

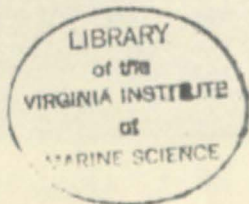
Archives-VIMS
GC
512
.V8
F36
1975
V.2
c.1

A SURFACE CIRCULATION STUDY IN
MIDDLE ELIZABETH RIVER

Appendix I. Prints of Original
Photography

C. S. Fang, Project Engineer

with Christopher S. Welch
Hayden H. Gordon



A REPORT TO
NUS CORPORATION

Virginia Institute of Marine Science
Gloucester Point, Virginia 23062

William J. Hargis, Jr.
Director

March, 1975

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0927EST
Run: D Altitude:3000ft.
Frame: 1 of 2

Number of visible markers
Floating: 0

Fixed: 0

Comments: STP plume, small
oil slick visible in photo,
no buoys out yet.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0927 EST
Run: D Altitude:3000ft.
Frame: 1 of 2

Number of visible markers
Floating: 0

Fixed: 0

Comments: STP plume, small
oil slick visible in photo,
no buoys out yet.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0938 EST
Run: #1 Altitude: 3000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Lovett Point heading
N - S end of study area

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



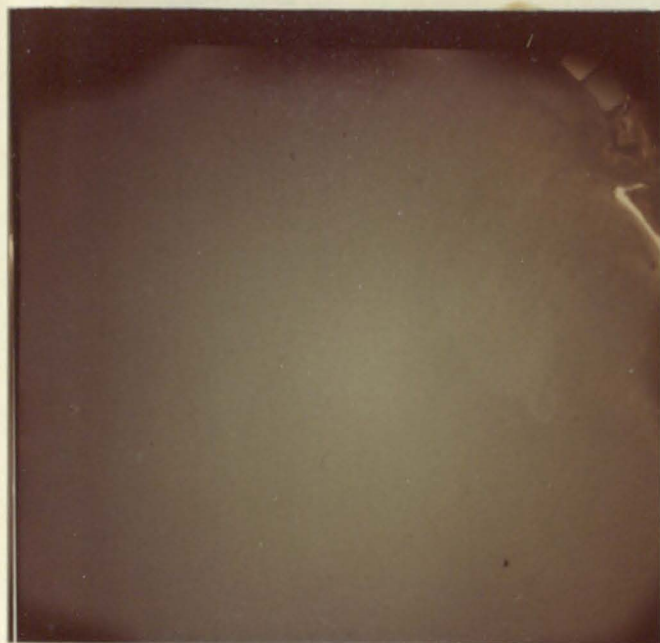
Date: 2/7/75
Time: 0938 EST
Run: 1 Altitude: 3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0938 EST
Run: 1 Altitude: 3000ft.
Frame: 3 of 5

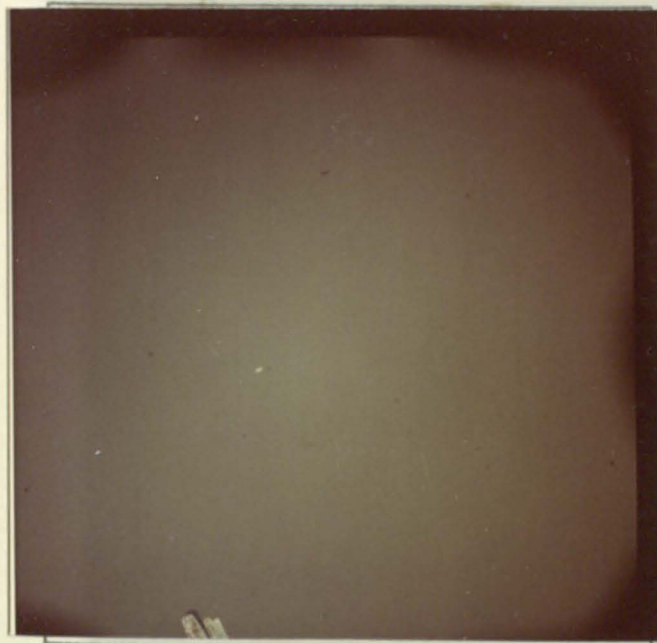
Number of visible markers
Floating: 3 (F1:3, F1:4, F1:5)

Fixed: 0

Comments: Portsmouth STP outfall
 visible

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0938 EST
Run: 1 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 5 (F1:2, 3, 4, 5, 6)

Fixed: 1

Comments: Study boat (Captain John
Smith) visible

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0938 EST
Run: 1 Altitude: 3000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 4 (F1:1, 2, 3, 6)

Fixed: 1

Comments: one floater (F1:1) very
close to bottom of photo (east)

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0938 EST
Run: 2 Altitude: 3000 ft.
Frame: 1 of 7

Number of visible markers
Floating: 0

Fixed: 0

Comments: Photo run towards NNW
Pinner Point STP visible

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 2 of 7

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 3 of 7

Number of visible markers
Floating: 0

Fixed: 0

Comments: Flood tide; oil slick
coming from degaussing pier

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 4 of 7

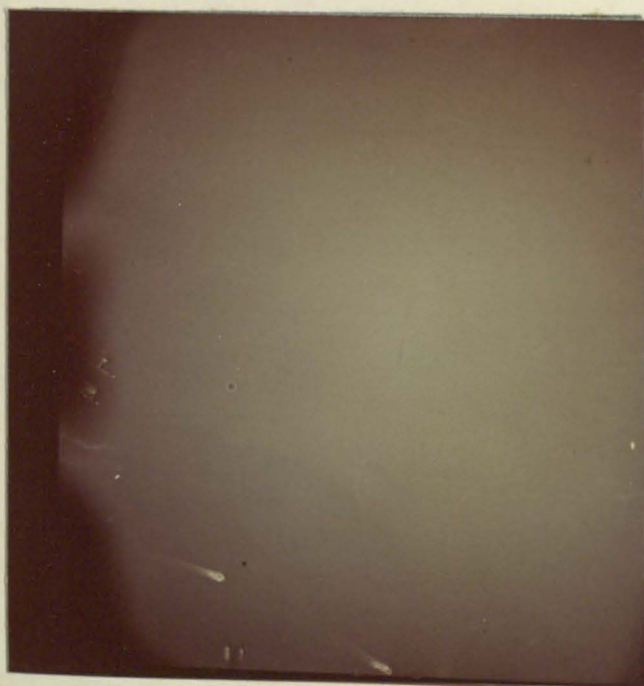
Number of visible markers
Floating: 1

Fixed: 0

Comments: Oil slicks, faint color boundaries visible

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



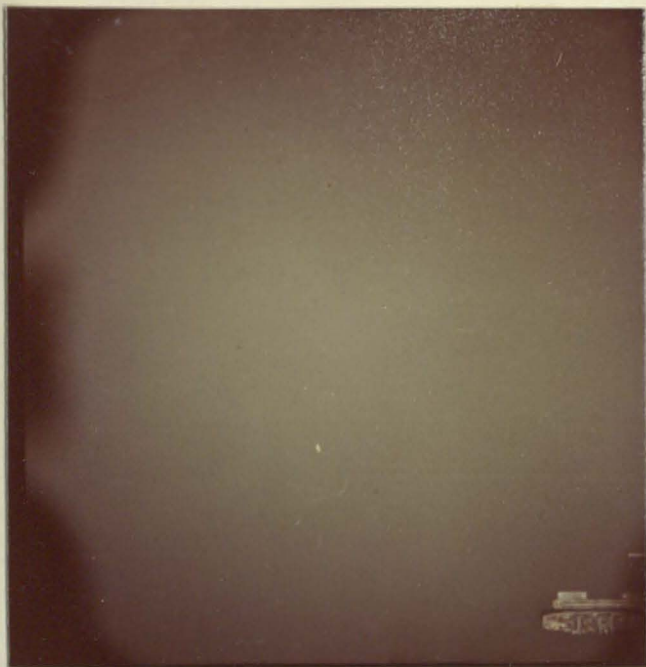
Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 5 of 7

Number of visible markers
Floating: 4 (Fl: 3, 4, 5, 6)

Fixed: 1

Comments: Study boat near fixed float

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 6 of 7

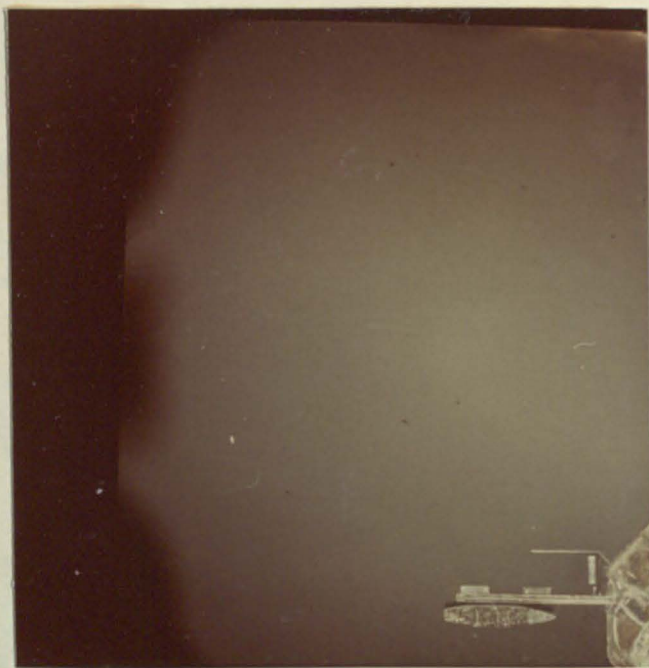
Number of visible markers
Floating: 5 (Fl: 1, 2, 3, 4, 5, 6)

Fixed: 1

Comments: Fl: 2 seems to be catching
up to Fl: 3; fixed streamer is
curved

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0945 EST
Run: 2 Altitude: 3000 ft.
Frame: 7 of 7

Number of visible markers
Floating: 3 (Fl: 2, 3, 6)

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 0955 EST
Run: X Altitude: 3000ft.
Frame: 1 of 2

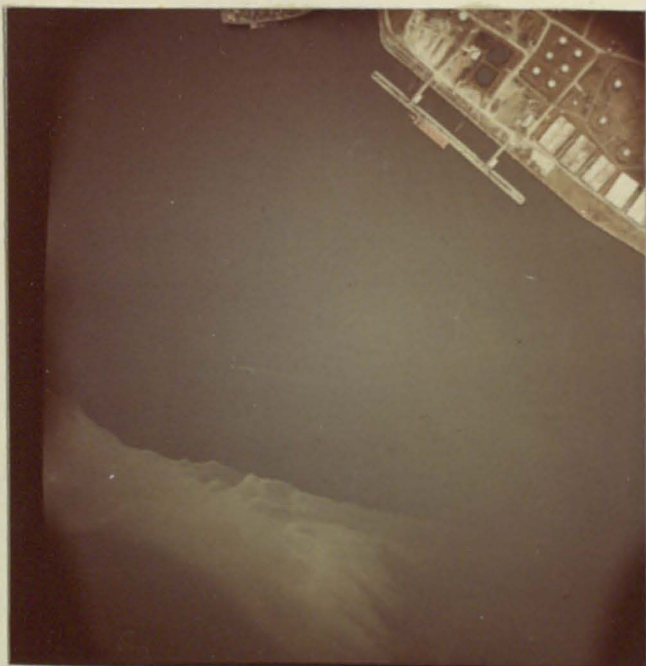
Number of visible markers
Floating: 1 (Fl:1)

Fixed: 0

Comments: Lambert's STP plume forming
"fronts" parallel to shore ebbing;
run from NW to SE

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 0955 EST
Run: X Altitude: 3000ft.
Frame: 2 of 2

Number of visible markers
Floating: 1 (Fl:1)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1100 EST
Run: 3 Altitude: 3000ft.
Frame: 1 of 5

Number of visible markers
Floating: 1 (Fl:6)

Fixed: 0

Comments: Run to west

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1100 EST
Run: 3 Altitude: 3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 3 (Fl:6 & two others)

Fixed: 0

Comments: Noted buoys may not be
in correct position

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1100 EST
Run: 3 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 3

Fixed: 1

Comments: 2 convergence zones;
1 truncates a floater tail

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1100 EST
Run: 3 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 2

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1100 EST
Run: 3 Altitude: 3000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1100 EST
Run: 4 Altitude: 3000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run towards east

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1100 EST
Run: 4 Altitude: 3000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 2 (Fl:3, Fl:4)

Fixed: 0

Comments: Strong color boundary
between jetty and degaussing pier;
tail from floater near jetty takes
unusual curve towards shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1100 EST
Run: 4 Altitude: 3000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 2

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



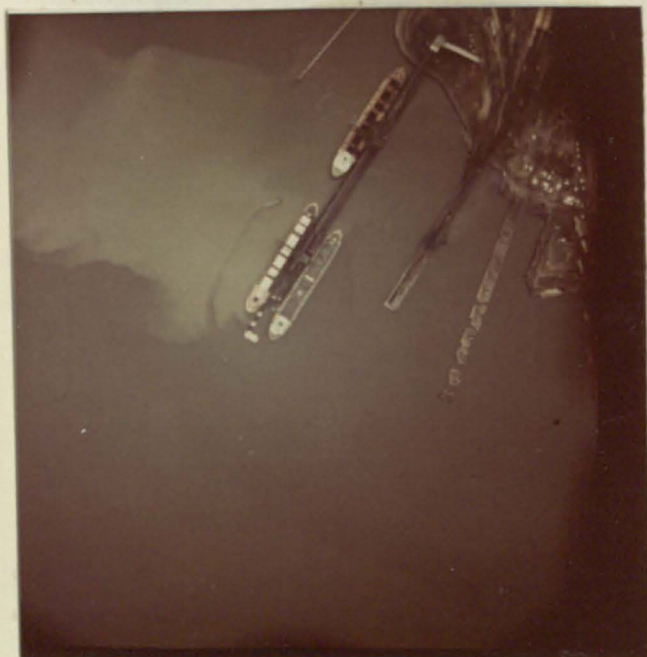
Date: 2/7/75
Time: 1100 EST
Run: 4 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 0
Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1105 EST
Run: 5 Altitude: 3000ft.
Frame: 1 of 3

Number of visible markers
Floating: 1
Fixed: 0

Comments: Run towards NNW
Shallowness of STP effluent shown
by wake of tug

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1105 EST
Run: 5 Altitude: 3000 ft.
Frame: 2 of 3

Number of visible markers
Floating: 2 (Fl:1, Fl:6)

Fixed: 0

Comments: Note streamer from floater
in effluent plume goes to color
boundary and is cut off

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



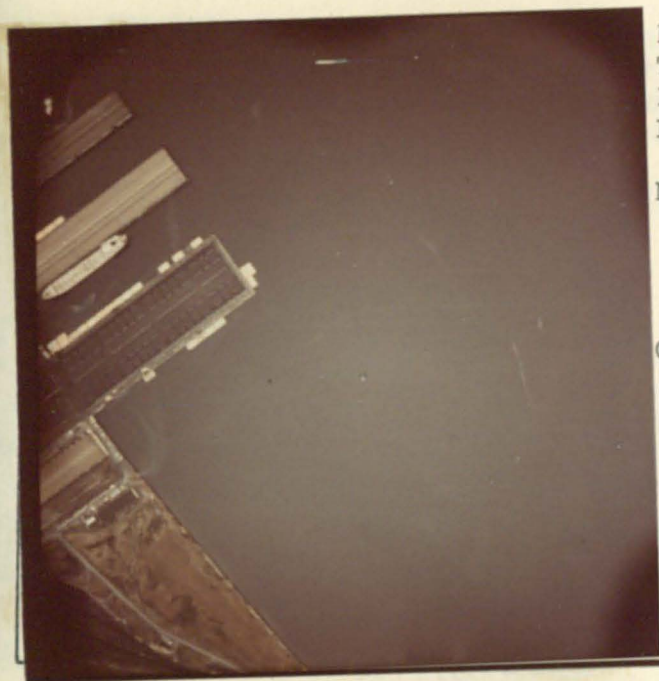
Date: 2/7/75
Time: 1105 EST
Run: 5 Altitude: 3000 ft.
Frame: 3 of 3

