZONE

CHECK ONE: ____ INSHORE ____ NEARSHORE ____ OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)

COMMENTS:

STATION TOW #

STAT. ZONE

CHECK ONE: ____ INSHORE ____ NEARSHORE ____ OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)

COMMENTS:

STATION TOW #

STAT. ZONE

CHECK ONE: ____ INSHORE ____ NEARSHORE ____ OFFSHORE

TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)	TRY NET TOW #	TIME IN	TIME OUT	TURTLE (X) (X)

COMMENTS:

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STATION SHEET BRD EVALUATION

Station ID#

BRD TESTING PROTOCOL

ORG PRO | TRIP NO. | VESSEL | TOW NO. | OBSERVER

MONTH DAY YEAR | START DATE | TIME IN | DEGREE MINUTE SECONDS | LATITUDE IN | DEGREE MINUTE SECONDS | LONGITUDE IN | DEPTH IN (FEET)

MONTH DAY YEAR | STOP DATE | TIME OUT | DEGREE MINUTE SECONDS | LATITUDE OUT | DEGREE MINUTE SECONDS | LONGITUDE OUT | DEPTH OUT (FEET)

HOURS TOWED	KNOTS VESSEL SPEED	STAT ZONE	1 2 3 4 OPERATION CODE	TOTAL NETS	SEA STATE	NET RETRIEVAL DIRECTION Up (U), Down (D), or Cross (C) Sea	SCALE TYPE Digital (D), Mechanical (M), Both (B) or Unknown (U)
.	.						

COORDINATOR COMMENTS

Gear ID# | NET POSITION | EXPERIMENTAL (E), or CONTROL (C). | BRD OPEN or BRD CLOSED (circle one) | SAMPLE WEIGHT (kg)

TOTAL CATCH WEIGHT (kg) | SHRIMP TOTAL WEIGHT (kg) | SHRIMP **HEAD ON (O), HEAD OFF (X)**

Attach length frequency form for red snapper

RED SNAPPER TOTAL WEIGHT (kg) | RED SNAPPER TOTAL NUMBER | NO. OF RED SNAPPER ≤ 100 mm | NO. OF RED SNAPPER > 100 mm

Comments: _____

Gear ID# | NET POSITION | EXPERIMENTAL (E), or CONTROL (C). | BRD OPEN or BRD CLOSED (circle one) | SAMPLE WEIGHT (kg)

TOTAL CATCH WEIGHT (kg) | SHRIMP TOTAL WEIGHT (kg) | SHRIMP **HEAD ON (O), HEAD OFF (X)**

Attach length frequency form for red snapper

RED SNAPPER TOTAL WEIGHT (kg) | RED SNAPPER TOTAL NUMBER | NO. OF RED SNAPPER ≤ 100 mm | NO. OF RED SNAPPER > 100 mm

Comments: _____

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

Captain's Signature _____

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CONDITION & FATE FORM

BRD TESTING PROTOCOL

ORG PRO | TRIP NO. | VESSEL | TOW NUMBER

CONTROL or EXPERIMENTAL (CIRCLE ONE) — NET POSITION	CONTROL or EXPERIMENTAL (CIRCLE ONE) — NET POSITION

CONDITION AND FATE OF BYCATCH PRIOR TO DISCARDING

Check the appropriate boxes.

FISH	FISH
MORE THAN 50% OF CATCH ALIVE	MORE THAN 50% OF CATCH ALIVE
MORE THAN 50% OF CATCH DEAD	MORE THAN 50% OF CATCH DEAD
NOT DETERMINED (CATCH NOT DUMPED)	NOT DETERMINED (CATCH NOT DUMPED)
NOT OBSERVED	NOT OBSERVED
COMMENTS:	COMMENTS:

INVERTEBRATES	INVERTEBRATES
MORE THAN 50% OF CATCH ALIVE	MORE THAN 50% OF CATCH ALIVE
MORE THAN 50% OF CATCH DEAD	MORE THAN 50% OF CATCH DEAD
NOT DETERMINED (CATCH NOT DUMPED)	NOT DETERMINED (CATCH NOT DUMPED)
NOT OBSERVED	NOT OBSERVED
COMMENTS:	COMMENTS:

PREDATORS OBSERVED

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

PREDATORS OBSERVED		PREDATORS OBSERVED	
SHARKS	OTHER FISH	SHARKS	OTHER FISH
DOLPHINS	SEA BIRDS	DOLPHINS	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.

