Control for Beavertail

National Geodetic Survey Data Explorer

National Geodetic Survey

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Map Layers

Horizontal

- ☑ ★ CORS
- ☑ ▲ GPS Sites
- ☑ △ Classical Horizontal

Vertical

- ☑ ● Vertical Control
- ☑ ○ Approximate Heights

Find Marks | Clear Marks

Location radius 5 Miles

Mark Center | Clear X

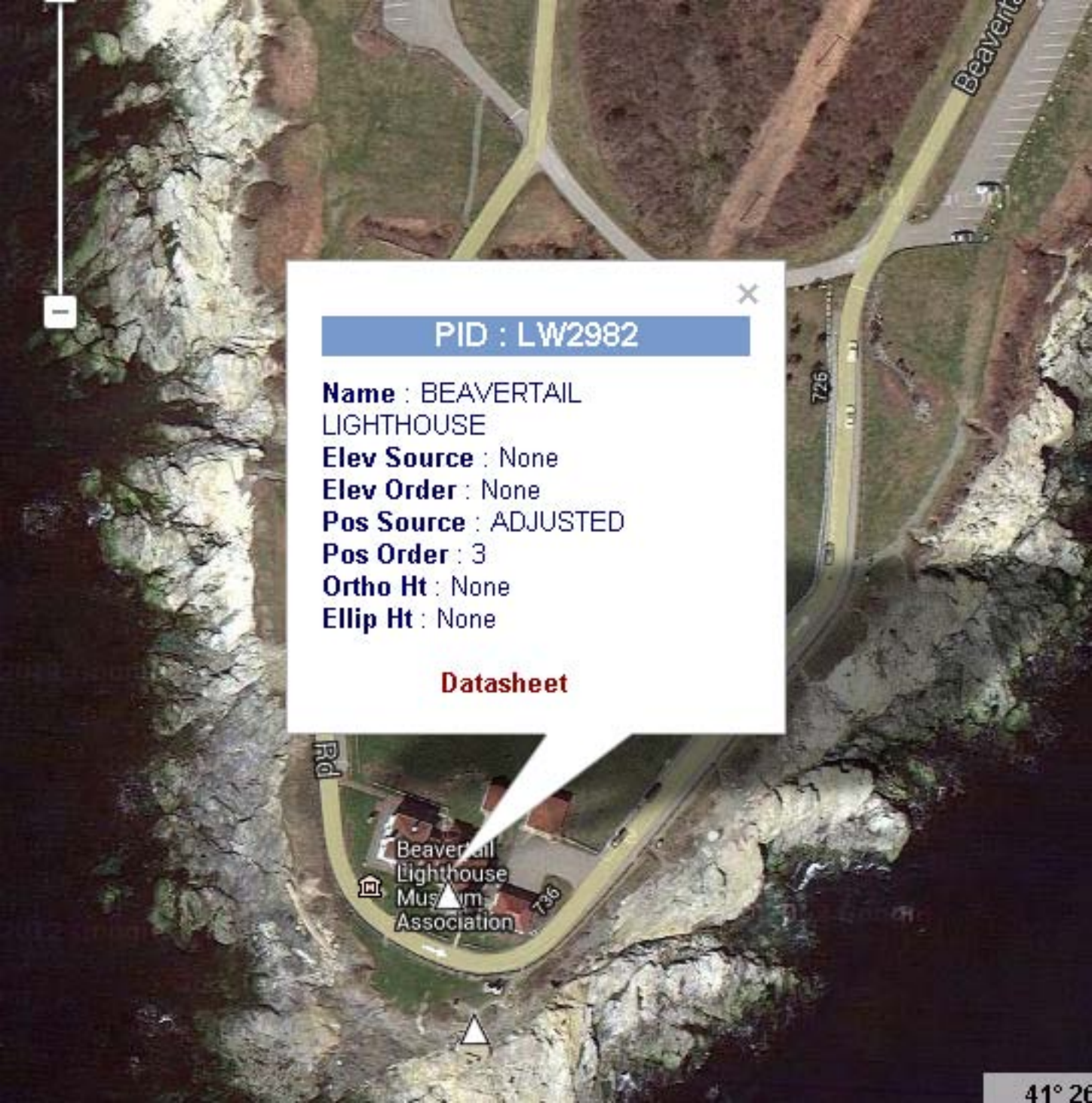
Go To Location

PID : LW2981

Name : BEAVER
Elev Source : SCALED
Elev Order : None
Pos Source : ADJUSTED
Pos Order : 2
Ortho Ht : 10.
Ellip Ht : None

Datasheet

Show/Hide Legend


PID : LW2982
Name : BEAVERTAIL LIGHTHOUSE
Elev Source : None
Elev Order : None
Pos Source : ADJUSTED
Pos Order : 3
Ortho Ht : None
Ellip Ht : None
Datasheet
Rd
Lighthouse
Association
726
41° 26

