Final report VAFRG # 2012-16
Testing Scottish Seine in Virginia's waters

The following is a brief description of gear.

In mid March of 2012, I started fitting the boat with the nessassary equipment, Capstans and fairleads were fabricated and installed, as was a small net reel, that I found to be needed.

first testing of seine was on April 12 in shallow waters. For the next two weeks numerous modifications were made to all equipment, as expected. Anything that could go wrong, did go wrong. Twisted ropes, fouled net, sets fouled by crab pots. I started getting it figured out after about a month. Caught lots of stingrays, sometimes 200 lbs a shot. Flounder were very scarce, I was blaming this on the seine. I later found this was not the case. Moved outside with little flounder being caught. I moved into Bay on June 9th. I worked out of Pungoteague for two weeks. The hard running tides made this fishing almost impossible, except at slack tide. There were less stingrays, and more bycatch, but still not many flounder. I went farther up Bay to Pokomoke sound and did a little better. I recieved a report of flounder being caught in ocean and steamed back on June 23rd. There was a good sign of fish in the ocean on some hauls. I will need to have more warp line to fish the deeper waters there. The capstans turned out to be brutal on your arms and back.

I now realize why the larger boats use hydraulic powered reels to haul and set this gear, I may build two this winter for the spring.

How long to set/haul
I think that this type of fishing could prove to be effective in the inshore ocean areas. There seems to be too much tidal run in the areas of the Bay that I fished. Rope reels that will hold more rope will be a must.

You can see by the cath data that there is very little bycatch. And most were released alive, with exception of stingrays.... no comment....
REQUEST FOR FINAL PAMENT

Date: Oct 18, 2012
Principal investigator Jeffery Hammer
Project Number FRGP 2012-16
Period covered by this request 3/1/12 - 9/30/12
FRGP Account No. 1K5005

Approved Budget 16,617.00
Supplies 9,225.00 PAID
Balance 7,392.00 FUEL

Total request $7,392.00

I certify that all expenditures reported for payments requested, are for appropriate purposes and are in accordance with the agreement set forth in the application and award documents.

[Signature]

Oct 32, 2012
April 16

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DAILY CATCH REPORT

DATE 4-16-12

Area fished Barley Bay

Coordinates at start 41775.3 27158.2

Depth at start 6'

Number of hauls 1

 Marketable catch 0

Set out with thick twisted ropes. Took 4 hours to clean up. Big mess!
DATE 4/17-17
Area fished Bonton Bay S.E.
Coordinates at start 41774.9 N 27158.0
Depth at start 6
Number of hauls 2
 Marketable catch 0

Bycatch 3 stingrays

Twisted up.
DAILY CATCH REPORT

DATE 4-18
Area fished Bootin' Bay
Coordinates at start 41776.6 27157.4
Depth at start ______
Number of hauls 2

 Marketable catch 0 600' rock sick
 0 Fished 1st Shot
 2 Boot enplan & moored - hauled last 100' by hand.

Bycatch

21. horseshoe crab
DATE 4-19-12

Area fished Bertons Bay

Coordinates at start 41779.3 27159.1

Depth at start 6

Number of hauls 2

 Marketable catch 0

Bycatch 19

4 Linghams
6 x-trosmall Flounder - released alive
DATE Apr 190
Area fished Benton Boy
Coordinates at start 41°34.1'N 27°59.7'
Depth at start
Number of hauls 1
Marketable catch
1 Jumbo Flounder

Bycatch
3 Stingray

Set into fish at 10°
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DAILY CATCH REPORT

DATE April 23
Area fished Bortous Bay
Coordinates at start 41 785.8 27159.2
Depth at start 6
Number of hauls 1
 Marketable catch

Bycatch

Hung up in old Crab pot, Feated & rolled up
DATE 4-24-2012
Area fished B B
Coordinates at start 41776.8 27157.8
Depth at start 4
Number of hauls 2

 Marketable catch
A Flounder

Bycatch
11 stingrays
3 HS crabs
1/4 bsk. Hard crab

all released alive
DATE 4-25-12

Area fished B. Bay

Coordinates at start 41 789.3 27 160.9

Depth at start 5

Number of hauls 2

 Marketable catch 0

Bycatch 0

Title was running to海口 to complete haul back. Boot ended up in Moose.
DATE April 26