(1 - 10)	NONE	(1 - 10)	NONE
(10 - 50)	N/A (BRD Closed)	(10 - 50)	N/A (BRD Closed)
(50 - 100)	NOT OBSERVED (or not able to see.)	(50 - 100)	NOT OBSERVED (or not able to see.)
(100 OR MORE)		(100 OR MORE)	
COMMENTS:		COMMENTS:	

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SPECIES CHARACTERIZATION FORM

BRD TESTING PROTOCOL

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)
BROWN SHRIMP	FARFANT	AZTECU			
WHITE SHRIMP	LITOPEN	SETIFE			
PINK SHRIMP	FARFANT	DUORAR			
PENAEUS DISCARD	PENAEUS	DISCAR			
CRABS, LOBSTERS, ETC.	CRUSTAC		1		
OTHER INVERTEBRATES	INVERTE		1		
BLACKNOSE SHARK	CARCHAR	ACRONO			
SPINNER SHARK	CARCHAR	BREVIP			
FINETOOTH SHARK	CARCHAR	ISODON			
BLACKTIP SHARK	CARCHAR	LIMBAT			
ATLANTIC SHARPNOSE SHARK	RHIZOPR	TERRAE			
BONNETHEAD SHARK	SPHYRNA	TIBURO			
SMOOTH DOGFISH SHARK	MUSTELU	CANIS			
FLORIDA SMOOTHHOUND SHARK	MUSTELU	NORRIS			
LEMON SHARK	NEGAPRI	BREVIR			
OTHER SHARKS NOT LISTED	CARCHAR				
TROUT	CYNOSCI				
SNAPPER (OTHER)	LUTJANU				
LANE SNAPPER	LUTJANU	SYNAGR			
CROAKER	MICROPO	UNDULA			
SOUTHERN FLOUNDER	PARALIC	LETHOS			
BLACK DRUM	POGONIA	CROMIS			
COBIA	RACHYCE	CANADU			
VERMILLION SNAPPER	RHOMBOP	AURORU			
RED DRUM	SCIAENO	OCELLA			
SPOTTED SEATROUT	CYNOSCI	NEBULO			
KING MACKEREL	SCOMBER	CAVALL			
SPANISH MACKEREL	SCOMBER	MACULA			
LONGSPINE PORGY	STENOTO	CAPRIN			
OTHER FINFISH-GROUPED	PISCES		1		
DEBRIS	DEBRIS		1		
DOMINANTS / OTHER NOT LISTED					

PAGE _____ OF _____

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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	FARFANT	AZTECU			
WHITE SHRIMP	LITOPEN	SETIFE			
PINK SHRIMP	FARFANT	DUORAR			
PENAEUS DISCARD	PENAEUS	DISCAR			
BLUE CRAB	CALLINE	SAPIDU			
CRABS, LOBSTERS, ETC.	CRUSTAC		1		
CANNONBALL JELLYFISH	STOMOLO	MELEAG			
JELLYFISH FAMILY	CARYBDE		1		
OTHER INVERTEBRATES	INVERTE		1		
STAR DRUM	STELLIF	LANCEO			
ATLANTIC MENHADEN	BREVOOR	TYRANN			
SHAD	ALOSA				
SPINNER SHARK	CARCHAR	BREVIP			
SILKY SHARK	CARCHAR	FALCIF			
FINETOOH SHARK	CARCHAR	ISODON			
BLACKTIP SHARK	CARCHAR	LIMBAT			
ATLANTIC SHARPNOSE SHARK	RHIZOPR	TERRAE			
BONNETHEAD SHARK	SPHYRNA	TIBURO			
SMOOTH DOGFISH SHARK	MUSTELU	CANIS			
SCALLOPED HAMMERHEAD SHARK	SPHYRNA	LEWINI			
OTHER SHARKS NOT LISTED	CARCHAR				
SPOTTED SEATROUT	CYNOSCI	NEBULO			
SILVER SEATROUT	CYNOSCI	NOTHUS			
WEAKFISH (GRAY TROUT)	CYNOSCI	REGALI			
SEATROUT (GENUS)	CYNOSCI				
SPOT	LEIOSTO	XANTHU			
ATLANTIC CROAKER	MICROPO	UNDULA			
SOUTHERN KINGFISH	MENTICI	AMERIC			
NORTHERN KINGFISH	MENTICI	SAXATI			
RED DRUM	SCIAENO	OCELLA			
BLACK DRUM	POGONIA	CROMIS			
COBIA	RACHYCE	CANADU			
SOUTHERN FLOUNDER	PARALIC	LETHOS			
SUMMER FLOUNDER	PARALIC	DENTAT			
KING MACKEREL	SCOMBER	CAVALL			
SPANISH MACKEREL	SCOMBER	MACULA			
SCUP	STENOTO	CHRYSO			
GAG	MYCTERO	MICROL			
BLACK SEABASS	CENTROP	STRIAT			
BANK SEABASS	CENTROP	OCYURO			
ROCK SEABASS	CENTROP	PHILAD			
FLORIDA POMPANO	TRACHIN	CAROLI			
BLUEFISH	POMATOM	SALTAT			
STURGEON	ACIPENS				
OTHER FINFISH-GROUPED	PISCES		1		
DEBRIS	DEBRIS		1		