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2982 ***********************************************************************
 LW2982  DESIGNATION -  BEAVERTAIL LIGHTHOUSE
 LW2982  PID         -  LW2982
 LW2982  STATE/COUNTY-  RI/NEWPORT
 LW2982  COUNTRY     -  US
 LW2982  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW2982
 LW2982                        *CURRENT SURVEY CONTROL
 LW2982  ______________________________________________________________________
 LW2982* NAD 83(1996) POSITION- 41 26 57.71353(N) 071 23 57.89629(W)   ADJUSTED
 LW2982* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2982  ______________________________________________________________________
 LW2982  LAPLACE CORR    -          2.46  (seconds)                    DEFLEC12A
 LW2982  GEOID HEIGHT    -        -30.19  (meters)                     GEOID12A
 LW2982  HORZ ORDER      -  THIRD
 LW2982
 LW2982.The horizontal coordinates were established by classical geodetic methods
 LW2982.and adjusted by the National Geodetic Survey in August 1998.
 LW2982.
 LW2982.Photographs are available for this station.
 LW2982
 LW2982.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2982
 LW2982. The following values were computed from the NAD 83(1996) position.
 LW2982
 LW2982;                    North         East     Units Scale Factor Converg.
 LW2982;SPC RI       -    40,655.748   108,404.896   MT  0.99999462   +0 03 59.7
 LW2982;SPC RI       -   133,384.73    355,658.40   sFT  0.99999462   +0 03 59.7
 LW2982;UTM  19      - 4,591,421.666   299,574.860   MT  1.00009438   -1 35 19.8
 LW2982
 LW2982                          SUPERSEDED SURVEY CONTROL
 LW2982
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```
LW2982  NAD 83(1996)-  41 26 57.71294(N)    071 23 57.89534(W) AD(       ) 3
LW2982  NAD 83(1992)-  41 26 57.71203(N)    071 23 57.89564(W) AD(       ) 3
LW2982  NAD 83(1992)-  41 26 57.71128(N)    071 23 57.89528(W) AD(       ) 3
LW2982  NAD 83(1986)-  41 26 57.71134(N)    071 23 57.89310(W) AD(       ) 3
LW2982  NAD 27      -  41 26 57.34834(N)    071 23 59.69276(W) AD(       ) 3
LW2982  USSD        -  41 26 57.89500(N)    071 23 59.57400(W) AD(       ) 3
LW2982
LW2982.Superseded values are not recommended for survey control.
LW2982
LW2982.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2982.See file dsdata.txt to determine how the superseded data were derived.
LW2982
LW2982_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9957491421(NAD 83)
LW2982
LW2982_MARKER: 13 = LIGHTHOUSE
LW2982_MARK LOGO: CGS
LW2982_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
LW2982+SATELLITE: SATELLITE OBSERVATIONS - September 24, 2009
LW2982
LW2982  HISTORY     - Date     Condition        Report By
LW2982  HISTORY     - 1869     FIRST OBSERVED   COASUR
LW2982  HISTORY     - 1892     GOOD             CGS
LW2982  HISTORY     - 1940     GOOD             CGS
LW2982  HISTORY     - 1962     GOOD             CGS
LW2982  HISTORY     - 1988     GOOD             USPSQD
LW2982  HISTORY     - 19890707 GOOD             RIGS
LW2982  HISTORY     - 20020830 GOOD             USPSQD
LW2982  HISTORY     - 20041222 GOOD             USPSQD
LW2982  HISTORY     - 20090924 GOOD             GEOCAC
LW2982  HISTORY     - 20130705 GOOD             GEOCAC
LW2982
LW2982                          STATION DESCRIPTION
LW2982
LW2982'DESCRIBED BY COAST AND GEODETIC SURVEY 1892
LW2982'STATION IS ON THE S POINT OF CONANICUT ISLAND BETWEEN THE E AND W
LW2982'ENTRANCES TO NARRAGANSETT BAY.  A SQUARE, GRANITE TOWER, UPPER
LW2982'HALF WHITE, ATTACHED TO WHITE DWELLING.
LW2982
LW2982                          STATION RECOVERY (1940)
LW2982
LW2982'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1940 (PLB)
LW2982'THIS IS THE LIGHTHOUSE ON THE SOUTH POINT OF CONANICUT ISLAND.
LW2982'IT IS A SQUARE GRANITE TOWER, UPPER HALF WHITE, ATTACHED TO A
```

LW2982'WHITE DWELLING. THE LIGHT IS 64 FEET ABOVE THE WATER. THE FINIAL
LW2982'OVER THE LIGHT WAS OBSERVED UPON.
LW2982'
LW2982'THIS IS AN INTERSECTION STATION.
LW2982
LW2982   STATION RECOVERY (1962)
LW2982
LW2982'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962 (JKW)
LW2982'THE STATION WAS RECOVERED IN GOOD CONDITION. THE RECOVEREY NOTE
LW2982'BY P.L.B. IN 1940 IS ADEQUATE.
LW2982
LW2982   STATION RECOVERY (1988)
LW2982
LW2982'RECOVERY NOTE BY US POWER SQUADRON 1988 (AFA)
LW2982'RECOVERED IN GOOD CONDITION.
LW2982
LW2982   STATION RECOVERY (1989)
LW2982
LW2982'RECOVERY NOTE BY RHODE ISLAND GEODETIC SURVEY 1989
LW2982'THIS IS THE LIGHTHOUSE ON THE SOUTH POINT OF CONANICUT ISLAND.
LW2982'IT IS A SQUARE GRANITE TOWER, UPPER HALF WHITE, ATTACHED TO A
LW2982'WHITE DWELLING. THE LIGHT IS 64 FEET ABOVE THE WATER. THE FINIAL
LW2982'OVER THE LIGHT WAS OBSERVED UPON.
LW2982
LW2982   STATION RECOVERY (2002)
LW2982
LW2982'RECOVERY NOTE BY US POWER SQUADRON 2002 (KM)
LW2982'RECOVERED IN GOOD CONDITION.
LW2982
LW2982   STATION RECOVERY (2004)
LW2982
LW2982'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW2982'RECOVERED IN GOOD CONDITION.
LW2982
LW2982   STATION RECOVERY (2009)
LW2982
LW2982'RECOVERY NOTE BY GEOCACHING 2009 (RLM)
LW2982'RECOVERED IN GOOD CONDITION.
LW2982'
LW2982'
LW2982
LW2982   STATION RECOVERY (2013)
LW2982

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LW2982'RECOVERY NOTE BY GEOCACHING 2013 (CDH)
LW2982'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:02
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The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2865 ***********************************************************************
 LW2865  DESIGNATION -  WEST TOWER
 LW2865  PID         -  LW2865
 LW2865  STATE/COUNTY-  RI/NEWPORT
 LW2865  COUNTRY     -  US
 LW2865  USGS QUAD   -  NEWPORT (1975)
 LW2865
 LW2865                        *CURRENT SURVEY CONTROL
 LW2865  ______________________________________________________________________
 LW2865* NAD 83(1996) POSITION- 41 27 05.47912(N) 071 21 21.38477(W)   ADJUSTED
 LW2865* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2865  ______________________________________________________________________
 LW2865  LAPLACE CORR    -          2.36  (seconds)                    DEFLEC12A
 LW2865  GEOID HEIGHT    -        -30.14  (meters)                     GEOID12A
 LW2865  HORZ ORDER      -  THIRD
 LW2865
 LW2865.The horizontal coordinates were established by classical geodetic methods
 LW2865.and adjusted by the National Geodetic Survey in August 1998.
 LW2865.
 LW2865.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2865
 LW2865. The following values were computed from the NAD 83(1996) position.
 LW2865
 LW2865;                    North         East     Units Scale Factor Converg.
 LW2865;SPC RI       -    40,900.455   112,037.332   MT  0.99999553   +0 05 43.3
 LW2865;SPC RI       -   134,187.58    367,575.81   sFT  0.99999553   +0 05 43.3
 LW2865;UTM  19      - 4,591,561.346   303,213.179   MT  1.00007659   -1 33 36.4
 LW2865
 LW2865                          SUPERSEDED SURVEY CONTROL
 LW2865
 LW2865  NAD 83(1996)-  41 27 05.47867(N)    071 21 21.38385(W) AD(       ) 3
 LW2865  NAD 83(1992)-  41 27 05.47759(N)    071 21 21.38417(W) AD(       ) 3
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LW2865  NAD 83(1992)-  41 27 05.47692(N)    071 21 21.38370(W) AD(       ) 3
LW2865  NAD 83(1986)-  41 27 05.47687(N)    071 21 21.38144(W) AD(       ) 3
LW2865  NAD 27      -  41 27 05.10300(N)    071 21 23.19000(W) AD(       ) 3
LW2865
LW2865.Superseded values are not recommended for survey control.
