21. J. F. Comm.
Records.
Nos 1050-1077.
Cherapeake
Bay.
1882.

ORIGINAL LOG BOOK OF THE "FISH HAWK"

UNITED STATES FISH COMMISSION

STATION NUMBERS

Numbers, 1050 to 1077

Copy Dredgings by U. J. F. C. Sti. Fish Hawk in Chesapeake/Day, Feby, V March, 1882,

Instrument used, Oyster Dredg
Current number of observation, 1050,
Date, Febry, 27, 1882
Locality, Cherapeake Ban
Locality, Chetapeake Bay, Bearings, Rt., No Pt. N. N. E. 1/2 miles
Time of day, 2, PM; of tide.
State of sky,
Temperature of air, 50,
" surface of water, 4/.
" at depth of fathoms,
" of bottom,
Depth, in fathoms, 3 1/2
Nature of bottom, Mud. Oh. fr.
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Instrument used, Oyster Dredge
Current number of observation, / O 5 /
Date, Febr, 27, 1882
Locality, Chesapeake Bay Bearings, Rt. No. Rt.
Bearings, Rt. No. Rt
Ar. by E. I mile
Time of day, 2, 15 B. Willie.
State of sky,
Temperature of air, 50
" surface of water, 4/,
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms,
Nature of bottom, mud, fraks.
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Oyster Dredgo
Current number of observation, 1052
Date, Febry, 27, 1882
Locality, Chesapeabe Ba
Locality, ChesapeabelBa
A. N. E. 3/4 mile
Time of day, 2.30 RANGE.
State of sky,
Temperature of air, 50
" surface of water, 4/,
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms, 13/4.
Nature of bottom, mud, fraks,
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Ozater Dre 850
Current number of observation, / 0 3 3
Date, Febr, 27, 1882
Locality, Chesapeakelbay, Bearings, Pt. No Ph
er by E. 1/4 miles
Time of day, 2, 4 5 Fortide
State of sky,
Temperature of air, 50
" surface of water, 41
" at depth of fathoms,
" of bottom, 40
Depth, in fathoms, 23/4
Nature of bottom, and she o,
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Instrument used, Oyster Dredge
Current number of observation, 1054
Date, Feby, 27, 1882
Locality, Chesapeake Bay
Bearings, Pt. No Pt
N. by E. 11/4 miles
Time of day, 2, 50 Politide,
State of sky,
Temperature of air, 50,
" surface of water, 41.
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms, 23/4
Nature of bottom, mud, theo,
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Ore 354.
Current number of observation, 1055,
Date, Leby, 28, 1887
Locality, Pacolineant Re
Bearings, Drun Pt, N. E.
Time of day, 10, 4 Of tide, we
State of sky,
Temperature of air, 46,
" surface of water, 40,
" at depth of fathoms,
" of bottom,
Depth, in fathoms, 6
Nature of bottom, brn. m. sh.
Direction of surface current,
Force of surface current,
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Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Rake Dredge
Current number of observation, 1056,
Date, Febr, 28, 1882
Locality, Pawlineent Pive
Bearings, Drun Rt
N. N. E., 1/3 mile
Time of day, 10, 5 6; ofide,
State of sky,
Temperature of air, 46.
" surface of water, 40
" at depth of fathoms,
" of bottom,
Depth, in fathoms, 6
Nature of bottom, bun much
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Name and position of observer

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Instrument used, Fracol
Current number of observation, 1057.
Date, Febr, 28, 1882
Locality, Cherapeake Bay, Bearings, South End Barren &
Exs. 13/4 miles.
Time of day, 12 27; of tide,
State of sky,
Temperature of air, 49
" surface of water, 40.
" at depth of fathoms,
" of bottom, 40
Depth, in fathoms, / 7 - 2 0
Nature of bottom, bin, and
Direction of surface current,
Force of surface current, N. N. N. 1/2 m
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Trawl
Current number of observation, /058,
Date, Febr, 29, 1882
Locality, Chetapeake Bas
Bearings, S. End Barren & d
S. E. x E, 1/2 E, 2 miles
Time of day, 12,10; Rider
State of sky,
Temperature of air, 49
" surface of water, 40
" at depth of fathoms,
" of bottom, 40.
Depth, in fathoms, 3 - 2 5.
Nature of bottom, Lan. m.
Direction of surface current,
Force of surface current, N. N. N. 1/2 m
Direction of bottom current,
Force of bottom current,
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To what service attached,
Name and rank of commanding officer,