Number of visible markers
Floating: 2

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1135EST
Run: 6 Altitude:3000ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run towards NE turning
towards east
Shore outfall indicates current in
flood direction near shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1135EST
Run: 6 Altitude:3000ft.
Frame: 2 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Oil slick associated with
degaussing pier

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1135EST
Run: 6 Altitude:3000ft.
Frame: 3 of 4

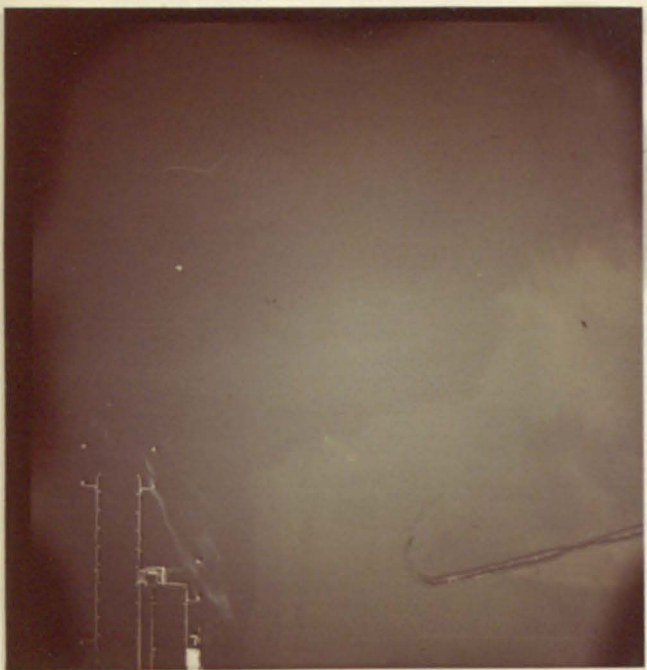
Number of visible markers
Floating: 1 (F1:4)

Fixed: 0

Comments: Color boundary in photo-
graph
Tail of floater shows great increase
in horizontal diffusion at color
boundary
Possible outfall near end of jetty

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1135EST
Run: 6 Altitude:3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 1

Fixed: 0

Comments: Possible outfall near end of jetty

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1135EST
Run: 7 Altitude:3000ft.
Frame: 1 of 3

Number of visible markers
Floating: 1 (F2:4)

Fixed: 0

Comments: Run towards NW

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1135EST
Run: 7 Altitude:3000ft.
Frame: 2 of 3

Number of visible markers
Floating: 4 (F2:4, F2:5, F1:2,
F1:3)

Fixed: 0

Comments: "source" off jetty not
visible

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1135 EST
Run: 7 Altitude: 3000ft.
Frame: 3 of 3

Number of visible markers
 Floating: 4 (F1:2, F2:5, F1:3,
 F1:5)
 Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)

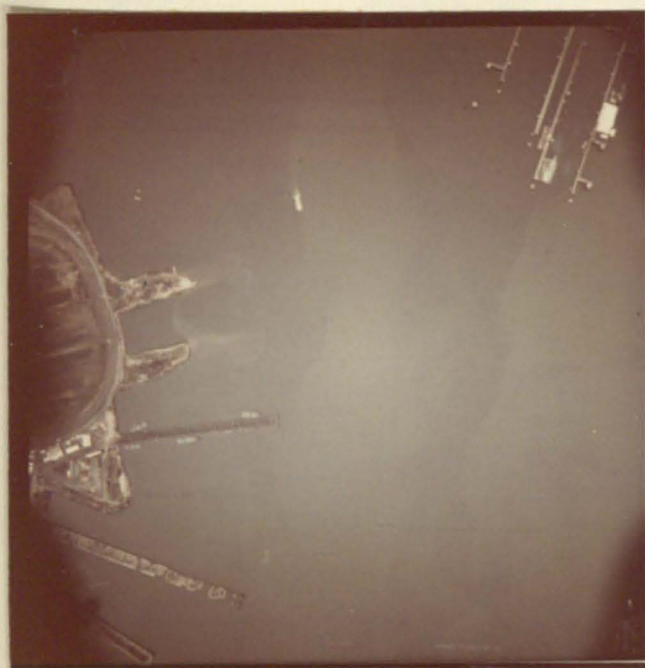


Date: 2/7/75
Time: 1135EST
Run: 8 Altitude: 3000ft.
Frame: 1 of 4

Number of visible markers
 Floating: 0
 Fixed: 0

Comments: Run from Lambert's Point
 to SW

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1158 EST
Run: 8 Altitude: 3000ft.
Frame: 2 of 4

Number of visible markers
Floating: 1 (F1:5)

Fixed: 0

Comments: Floater in shadow zone
of hole - position unreliable

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1158 EST
Run: 8 Altitude: 3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 4 (F1:5, F1:3, F2:5,
F2:4)

Fixed: 0

Comments: Extra image or fault in
film or processing

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1158 EST
Run: 8 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 3 (F1:3, F2:5, F2:4)

Fixed: 0

Comments: Sharp color line parallel to jetty may be related to wave associated circulation (line on N side of jetty)

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



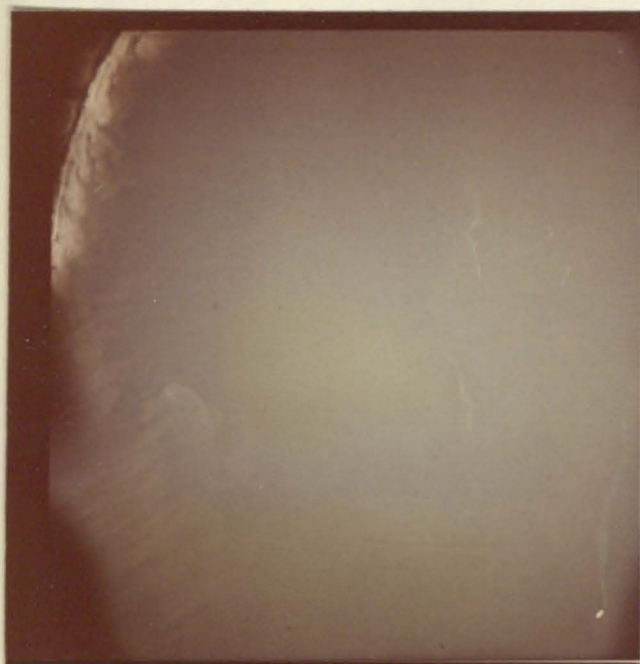
Date: 2/7/75
Time: 1200 EST
Run: 9 Altitude: 3000ft.
Frame: 1 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Portsmouth station to NE

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1200 EST
Run: 9 Altitude: 3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 3 (F2:3, F2:2, F1:1)

Fixed: 0

Comments: Study boat standing next
to F1:2

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1200 EST
Run: 9 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 5 (F2:2, F2:3, F1:2,
F2:5, F2:1)

Fixed: 1

Comments: Streamer indicates tide
beginning to ebb

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1200 EST
Run: 9 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 3 (F1:2, F1:5, F2:6)

Fixed: 1

Comments: Run from Eastport's Point

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1200 EST
Run: 9 Altitude: 3000ft.
Frame: 5 of 5

Number of visible markers
Floating: 1 (not shown on chart,
but guess F2:1 or F1:5)
Fixed: 0

Comments: Outfall shows end of flood
Tail of floater exhibits "folding
order" tendency at edge of outfall
color boundary. Super water ebbing

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000 ft.
Frame: 1 of 6

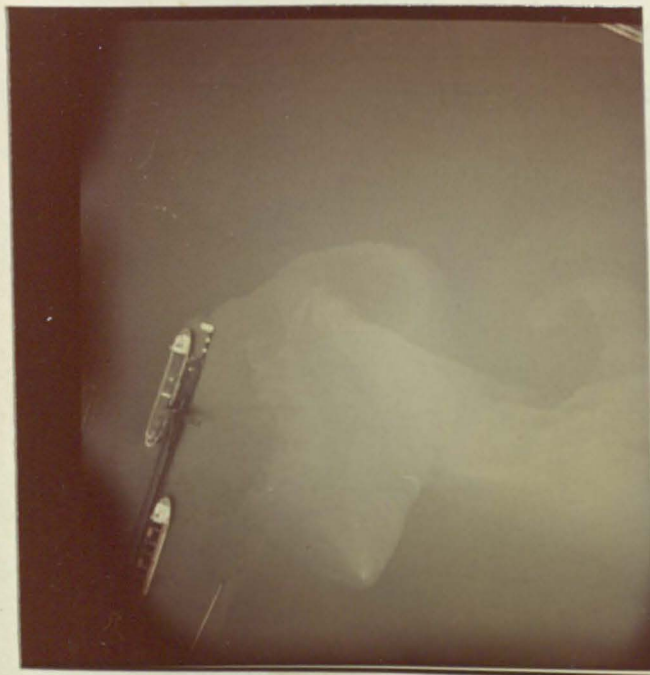
Number of visible markers
Floating: 3

Fixed: 0

Comments: Run from Lambert's Point
towards N

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000 ft.
Frame: 2 of 6

Number of visible markers
Floating: 4 (X, F1:5, F2:6, F1:6)

Fixed: 0

Comments: That makes X=B2:1
Strange path

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000 ft.
Frame: 3 of 6

Number of visible markers
Floating: 3 (F1:1, F1:6, X)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000 ft.
Frame: 4 of 6

Number of visible markers
Floating: 2 (F1:1, F1:6)

Fixed: 0

Comments: Color boundary coming from
corner of U. S. Naval Supply Center

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000 ft.
Frame: 5 of 6

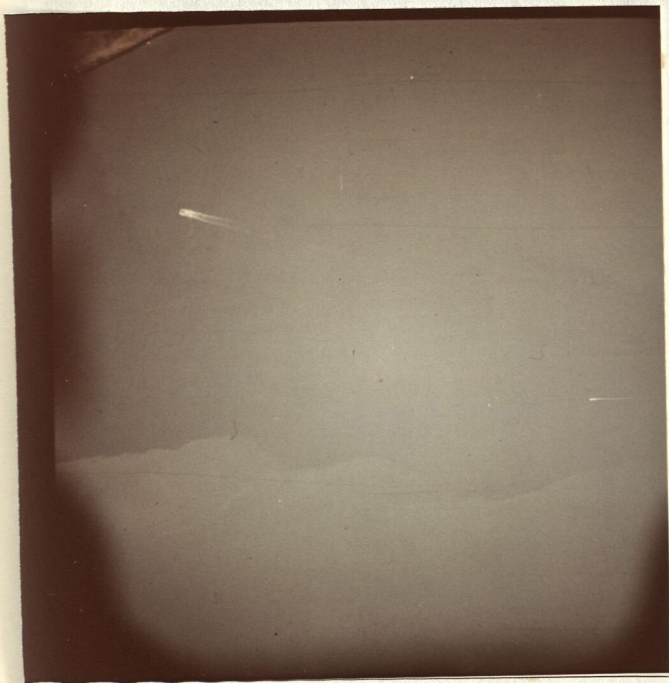
Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1205 EST
Run: 10 Altitude: 3000ft.
Frame: 6 of 6

Number of visible markers
Floating 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1400 EST
Run: 11 Altitude 3000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run WSW from U. S. Naval
Supply Center; tide ebbing outside
pier - flooding next to shore inside

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



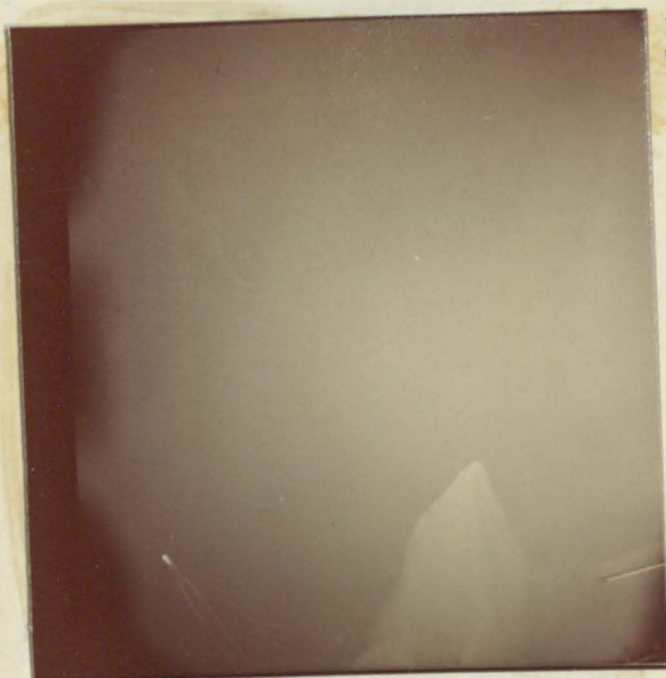
Date: 2/7/75
Time: 1400 EST
Run: 11 Altitude 3000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 1 (Bl)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1400 EST
Run: 11 Altitude: 3000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: Strong flooding outfall

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



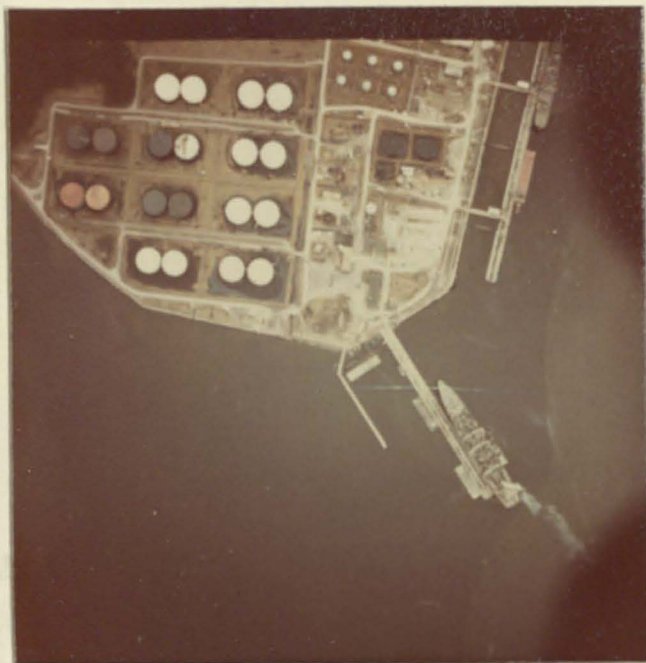
Date: 2/7/75
Time: 1400 EST
Run: 11 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1400 EST
Run: 12 Altitude: 3000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 3 (F2:6, F3:1, X)

Fixed: 0

Comments: Run from U. S. Naval Supply
to about due east; color boundary
shows strong convergence (X may
be F3:2)
Wind from NW by smoke from stack
of ship

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1400 EST
Run: 12 Altitude: 3000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 2 (Fw:6, F3:1)

Fixed: 0

Comments: Possible additional floater
has been just run over by passing
ship

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1400 EST
Run: 12 Altitude: 3000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: STP outfall indicates
strongly flooding tide

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1400 EST
Run: 12 Altitude: 3000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: Possible internal waves
or roll instabilities visible in
outfall plume

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1410 EST
Run: 13 Altitude: 3000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 1 (F3:4)

Fixed: 0

Comments: Run ENE from Portsmouth

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1410 EST
Run: 13 Altitude: 3000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 2 (F3:4, F3:3)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1410 EST
Run: 13 Altitude: 3000 ft.
Frame: 3 of 5

Number of visible markers
Floating: 3 (F3:3?, F3:4?, F3:6?)