Area fished Burton's

Coordinates at start 41 789.0 27 159.8

Depth at start 1

Number of hauls 1

 Marketable catch X

Bycatch X

not tendering Bottom - pretty on more weight
DATE: May 1st

Area fished: Bottom

Coordinates at start: 41°790.8  27°160.1

Depth at start: 6

Number of hauls: 1

 Marketable catch:

5 Flounder

Bycatch:

16 Stingray

Net is now teaching Bottom. Yextra chain.
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DAILY CATCH REPORT

DATE May 2
Area fished Benton Bay
Coordinates at start 41° 18' 56" N 78° 15' 59" W
Depth at start 6'
Number of hauls 2
Marketable catch

3 H. flad

Bycatch

11 Stingray
6 H. S. crob.
DATE 5-3-12

Area fished Bemte

Coordinates at start 411275.9 27158.1

Depth at start 6

Number of hauls 3

 Marketable catch
2 Flad 2116

Bycatch
14 32 Stringray 100lb
11 H.S. Crabs
1/2 Bushel Head Crab
FRGP 2012-16
Testing Scottish seine in Virginias waters

DAILY CATCH REPORT

DATE 5-4-12

Area fished Bostic,

Coordinates at start 41.788-4 27.160-3

Depth at start 6

Number of hauls 2

 Marketable catch
12 Flounder = 17 lb.

Bycatch
150 lb. Stray sea.
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DAILY CATCH REPORT

DATE May 8

Area fished Beaufort

Coordinates at start 46°7'7" N 76°58'1" W

Depth at start 6 ft

Number of hauls 2

 Marketable catch

141 Flounder - 20 lbs

Bycatch

Stray fish - 100 lbs
DATE May 9.

Area fished Boatsw Boy

Coordinates at start 41 77.3 - 71 59.2

Depth at start ______

Number of hauls 1

 Marketable catch

3 Flad

Net twisted inside out.

Bycatch


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DAILY CATCH REPORT

DATE May 10 2012

Area fished: Bowers Bay

Coordinates at start: 41.7794 27.1578

Depth at start: 6

Number of hauls: 2

 Marketable catch:
21 Flad 35 lb

Bycatch:
67 Stargazers
14 H.S. Crabs
DATE 5-11-12

Area fished NWOSU

Coordinates at start 41735.2 27162.0

Depth at start 5

Number of hauls 1

 Marketable catch

7 Flounder
4 RedHound

Bycatch

500 lbs Stingrays
2 Boys Full - Big Ones 😄
DATE 5-14-12

Area fished: Batter's

Coordinates at start: 34°17.77'N  271°58.1'

Depth at start: 8

Number of hauls: 2

 Marketable catch:

38 Flounder
10 Small Croaker
2 Eelhead

Bycatch:

250 - 400 16 Stingrays
16 H.S. Crabs
DATE  May 15, 2012

Area fished  Boston

Coordinates at start  41° 78.2'  27° 59.7'

Depth at start  5

Number of hauls  2

 Marketable catch

  34 Flounder
  7 Roundhead

 Bycatch

  150 lb. Stingrays
  31 H.S. Crabs
DATE: May 17 - 12

Area fished: Boston Bay

Coordinates at start: 41 775.9 27 157.8

Depth at start: 11

Number of hauls: 3

 Marketable catch:
- 3 W. Flounder
- 16 Roundhead

Bycatch:
- 300 + lb. Stingray
- 44 H.S. Crabs
- 1 50 lb. Hoverhead
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DAILY CATCH REPORT

DATE May 21
Area fished Swash Bay
Coordinates at start 411740.0 27160.9
Depth at start 9
Number of hauls 1

 Marketable catch 7 Flounder

Bycatch 300 + 16 Stray - 49
DATE 5-20-12

Area fished Berrien Boy

Coordinates at start 41775.7 27157.9

Depth at start 10

Number of hauls 2

 Marketable catch
36 Flounder - 60 lb.
6 lb. Spot
3 lb. Crook-n

Bycatch
50 lb. Straggy
9 H.S. Crabs
DATE 5/23-15
Area fished Bradfords Bay
Coordinates at start 41°16.2'5 N 27°16.9'0 W
Depth at start 13
Number of hauls 1
Marketable catch
1 Flounder
Bycatch
3 Stingrays

Hung up on oyster rock
tore belly cut
DATE: May 25, 2012
Area fished: Swash Bay
Coordinates at start: 46734.3 27162.4
Depth at start: 6
Number of hauls: 3