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Instrument used, Tracol

Current number of observation, /059
Date, Febr, 28, 188/2
Locality, Cherapeake Bay
Bearings, S. End Barren Id
S. E. 148, 2 mils.
Time of day, 12, 30; And
State of sky,
Temperature of air, 49
" surface of water, 40
" at depth of fathoms,
" of bottom, HO,
Depth, in fathoms, 2 3/4 - 25
Nature of bottom, Ern m
Direction of surface current,
Force of surface current, le. N. W. 3/4 mil
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Trace
Current number of observation, / O 60
Date, Feely, 28: 1882
Locality, Cherapeake Ba.
Bearings, Smith Pt. Bearings, Smith Pt.
S. S. W. 2 miles.
Time of day, H, 20 P, Mide,
State of sky,
Temperature of air, 46,
" surface of water, 4/, 5
" at depth of fathoms,
" of bottom, 40, 5
Depth, in fathoms,
Nature of bottom, bin m. +h.
Direction of surface current, Drught. Force of surface current, S. E. G. S. 3/4 mil
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Dredge
Current number of observation, 1061,
Date, Mar. 2, 1882
Locality, Chesapeake Bas Bearings, Smith's Roint Light of
Bearings, Smith's Roint Light
S. by W. 1/2 mile
Time of day, //, 20 Quitale,
State of sky,
Temperature of air, 48.
" surface of water, 41,5
" at depth of fathoms,
" of bottom, H/, 5
Depth, in fathoms, 11-16,
Nature of bottom, bn. m, Ah.
Direction of surface current,
Force of surface current, 8, 1/2 m
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Name and position of observer.
Name and rank of communities officer.
In what service attached,
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Instrument used, Trawl
Current number of observation, 1062
Date. March 2 1882
Locality, Chesapeaper
Bearings, Smith's By Light
Locality, Chesapeakelda Bearings, Smith's Pt Light S. W. 1/2 S., 11/4 m
Time of day, //, 40 Got life;
Time of day,
State of sky,
Temperature of air, 48
" surface of water, HI. U
" at depth of fathoms,
" of bottom, H1,5
Depth, in fathoms, 16-91/2
Nature of bottom, br. m. sh
Direction of surface current,
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Direction of bottom current,
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Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Rake product
Current number of observation, 1063,
Date, Mar. 6, 1882
Locality, Chesapeake Bay
Bearings, S. Pt. Tangier Ld
N. X & 3/4 E., 2 1/4 m
Time of day, 9.35; of tide,
State of sky,
Temperature of air, 50,
" surface of water, 4 4
" at depth of fathoms,
" of bottom, 42.
Depth, in fathoms, / O .
Nature of bottom, bumsh.
Direction of surface current,
Force of surface current, At, E, X E, /2 m
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

Instrument used, Rake Dredge
Current number of observation, 1064
Date, Mar. 6, 1882
Locality, Chesapeakerbay
Bearings S. Pt. Tancier &
N. N. W. Imile
Time of day, 2, / 7 f; of tide
State of sky,
Temperature of air, 50
" surface of water, 42
" at depth of fathoms,
" of bottom, 42
Depth, in fathoms, 20 - 9 1/2
Depth, in fathoms, 20 -91/2 Nature of bottom, bn n 24
Direction of surface current,
Force of surface current, N. E. X E. 1/2
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Jaawl
Current number of observation, / 0 65
Date, Marile, 1882
Locality, Chesapeake Ba
Bearings, Cherrystone &
E. X N. 2 miles
Time of day, 9 ans of tide,
State of sky,
Temperature of air, 56
" surface of water, 45
" at depth of fathoms,
" of bottom, 46,5
Depth, in fathoms, 25-/2
Nature of bottom, Rand,
Direction of surface current,
Force of surface current,
Direction of bottom current,
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Name of vessel,
To what service attached,
Name and rank of commanding officer.

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Instrument used, Trawb
Current number of observation, 1066,
Date, Mar. 6, 1882
Locality, Chesapeabe Bo
Bearings, Cherrystone St.
Exs. 3 miles,
Time of day, 9, 20 Got tide,
State of sky,
Temperature of air, 56,
" surface of water, 45
" at depth of fathoms,
" of bottom, 45,
Depth, in fathoms, 12 - 2512
Nature of bottom, Sand
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Jaaw
Current number of observation, 1067, Date, Mar. 6, 1882
Date, Mar. 6, 1882
Bearings, Cherrystone Lt. 6 S. E. x E, 1/4 E, 3 miles
Bearings, Cherrystone Lt.
S. E. x E. 1/4 E. 3 mile
Time of day, 9.40 Coffide.
State of sky,
Temperature of air, 56,
" surface of water, 45
" at depth of fathoms,
" of bottom, 47
Depth, in fathoms, /2-20,
Nature of bottom, Act by
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Trawl
Current number of observation, 15 6 8,
Date, Mar. 11, 1882
Locality, ChesapeabeBa
Bearings, Kent Id. Thus Pt of
lu, S. W. 14 Cu. 2 mi
Time of day, 9,00 Gottide
State of sky,
Temperature of air, 49
" surface of water, // Z_
" at depth of fathoms,
" of bottom, 4/,
Depth, in fathoms, 14-9
Depth, in fathoms, 14-9 Nature of bottom, 6k. m.
Direction of surface current,
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Name and position of observer,