Fixed: 1

Comments: Study boat next to fixed
marker.
Color boundary just outside fixed
marker.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



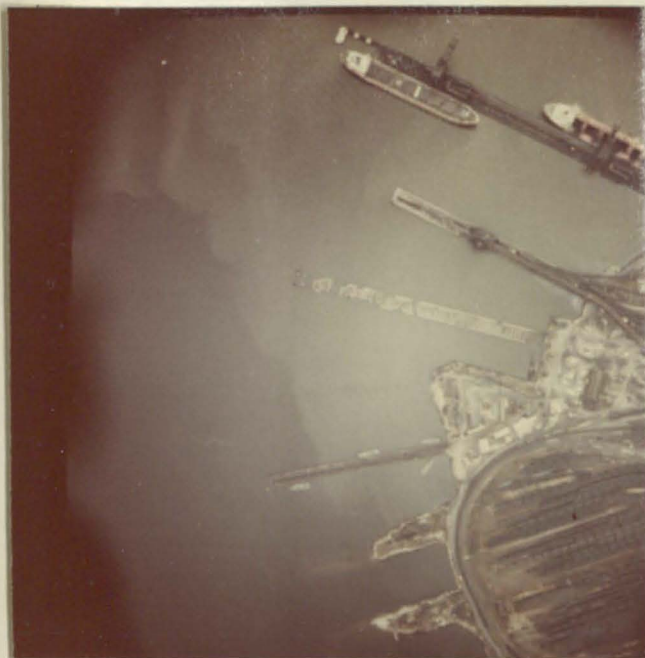
Date: 2/7/75
Time: 1410 EST
Run: 13 Altitude: 3000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 4

Fixed: 1

Comments: Two floaters very faint
near Lambert's Point piers perhaps
(F1:3, F1:5)

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1410EST
Run: 13 Altitude:3000ft.
Frame: 5 of 5

Number of visible markers
Floating: 2

Fixed: 0

Comments: STP water flooding most of
visible frame

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1412EST
Run: 14 Altitude:3000ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (on shore at tip of
jetty) (F2:4)

Fixed: 0

Comments: Run NE from Lovett's Point
Wind still from NW by stack at
Lovett's Point; floater in slick

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1412EST
Run: 14 Altitude:3000ft.
Frame: 2 of 4

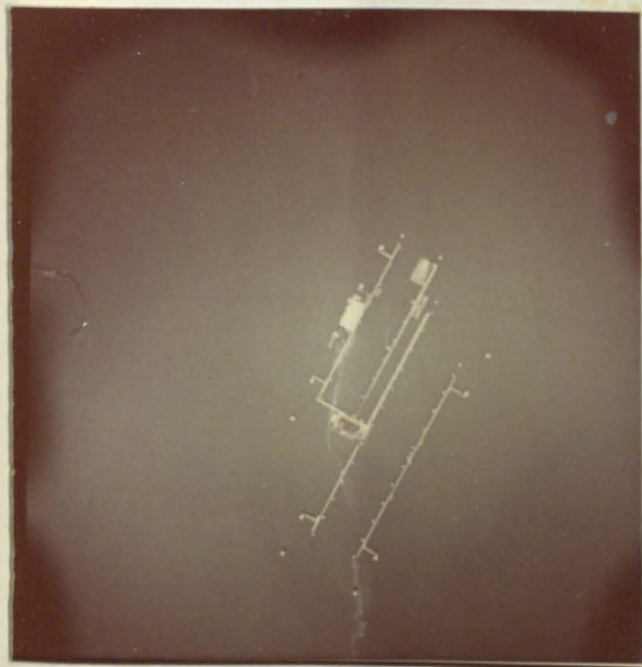
Number of visible markers
Floating: 2

Fixed: 0

Comments: Oil slick associated with
degaussing pier

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1412EST
Run: 14 Altitude:3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3 (F2:2, F2:4, X)

Fixed: 0

Comments: X to S of degaussing pier
near slick

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1412EST
Run: 14 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 2 (F2:2, X)

Fixed: 0

Comments: Tug coming from S may
run over floater

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1415 EST
Run: 15 Altitude: 3000ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Portsmouth NW
to Lambert's Point

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1415 EST
Run: 15 Altitude: 3000ft.
Frame: 2 of 4

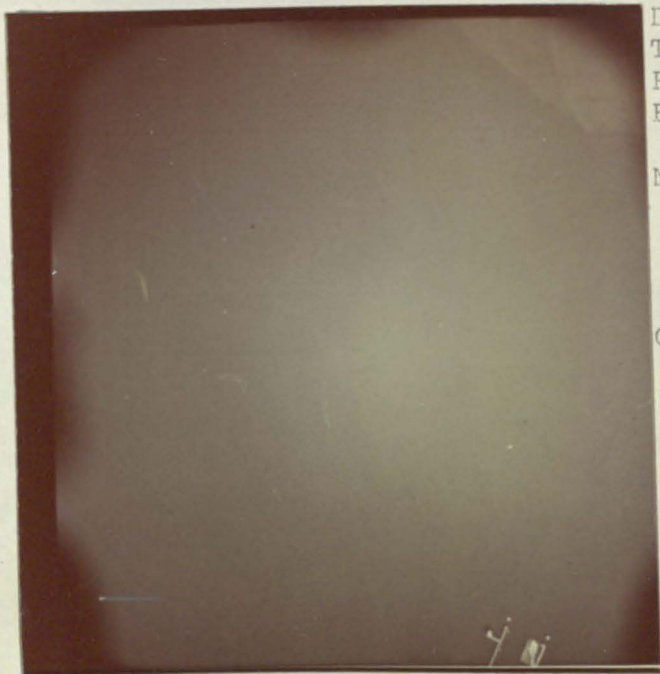
Number of visible markers
Floating: 2 (F3:4?, F3:5?)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1415 EST
Run: 15 Altitude: 3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 2

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1415 EST
Run: 15 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 1

Fixed: 0

Comments: Trace of buoy very faint
near tug's sake.
Other marker has vanished near
Lambert's Point.
Last frame on roll

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1440 EST
Run: 16 Altitude: 3000ft.
Frame: 1 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Frame lightstruck.
Run from C. G. Base east to
Lambert's Point

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1440 EST
Run: 16 Altitude: 3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 3 (F3:1?, F3:2?, F3:6?)

Fixed: 1

Comments: Streamer shows current
towards SE ending abruptly at
color boundary.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1440 EST
Run: 16 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 2

Fixed: 1

Comments: Stack of ship at Naval
Supply Center indicates wind from NW

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1440 EST
Run: 16 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 1

Fixed: 0

Comments: Floater not on sheets

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



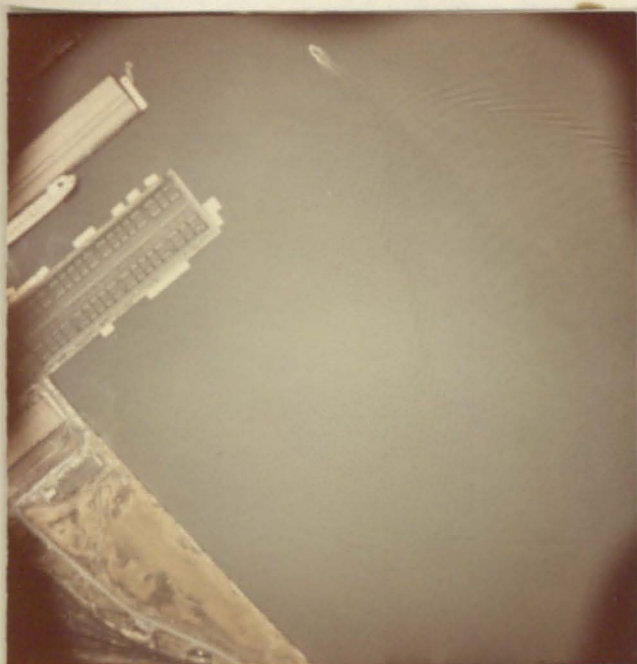
Date: 2/7/75
Time: 1440 EST
Run: 16 Altitude: 3000ft.
Frame: 5 of 5

Number of visible markers
Floating: 1

Fixed: 0

Comments: STP plume still indicates
flooding current.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1455 EST
Run: 17 Altitude: 3000ft.
Frame: 1 of 4

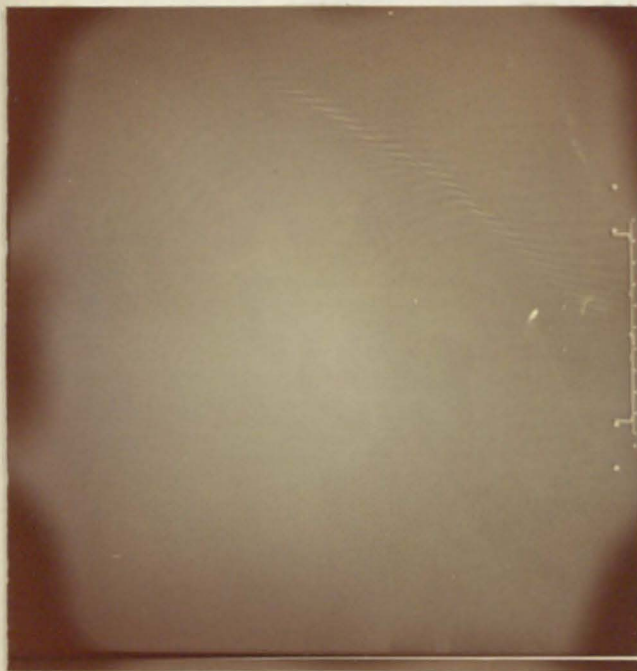
Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Norfolk shore
S of Lambert's Point W to
degaussing pier.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



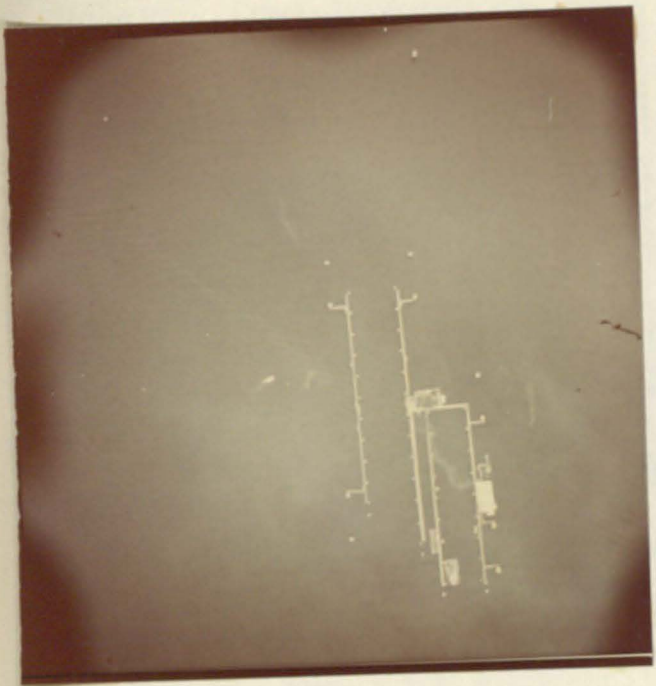
Date: 2/7/75
Time: 1455 EST
Run: 17 Altitude: 3000ft.
Frame: 2 of 4

Number of visible markers
Floating: 1 (F2:2)

Fixed: 0

Comments: Run from Norfolk shore
S of Lambert's Point W to
degaussing pier.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1455 EST
Run: 17 Altitude: 3000ft.
Frame: 3 of 4

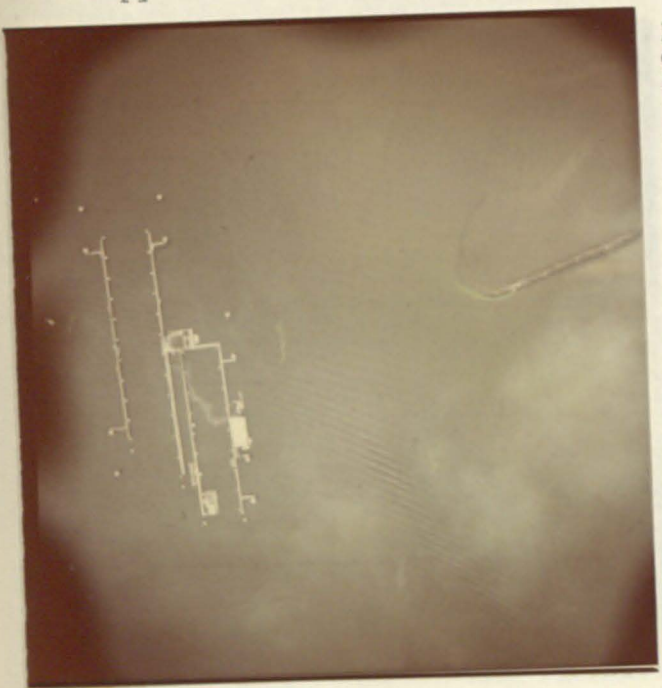
Number of visible markers
Floating: 2 (F2:2, F3:3)

Fixed: 0

Comments: Oil slick associated with degaussing pier

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1455 EST
Run: 17 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 4 (F2:2, F3:5, F3:4, F2:4)

Fixed: 0

Comments: F2:4 grounded on jetty

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1515 EST
Run: 18 Altitude: 3000ft.
Frame: 1 of 2

Number of visible markers
Floating: 1

Fixed: 0

Comments: Run up Elizabeth River
from Midtown Tunnel.
Oil slick area just S of Midtown
Tunnel entrance.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1515 EST
Run: 18 Altitude: 3000ft.
Frame: 2 of 2

Number of visible markers
Floating: 1

Fixed: 0

Comments: Very faint (one of the A's)

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1515 EST
Run: 19 Altitude: 3000ft.
Frame: 1 of 2

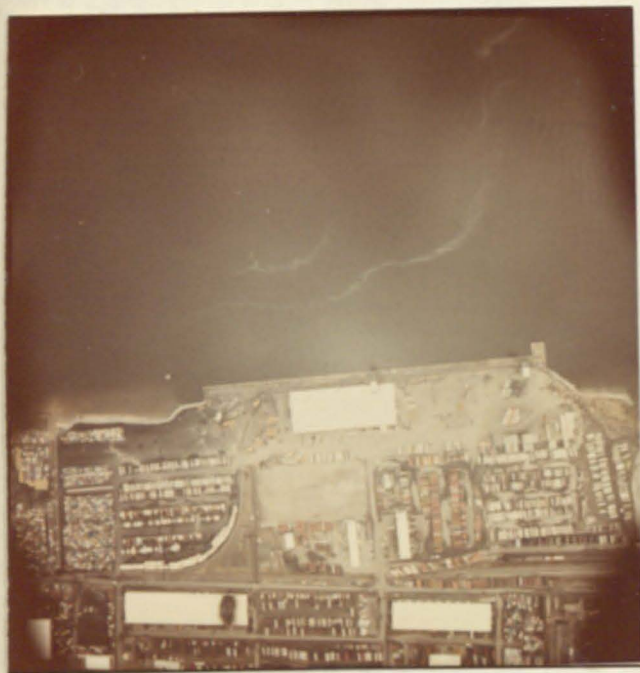
Number of visible markers
Floating: 2 (F2:3, F2:5)

Fixed: 0

Comments: Run to W at Pinner Point
Both floaters associated with
oil slicks.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1515 EST
Run: 19 Altitude: 3000ft.
Frame: 2 of 2

Number of visible markers
Floating: 2 (F2:3, F2:5)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1535EST
Run: 20 Altitude:3000ft.
Frame: 1 of 5

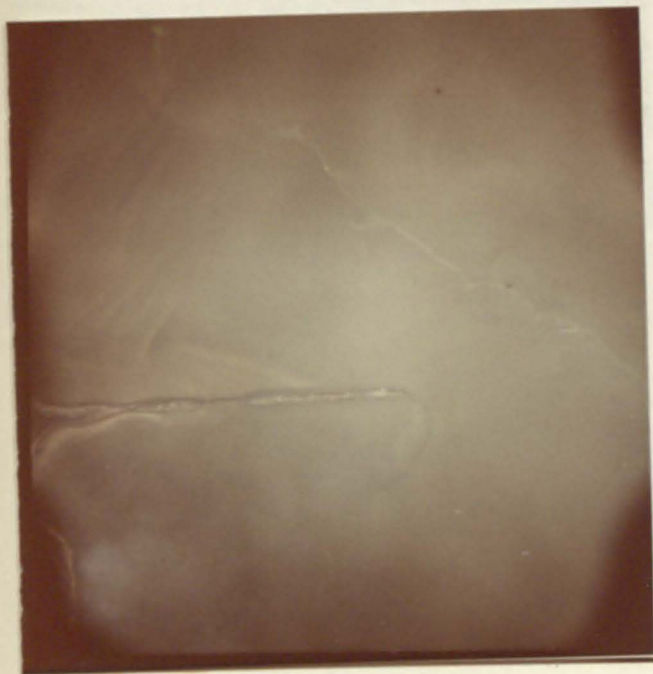
Number of visible markers
Floating: 1 (D4?)