LW2865
LW2865.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2865.See file dsdata.txt to determine how the superseded data were derived.
LW2865
LW2865_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TCF0321391561(NAD 83)
LW2865
LW2865_MARKER: 82 = FINIAL
LW2865_SETTING: 0 = UNSPECIFIED SETTING
LW2865
LW2865  HISTORY     - Date     Condition        Report By
LW2865  HISTORY     - 1943     FIRST OBSERVED   CGS
LW2865
LW2865                          STATION DESCRIPTION
LW2865
LW2865'DESCRIBED BY COAST AND GEODETIC SURVEY 1943 (BHR)
LW2865'STATION IS ON THE SW PART OF THE ISLAND OF AQUIDNECK, R.I..  THE
LW2865'FINIAL OF THE W OF TWO WOODEN ELEVATED OBSERVATION TOWERS ON
LW2865'BRENTON POINT.  THE TOWERS ARE APPROXIMATELY 100 FEET HIGH.

*** retrieval complete.
Elapsed Time = 00:00:08
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The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2846 ***********************************************************************
 LW2846  DESIGNATION -  TOWER 9
 LW2846  PID         -  LW2846
 LW2846  STATE/COUNTY-  RI/NEWPORT
 LW2846  COUNTRY     -  US
 LW2846  USGS QUAD   -  NEWPORT (1975)
 LW2846
 LW2846                        *CURRENT SURVEY CONTROL
 LW2846  ______________________________________________________________________
 LW2846* NAD 83(1996) POSITION- 41 27 01.87414(N) 071 21 08.80985(W)   ADJUSTED
 LW2846* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2846  ______________________________________________________________________
 LW2846  LAPLACE CORR    -          2.32  (seconds)                    DEFLEC12A
 LW2846  GEOID HEIGHT    -        -30.13  (meters)                     GEOID12A
 LW2846  HORZ ORDER      -  THIRD
 LW2846
 LW2846.The horizontal coordinates were established by classical geodetic methods
 LW2846.and adjusted by the National Geodetic Survey in August 1998.
 LW2846.
 LW2846.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2846
 LW2846. The following values were computed from the NAD 83(1996) position.
 LW2846
 LW2846;                    North         East     Units Scale Factor Converg.
 LW2846;SPC RI       -    40,789.731   112,329.393   MT  0.99999562   +0 05 51.6
 LW2846;SPC RI       -   133,824.31    368,534.02   sFT  0.99999562   +0 05 51.6
 LW2846;UTM  19      - 4,591,442.222   303,501.942   MT  1.00007519   -1 33 27.9
 LW2846
 LW2846                          SUPERSEDED SURVEY CONTROL
 LW2846
 LW2846  NAD 83(1996)-  41 27 01.87369(N)    071 21 08.80892(W) AD(       ) 3
 LW2846  NAD 83(1992)-  41 27 01.87259(N)    071 21 08.80925(W) AD(       ) 3
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LW2846  NAD 83(1992)-  41 27 01.87195(N)    071 21 08.80878(W) AD(       ) 3
LW2846  NAD 83(1986)-  41 27 01.87191(N)    071 21 08.80659(W) AD(       ) 3
LW2846  NAD 27      -  41 27 01.50500(N)    071 21 10.60900(W) AD(       ) 3
LW2846
LW2846.Superseded values are not recommended for survey control.
LW2846
LW2846.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2846.See file dsdata.txt to determine how the superseded data were derived.
LW2846
LW2846_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TCF0350191442(NAD 83)
LW2846
LW2846_MARKER: 55 = TOWER
LW2846_SETTING: 0 = UNSPECIFIED SETTING
LW2846
LW2846  HISTORY     - Date     Condition        Report By
LW2846  HISTORY     - 1943     FIRST OBSERVED   CGS
LW2846
LW2846                          STATION DESCRIPTION
LW2846
LW2846'DESCRIBED BY COAST AND GEODETIC SURVEY 1943 (FN)
LW2846'STATION IS THE SE ONE OF TWO 100-FT. STEEL DETECTION TOWERS AT
LW2846'BRENTON POINT, NARRAGANSETT BAY.  IT WAS LOCATED BY INTERSECTION.

*** retrieval complete.
Elapsed Time = 00:00:06
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The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2958 ***********************************************************************
 LW2958  DESIGNATION -  WHALE ROCK BEACON
 LW2958  PID         -  LW2958
 LW2958  STATE/COUNTY-  RI/WASHINGTON
 LW2958  COUNTRY     -  US
 LW2958  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW2958
 LW2958                        *CURRENT SURVEY CONTROL
 LW2958  ______________________________________________________________________
 LW2958* NAD 83(1996) POSITION- 41 26 39.95940(N) 071 25 25.25467(W)   ADJUSTED
 LW2958* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2958  ______________________________________________________________________
 LW2958  LAPLACE CORR    -          2.20  (seconds)                    DEFLEC12A
 LW2958  GEOID HEIGHT    -        -30.22  (meters)                     GEOID12A
 LW2958  HORZ ORDER      -  THIRD
 LW2958
 LW2958.The horizontal coordinates were established by classical geodetic methods
 LW2958.and adjusted by the National Geodetic Survey in August 1998.
 LW2958.
 LW2958.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2958
 LW2958. The following values were computed from the NAD 83(1996) position.
 LW2958
 LW2958;                    North         East     Units Scale Factor Converg.
 LW2958;SPC RI       -    40,105.952   106,377.677   MT  0.99999425   +0 03 01.9
 LW2958;SPC RI       -   131,580.94    349,007.43   sFT  0.99999425   +0 03 01.9
 LW2958;UTM  19      - 4,590,930.609   297,532.391   MT  1.00010451   -1 36 17.1
 LW2958
 LW2958                          SUPERSEDED SURVEY CONTROL
 LW2958
 LW2958  NAD 83(1996)-  41 26 39.95876(N)     071 25 25.25368(W) AD(       ) 3
 LW2958  NAD 83(1992)-  41 26 39.95792(N)     071 25 25.25401(W) AD(       ) 3
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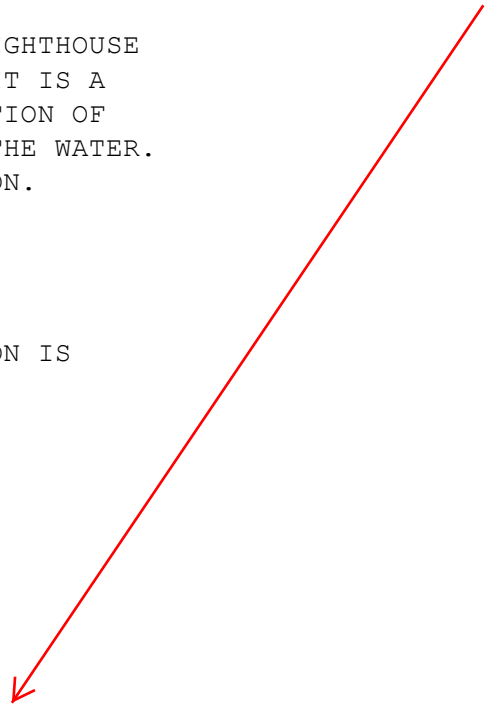
LW2958  NAD 83(1992)-  41 26 39.95713(N)    071 25 25.25367(W) AD(       ) 3
LW2958  NAD 83(1986)-  41 26 39.95708(N)    071 25 25.25226(W) AD(       ) 3
LW2958  NAD 27      -  41 26 39.58836(N)    071 25 27.05079(W) AD(       ) 3
LW2958
LW2958.Superseded values are not recommended for survey control.
LW2958
LW2958.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2958.See file dsdata.txt to determine how the superseded data were derived.
LW2958
LW2958_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9753290930(NAD 83)
LW2958
LW2958_MARKER: 14 = NAVIGATION LIGHT
LW2958
LW2958  HISTORY     - Date     Condition        Report By
LW2958  HISTORY     - 1940     FIRST OBSERVED   CGS
LW2958  HISTORY     - 1954     GOOD             CGS
LW2958  HISTORY     - 19941001 MARK NOT FOUND   USPSQD
LW2958  HISTORY     - 20010807 MARK NOT FOUND   USPSQD
LW2958
LW2958                          STATION DESCRIPTION
LW2958
LW2958'DESCRIBED BY COAST AND GEODETIC SURVEY 1940 (PLB)
LW2958'THIS IS A NEW BEACON ON THE SITE OF THE OLD WHALE ROCK LIGHTHOUSE
LW2958'AT THE MOUTH OF THE W PASSAGE OF THE NARRAGANSETT BAY.  IT IS A
LW2958'SKELETON STEEL FRAMEWORK ON THE CYLINDRICAL STONE FOUNDATION OF
LW2958'THE OLD LIGHTHOUSE.  IT IS PROBABLY ABOUT 30 FEET ABOVE THE WATER.
LW2958'THE GREEN LIGHT ATOP THE STEEL FRAMEWORK WAS OBSERVED UPON.
LW2958
LW2958                          STATION RECOVERY (1954)
LW2958
LW2958'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1954 (LFW)
LW2958'STATION RECOVERED IN GOOD CONDITION.  THE 1940 DESCRIPTION IS
LW2958'ADEQUATE AND COMPLETE.
LW2958
LW2958                          STATION RECOVERY (1994)
LW2958
LW2958'RECOVERY NOTE BY US POWER SQUADRON 1994
LW2958'MARK NOT FOUND.
LW2958
LW2958                          STATION RECOVERY (2001)
LW2958
LW2958'RECOVERY NOTE BY US POWER SQUADRON 2001 (RMS)
LW2958'THERE IS NO BEACON ON WHALE ROCK. THERE IS ONLY THE REMNANTS OF A
```