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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	SICYONI				
ROCK SHRIMP CULL	SICYONI	DISCAR			
BROWN SHRIMP	FARFANT	AZTECU			
WHITE SHRIMP	LITOPEN	SETIFE			
PINK SHRIMP	FARFANT	DUORAR			
PENAEUS DISCARD	PENAEUS	DISCAR			
IRIDESCENT SWIMMING CRAB	PORTUNU	GIBBES			
LONGSPINE SWIMMING CRAB	PORTUNU	SPINIC			
CRABS, LOBSTERS, ETC.	CRUSTAC		1		
OTHER INVERTEBRATES	INVERTE		1		
DUSKY FLOUNDER	SYACIUM	PAPILL			
INSHORE LIZARDFISH	SYNODUS	FOETEN			
SHAD	ALOSA				
SPINNER SHARK	CARCHAR	BREVIP			
SILKY SHARK	CARCHAR	FALCIF			
FINETOOH SHARK	CARCHAR	ISODON			
BLACKTIP SHARK	CARCHAR	LIMBAT			
ATLANTIC SHARPNOSE SHARK	RHIZOPI	TERRAE			
BONNETHEAD SHARK	SPHYRNA	TIBURO			
SMOOTH DOGFISH SHARK	MUSTELU	CANIS			
SCALLOPED HAMMERHEAD SHARK	SPHYRNA	LEWINI			
OTHER SHARKS NOT LISTED	CARCHAR				
SPOTTED SEATROUT	CYNOSCI	NEBULO			
SILVER SEATROUT	CYNOSCI	NOTHUS			
WEAKFISH (GRAY TROUT)	CYNOSCI	REGALI			
SEATROUT (GENUS)	CYNOSCI				
SPOT	LEIOSTO	XANTHU			
ATLANTIC CROAKER	MICROPO	UNDULA			
SOUTHERN KINGFISH	MENTICI	AMERIC			
NORTHERN KINGFISH	MENTICI	SAXATI			
RED DRUM	SCIAENO	OCELLA			
BLACK DRUM	POGONIA	CROMIS			
COBIA	RACHYCE	CANADU			
SOUTHERN FLOUNDER	PARALIC	LETHOS			
SUMMER FLOUNDER	PARALIC	DENTAT			
KING MACKEREL	SCOMBER	CAVALL			
SPANISH MACKEREL	SCOMBER	MACULA			
SCUP	STENOTO	CHRYSO			
GAG	MYCTERO	MICROL			
BLACK SEABASS	CENTROP	STRIAT			
BANK SEABASS	CENTROP	OCYURO			
ROCK SEABASS	CENTROP	PHILAD			
FLORIDA POMPANO	TRACHIN	CAROLI			
BLUEFISH	POMATOM	SALTAT			
STURGEON	ACIPENS				
OTHER FINFISH-GROUPED	PISCES		1		
DEBRIS	DEBRIS		1		

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SPECIES CHARACTERIZATION FORM

SHRIMP CHARACTERIZATION

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)
1					.	.
2					.	.
3					.	.
4					.	.
5					.	.
6					.	.
7					.	.
8					.	.
9					.	.
10					.	.
11					.	.
12					.	.
13					.	.
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OMB No. 0648 - 0345 Approval Expires - 01/31/2012

LENGTH FREQUENCY FORM (TARGET SPECIES)

BRD TESTING PROTOCOL

ORG PRO | TRIP NO. | VESSEL | TOW NUMBER | NET POSITION | Control (C) or Experimental (E)

GENUS / SPECIES / MEAS.CODE

GENUS / SPECIES / MEAS.CODE

GENUS / SPECIES / MEAS.CODE

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