 Marketable catch:
58 Flounder
15 lb Spot
10 lb Croaker

Bycatch:
35 Stingrays
5 Small Scadshark
7 H-S Crab
DATE May 28
Area fished Savas Bcy
Coordinates at start 41 735.0 77 627.9
Depth at start 6
Number of hauls 1
Marketable catch
  11 Flounder
Caught five roofs +
     Feuded up
Bycatch
  X
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DAILY CATCH REPORT

DATE 5-29-12
Area fished Swan's Bay
Coordinates at start 41 737.2 27161.1
Depth at start 7
Number of hauls 2

 Marketable catch
10 Flounder

Bycatch
0
DATE: May 30 2012
Area fished: Belein Bay
Coordinates at start: 41176'3 37158'0
Depth at start: 9
Number of hauls: 3
Marketable catch: 56
Fleets: 7516-
16 lb. Croaker
8 lb. Occasional
Bycatch: 80 Strayrs
1 Hammerhead: Small
DATE: June 4

Area fished: offshore ocean

Coordinates at start: 41°18'5-3" N 77°51'8" W

Depth at start: 22'

Number of hauls: 3

 Marketable catch:
- 53 Flounder: 80 lb.
- 12 lb. Red Hake
- 14 lb. Croaker

Bycatch:
- 2 Angel Sharks
DATE 6-5-12

Area fished Ocean Side

Coordinates at start 41 79.2 27 151.1

Depth at start 16

Number of hauls 3

 Marketable catch

24 Flounder 50 lb.
6 15. Rockfish
20 16. Croaker

Bycatch

3 Angelfish
DATE June 6
Area fished Beaufus Bay
Coordinates at start __________
Depth at start _______
Number of hauls _____
Marketable catch 10
Bycatch

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DATE 6-7-17

Area fished OCEAN TRENCH

Coordinates at start 41°7'7.6" 77°50.8" S

Depth at start 14

Number of hauls 2

 Marketable catch

41 Flounder
516 Rockhead

Bycatch
DATE 6/8/12

Area fished Ocean

Coordinates at start 411802.3 271571.2

Depth at start 18

Number of hauls 2

 Marketable catch 26 Fish 40 lbs.

Bycatch 0
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DAILY CATCH REPORT

DATE June 11
Area fished: Occoquan
Coordinates at start: 41°17.57'2 77°243.5
Depth at start: 12
Number of hauls: 1

 Marketable catch: 2 Flounder

Bycatch: Tickle running real hard gear not on bottom
DAILY CATCH REPORT

DATE 6-17-12

Area fished Bay

Coordinates at start 41 17 40.3   77 24 11.6

Depth at start 18

Number of hauls 2

 Marketable catch

1 Flounder
30 16 Croake
50 16 Bookin

Bycatch
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DAILY CATCH REPORT

DATE June 13

Area fished Bay

Coordinates at start 41.752 27.147

Depth at start 16

Number of hauls 3

Marketable catch

200 lb. Bonker

Bycatch

0
DATE 6-16
Area fished BAY
Coordinates at start 41756.6 27243.1
Depth at start 14
Number of hauls 1

 Marketable catch
  2 Flounder
  50 lb. Bunker.

 Bycatch
  0
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DAILY CATCH REPORT

DATE 6/15/12
Area fished Pokomoke Sound
Coordinates at start 419225 272320
Depth at start 10
Number of hauls 2

Marketable catch
41 Flounder
25 lb. Bunker
10 lb. Croaker

Bycatch
3 Stingrays
<table>
<thead>
<tr>
<th>Date</th>
<th>6-18-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area fished</td>
<td>Relevee Sound</td>
</tr>
<tr>
<td>Coordinates at start</td>
<td>41 938.0, 77 233.9</td>
</tr>
<tr>
<td>Depth at start</td>
<td>11</td>
</tr>
<tr>
<td>Number of hauls</td>
<td>2</td>
</tr>
<tr>
<td>Marketable catch</td>
<td>0</td>
</tr>
<tr>
<td>Bunker 200 lb. Crakers</td>
<td>300 lb. Crakers</td>
</tr>
</tbody>
</table>
DAILY CATCH REPORT

DATE: June 7

Area fished: Yokomoke Sound

Coordinates at start: 31°19'28"N 77°23'39"W

Depth at start:

Number of hauls: 2

 Marketable catch:

- 8 Flounder
- 45 lb. Bunker
- 20 lb. Croaker

Bycatch:

1 Stingray
DATE June 25
Area fished 41°59.0’ N 071°43.9’
Coordinates at start 41°75.0’ N 071°43.9’
Depth at start 18 fathoms
Number of hauls 3
 Marketable catch 41
Small haddock 10
Smaller fish 7

Bycatch

Testing Scottish seine in Virginia waters

Bob & Beth of Wick

FRGP 2012-16

DAILY CATCH REPORT
DATE 6-26-12

Area fished OCEAN

Coordinates at start 41753.4 27145.1

Depth at start 12

Number of hauls 1

 Marketable catch 6 Flounder

Bycatch net inside cut twisted up
DATE 6-27-12

Area fished OCEAN

Coordinates at start 41 743.9 27 43.8

Depth at start 16

Number of hauls 3

 Marketable catch
 71 Flounder 130 lb.
 25 15 roundhead

Bycatch
11 Skates
2 Stingray
DATE: June 28, 2017

Area fished: Ocean

Coordinates at start: 41°8'03"N 71°15'1.1"

Depth at start: 20

Number of hauls: 3

 Marketable catch:
90 lbs. Flounder
51 lbs. Sand Dabs
10 lbs. Bottletails
51 Fish

Bycatch:
21 Skate
7 Strancks - Small
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DAILY CATCH REPORT

July 2 2012

DATE 6/2/12

Area fished Ocean

Corridinates at start 41°18.2'3" 27°15.1'9"

Depth at start 14

Number of hauls 1

 Marketable catch

10 Flounders

Bycatch

Hang up tore wing + bag
DATE 7-4-12
Area fished OCEAN
Coordinates at start 4118.11.9 27149.8
Depth at start 22
Number of hauls 3

 Marketable catch
31 Flounders - 70 lb.
2016 Butterfish
2016 Small Taut

 Bycatch
18 Skates
Lots of spider crabs 2-3 Baster
DATE:  3/1/2012

Area fished: 0000

Coordinates at start: 41°79.1'  77°149.7'

Depth at start: 23

Number of hauls: 3

 Marketable catch

82 Florida 150 lb.
25 lb. Croaker

Bycatch

80 lb. Skates
16 Stingrays
DATE: July 6, 2012
Area fished: 00000
Coordinates at start: 41°30'41" N 71°15'03" W
Depth at start: 21
Number of hauls: 1
 Marketable catch: 18 Flounder

Bycatch: Tie up net on Heng,
Failed Halibut
Big Mess!!
DATE _July 10, 12_
Area fished _Beckham Bay_
Coordinates at start _414778.1 27158.4_
Depth at start _9_
Number of hauls _1_
Marketable catch _1 Flander_

Bycatch _8 stringrays_
DATE 7-11-12
Area fished OCEAN
Coordinates at start 41°777.9' 27°151.1'
Depth at start 19
Number of hauls 2
 Marketable catch 65 Flounder 190 lb.
  25 lb. Croaker
  50 lb. Puffers

Bycatch 80 lb. Skate ➔ Sold as Bait
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DAILY CATCH REPORT

DATE 7-12-12

Area fished Ocean

Coordinates at start 41°27.5'00.0" 87°15'1.2"

Depth at start 11

Number of hauls 2

Marketable catch 19 Flower

Bycatch

2016 Skate
11 Stingrays
DATE: July 17, 2012

Area fished: Ocean

Coordinates at start: 34°17'52.1"N 27°14'49.6"

Depth at start: 22

Number of hauls: 3

 Marketable catch:
- 1041 Flounder = 190 lbs
- 25 lb Croaker
- 10 lb Botta

Bycatch:
- 50 lb Skate
- 3 Angelshark
- 1 Hammerhead

Outside, 3 mi lak not to be here!
DATE: July 18, 2012

Area fished: Clear

Coordinates at start: 41°23.6' - 27°47.1'

Depth at start: 19

Number of hauls: 1

 Marketable catch:
17 Flounder
10 lb. Croaker

Bycatch:
0
DATE 7-19-12

Area fished OCEAN

Coordinates at start 41 78 1.6 27 149 9

Depth at start 19

Number of hauls 3

 Marketable catch
114 flounders = 180 lb.
50 lb croakers
10 lb sandeels

Bycatch
20 lb skate
2 lg stingrays
DATE 7-30-12

Area fished OCEAN

Coordinates at start 41.801° N 77.152° W

Depth at start 19

Number of hauls 2

 Marketable catch

19 Flounder
2016 Crockets
101b S. Martin

Bycatch