LW2958'LIGHTHOUSE THAT WAS DESTROYED BY THE 1938 HURRICANE.

*** retrieval complete.
Elapsed Time = 00:00:01

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2992 ***********************************************************************
 LW2992  DESIGNATION -  BRENTON REEF LIGHT
 LW2992  PID         -  LW2992
 LW2992  STATE/COUNTY-  RI/WASHINGTON
 LW2992  COUNTRY     -  US
 LW2992  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW2992
 LW2992                        *CURRENT SURVEY CONTROL
 LW2992  ______________________________________________________________________
 LW2992* NAD 83(1996) POSITION- 41 25 35.44365(N) 071 23 20.15341(W)   NO CHECK
 LW2992* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2992  ______________________________________________________________________
 LW2992  LAPLACE CORR    -          2.19  (seconds)                    DEFLEC12A
 LW2992  GEOID HEIGHT    -        -30.22  (meters)                     GEOID12A
 LW2992  HORZ ORDER      -  THIRD
 LW2992
 LW2992.The horizontal coordinates were established by classical geodetic methods
 LW2992.and adjusted by the National Geodetic Survey in August 1998.
 LW2992.
 LW2992.No horizontal observational check was made to the station.
 LW2992.
 LW2992.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2992
 LW2992. The following values were computed from the NAD 83(1996) position.
 LW2992
 LW2992;                    North         East     Units Scale Factor Converg.
 LW2992;SPC RI       -    38,118.754   109,284.213   MT  0.99999481   +0 04 24.6
 LW2992;SPC RI       -   125,061.28    358,543.29   sFT  0.99999481   +0 04 24.6
 LW2992;UTM  19      - 4,588,860.084   300,380.616   MT  1.00009041   -1 34 52.2
 LW2992
 LW2992                          SUPERSEDED SURVEY CONTROL
 LW2992
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```
LW2992  NAD 83(1996)-  41 25 35.44308(N)    071 23 20.15233(W) AD(       ) 3
LW2992  NAD 83(1992)-  41 25 35.44215(N)    071 23 20.15281(W) AD(       ) 3
LW2992  NAD 83(1992)-  41 25 35.44137(N)    071 23 20.15232(W) AD(       ) 3
LW2992  NAD 83(1986)-  41 25 35.44112(N)    071 23 20.15030(W) AD(       ) 3
LW2992  NAD 27      -  41 25 35.07100(N)    071 23 21.97000(W) AD(       ) 3
LW2992
LW2992.Superseded values are not recommended for survey control.
LW2992
LW2992.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2992.See file dsdata.txt to determine how the superseded data were derived.
LW2992
LW2992_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TCF0038088860(NAD 83)
LW2992
LW2992_MARKER: 14 = NAVIGATION LIGHT
LW2992
LW2992  HISTORY     - Date     Condition        Report By
LW2992  HISTORY     - 1962     FIRST OBSERVED   CGS
LW2992  HISTORY     - 19941001 MARK NOT FOUND   USPSQD
LW2992  HISTORY     - 20010807 MARK NOT FOUND   USPSQD
LW2992
LW2992                          STATION DESCRIPTION
LW2992
LW2992'DESCRIBED BY COAST AND GEODETIC SURVEY 1962 (JKW)
LW2992'THE STATION IS LOCATED NEAR BRENTON REEF ABOUT 6 MILES NORTHEAST
LW2992'OF POINT JUDITH LIGHTHOUSE AND ABOUT 1.8 MILES SOUTH OF BEAVERTAIL
LW2992'LIGHTHOUSE.  THE STATION IS THE LIGHT ATOP A SQUARE SUPER
LW2992'STRUCTURE ON BLACK STEEL PILES, ABOUT 80.0 FEET ABOVE THE WATER.
LW2992
LW2992                          STATION RECOVERY (1994)
LW2992
LW2992'RECOVERY NOTE BY US POWER SQUADRON 1994
LW2992'MARK NOT FOUND.
LW2992
LW2992                          STATION RECOVERY (2001)
LW2992
LW2992'RECOVERY NOTE BY US POWER SQUADRON 2001 (RMS)
LW2992'DISMANTLED IN 1996.

