Testing Scottish Seine in Virginia's waters

Jeffrey A. Hammer

Follow this and additional works at: https://scholarworks.wm.edu/reports

Part of the Aquaculture and Fisheries Commons
The following is a brief description of gear.

In mid March of 2012, I started fitting the boat with the necessary 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 received a report of flounder being caught in ocean an steamed back on June 23rd. There was a good sign of fish in the ocean on some hauls. I will need to have more warpline 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.
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....
DATE 4/16/12
Area fished Barrons Bay
Coordinates at start 41°17'5.3" 27°15'8.2"
Depth at start 6'
Number of hauls 1
 Marketable catch 0

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

Bycatch 3 Stingray

Twisted off.
DATE 4-18-
Area fished Burtin's Bay
Coordinates at start 41776.6 27157.4
Depth at start _____
Number of hauls 2
Marketable catch 600" Rock sole
Bycatch 0 Final 1st Shot
2 Bootendin's moss - hooked lost 100" by hand
14 Horseshoe crab
DATE 4-19-12

Area fished Benton's Bay

Coordinates at start 41°7'79.3" N  71°59.1" W

Depth at start 6

Number of hauls 2

 Marketable catch 0

Failed 1st set

Bycatch 19
  4 Ling (Lingrei)
  6 x-tras small Flockers - released alive
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE April 100
Area fished Beaton Bay
Coordinates at start 41°78'1.4 27°59'.7
Depth at start ______
Number of hauls ______
Marketable catch
1 Jumbo Flounder

Bycatch
3 Stingray

Set into fish @ 10°
DATE April 23

Area fished Bortous Bay

Coordinates at start 41° 7' 55.8" 27° 15' 9.2"

Depth at start 6

Number of hauls 1

 Marketable catch 0

Bycatch

Fuel up: 130 gal

$520

Hung up in old Crab pot

Failed to roll up
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 4-24-2012

Area fished BB

Coordinates at start 41776.8 27157.8

Depth at start 4

Number of hauls 2

 Marketable catch
A Flounder

Bycatch
11 Stingrays
3 H.S. Crabs
1/4 bsk. Hard Crab

all released alive
DATE 6-25-12
Area fished B.Bay
Coordinates at start 41 789.3 27 60.0
Depth at start 5
Number of hauls 2

 Marketable catch

 0

 Bycatch

 0

Tide was running to Head to complete haul back. Boot ended up in Mud.
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE April 26
Area fished--
Corridinates at start 41 789.0 27 159.8
Depth at start 41
Number of hauls 1

 Marketable catch

\[\text{not tending bottom} \] \[\text{putty or more weight}\]

Bycatch

X
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
When is now teaching Bottom w/extra chair
Bycatch 16 Stingrey
DATE  May 2
Area fished  Benton Bay
Coordinates at start  41 78 6  77 59 4
Depth at start  6'
Number of hauls  2
Marketable catch

3 Fluke

Bycatch

11 Strung
6 H.S. crabs
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 5-3-12

Area fished Bowen

Coordinates at start 41175.9 27158.1

Depth at start 6

Number of hauls 3

 Marketable catch

9 Flad 211b

Bycatch

14 32 Stingrays 1001b
11 H-S. Crabs
1/2 Bushell Hard Crabs
DATE 5-4-12

Area fished Boston

Coordinates at start 41°78.8'N 27°16.0'W

Depth at start 6

Number of hauls 2

 Marketable catch

17 Fish = 17 lb.

Bycatch

150 lb. Stray Roy.
DATE May 8
Area fished Bortens
Coordinates at start 46°77'7.1" N 27°58'1"
Depth at start 6
Number of hauls 2
Marketable catch
141 Flour and - 20 lb.

Bycatch
3 Rayrays - 100 lb.
DATE May 9.
Area fished Barton Bay
Coordinates at start 41°7'7.3"N - 27°59'2"W
Depth at start ______
Number of hauls 1
Marketable catch 3 Flad

Bycatch

not twisted inside out.
DATE May 10, 2012
Area fished Bertens Bay
Coordinates at start 41°27'9.4" N 71°57'8"
Depth at start 6
Number of hauls 2
Marketable catch
21 Flad. 35 lb.