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Instrument used, Trawl
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Date, Mar. 11, 1882
Locality, Cherapeake Bay
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S. W. 3/4 W. 21/4 m
Time of day, /0, 20; of day
State of sky,
Temperature of air, 57.
" surface of water, 42
" at depth of fathoms,
" of bottom, 40
Depth, in fathoms, 18
Nature of bottom, bkn-
Direction of surface current,
Force of surface current,
Direction of bottom current,
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Name of vessel,

Name and position of observer,

Name and rank of commanding officer,

To what service attached,

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Instrument used,
Current number of observation, 10 fo, Date, Mar, 11, 1882 Locality, ChesapeakeBa Bearings Kent Id, Thos Bahle Lo. X S. 2 miles
Time of day, 10, 45; White,
State of sky,
Temperature of air, 45
" surface of water, 42
" at depth of fathoms,
" of bottom, 42
Depth, in fathoms, 15-10
Nature of bottom, ble w
Direction of surface current,
Force of surface current,
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Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Trawl
Current number of observation, / 6 7/1,
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Bearings, Kent Id. Thos Pt Cu. A. W, 1/2 W, 21/4 n
Time of day, //, 2-2; Abide, the
State of sky,
Temperature of air, 49
" surface of water, 42
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms, /4-/3,
Nature of bottom, bkm,
Direction of surface current,
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Instrument used, Rake Dredge
Current number of observation, / C/ 7 2
Date, Mar. 11, 1882
Locality, Chesapeake Ba
Locality, Chesapeake Backers, Kent Id. Tho Pt Lx
N. W. 214 miles
Time of day, 12, m; of tide,
State of sky,
Temperature of air, 50,
" surface of water, 4-2
" at depth of fathoms,
" of bottom, 42
Depth, in fathoms, 16.
Nature of bottom, &k
Direction of surface current,
Force of surface current,
Direction of bottom current,
Force of bottom current,
Name of vessel,
To what service attached,
Name and rank of commanding officer,
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Date, Mar, 11, 1882
Locality, Cherapeake Buy
Bearings, Kent Id. Thos Ph LT
N. W. X N. 212 m
Time of day, 12, 25; of fideline
State of sky,
Temperature of air, 50
" surface of water, 42
" at depth of fathoms,
" of bottom, 42,
Depth, in fathoms, /3.
Nature of bottom, bkin th
Direction of surface current,
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Name and rank of commanding officer,

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Instrument used, Trawl
Current number of observation, 1074
Date, Mar, 11, 1882
Locality, Chisapeake B.
Bournes, Went Id, Thosph
ct. X W. 42 (v. 43/4)
Time of day, /1/0 P. Job lide.
State of sky,
Temperature of air, 57.
" surface of water, 43
at depth of fathoms,
" of bottom, 4/,
Depth, in fathoms, 18-11,
Nature of bottom, bku,
Direction of surface current,
Force of surface current,
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Instrument used, Trawl
Current number of observation, / O 7 5
Date, Mar, 13, 1882
Locality, Chesapeake Bay
Bearings, Landy Pt, Light,
1. x W, 1/4 W, 3/2 m.
Time of day, 9, 45; of field we,
State of sky,
Temperature of air, 457
" surface of water, 43,
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms, 14-11,
Nature of bottom,
Direction of surface current,
Force of surface current,
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Name of vessel,
To what service attached,
Name and rank of commanding officer,

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Instrument used, Trawl
Current number of observation, 1076,
Date, Mar, 13, 1882
Locality, Cherapeaberba
Bearings, Saudy Pt, Light
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Time of day, 10,15 For fide,
State of sky,
Temperature of air, 45,
" surface of water, 43,
" at depth of fathoms,
" of bottom, 40,
Depth, in fathoms, /5,
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Force of surface current,
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Name of vessel,
To what service attached,
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