*** retrieval complete.
Elapsed Time = 00:00:06
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PID : LW0641
Name : BEAVERTAIL RM 2
Elev Source : ADJUSTED
Elev Order : 2
Pos Source : HD_HELD1
Pos Order : None
Ortho Ht : 11.265
Ellip Ht : None
Datasheet
Beavertail Rd
Beavertail Rd
726
736
Beavertail Lighthouse Museum Association

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW0641 ***********************************************************************
 LW0641  DESIGNATION -  BEAVERTAIL RM 2
 LW0641  PID         -  LW0641
 LW0641  STATE/COUNTY-  RI/NEWPORT
 LW0641  COUNTRY     -  US
 LW0641  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW0641
 LW0641                        *CURRENT SURVEY CONTROL
 LW0641  ______________________________________________________________________
 LW0641* NAD 83(1986) POSITION- 41 27 02.02   (N) 071 23 56.18   (W)   HD_HELD1
 LW0641* NAVD 88 ORTHO HEIGHT -    11.265  (meters)      36.96  (feet) ADJUSTED
 LW0641  ______________________________________________________________________
 LW0641  GEOID HEIGHT    -        -30.19  (meters)                     GEOID12A
 LW0641  DYNAMIC HEIGHT  -         11.262 (meters)       36.95  (feet) COMP
 LW0641  MODELED GRAVITY -    980,286.3   (mgal)                       NAVD 88
 LW0641
 LW0641  VERT ORDER      -  SECOND    CLASS 0
 LW0641
 LW0641.The horizontal coordinates were determined by differentially corrected
 LW0641.hand held GPS observations or other comparable positioning techniques
 LW0641.and have an estimated accuracy of +/- 3 meters.
 LW0641.
 LW0641.The orthometric height was determined by differential leveling and
 LW0641.adjusted by the NATIONAL GEODETIC SURVEY
 LW0641.in June 1991.
 LW0641
 LW0641.The dynamic height is computed by dividing the NAVD 88
 LW0641.geopotential number by the normal gravity value computed on the
 LW0641.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 LW0641.degrees latitude (g = 980.6199 gals.).
 LW0641
 LW0641.The modeled gravity was interpolated from observed gravity values.
```