Bycatch
62 Stingrays
145 H-S. Crabs
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 5/11/12

Area fished SWSLC

Coordinates at start 41°7'35"-2 27°16'2"-0

Depth at start 5

Number of hauls 1

 Marketable catch

  7 Flounder
  4 Redhead

Bycatch

  500 lbs Stingrays
  2 Boys Fish - Big Ones!
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 5-14-12
Area fished Brotons
Coordinates at start 41 777.1 27 158.1
Depth at start 8
Number of hauls 2

 Marketable catch
  38 Flounder
  10 small Croaker
  2 Bluefish

 Bycatch
  370 - 400 16' Stingrays
  16 H/S Crabs
DATE: May 15, 2012

Area fished: Beaufort

Coordinates at start: 41.788.2 27.159.7

Depth at start: 5

Number of hauls: 2

 Marketable catch:

34 Lumps
7 Roundhead

Bycatch:

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

Area fished: Botetou Bay

Coordinates at start: 41 775.9 27 157.8

Depth at start: 11

Number of hauls: 3

 Marketable catch:
34 Flounder
16 Roundhead

Bycatch:
300+ 16 Strungery
44 H.S. Crabs
1 50 lb Vermillion
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 Stingrays = 49
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 5-22-12
Area fished Burton's Bay
Coordinates at start 41175.7  27157.9
Depth at start 10
Number of hauls 2

 Marketable catch
36 Flounder = 60 lb
6 lb. Spot
3 lb. Croaker

Bycatch
50 lb. Striper
9 H.S. Crabs
DAILY CATCH REPORT

DATE 5/23-12

Area fished Brodford’s Bay

Coordinates at start 41762.5 27169.0

Depth at start 13

Number of hauls 1

 Marketable catch

1 Flounder

Bycatch

3 Stingrays

Hang up on oyster rock fare Belly cut
DATE May 25, 2012
Area fished Swasq Bay
Coordinates at start 41.734.3 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 Sandsharks
7 H.S. Crab
DATE May 28
Area fished Swash Boy
Coordinates at start 41°735.0 27°162.9
Depth at start 6
Number of hauls 1
 Marketable catch
11 Flounder
Caught three roofs & Flicked up

Bycatch
X
FRGP 2012-16
Testing Scottish seine in Virginia waters

DAILY CATCH REPORT

DATE 5-29-12

Area fished Swasey Bay

Coordinates at start 41 737.2 27 61.1

Depth at start 7

Number of hauls 2

 Marketable catch

10 Flounder

Bycatch

0
DATE: May 30 2017
Area fished: Bevans Bay
Coordinates at start: 41.776-3 77.58-0
Depth at start: 9
Number of hauls: 3

 Marketable catch:
- 52 Flounder: 75/16-
- 12 lb. Croaker
- 2 lb. Redhead

Bycatch:
- 0 Stripey's
- 1 Hammerhead - Small
FRGP 2C12-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE June 4

Area fished offshore ocean

Coordinates at start 41°15.3' N 77°15.8' W

Depth at start 22

Number of hauls 3

 Marketable catch

53 Flounder 80 lbs.

19 lbs. Roundhead

11 lbs. Cracker

Bycatch

2 Angel Shrimp
DAILY CATCH REPORT

DATE: 6-5-12

Area fished: Ocean Snake

Coordinates at start: 41.792.0 27.151.1

Depth at start: 16

Number of hauls: 3

 Marketable catch:

24 Flander - 50 lb.
6 1.5 Pouchels
20 lb. Creake

Bycatch:

3 Angelskirts
FRGP 2C12-16
Testing Scottish seine in Virginia’s waters

DAILY CATCH REPORT

DATE June 6

Area fished Beaufus Bay

Coordinates at start__________________________________________

Depth at start_____

Number of hauls 1

 Marketable catch

10 Flounder

Bycatch
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 6-7-17

Area fished Ocean S. Ch.

Coordinates at start 41°7'7.6" N 71°50'8" W

Depth at start 14

Number of hauls 2

 Marketable catch

<table>
<thead>
<tr>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>416 Flounder</td>
</tr>
<tr>
<td>516 Rockfish</td>
</tr>
</tbody>
</table>

Bycatch
FRGP 2C12-16
Testing Scottish seine in Virginia waters

DAILY CATCH REPORT

DATE 6/8/12

Area fished Ocean

Coordinates at start 41°18'02.3"N 77°15'12"W

Depth at start 18

Number of hauls 2

Marketable catch 26 Fishes 40 lb.

Bycatch 0
DATE: June 11

Area fished: Ococonee

Coordinates at start: 41° 58.7 N 77° 54.3 W

Depth at start: 12'

Number of hauls: 1

 Marketable catch: 2 Flounder

Bycatch: Tick running, reel head gear not on bottom
DATE 6/12/12

Area fished Bay

Coordinates at start 411740.3 37241.6

Depth at start 18

Number of hauls 2

 Marketable catch

1 Flounder
30 lb Croaker
50 lb Bunker

Bycatch
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. Bunker

Bycatch 0
DATE 6-14-

Area fished BAY

Coordinates at start 41756.6 27243.1

Depth at start 14

Number of hauls 1

 Marketable catch

2 Flounder
50 lb. Bluefish

Bycatch 0
FRGP 2012-16
Testing Scottish seine in Virginia's waters

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. Bluefish
10 lb. Croaker

Bycatch
3 Stingrays
DAILY CATCH REPORT

DATE 6-18-12

Area fished Winchester Break

Coordinates at start 41928.0 77233.4

Depth at start 11

Number of hauls 2

 Marketable catch

200 lb. Brine
300 lb. Croaker

Bycatch

0
DATE: June 21

Area fished: Kokomo Seach

Coordinates at start: 41°19.28' N 27°33.8' W

Depth at start: 8

Number of hauls: 2

 Marketable catch:

- 8 Flounder
- 45 lb. Bunka
- 20 lb. Crocke

Bycatch:

1 Stingray
DATE: June 25

Area fished: Ocean Side

Coordinates at start: 41°17'50.1" 27°43'9"

Depth at start: 18

Number of hauls: 3

 Marketable catch:

41 Flounder
10 16 Recouched grey
7 16 Smolt Trout

Bycatch
DATE 10-26-12

Area fished OCEAN

Coordinates at start 411753.4 27145.1

Depth at start 12

Number of hauls 1

 Marketable catch 6 Flounder

Bycatch

Net inside cut twisted up
FRGP 2012-16
Testing Scottish seine in Virginia waters

DAILY CATCH REPORT

DATE 6-27-12

Area fished OCEAN

Coordinates at start 41°7'43.9" N 77°14'3.8"

Depth at start 16

Number of hauls 3

 Marketable catch

71 Flounder 13.0 lb
25 15 roundhead

Bycatch

11 Skates
2 Stingrays
DATE June 28, 2017
Area fished Ocean
Coordinates at start 41°18.003' N 27°15.1' W
Depth at start 20
Number of hauls 3
 Marketable catch
   90 16-inch Flounder  51 Fish
   51 6-inch Roundhead
   10 6-inch Butterfish

Bycatch
   21 Skate
   7 Strays - Small
DATE July 2 2012

Area fished Ocean

Coordinates at start 411782 -3 271519

Depth at start 14

Number of hauls 1

 Marketable catch

10 Flounder

Bycatch

Hung up. tore wing + bag
DATE 7-4-10
Area fished OCEAN
Corridinates at start 41°18'11.9" 27°14'9.8"
Depth at start 22
Number of hauls 3

 Marketable catch
31 Flounder - 7016.
2015 Butter fish
2015 Small trout

Bycatch
18 Skates
lots of spider crabs 2-3 Bester
DATE: 3/1/2012

Area fished: Oregon

Coordinates at start: 41 79.1 27 149.7

Depth at start: 23

Number of hauls: 3

Marketable catch:
- 82 Flounder 15.0 lb.
- 25 lb. Croaker

Bycatch:
- 80 lb. Skates
- 16 Stingrays
DATE  July 6 2012
Area fished  [Handwritten area]
Coordinates at start  41° 50.4' N  77° 50.3' W
Depth at start  21
Number of hauls  1
 Marketable catch  18 Florida

Bycatch

Take up net on Heng
Failed Haulback.
Big Mess!!
DATE: July 10, 12

Area fished: Beaufort Bay

Coordinates at start: 41°27’48.1” N 27°15’48.4” W

Depth at start: 9

Number of hauls: 1

 Marketable catch: 61 Fleders

Bycatch: 8 Striped Bass
DATE 7-11-18
Area fished OCEAN
Coordinates at start 411777.9 271511.1
Depth at start 19
Number of hauls 2
Marketable catch
65 Flounder
25 lb. Croaker
50 lb. Butterfish
120 lb.

Bycatch
80 lb. Skate
50 lb. Crab < Bait
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 7-12-12

Area fished OCEAN

Coordinates at start 41 275.0 87 151.2

Depth at start 11

Number of hauls 2

 Marketable catch 19 Flounder

Bycatch

20 lbs Skate
11 Stingrays
DATE July 17, 2012

Area fished Ocean

Coordinates at start 41°79'1 27°49'6

Depth at start 22

Number of hauls 3

 Marketable catch

10 lb Flounder = 190 lbs
25 lb Croaker
10 lb Puffer

Bycatch

50 lb Skate
3 Angel sharks
1 Hammerhead

FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

Octopus 3 miles.

Note: the note appears to be a correction or an additional note.
DATE: July 18, 2012

Area fished: Cape

Coordinates at start: 41° 7' 35.6" - 27° 14' 47.0"

Depth at start: 19

Number of hauls: 1

 Marketable catch:

17 Flounder
10 lb. Croaker

Bycatch:

0
FRGP 2012-16
Testing Scottish seine in Virginia's waters

DAILY CATCH REPORT

DATE 7-19-12

Area fished OCEAN

Coordinates at start 41 78'1.6 N 27 14'9" W

Depth at start 19

Number of hauls 3

 Marketable catch

114 Fleche = 180 lb.
50 lb. Croaker
10 lb. S. Taut

Bycatch

20 lb. Skate
2 lg. Stingray
DATE 7-30-12

Area fished CCEw

Coordinates at start 411801.9 71152.9

Depth at start 19

Number of hauls 2

Marketable catch
19 Flounder
2016 Croakers
1016 S. Trout

Bycatch