Fixed: 0

Comments: Run to E from Portsmouth
jetty

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



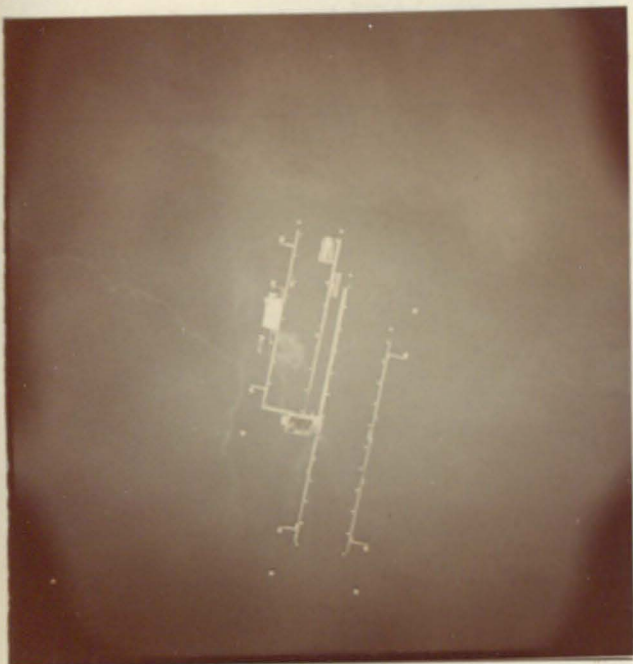
Date: 2/7/75
Time: 1535EST
Run: 20 Altitude:3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 5 (F2:4, F4:4?, F3:3?,
F4:5?)

Fixed: 0

Comments: Two floaters in oil slick
(thin line), one other near.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1535 EST
Run: 20 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 1 (C5)

Fixed: 0

Comments: Oil slick associated with
degaussing pier

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1535 EST
Run: 20 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Sun over horizon
visible to the
left. Floating in water parallel to
pier.
Oil slick line
to left of pier. Sun at right
edge.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1535 EST
Run: 20 Altitude: 3000ft.
Frame: 5 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



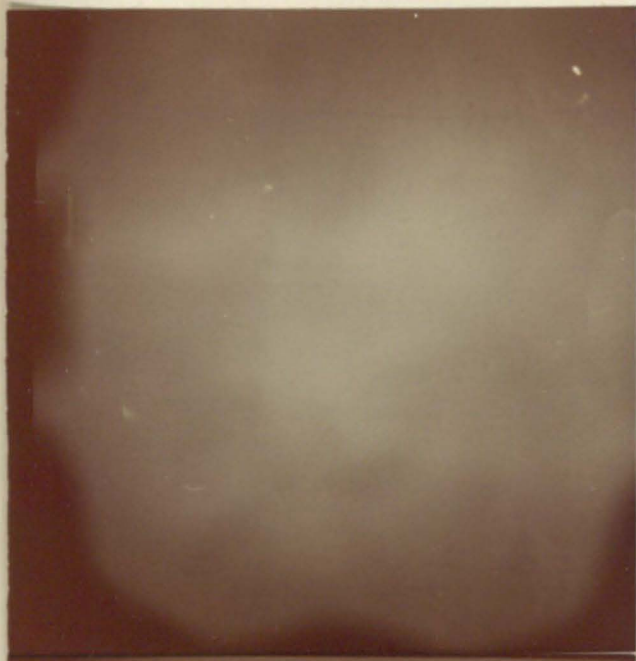
Date: 2/7/75
Time: 1540 EST
Run: 21 Altitude: 3000ft.
Frame: 1 of 5

Number of visible markers
Floating: 4

Fixed: 0

Comments: Run from Portsmouth
station to E.
1 dye floater in slick parallel to
shore.
2 near slick line.
No dye on shoreward side of slick
line.

APPENDIX I - Prints of Original Photography



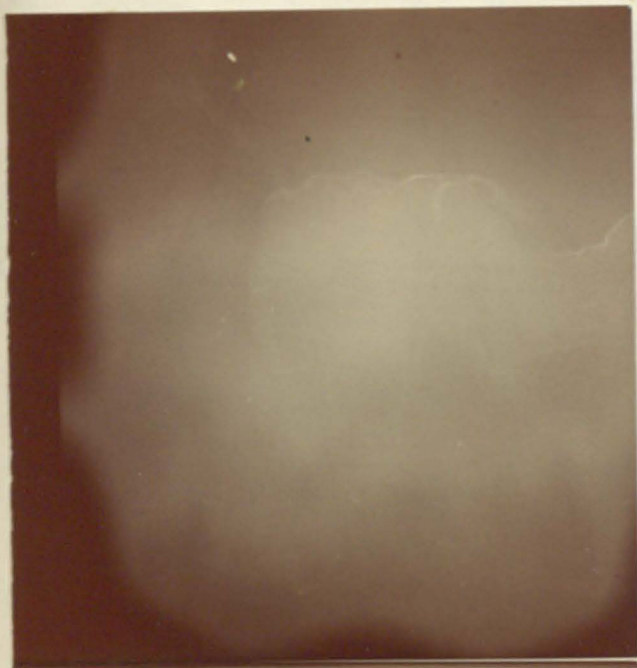
Date: 2/7/75
Time: 1540 EST
Run: 21 Altitude: 3000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 6 (F4:1, F4:6?, X,
F3:2?, F3:1?, F4:3?)
Fixed: 1

Comments: Another convergence zone
has recently passed by fixed buoy.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1540 EST
Run: 21 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 3 (F4:1, F4:6, X)
Fixed: 1

Comments: Convergence zone observed
on last frame has oil slick.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1540 EST
Run: 21 Altitude: 3000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Slick noted on last two frames is edge of Lambert;s Point STP effluent

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1540 EST
Run: 21 Altitude: 3000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1545EST
Run: 22 Altitude:3000ft.
Frame: 1 of 5

Number of visible markers
Floating: 1 (F4:??)

Fixed: 0

Comments: Run from Craney Island
Creek SE to Lambert's Point.
Slick line curving around past
U. S. Naval Supply Center.
Oil slick associated with Coast
Guard Base.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time:1545 EST
Run: 22 Altitude:3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 3 (F4:1, F4:??, F4:3)

Fixed: 0

Comments: Wind shift to S by smoke
from stack of ship docked to U. S.
Naval Supply Center.
Study boat in photograph.
Slick going ashore at Portsmouth
comes from U. S. Naval Supply
Center.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1545EST
Run: 22 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 2 (F4:1, X)

Fixed: 0

Comments: One floater caught in
Lambert's Point effluent slick

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1545EST
Run: 22 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Lambert;s Point outfall
still shows flooding

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1545EST
Run: 22 Altitude: 3000ft.
Frame: 5 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



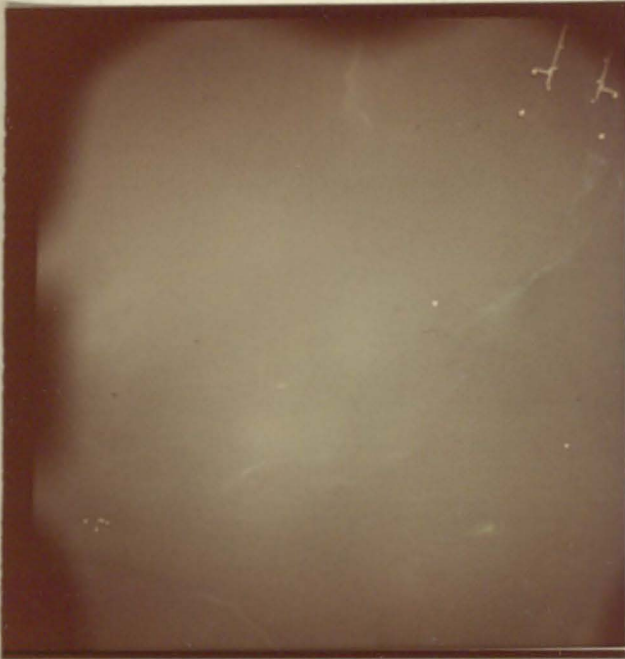
Date: 2/7/75
Time: 1620EST
Run: 23 Altitude: 3000ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (F3:5)

Fixed: 0

Comments: Run east from Lovett Point
to Norfolk shoreline.
Wind still from S by smoke from
stack at Lovett Point.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1620EST
Run: 23 Altitude: 3000ft.
Frame: 2 of 4

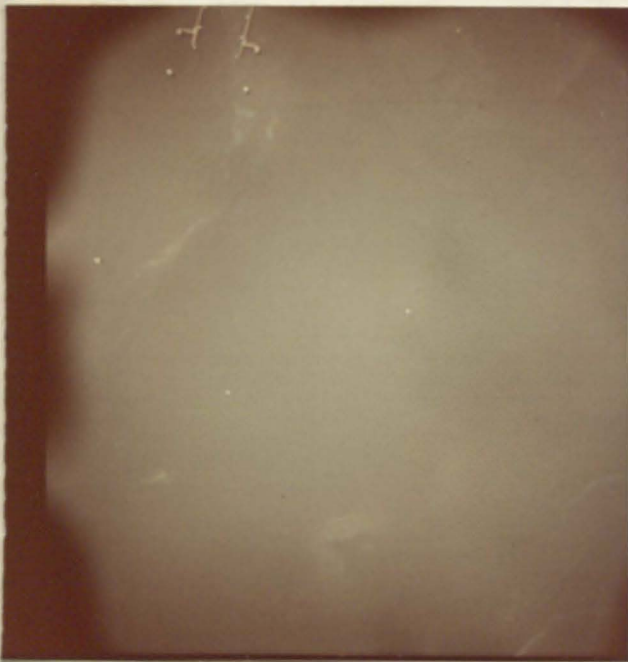
Number of visible markers
Floating: 3 (F3:5, F2:2, F3:4)

Fixed: 0

Comments: Oil slick associated with
degaussing pier has two floaters
in it.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1620EST
Run: 23 Altitude: 3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 2 (F2:2, F3:4)

Fixed: 0

Comments: ... indicates
... associated with oil

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1620 EST
Run: 23 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Oil slick associated
with barge at pier.
STP outfall (Pinner Point) shows
near slack current.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1620EST
Run: 24 Altitude: 3000ft.
Frame: 1 of 1

Number of visible markers
Floating: 2 (F2:3, F2:5)

Fixed: 0

Comments: STP ourfall indicates
near slack water.
Both floaters associated with oil
slick.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1645 EST
Run: 25 Altitude: 3000ft.
Frame: 1 of 2

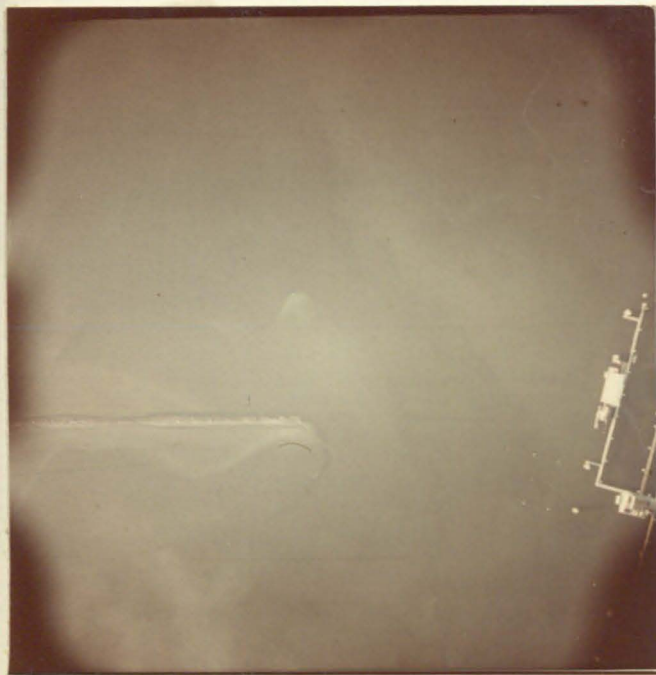
Number of visible markers
Floating: 2 (D4, X)

Fixed: 0

Comments: Run NE from Portsmouth
jetty

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1645EST
Run: 25 Altitude: 3000ft.
Frame: 2 of 2

Number of visible markers
Floating: 4 (F4:5, F2:4, F3:3,
X)

Fixed: 0

Comments: F4:5, F3:3 associated with
color boundary with some oil slick

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1700 EST
Run: 26 Altitude: 3000ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (F4:2)

Fixed: 0

Comments: Run S from C. G. Vase
along Portsmouth shoreline.
Light beginning to fail.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1700 EST
Run: 26 Altitude: 3000ft.
Frame: 2 of 4

Number of visible markers
Floating: 5 (F4:2, F4:6, X, X,
X)

Fixed: 0

Comments: 1 caught under C. G. pier.
2 ashore on beach next to each
other (may be only 1).

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1700 EST
Run: 26 Altitude: 3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3 (X, X, F4:6)

Fixed: 0

Comments: One of X's is new buoy
on (or just about on) shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)




Date: 2/7/75
Time: 1700EST
Run: 26 Altitude: 3000ft.
Frame: 4 of 4

Number of visible markers
Floating: 1 (F4:4?)

Fixed: 0

Comments: Example of wave refraction
by a STP outfall.