```
LW0641
LW0641;                      North         East     Units  Estimated Accuracy
LW0641;SPC RI        -    40,788.7     108,444.6     MT  (+/- 3 meters HH1 GPS)
LW0641
LW0641                           SUPERSEDED SURVEY CONTROL
LW0641
LW0641  NGVD 29 (??/??/92)   11.539  (m)            37.86   (f) ADJ UNCH    2 0
LW0641
LW0641.Superseded values are not recommended for survey control.
LW0641
LW0641.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW0641.See file dsdata.txt to determine how the superseded data were derived.
LW0641
LW0641_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9961891553(NAD 83)
LW0641
LW0641_MARKER: DR = REFERENCE MARK DISK
LW0641_SETTING: 80 = SET IN A BOULDER
LW0641_SP_SET: BOULDER
LW0641_STAMPING: BEAVERTAIL NO 2 1940
LW0641_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
LW0641+STABILITY: SURFACE MOTION
LW0641_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
LW0641+SATELLITE: SATELLITE OBSERVATIONS - December 22, 2004
LW0641
LW0641  HISTORY     - Date     Condition        Report By
LW0641  HISTORY     - 1940     MONUMENTED       CGS
LW0641  HISTORY     - 1969     GOOD             CGS
LW0641  HISTORY     - 20041222 GOOD             USPSQD
LW0641
LW0641                           STATION DESCRIPTION
LW0641
LW0641'DESCRIBED BY COAST AND GEODETIC SURVEY 1969
LW0641'3.6 MI SW FROM JAMESTOWN.
LW0641'3.65 MILES SOUTHWEST ALONG SOUTHWEST AVENUE AND BEAVERTAIL ROAD
LW0641'FROM THE POST OFFICE AT JAMESTOWN, SET ON THE TOP AND 2 FEET
LW0641'EAST OF THE WEST END OF A 7-BY-2 1/2-FEET EXPOSED BURIED BOULDER
LW0641'WHICH PROJECTS 1 1/2 FEET ABOVE THE LEVEL OF THE GROUND, ABOUT
LW0641'150 YARDS NORTH OF THE BEAVERTAIL LIGHTHOUSE, 53 FEET NORTHWEST
LW0641'OF THE 3 RD POWER LINE POLE NORTH OF THE LIGHTHOUSE, 28 FEET
LW0641'SOUTH OF THE CENTER LINE OF AN EAST-WEST ROAD, 8 FEET NORTH OF
LW0641'THE NORTH SIDE OF A STONE FENCE, 48.4 FEET NORTHWEST OF THE
LW0641'STATION MARK DESCRIBED AND 2 FEET ABOVE THE LEVEL OF THE ROAD.
LW0641
```

LW0641 STATION RECOVERY (2004)
LW0641
LW0641'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW0641'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:09

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2892 ***********************************************************************
 LW2892  DESIGNATION -  CASTLE HILL LIGHTHOUSE
 LW2892  PID         -  LW2892
 LW2892  STATE/COUNTY-  RI/NEWPORT
 LW2892  COUNTRY     -  US
 LW2892  USGS QUAD   -  NEWPORT (1975)
 LW2892
 LW2892                        *CURRENT SURVEY CONTROL
 LW2892  ______________________________________________________________________
 LW2892* NAD 83(1996) POSITION- 41 27 43.69886(N) 071 21 46.44775(W)   ADJUSTED
 LW2892* NAVD 88 ORTHO HEIGHT -          **(meters)           **(feet)
 LW2892  ______________________________________________________________________
 LW2892  LAPLACE CORR    -          2.49  (seconds)                    DEFLEC12A
 LW2892  GEOID HEIGHT    -        -30.12  (meters)                     GEOID12A
 LW2892  HORZ ORDER      -  THIRD
 LW2892
 LW2892.The horizontal coordinates were established by classical geodetic methods
 LW2892.and adjusted by the National Geodetic Survey in August 1998.
 LW2892.
 LW2892.Photographs are available for this station.
 LW2892
 LW2892.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2892
 LW2892. The following values were computed from the NAD 83(1996) position.
 LW2892
 LW2892;                    North         East     Units Scale Factor Converg.
 LW2892;SPC RI       -    42,078.611   111,453.739   MT  0.99999536   +0 05 26.8
 LW2892;SPC RI       -   138,052.91    365,661.14   sFT  0.99999536   +0 05 26.8
 LW2892;UTM  19      - 4,592,755.971   302,663.824   MT  1.00007925   -1 33 54.1
 LW2892
 LW2892                          SUPERSEDED SURVEY CONTROL
 LW2892
```

```
LW2892  NAD 83(1996)-  41 27 43.69837(N)    071 21 46.44687(W) AD(       ) 3
LW2892  NAD 83(1992)-  41 27 43.69730(N)    071 21 46.44711(W) AD(       ) 3
LW2892  NAD 83(1992)-  41 27 43.69666(N)    071 21 46.44669(W) AD(       ) 3
LW2892  NAD 83(1986)-  41 27 43.69689(N)    071 21 46.44464(W) AD(       ) 3
LW2892  NAD 27      -  41 27 43.32900(N)    071 21 48.24900(W) AD(       ) 3
LW2892  USSD        -  41 27 43.88000(N)    071 21 48.12000(W) AD(       ) 3
LW2892
LW2892.Superseded values are not recommended for survey control.
LW2892
LW2892.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2892.See file dsdata.txt to determine how the superseded data were derived.
LW2892
LW2892_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TCF0266392755(NAD 83)
LW2892
LW2892 MARKER: 13 = LIGHTHOUSE
LW2892_SETTING: 0 = UNSPECIFIED SETTING
LW2892_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
LW2892+SATELLITE: SATELLITE OBSERVATIONS - January 30, 2003
LW2892
LW2892  HISTORY     - Date     Condition        Report By
LW2892  HISTORY     - 1897     FIRST OBSERVED   CGS
LW2892  HISTORY     - 1935     GOOD             RIGS
LW2892  HISTORY     - 1940     GOOD             CGS
LW2892  HISTORY     - 1962     GOOD             CGS
LW2892  HISTORY     - 20030130 GOOD             USPSQD
LW2892
LW2892                          STATION DESCRIPTION
LW2892
LW2892'DESCRIBED BY RHODE ISLAND GEODETIC SURVEY 1935
LW2892'THE LIGHTHOUSE IS A WHITE PAINTED STONE TOWER SHAPED LIKE THE
LW2892'FRUSTRUM OF A CONE WITH A LANTERN ON TOP.
LW2892'
LW2892'IT STANDS AT THE EDGE OF THE BLUFF AT THE EXTREME WESTERNMOST END
LW2892'OF NEWPORT NECK.
LW2892
LW2892                          STATION RECOVERY (1940)
LW2892
LW2892'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1940 (PLB)
LW2892'THE LIGHTHOUSE IS ON THE EAST SIDE OF THE ENTRANCE TO NARRAGANSETT
LW2892'BAY.  IT IS A CONICAL GRANITE TOWER AND THE UPPER HALF IS PAINTED
LW2892'WHITE.  THE FINIAL ON TOP THE LIGHTHOUSE WAS OBSERVED UPON AND IS
LW2892'ABOUT 45 FEET ABOVE THE WATER.
LW2892'
```

LW2892'THIS IS AN INTERSECTION STATION.
LW2892
LW2892   STATION RECOVERY (1962)
LW2892
LW2892'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962 (CHO)
LW2892'STATION RECOVERED IN VERY GOOD CONDITION.
LW2892
LW2892   STATION RECOVERY (2003)
LW2892
LW2892'RECOVERY NOTE BY US POWER SQUADRON 2003 (KJM)
LW2892'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:10


PID : LW0642
Name : BEAVERTAIL
Elev Source : ADJUSTED
Elev Order : 2
Pos Source : ADJUSTED
Pos Order : 2
Ortho Ht : 10.815
Ellip Ht : None
Datasheet
726
746
Beavertail Rd
Beavertail Lighthouse Museum Association
736

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW0642 ***********************************************************************
 LW0642  DESIGNATION -  BEAVERTAIL
 LW0642  PID         -  LW0642
 LW0642  STATE/COUNTY-  RI/NEWPORT
 LW0642  COUNTRY     -  US
 LW0642  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW0642
 LW0642                         *CURRENT SURVEY CONTROL
 LW0642  ______________________________________________________________________
 LW0642* NAD 83(1996) POSITION- 41 27 01.87676(N) 071 23 55.57537(W)   ADJUSTED
 LW0642* NAVD 88 ORTHO HEIGHT -    10.815   (meters)      35.48   (feet) ADJUSTED
 LW0642  ______________________________________________________________________
 LW0642  LAPLACE CORR    -          2.48   (seconds)                    DEFLEC12A
 LW0642  GEOID HEIGHT    -        -30.19   (meters)                     GEOID12A
 LW0642  DYNAMIC HEIGHT  -         10.811  (meters)       35.47   (feet) COMP
 LW0642  MODELED GRAVITY -    980,286.3    (mgal)                       NAVD 88
 LW0642
 LW0642  HORZ ORDER      -  SECOND
 LW0642  VERT ORDER      -  SECOND    CLASS 0
 LW0642
 LW0642.The horizontal coordinates were established by classical geodetic methods
 LW0642.and adjusted by the National Geodetic Survey in August 1998.
 LW0642.
 LW0642.The orthometric height was determined by differential leveling and
 LW0642.adjusted by the NATIONAL GEODETIC SURVEY
 LW0642.in June 1991.
 LW0642
 LW0642.Photographs are available for this station.
 LW0642
 LW0642.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW0642
 LW0642.The dynamic height is computed by dividing the NAVD 88
```

```
LW0642.geopotential number by the normal gravity value computed on the
LW0642.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
LW0642.degrees latitude (g = 980.6199 gals.).
LW0642
LW0642.The modeled gravity was interpolated from observed gravity values.
LW0642
LW0642. The following values were computed from the NAD 83(1996) position.
LW0642
LW0642;                    North         East     Units Scale Factor Converg.
LW0642;SPC RI       -    40,784.249   108,458.617   MT  0.99999463   +0 04 01.2
LW0642;SPC RI       -   133,806.32    355,834.65   sFT  0.99999463   +0 04 01.2
LW0642;UTM  19      - 4,591,548.574   299,632.277   MT  1.00009410   -1 35 18.4
LW0642
LW0642!             -  Elev Factor  x  Scale Factor =   Combined Factor
LW0642!SPC RI       -   1.00000304  x   0.99999463  =   0.99999767
LW0642!UTM  19      -   1.00000304  x   1.00009410  =   1.00009714
LW0642
LW0642:                Primary Azimuth Mark                     Grid Az
LW0642:SPC RI       -  CASTLE HILL LIGHTHOUSE                   066 37 41.2
LW0642:UTM  19      -  CASTLE HILL LIGHTHOUSE                   068 17 00.8
LW0642
LW0642|-----------------------------------------------------------------------|
LW0642| PID    Reference Object                    Distance      Geod. Az   |
LW0642|                                                          dddmmss.s  |
LW0642| CB7110 BEAVERTAIL RM 1                      18.865 METERS 04029      |
LW0642| LW2892 CASTLE HILL LIGHTHOUSE              APPROX. 3.3 KM 0664142.4  |
LW0642| LW2983 BEAVERTAIL E 2 1940                 166.226 METERS 19647      |
LW0642| LW2982 BEAVERTAIL LIGHTHOUSE               139.279 METERS 20245      |
LW0642| LW2925 POINT JUDITH TANK                   APPROX. 9.8 KM 2262543.5  |
LW0642| LW2958 WHALE ROCK BEACON                   APPROX. 2.2 KM 2520047.7  |
LW0642| LW0641 BEAVERTAIL RM 2                      14.765 METERS 28709      |
LW0642|-----------------------------------------------------------------------|
LW0642
LW0642                          SUPERSEDED SURVEY CONTROL
LW0642
LW0642  NAD 83(1996)-  41 27 01.87618(N)    071 23 55.57442(W) AD(       ) 2
LW0642  NAD 83(1992)-  41 27 01.87524(N)    071 23 55.57473(W) AD(       ) 2
LW0642  NAD 83(1992)-  41 27 01.87451(N)    071 23 55.57434(W) AD(       ) 2
LW0642  NAD 83(1986)-  41 27 01.87459(N)    071 23 55.57257(W) AD(       ) 2
LW0642  NAD 27      -  41 27 01.50388(N)    071 23 57.37676(W) AD(       ) 2
LW0642  NGVD 29 (??/??/92)   11.088  (m)           36.38   (f) ADJ UNCH    2 0
LW0642
LW0642.Superseded values are not recommended for survey control.
```

LW0642
LW0642.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW0642.See file dsdata.txt to determine how the superseded data were derived.
LW0642
LW0642_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9963291548(NAD 83)
LW0642
LW0642_MARKER: DB = BENCH MARK DISK
LW0642_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
LW0642_SP_SET: SET IN TOP OF CONCRETE MONUMENT
LW0642_STAMPING: BEAVERTAIL 1940
LW0642_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
LW0642+STABILITY: SURFACE MOTION
LW0642_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
LW0642+SATELLITE: SATELLITE OBSERVATIONS - December 22, 2004
LW0642
LW0642 HISTORY   - Date   Condition   Report By
LW0642 HISTORY   - 1940   MONUMENTED   CGS
LW0642 HISTORY   - 1943   GOOD   CGS
LW0642 HISTORY   - 1962   GOOD   CGS
LW0642 HISTORY   - 1969   GOOD   CGS
LW0642 HISTORY   - 1969   GOOD   CGS
LW0642 HISTORY   - 1988   GOOD   USPSQD
LW0642 HISTORY   - 20041222 GOOD   USPSQD
LW0642
LW0642   STATION DESCRIPTION
LW0642
LW0642'DESCRIBED BY COAST AND GEODETIC SURVEY 1940 (PLB)
LW0642'STATION IS LOCATED ON THE S-MOST PART OF CONANICUT ISLAND, ON A
LW0642'POINT OF LAND KNOWN AS BEAVERTAIL POINT, ABOUT 200 YDS. N OF
LW0642'BEAVERTAIL LIGHTHOUSE, AT WHICH POINT THE PAVED ROAD MAKES A
LW0642'COMPLETE LOOP AROUND THE POINT. IT IS INSIDE OF THE LOOP, ABOUT
LW0642'50 FT. S OF THE Y WHERE THE LOOP BEGINS AND ENDS, AND ABOUT 8 FT.
LW0642'N OF THE STONE FENCE THAT PARALLELS THE INNER EDGE OF THE LOOP.
LW0642'SURFACE STATION MARK IS A STANDARD STATION DISK, STAMPED
LW0642'BEAVERTAIL 1940 AND SET IN THE TOP OF A CONCRETE POST.
LW0642'