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1705EST
Run: 27 Altitude: 3000ft.
Frame: 1 of 5

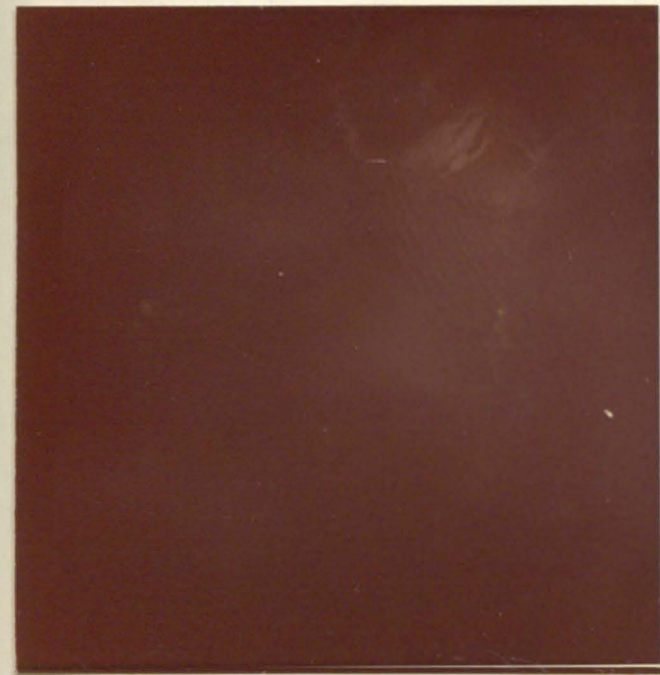
Number of visible markers
Floating: 4 (F4:6, X, X, X)

Fixed: 0

Comments: Run from Portsmouth
(C. G. Base) east to Lambert's
Point.
Light failing.
3 near shore or on shore - were
seen last run.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1705EST
Run: 27 Altitude: 3000ft.
Frame: 2 of 5

Number of visible markers
Floating: 2 (F4:6, X)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1705 EST
Run: 27 Altitude: 3000ft.
Frame: 3 of 5

Number of visible markers
Floating: 1

Fixed: 0

Comments: Collier leading up main
channel.
Study boat in picture.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/7/75
Time: 1705 EST
Run: 27 Altitude: 3000ft.
Frame: 4 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/7/75
Time: 1705 EST
Run: 27 Altitude: 3000ft.
Frame: 5 of 5

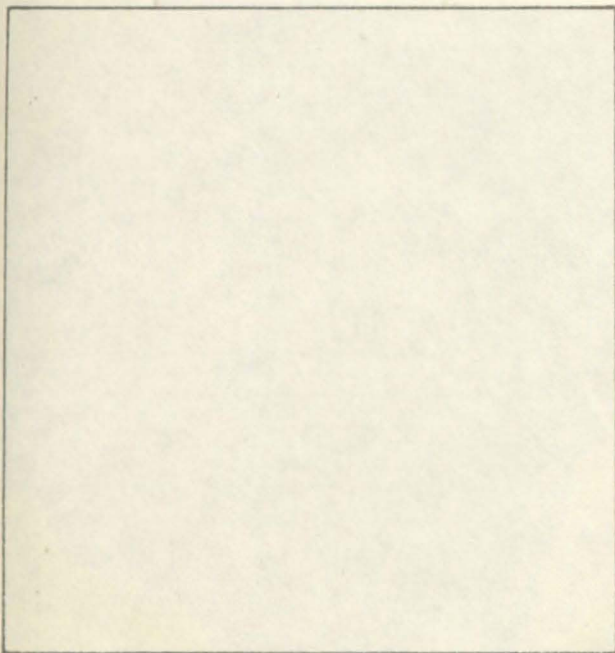
Number of visible markers
Floating: 0

Fixed: 0

Comments: Last frame of day

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date:
Time: EST
Run: Altitude: ft.
Frame: of

Number of visible markers
Floating:

Fixed:

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 0935EST
Run: 1 Altitude:5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Lambert's Point
E to U. S. Naval Supply Center.
Haze obscuring view.
STP outfall shows near slack
water (early ebb).

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time:0935 EST
Run: 1 Altitude:5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 4 (F1:1, F1:2, F1:3,
F1:6)

Fixed: 1

Comments: Strong color boundary
from U. S. Naval Supply Center
to S.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 0938 EST
Run: 2 Altitude: 5000ft.
Frame: 1 of 3

Number of visible markers
Floating: 3

Fixed: 1 (tail only)

Comments: Run from jetty NE to
Lambert's Point.
STP shows strong current to N.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 0938EST
Run: 2 Altitude: 5000ft.
Frame: 2 of 3

Number of visible markers
Floating: 3

Fixed: 1

Comments: Wind from SW by stack of
jetty.
Current must be sheared at water
color boundary.
Oil slick from degaussing pier
to color boundary.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 0938 EST
Run: 2 Altitude: 5000ft.
Frame: 3 of 3

Number of visible markers
Floating: 0

Fixed: 0

Comments: all 3 markers in the water
and are color accurate

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1030 EST
Run: 3 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run to W from Norfolk
north of Lambert;s Point to
U. S. Naval Supply Center.
STP plume shows strong ebb.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1030 EST
Run: 3 Altitude 5000 ft.
Frame: 2 of 2

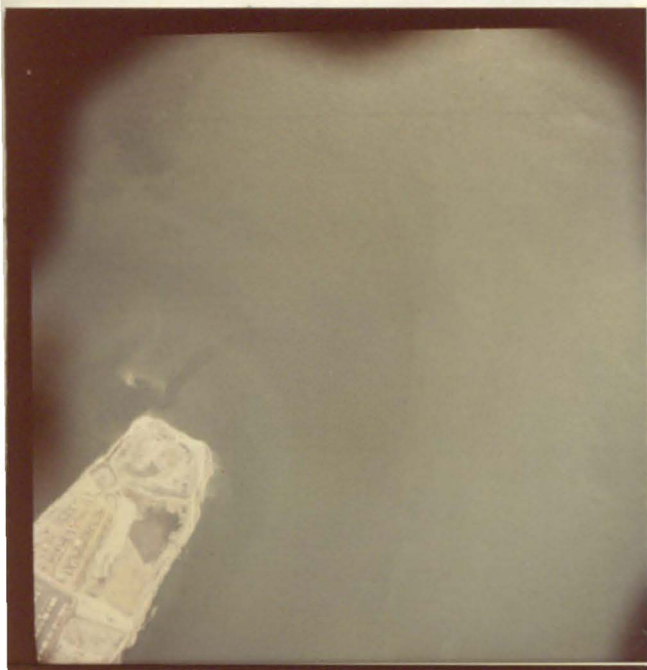
Number of visible markers
Floating: 3 (F1:1, F1:2, F1:3)

Fixed: 0

Comments: All 3 floaters in or near
diffuse color boundary

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1115 EST
Run: 4 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers
Floating: 3 (F1:1, F1:2, F1:3)

Fixed: 0

Comments: Run SW from Tanner Point
to U. S. Naval Supply Center.
Surface color boundary appears
to be breaking up into roll
instabilities.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1115EST
Run: 4 Altitude: 5000ft.
Frame: 2 of 2

Number of visible markers
 Floating: 3 (F1:1, F1:2, F1:3)

 Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1117 EST
Run: 5 Altitude: 5000ft.
Frame: 1 of 3

Number of visible markers
 Floating: 6 (F1:6, F2:2, F2:3,
 F2:6, F2:1, F1:4)

 Fixed: 1

Comments: Run to SW from U. S.
 Naval Supply Center to Lambert's
 Point.
 Color boundary from U.S. Naval
 Supply Center parallel to
 Portsmouth breaching down.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1117 EST
Run: 5. Altitude: 5000ft.
Frame: 2 of 3

Number of visible markers
Floating: 8 (same as last frame
+ F2:4, F2:5)
Fixed: 1

Comments: Tugs docking collier at
Lambert's Point stirring up
sediment.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1117 EST
Run: 5 Altitude: 5000ft.
Frame: 3 of 3

Number of visible markers
Floating: 1 (F2:5)
Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1120 EST
Run: 6 Altitude: 5000ft.
Frame: 1 of 3

Number of visible markers

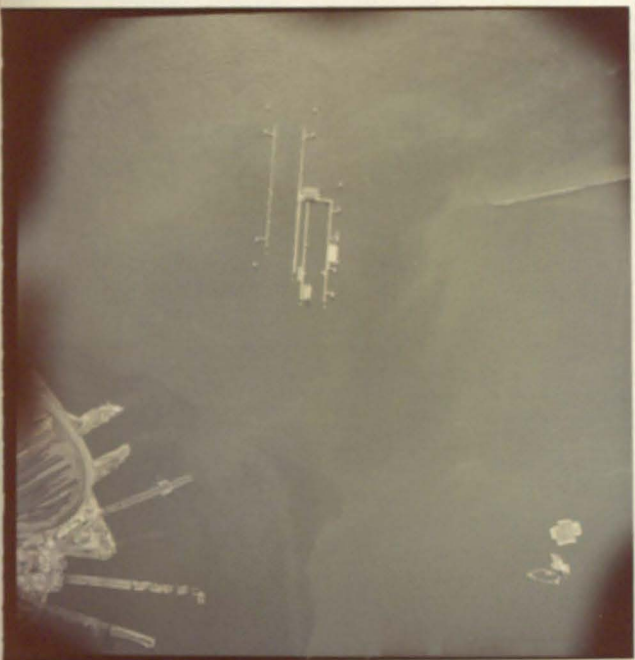
Floating: 0

Fixed: 0

Comments: Run from Lambert's Point
SW to jetty

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1120 EST
Run: 6 Altitude: 5000ft.
Frame: 2 of 3

Number of visible markers

Floating: 2 (F2:4, F2:5)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1120 EST
Run: 6 Altitude: 5000ft.
Frame: 3 of 3

Number of visible markers
Floating: 2 (F2:4, F2:5)

Fixed:

Comments: STP plume may exhibit fronts caused by supercritical to subcritical flow WRT internal waves beneath plume.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



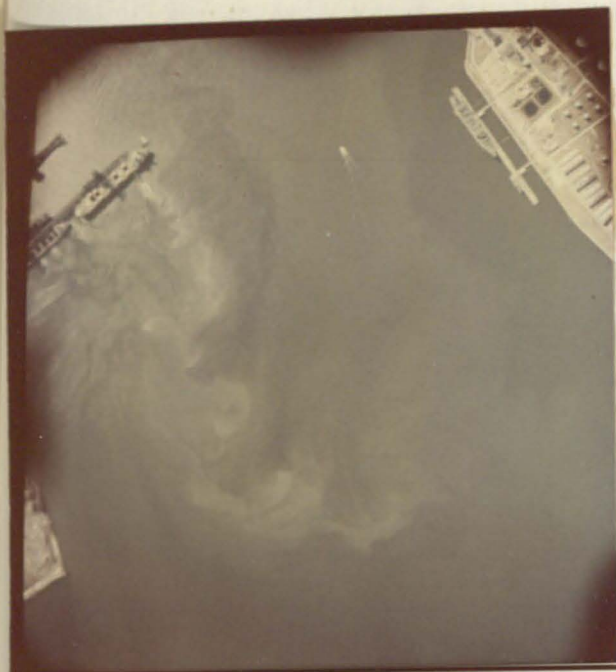
Date: 2/11/75
Time: 1135 EST
Run: 7 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 3 (F1:4, F2:1, F1:6)

Fixed: 0

Comments: Run from Norfolk shoreline N of Lambert's Point NW to U. S. Naval Supply Center.
Plume from tug coalesces with Lambert's Point STP plume.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1135 EST
Run: 7 Altitude: 3000ft.
Frame: 2 of 2

Number of visible markers
Floating: 3 (F1:4, F2:1, F1:6)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1140 EST
Run: 8 Altitude: 5000ft.
Frame: 1 of 1

Number of visible markers
Floating: 3 (F1:1, F1:2, F1:3)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1330 EST
Run: 9 Altitude: 5000ft.
Frame: 1 of 5

Number of visible markers
Floating: 3 (F3:1, F3:6, X)

Fixed: 1

Comments: Run from Lambert's Point
W to Coast Guard Base.
STP plume shows near slack water.
Study boat near 2 markers.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1330 EST
Run: 9 Altitude: 5000ft.
Frame: 2 of 5

Number of visible markers
Floating: 4 (F3:1, F3:2, F3:3,
X)

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1330 EST
Run: 9 Altitude: 5000ft.
Frame: 5 of 5

Number of visible markers
Floating: 3 (F3:2, F3:3, F3:6)

Fixed: 1

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1333 EST
Run: 10 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 2 (F3:4, F3:5)

Fixed: 0

Comments: Run from jetty W to
Norfolk shore S of Lambert's
Point.
Smoke plume from stack at Lovett
Point shows wing from WSW.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1333 EST
Run: 10 Altitude: 5000ft.
Frame: 2 of 2

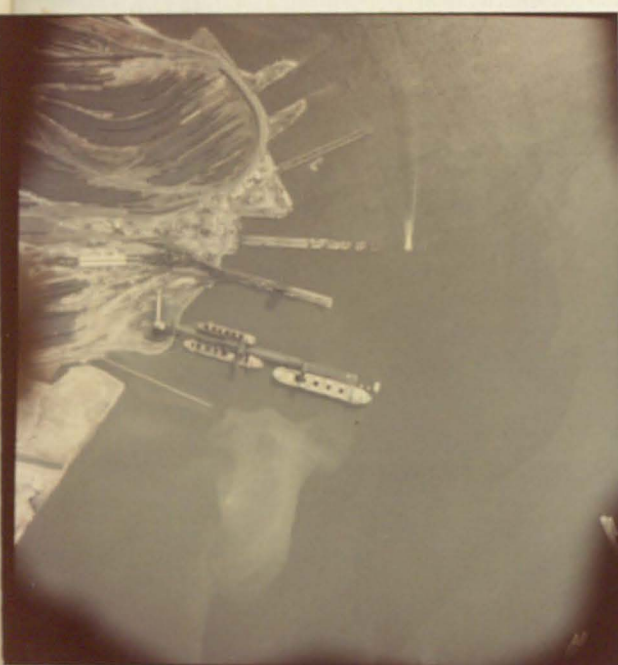
Number of visible markers
Floating: 0

Fixed: 0

Comments: Roll streaks forming in
sun glitter parallel to wind.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1335 EST
Run: 11 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (F3:1, F3:6)

Fixed: 1


Comments: Run from Lambert's Point
W to Portsmouth shoreline.

APPENDIX I - Prints of Original Photography

Date: 2/11/75
Time: 1335 EST
Run: 11 Altitude: 5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 6 (F3:1, F3:2, F3:3,
F3:4, F3:5, F3:6)
Fixed: 1

Comments: F3:2 associated with color boundary.




Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)

Date: 2/11/75
Time: 1335 EST
Run: 11 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 6 (F3:1, F3:2, F3:3,
F3:4, F3:5, F3:6)
Fixed: 1

Comments: F3:5 associated with color boundary.




APPENDIX I - Prints of Original Photography

Date: 2/11/75
Time: 1335 EST
Run: 11 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 5 (F3:2, F3:3, F3:4,
F3:5, F3:6)
Fixed: 1

Comments: Portsmouth STP plume
still shows ebb



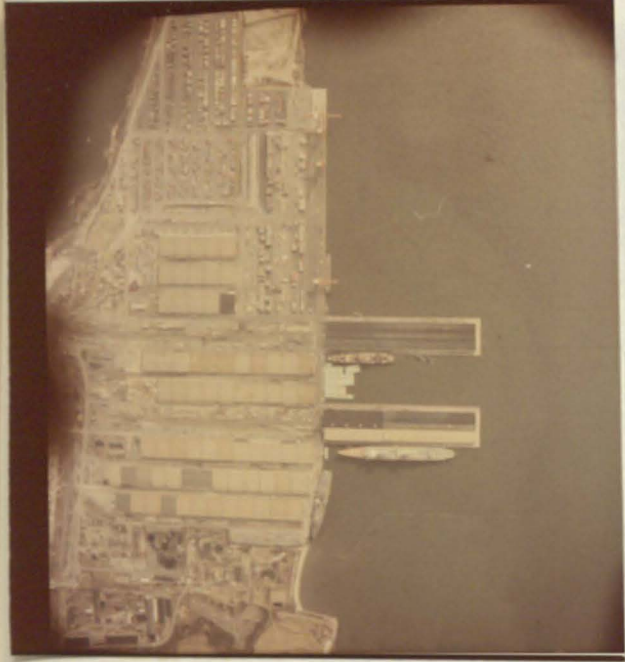
Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)

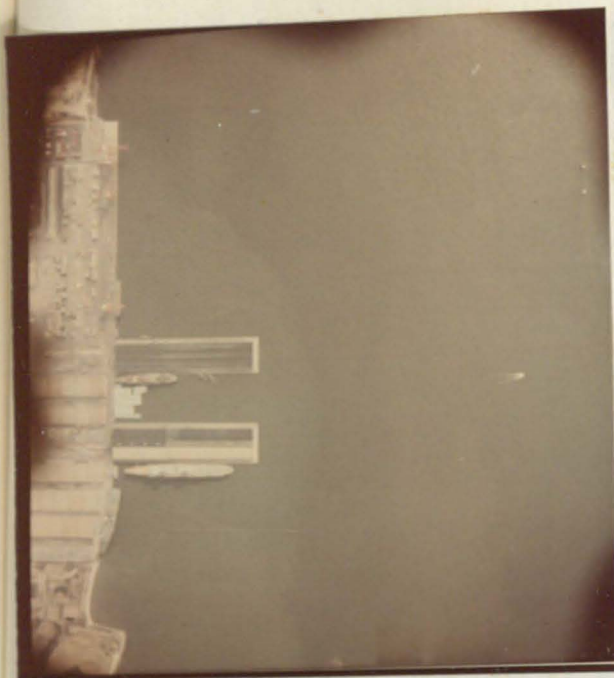
Date: 2/11/75
Time: 1350 EST
Run: 12 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (F1:2, F1:3)
Fixed: 0

Comments: Run from Tanner Point
W to Craney Island landfill



APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1350 EST
Run: 12 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 3 (Fl:2, Fl:3,
Fl:4)
Fixed: 0

Comments: Army Base STP
effluent plume shows strong
ebb.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1350 EST
Run: 12 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3
Fixed: 0

Comments: Some oil slicks on
Craney Island side

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1350 EST
Run: 12 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: Study boat in this run.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1400 EST
Run: 13 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 4 (F1:2, F2:2,
F2:3, F2:6)

Fixed: 0

Comments: Run from Tanner
Point W to Craney Island
landfill.

APPENDIX I - Prints of Original Photography



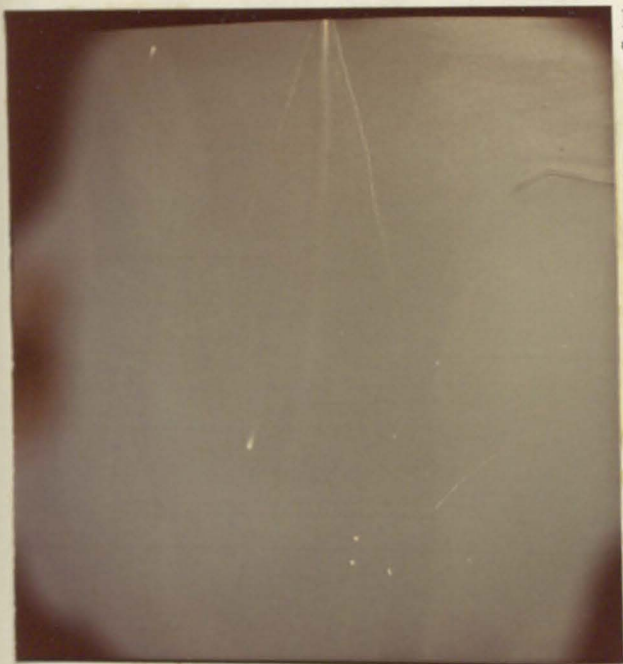
Date: 2/11/75
Time: 1400 EST
Run: 13 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 5 (F1:2, F1:3,
F2:2, F2:3, F2:6)
Fixed: 0

Comments: F1:3 getting weak

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1400 EST
Run: 13 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3 (F2:2, F2:3,
F2:6)
Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1400 EST
Run: 13 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: See film tape
Point W of U.S. Coast
Supply Station

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



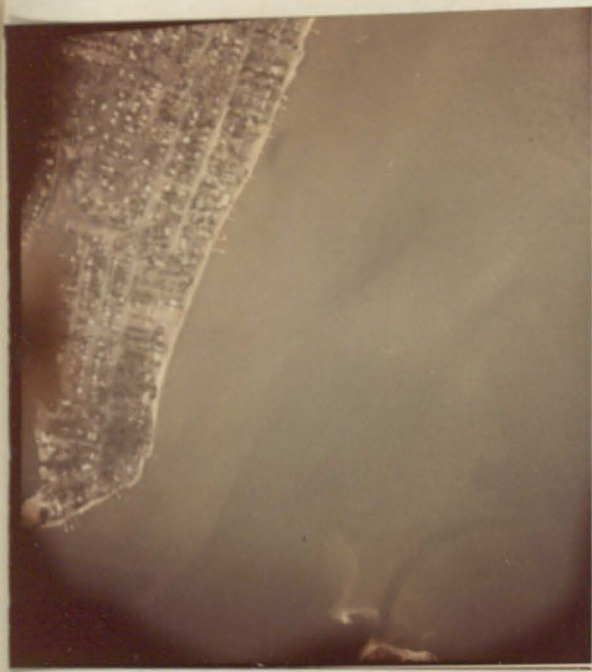
Date: 2/11/75
Time: 1450 EST
Run: 14 Altitude 5000 ft.
Frame: 1 of 1

Number of visible markers
Floating: 0

Fixed: 0

Comments: See film tape
Markers transferred to
color copy

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1453 EST
Run: 15 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (F2:4?)

Fixed: 0

Comments: Run from Tanner
Point SW to U.S. Naval
Supply Center.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1453 EST
Run: 15 Altitude: 5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 2 (F2:4?, F3:1?)

Fixed: 0

Comments: Tails from both
markers truncate at a
color boundary.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1453 EST
Run: 15 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3 (F2:4?, F3:1,
 F3:6)
Fixed: 0

Comments: *[Faint, illegible text]*

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1453 EST
Run: 15 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 4 (F2:4, F2:2,
 F3:6, F3:4?)
Fixed: 0

Comments: F3:4, F3:6 associated
with oil slick.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1500 EST
Run: 16 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (F2:3, X)

Fixed: 0

Comments: Run from Hampton
Roads Army Terminal to
Crane Island Landfill.
Swirl in water N of Hampton
Roads Army Terminal shows
beginning of flood.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1500 EST
Run: 16 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 3 (F2:3, X, F2:1)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1500 EST
Run: 16 Altitude: 3000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: Run from 1500 EST to 1515 EST. No markers visible. This indicates early stage.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1500 EST
Run: 16 Altitude: 3000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: This is a copy of the original film. No markers visible. This is a copy of the original film.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1515^{EST}
Run: 17 Altitude:3000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 2 (F3:5, F3:3)

Fixed: 0

Comments: Run from Lamberts
Point west to Coast Guard Base.
STP plume indicates early
flood.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1515^{EST}
Run: 17 Altitude:3000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 5 (F3:2, F3:3
F3:5, F4:1, F3:4)
Fixed: 1

Comments: Ship leaving piers
at U. S. Naval Supply Center.

APPENDIX I - Prints of Original Photography

Date: 2/11/75
Time: 1515EST
Run: 17 Altitude:3000 ft.
Frame: 3 of 5

Number of visible markers
Floating: 8 (F3:3, F3:5, F4:1,
F:3:2, F3:4?, F4:2, F4:3, F4:6)
Fixed: 1

Comments: New set of markers very faint.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)

Date: 2/11/75
Time: 1515 EST
Run: 17 Altitude:5000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 8 (same as above)

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1515 EST
Run: 17 Altitude: 5000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 5

Fixed: 1

Comments: No new markers

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1518 EST
Run: 18 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers
Floating: 2 (F4:4, F4:5)

Fixed: 0

Comments: Run from Portsmouth
jetty NE to Lambert's Point

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1518 EST
Run: 18 Altitude: 500ft.
Frame: 2 of 2

Number of visible markers
Floating: 1 (F4:5)

Fixed: 0

Comments: Smoke (assumed from
Levett's Point) still shows
wind from SW.
Oil slick associated with
degaussing pier.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1520 EST
Run: 19 Altitude: 500ft.
Frame: 1 of 4

Number of visible markers
Floating: 5 (6?) unidenti-
fied.
Fixed:

Comments: Run from Lambert's
Point W to C. G. Base.
Smoke from collier at
Lambert's Point pier shows
wind from WSW.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1520 EST
Run: 19 Altitude: 5000 ft.
Frame: 2 of 4

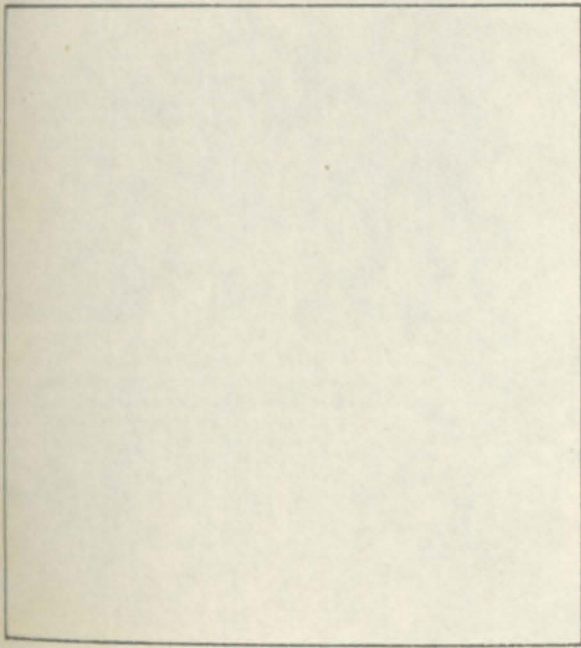
Number of visible markers
Floating: 8 (C's & D's)

Fixed: 1

Comments: Ship at Naval Supply
Center appears to be docking.
Marker in channel indicates
a convergence in ship wake.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1520 EST
Run: 19 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 7 (D4:2, F4:3,
F4:4, F4:6, F4:1, X, X)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1520 EST
Run: 19 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 5

Fixed: 1

Comments: No new markers

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1520 EST
Run: 19 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 5

Fixed: 1

Comments: No new markers

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1540 EST
Run: 20 Altitude: 5000ft.
Frame: 1 of 1

Number of visible markers
Floating: 1 (F2:1)

Fixed: 0

Comments: Furthest north a
marker observed during
study.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1545 EST
Run: 21 Altitude: 5000ft.
Frame: 1 of 1

Number of visible markers
Floating: 1 (F2:3)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1605 EST
Run: 22 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (F3:1, F2:4)

Fixed: 0

Comments: Run Tanner Point
SW to U.S. Naval Supply
Center.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



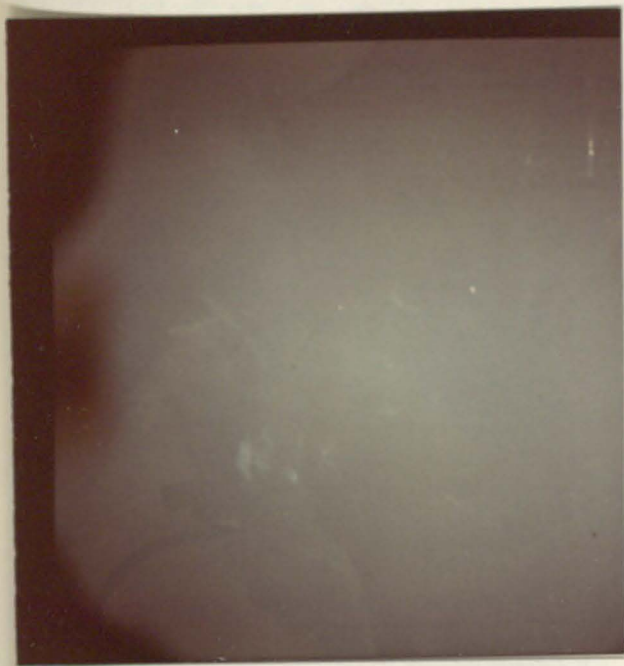
Date: 2/11/75
Time: 1605 EST
Run: 22 Altitude: ft.
Frame: 2 of 4

Number of visible markers
Floating: 4 (F2:4, F3:1,
F3:2, F3:6)

Fixed: 0

Comments: F3:6 associated
with oil slick.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1605 EST
Run: 22 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 5 (F3:1, F3:2,
 F3:6, F2:4, X)
Fixed: 0

Comments: X may be F3:5

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1605EST
Run: 22 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 4
Fixed: 0

Comments: No new markers

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1625 EST
Run: 23 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 5 (F3:4, F4:6, F4:2,
F4:3, X)
Fixed: 0

Comments: Run from U.S. Naval
Supply Center SW to Lambert's
Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1625EST
Run: 23 Altitude: 5000ft.
Frame: 2 of 2

Number of visible markers
Floating: 4 (F4:2, F4:5
F4:5, F4:6)
Fixed: 0

Comments: STP plume shows
flooding current near shore,
ebbing in channel.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1645 EST
Run: 24 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 2 (F4:4, F4:5)

Fixed: 0

Comments: Run from Portsmouth
jetty NE to Lambert's Point.
Wind still from WSW by Lovett
Point stack.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1645 EST
Run: 24 Altitude: 5000ft.
Frame: 2 of 2

Number of visible markers
Floating: 2 (F4:4, F4:5)

Fixed: 0

Comments: F4:4 associated
with color boundary.

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1648EST
Run: 25 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (F4:5)

Fixed: 0

Comments: Run from Lambert's
Point W to C. G. Base.
Smoke from collier shows
wind from SW.
Some wind wear in vertical
distance of smoke plume.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1648 EST
Run: 25 Altitude: 5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 3 (F4:2, F4:3,
F4:5)

Fixed: 1

Comments: Fixed marker about
out of dye - indicates an
ebbing tide (near slack
water)

APPENDIX I - Prints of Original Photography



Date: 2/11/75
Time: 1648 EST
Run: 25 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 3 (F4:2, F4:3,
 F4:5)
Fixed: 1

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/11/75
Time: 1648 EST
Run: 25 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 3
Fixed: 1

Comments: Tide seems turned
in flood direction sooner
in shallow water than deep,
across color boundary.
Last frame of day.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1000 EST
Run: 1 Altitude: 5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from N of
Lambert's Point W to C. G.
Base.
Lambert's Point STP plume
indicates strong flooding.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1000 EST
Run: 1 Altitude: 5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments: Oil slick associated
with U.S. Naval Supply Center

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1000 EST
Run: 1 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (F1:2)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1000 EST
Run: 1 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 1 (F1:2)

Fixed: 0

Comments: F1:1 is missing

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1000 EST
Run: 2 Altitude: 5000ft.
Frame: 1 of 2

Number of visible markers
Floating: 5 (Fl:2, Fl:3,
 Fl:4, Fl:5, Fl:6)
Fixed: 1

Comments: Run from Portsmouth
shoreline NE to Lambert's
Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1000EST
Run: 2 Altitude: 5000ft.
Frame: 2 of 2

Number of visible markers
Floating: 2 (Fl:5, Fl:6)
Fixed: 1

Comments: Oil slick associated
with Navy degaussing pier

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1115 EST
Run: 3 Altitude: 5000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 2 (F2:1, F2:2)

Fixed: 0

Comments: Run from U.S. Naval
Supply Center south to Lovett
Point

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1115 EST
Run: 3 Altitude: 5000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 6 (F1:1, F1:2,
F1:3?)

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 3 of 5

Number of visible markers
 Floating: 11 (F2, Fl:2, Fl:3,
 Fl:4, Fl:5, Fl:6?)
 Fixed: 1

Comments: All floaters to current
time visible in this photo
except Fl:1, which has been missing :
for entire study

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 4 of 5

Number of visible markers
 Floating: 7

 Fixed: 0

Comments: Floater Fl:5 must be
around jetty - all floaters
seen on this run including Fl:1

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 5 of 5

Number of visible markers
Floating: 2

Fixed: 0

Comments: Wind from NE by smoke
from stack at Lovett Point.
Some wind shear

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 1 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Norfolk shore
N of Lambert's Point to west.
STP plume shows strongest flood
current observed during study.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 2 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 3 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments: Oil still coming
from U.S. Naval Supply Center
piers

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 4 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 4 of 6

Number of visible markers
Floating: 1 (F3:2)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 4 Altitude: 3500 ft.
Frame: 6 of 6

Number of visible markers
Floating: 2 (F2:2, F3:2)

Fixed: 0

Comments: Source of F2:2
off edge of frame.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 5 Altitude: 3500 ft.
Frame: 1 of 4

Number of visible markers
Floating: 8 (F2:2?, F2:3,
F2:4?, X, F3:4, F3:3, F3:6)
Fixed: 0

Comments: Run from Portsmouth
shoreline E to Lambert's
Point.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 5 Altitude: 3500ft.
Frame: 2 of 4

Number of visible markers
Floating: 6 (F3:1, F3:6,
 F3:2, F3:3, F3:4, F3:5)
Fixed: 1

Comments: Oil slick dominant feature
of photograph

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 5 Altitude: 3500ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (F3:5)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 5 Altitude 3500 ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



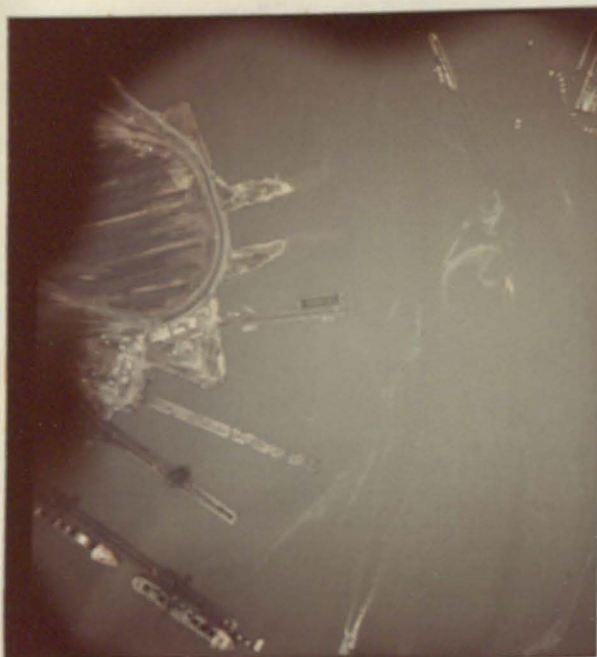
Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500 ft.
Frame: 1 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Lambert's
Point west to Portsmouth
shoreline.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500ft.
Frame: 2 of 6

Number of visible markers
Floating: 0

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500ft.
Frame: 3 of 6

Number of visible markers
Floating: 2 (F3:5, F3:6)

Fixed: 0

Comments: Oil slick indicates
current at surface passing
around jetty.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500ft.
Frame: 4 of 6

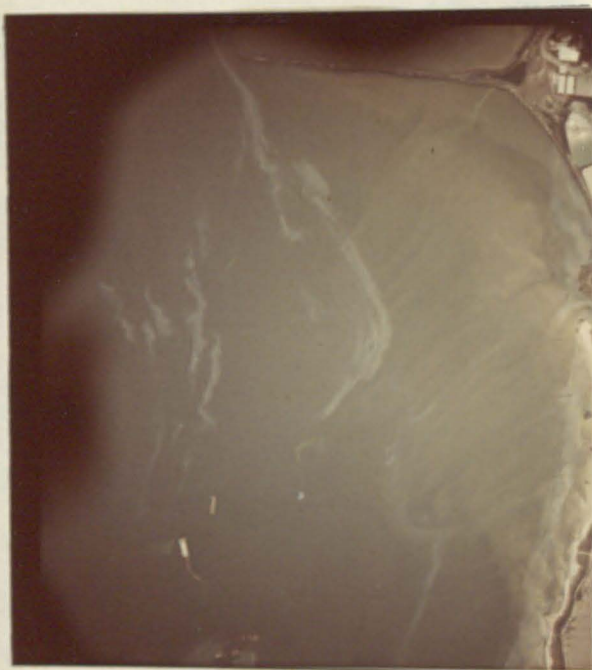
Number of visible markers
Floating: 3 (F3:6, F3:5,
 F3:4)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500ft.
Frame: 5 of 6

Number of visible markers
Floating: 5 (F3:6, F3:4,
 F3:5, F1:4?, X)

Fixed: 0

Comments: Oil slick flooding
 into creek leading to
 Lake Kingman

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1340 EST
Run: 6 Altitude: 3500ft.
Frame: 6 of 6

Number of visible markers
Floating: 5 (same as last
frame)
Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1410 EST
Run: 7 Altitude: 3500ft.
Frame: 1 of 1

Number of visible markers
Floating: 9 (F2:1?, F2:2?,
F3:2?, F3:3?, F3:1?, X, X, X, X)
Fixed: 0

Comments: Study boat not moving.
Oil slick going ashore on
Portsmouth shoreline.
One marker very faint near
shore.
One marker source off edge
of frame.
F2:2 has double source
apparently was counted as 2.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1455 EST
Run: 9 Altitude: 3500 ft.
Frame: 1 of 3

Number of visible markers
Floating: 1(X)

Fixed: 0

Comments: Run towards NW
from Pinner Point to
Lovett Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1455 EST
Run: 9 Altitude: 3500ft.
Frame: 2 of 3

Number of visible markers
Floating: 1(X)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



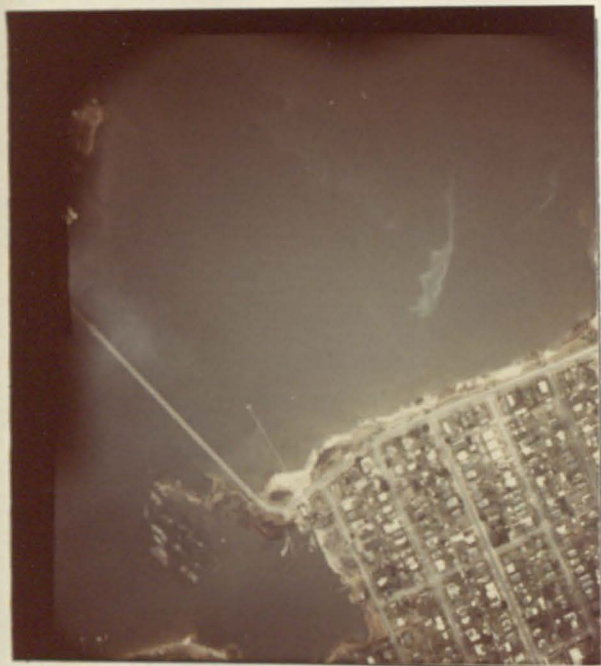
Date: 2/20/75
Time: 1455 EST
Run: 9 Altitude: 3500 ft.
Frame: 3 of 3

Number of visible markers
Floating: 1 (X - against
 jetty)
Fixed: 0

Comments: Wind from N by smoke
 from stack at Lovett Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1455 EST
Run: 9a Altitude: 3500ft.
Frame: 1 of 1

Number of visible markers
Floating: 0

Fixed: 0

Comments: Faint trail identified
 as F2:6 in photographer's
 notes.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1520 EST
Run: 10 Altitude: 3500ft.
Frame: 1 of 4

Number of visible markers
Floating: 8 (F3:1?, F3:3?,
F2:2, F4:6?, X,X,X,X)
Fixed: 0

Comments: Run from Portsmouth
shoreline S of Coast Guard
Base east to Lambert's Point.
Oil slick prominent feature
of photos.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1520 EST
Run: 10 Altitude: 3500ft.
Frame: 2 of 4

Number of visible markers
Floating: 7 (F3:1?, F3:3?, F4:6?,
F3:3?, X,X,X)
Fixed: 1

Comments: Wind from W by tug
stack.
Fixed marker very weak.
1 floater may not be real
in oil slick.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1520 EST
Run: 10 Altitude: 3500 ft.
Frame: 3 of 4

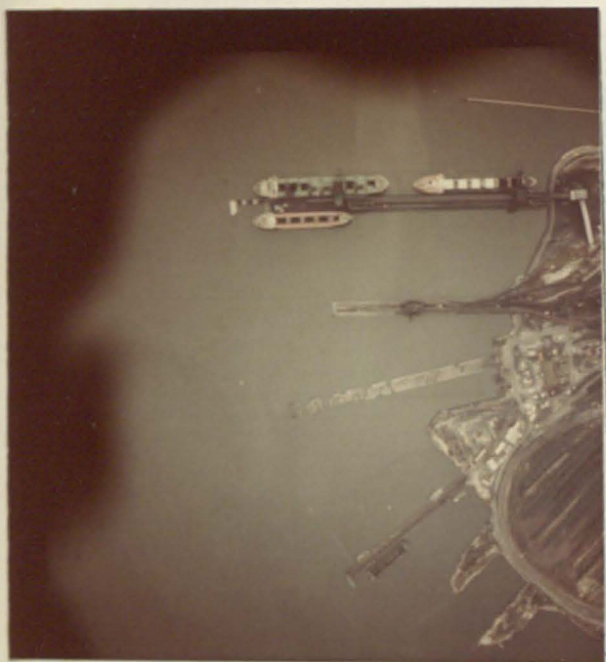
Number of visible markers
Floating: 1 (F4:6)

Fixed: 1

Comments:

Original Film - H.S. Ektachrome (Kodak).

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1520 EST
Run: 10 Altitude: 3500ft.
Frame: 4 of 4

Number of visible markers
Floating: 0

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1520 EST
Run: 11 Altitude: 3500ft.
Frame: 1 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run Lambert's Point
west to Portsmouth shoreline.
Tide still flooding strongly
at Lambert's Point STP outfall.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



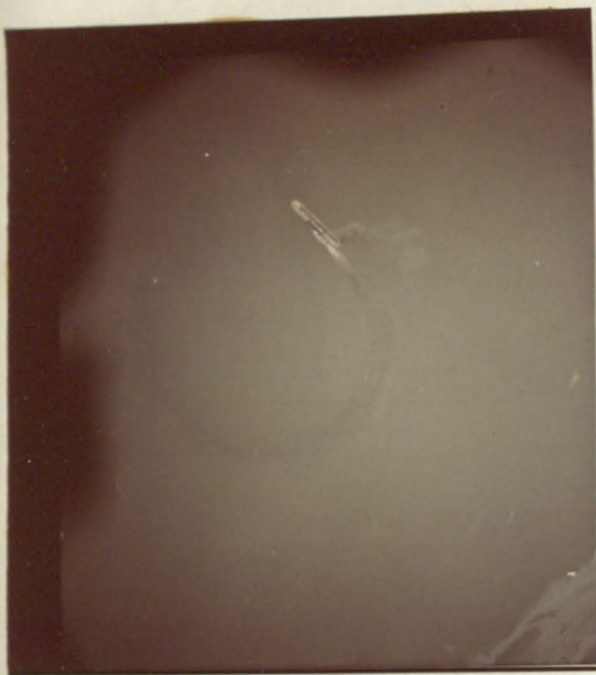
Date: 2/20/75
Time: 1520 EST
Run: 11 Altitude: 3500ft.
Frame: 2 of 5

Number of visible markers
Floating: 0

Fixed: 0

Comments: Wind from east
according to tug's stack!

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1520 EST
Run: 11 Altitude: 3500 ft.
Frame: 3 of 5

Number of visible markers
Floating: 3 (F3:3?, F4:6?,
X)
Fixed: 1

Comments: Captain John Smith
standing by oil slick.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1520 EST
Run: 11 Altitude: 3500ft.
Frame: 4 of 5

Number of visible markers
Floating: 7 (F4:6?, F3:3?,
F3:1?, X, X, X, X)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1520 EST
Run: 11 Altitude: 3500 ft.
Frame: 5 of 5

Number of visible markers
Floating: 8 (F3:3, F3:3,
 X,X,X,X,X,X)
Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1550 EST
Run: 12 Altitude: 3500 ft.
Frame: 1 of 2

Number of visible markers
Floating: 5 (F2:2, F2:1,
 F3:3, X,X,)
Fixed: 0

Comments: Run from C. G. Base
to SE.
Study boat making winds.

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1550 EST
Run: 12 Altitude: 3500 ft.
Frame: 2 of 2

Number of visible markers
Floating: 6 (F4:3, F4:4?,
 X, X, F3:3?, F4:2?, F2:1)
Fixed: 0

Comments: 4 floaters in oil
 slick - one has source off
 frame.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)

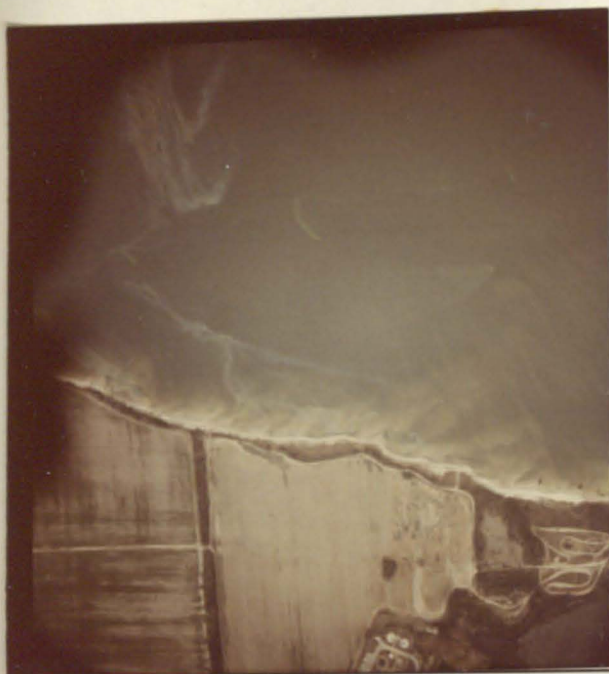


Date: 2/20/75
Time: 1605 EST
Run: 13 Altitude: 3000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 3 (X, X, X)
Fixed: 0

Comments: Run along Portsmouth
 shoreline from S of Coast
 Guard Gase to jetty

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1605 EST
Run: 13 Altitude: 3000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 6 (X,X,X,X,X,X)

Fixed: 0

Comments: Portsmouth STP
outfall shows ebbing current.
Two markers on shore.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/20/75
Time: 1605 EST
Run: 13 Altitude: 3000ft.
Frame: 3 of 4

Number of visible markers
Floating: 4

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/20/75
Time: 1605 EST
Run: 13 Altitude: 3000 ft.
Frame: 4 of 4

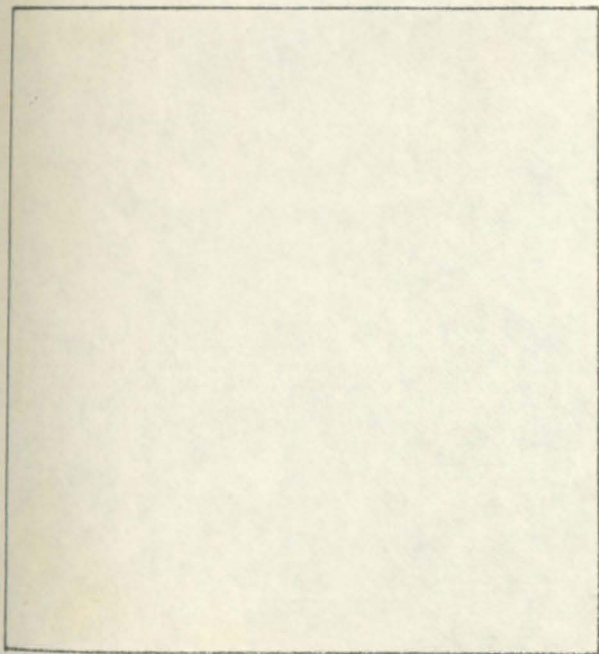
Number of visible markers
Floating: 4 (X,X,X,X)

Fixed: 0

Comments: All markers on shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date:
Time: EST
Run: Altitude: ft.
Frame: of

Number of visible markers
Floating:

Fixed:

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1010 EST
Run: 1 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (Fl:4, Fl:5)

Fixed: 0

Comments: Run from Portsmouth
jetty north to U.S. Naval
Supply Center.
Wind from NE by stack at
Lovett Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1010 EST
Run: 1 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 5 (Fl:2, Fl:3,
Fl:4, Fl:5, Fl:6)
Fixed: 1

Comments: Tide flooding by
Portsmouth STP outfall.
Also by streamer.

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1010 EST
Run: 1 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 6 (all F1)

Fixed: 1

Comments: Highest waves seen
in entire study

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1010 EST
Run: 1 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 4

Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1045 EST
Run: 2 Altitude: 500ft.
Frame: 1 of 4

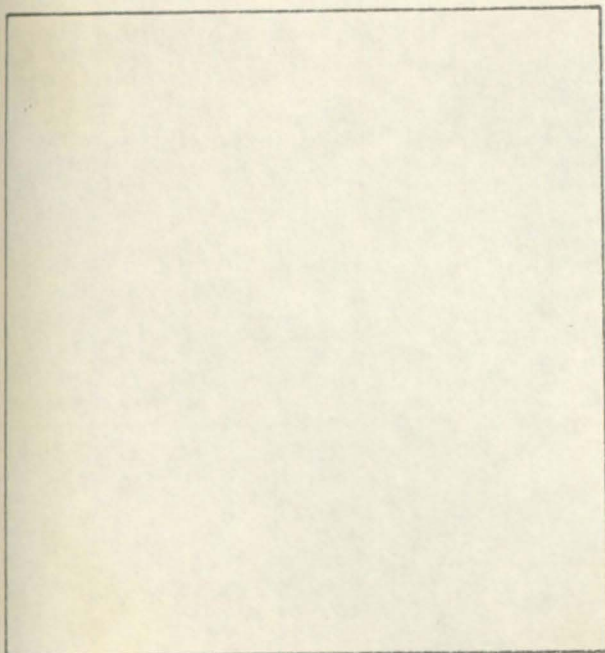
Number of visible markers
Floating: 4

Fixed: 0

Comments: Run from Portsmouth
jetty N to U.S. Naval Supply
Center.
Fl:5 passing jetty.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1045 EST
Run: 2 Altitude: 500ft.
Frame: 2 of 4

Number of visible markers
Floating: 5 (Fl:2, Fl:3,
Fl:4, Fl:5, Fl:6)
Fixed: 1

Comments: Wave diffraction
patterns past jetty

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1045 EST
Run: 2 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 4 (Fl:1, Fl:2,
Fl:3, Fl:6)
Fixed: 1

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1045 EST
Run: 2 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 3 (Fl:1, Fl:2,
Fl:6)
Fixed: 1

Comments: Fl:6 in sun glitter

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1115 EST
Run: 3 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 4 (Fl:3, Fl:4,
Fl:5, Fl:6)
Fixed: 0

Comments: Run from Lovett
Point N to U.S. Naval Supply
Center.
Stack at Lovett Point shows
wind from NE.
Fl:4 aground on jetty.
Fl:5 has passed jetty.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)




Date: 2/21/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 9 (All Fl, F2:4,
F2:5, F2:6)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography




Date: 2/21/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 3 of 4

Number of visible markers
Floating: 10 (all F2, F1:1,
 F1:2, F1:3, F1:6)
Fixed: 1

Comments: 2 markers hidden in
 sun glitter

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1115 EST
Run: 3 Altitude: 5000ft.
Frame: 4 of 4

Number of visible markers
Floating: 5 (F2:1, F2:2,
 F2:3, F2:6, F1:1)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1120 EST
Run: 4 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers
Floating: 10 (all F2, F1:1,
F1:2, F1:3, F1:6)
Fixed: 1

Comments: Run from Portsmouth
shoreline E to Lambert's
Point.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1120 EST
Run: 4 Altitude: 5000 ft.
Frame: 2 of 2

Number of visible markers
Floating: 6 (F1:4, F1:3,
F1:6, F2:4, F2:5, F2:6)
Fixed: 1

Comments: Sun glitter not so
severe

APPENDIX I - Prints of Original Photography



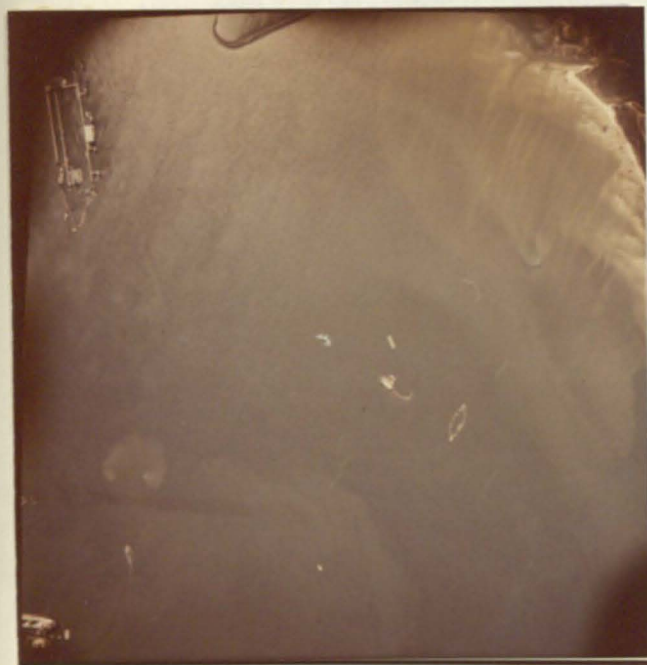
Date: 2/21/75
Time: 1120 EST
Run: 5 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers
Floating: 3 (F3:1, F3:5,
F3:6)
Fixed: 1

Comments: Run from Lambert's
Point SW to Portsmouth
jetty.
Wind from NNE by stack of
ship at Lambert's Point

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1120 EST
Run: 5 Altitude: 5000 ft.
Frame: 2 of 2

Number of visible markers
Floating: 10 (all F2, F1:1,
F1:2, F1:3, F1:6)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1125 EST
Run: 6 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 9 (F1:3, F1:2,
 F1:1, all F2)
Fixed: 1

Comments: 1 Marker hidden in
sun glitter

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1125 EST
Run: 6 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 4 (F2:1, F2:2,
 F2:3, F2:4)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1330 EST
Run: 7 Altitude: 5000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 3 (F2:5, F2:6, X)

Fixed: 0

Comments: Run from Pinner Point
N to U.S. Naval Supply Center.
Sacks at Lovett Point show
wind from NE.
X grounded at base of jetty

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1330 EST
Run: 7 Altitude: 5000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 2 (F2:5, F3:5, X,
X, F3:4, F3:5)

Fixed: 0

Comments: Much dye along N
side of jetty - may have more
markers in it.

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1330 EST
Run: 7 Altitude: 5000 ft.
Frame: 3 of 5

Number of visible markers
Floating: 3 (F3:4, F3:5,
 F3:6)
Fixed: 1

Comments: Jetty washed out
by sun glitter

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1330 EST
Run: 7 Altitude: 5000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 4 (F3:1, F3:2,
 F3:3, F3:6)
Fixed: 1

Comments: Southern part of frame
washed out by sun glitter.

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1330 EST
Run: 7 Altitude: 5000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 2 (F3:1, F3:2)

Fixed: 6

Comments: Sun glitter severe.
STP outfall shows flooding.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1330 EST
Run: X Altitude: 5000 ft.
Frame: 1 of 1

Number of visible markers
Floating: 7 (F3:1, F3:2,
F3:3, F3:6, X,X,X)
Fixed: 1

Comments: Two floaters near or
on shore

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1330 EST
Run: 8 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 4 (F2:5, F2:6,
 X, X,)
Fixed: 0

Comments: Run from Lovett
 Point N to U.S. Naval Supply
 Center

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1330 EST
Run: 8 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 6 (F2:6, F3:4,
 F3:5, X, X, X)
Fixed: 0

Comments: All X's on shore

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1330 EST
Run: 8 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 6 (F3:1, F3:3,
 F3:1, F3:5, X, X)
Fixed: 1

Comments: F3:6 near dredge

Branch of Elizabeth River
and at lower point back
up of it.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1330 EST
Run: 8 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 3 (F3:1, F3:2,
 F3:3)
Fixed: 1

Comments: Severe sun glitter

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1335 EST
Run: 9 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 2 (F3:5, F3:6)

Fixed: 1

Comments: Run up Western
Branch of Elizabeth River.
Wind at Lovett Point stack
out of NE.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1335 EST
Run: 9 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 2 (F2:5, F2:6)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1335 EST
Run: 9 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 1 (Fl:5)

Fixed: 0

Comments: Floater in color
boundary.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1335 EST
Run: 9 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 1 (Fl:5)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1400EST
Run: 10 Altitude:5000ft.
Frame: 1 of 4

Number of visible markers
Floating: 3(F2:6, F3:5, X)

Fixed: 0

Comments: Run from Portsmouth
jetty N to U.S. Naval Supply
Center.
Wind from NE by stack at
Lovett Point

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date:2/21/75
Time: 1400EST
Run: 10 Altitude:5000ft.
Frame: 2 of 4

Number of visible markers
Floating: 4(F3:4, F3:5,
F3:6, X)

Fixed: 0

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1410 EST
Run: 11 Altitude: 5000 ft.
Frame: 1 of 1

Number of visible markers
Floating: 1 (F1:5)

Fixed: 0

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1445 EST
Run: 12 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers
Floating: 1

Fixed: 0

Comments: Run from Western
Branch from Churchland
Bridge.

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1445 EST
Run: 12 Altitude: 5000 ft.
Frame: 2 of 2

Number of visible markers
Floating: 0

Fixed: 0

Comments: Run from Lovett
Point up Western Branch

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1500 EST
Run: 13 Altitude: 5000 ft.
Frame: 1 of 4

Number of visible markers
Floating: 1 (F3:5)

Fixed: 0

Comments: Run from Lovett
Point up Western Branch

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1500 EST
Run: 13 Altitude: 5000 ft.
Frame: 2 of 4

Number of visible markers
Floating: 1 (F3:5)

Fixed: 0

Comments: Wind at Lovett
Point from NE

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1500 EST
Run: 13 Altitude: 5000 ft.
Frame: 3 of 4

Number of visible markers
Floating: 2 (F2:5, F2:6)

Fixed: 0

Comments: Wind at Lovett
Point from NE

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1500 EST
Run: 13 Altitude: 5000 ft.
Frame: 4 of 4

Number of visible markers
Floating: 2 (F2:5, F2:6)

Fixed: 0

Comments: Run from Lovett
Point to U.S. Naval Supply
Station at Lovett Point which
is a pier.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1500 EST
Run: 14 Altitude: 5000 ft.
Frame: 1 of 1

Number of visible markers
Floating: 1 (F1:5)

Fixed: 0

Comments: F1:5 has just passed
beneath Churchland Bridge

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1515 EST
Run: 15 Altitude: 5000 ft.
Frame: 1 of 5

Number of visible markers
Floating: 3 (F3:5, X, X)

Fixed: 0

Comments: Runn from Lovett
Point to U.S. Naval Supply
Center.
Wind at Lovett Point stack
out of NE.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1515 EST
Run: 15 Altitude: 5000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 5 (F3:6, F4:4,
F4:5, X, X)

Fixed: 0

Comments: 2 floaters on shore.
Portsmouth STP started
towards ebbing

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1515 EST
Run: 15 Altitude: 5000 ft.
Frame: 3 of 5

Number of visible markers
Floating: 12 (all F4, X, X,
F3:6, F3:1, X, F3:3)
Fixed: 1

Comments: Streamer headed
towards SW.
Several markers on Portsmouth
beach.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1515 EST
Run: 15 Altitude: 5000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 9 (F4:1, F4:2,
F4:3, F4:6, F3:2, F4:4, F3:3, X, X)
Fixed: 1

Comments: Study boat in photo

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1515 EST
Run: 15 Altitude: 5000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 7 (F4:1 F4:2, F4:3,
F3:2, F3:3, X,X,)
Fixed: 1

Comments:

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1530 EST
Run: 16 Altitude: 5000 ft.
Frame: 1 of 1

Number of visible markers
Floating: 1 (F1:5)
Fixed: 0

Comments: Floater in color
boundary from other side
of river

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1600 EST
Run: 17 Altitude: 5000 ft.
Frame: 1 of 1

Number of visible markers

Floating: 0

Fixed: 0

Comments: Photographer's
notes record Fl:1 as faint

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1610 EST
Run: 18 Altitude: 5000 ft.
Frame: 1 of 2

Number of visible markers

Floating: 1 (F3:5)

Fixed: 0

Comments: Run discontinuous
up Western Branch.

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1610EST
Run: 18 Altitude:5000ft.
Frame: 2 of 2

Number of visible markers
Floating: 2 (F2:5, F2:6)

Fixed: 0

Comments: 2 markers on shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1615EST
Run: 19 Altitude:5000ft.
Frame: 1 of 5

Number of visible markers
Floating: 4 (F4:5, X, F3:5,
X)

Fixed: 0

Comments: Run from Pinner
Point N to U.S. Naval Supply
Center.

Wind from ENE.

2 floaters on shore of jetty

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1615 EST
Run: 19 Altitude: 5000 ft.
Frame: 2 of 5

Number of visible markers
Floating: 4 (F4:4, X,
F4:5, X)
Fixed: 0

Comments: 2 markers on shore

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1615 EST
Run: 19 Altitude: 5000 ft.
Frame: 3 of 5

Number of visible markers
Floating: 8 (F4:L, F4:2,
F4:5, X,X,X,X,F4:3)
Fixed: 1

Comments:

APPENDIX I - Prints of Original Photography



Date: 2/21/75
Time: 1615EST
Run: 19 Altitude:5000 ft.
Frame: 4 of 5

Number of visible markers
Floating: 6 (F4:1, F4:2,
F4:3, F4:4, X, X,)
Fixed: 1

Comments: Another oil spill
(Dark oil?) from U.S.
Naval Supply Center.

Original Film - H.S. Ektachrome (Kodak)

Copy Film - Ektacolor CPS (Kodak)



Date: 2/21/75
Time: 1615EST
Run: 19 Altitude:5000 ft.
Frame: 5 of 5

Number of visible markers
Floating: 5 (F4:1, F4:2,
F4:3, X,X)
Fixed: 1

Comments: Last frame of study