LW0642'REFERENCE MARK 1 IS OUTSIDE OF THE LOOP, ABOUT 40 FT. E OF THE Y.
LW0642'IT IS A STANDARD REFERENCE-MARK DISK, STAMPED BEAVERTAIL NO 1 1940
LW0642'AND SET IN THE TOP OF A CONCRETE POST.
LW0642'
LW0642'REFERENCE MARK 2 IS INSIDE OF THE LOOP W OF THE STATION, ABOUT 8
LW0642'FT. N OF STONE FENCE. IT IS A STANDARD REFERENCE-MARK DISK,
LW0642'STAMPED BEAVERTAIL NO 2 1940 AND SET IN A DRILL HOLE IN A BOULDER.

LW0642'
LW0642'CASTLE HILL LIGHT CAN BE USED FOR AN AZIMUTH MARK.
LW0642'
LW0642'HEIGHT OF LIGHT ABOVE STATION MARK 6 METERS.
LW0642
LW0642 STATION RECOVERY (1943)
LW0642
LW0642'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1943 (FN)
LW0642'THE ORIGINAL DESCRIPTION IS ACCURATE AND ADEQUATE, AND ALL MARKS
LW0642'WERE RECOVERED IN GOOD CONDITION EXCEPT REFERENCE MARK 1 WHICH WAS
LW0642'DESTROYED BY ROAD-WIDENING CONSTRUCTION. A NEW DESCRIPTION FOLLOWS--
LW0642'
LW0642'THE STATION IS ON THE S END OF CONANICUT ISLAND, WHICH END IS
LW0642'KNOWN AS BEAVERTAIL POINT, WITHIN FORT BURNSIDE, AND ABOUT 150
LW0642'YDS. N OF BEAVERTAIL LIGHTHOUSE. IT IS ABOUT 50 FT. S OF A ROAD
LW0642'Y-INTERSECTION, 53 FT. E-NE OF A COVERED CONCRETE BOX, AND 41-1/2
LW0642'FT. N-NE OF THE THIRD TELEPHONE POLE N OF THE LIGHTHOUSE. THE
LW0642'TELEPHONE POLES ALSO CARRY POWER LINES THAT PASS ALMOST DIRECTLY
LW0642'OVER THE STATION, AND, FOR THIS REASON, IT WAS NECESSARY TO
LW0642'ESTABLISH A NEW STATION, BEAVER, NEARBY BECAUSE A STEEL TOWER WAS
LW0642'NEEDED FOR THE PRESENT WORK. SURFACE STATION MARK IS A STANDARD
LW0642'STATION DISK, STAMPED BEAVERTAIL 1940 AND SET IN THE TOP OF A
LW0642'CONCRETE POST FLUSH WITH THE GROUND.
LW0642'
LW0642'THE UNDERGROUND STATION MARK IS A STANDARD DISK SET IN THE TOP OF
LW0642'A CONCRETE POST.
LW0642'
LW0642'REFERENCE MARK 2 IS A STANDARD REFERENCE-MARK DISK, STAMPED
LW0642'BEAVERTAIL NO 2 1940 AND SET IN A DRILL HOLE IN A BOULDER. THE
LW0642'DISTANCE WAS MEASURED TO BE 14.770 M. WHICH IS 0.005 M. LONGER
LW0642'THAN THE ORIGINAL.
LW0642
LW0642 STATION RECOVERY (1962)
LW0642
LW0642'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962 (JKW)
LW0642'THE STATION MARK AND REFERENCE MARK WERE RECOVERED IN GOOD
LW0642'CONDITION. THE DISTANCE TO THE REFERENCE MARK WAS VERIFIED. SEE
LW0642'1943 DESCRIPTION FOR STATION BEAVER IN RECOVERING THIS STATION.
LW0642
LW0642 STATION RECOVERY (1969)
LW0642
LW0642'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1969 (RRG)
LW0642'THE STATION MARK AND RM NO. 2 WERE RECOVERED AND IN GOOD

LW0642'CONDITION. THE STATION MAY BE REACHED BY GOING 3.65 MILES
LW0642'SOUTHWEST ALONG SOUTHWEST AVENUE AND BEAVERTAIL ROAD FROM THE POST
LW0642'OFFICE AT JAMESTOWN.
LW0642'
LW0642'THE STATION IS ABOUT 150 YARDS NORTH OF THE BEAVERTAIL
LW0642'LIGHTHOUSE, AT A Y JUNCTION IN THE ROAD, IN LINE WITH A
LW0642'NORTHEAST-SOUTHWEST ROAD, 79 FEET SOUTH OF THE CENTER LINE OF AN
LW0642'EAST-WEST ROAD, 52.8 FEET EAST-NORTHEAST OF THE EAST CORNER OF AN
LW0642'8-BY-8-FOOT CONCRETE BOX WHICH PROJECTS 1-1/2 FEET ABOVE THE
LW0642'LEVEL OF THE GROUND, 41-1/2 FEET NORTH-NORTHEAST OF THE 3RD POWER
LW0642'LINE POLE NORTH OF THE LIGHTHOUSE, 1.5 FEET NORTHWEST OF A METAL
LW0642'WITNESS POST AND SET IN THE TOP OF A CONCRETE POST FLUSH WITH THE
LW0642'GROUND. THE DISK IS STAMPED BEAVERTAIL 1940.
LW0642'
LW0642'RM 2 IS 48.4 FEET NORTHWEST OF THE STATION MARK, 53 FEET
LW0642'NORTHWEST OF THE 3RD POWER POLE NORTH OF THE BEAVERTAIL
LW0642'LIGHTHOUSE, 8 FEET NORTH OF THE NORTH SIDE OF A STONE FENCE, SET
LW0642'IN THE TOP OF A 7-BY-2 1/2-FEET EXPOSED BOULDER WHICH PROJECTS
LW0642'1-1/2 FEET ABOVE THE GROUND. STAMPED BEAVERTAIL NO 2 1940.
LW0642'
LW0642'AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN 3.65 MILES
LW0642'SOUTHWEST OF JAMESTOWN.
LW0642
LW0642   STATION RECOVERY (1969)
LW0642
LW0642'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1969
LW0642'3.6 MI SW FROM JAMESTOWN.
LW0642'3.65 MILES SOUTHWEST ALONG SOUTHWEST AVENUE AND BEAVERTAIL
LW0642'ROAD FROM THE POST OFFICE AT JAMESTOWN, 150 YARDS NORTH OF THE
LW0642'BEAVERTAIL LIGHTHOUSE, AT A Y JUNCTION, IN LINE WITH A
LW0642'NORTHEAST-SOUTHWEST ROAD, 79 FEET SOUTH OF THE CENTER LINE OF
LW0642'EAST-WEST ROAD, 52.8 FEET EAST-NORTHEAST OF THE EAST CORNER OF AN
LW0642'8-BY-8-FOOT CONCRETE BOX WHICH PROJECTS 1 1/2 FEET ABOVE THE
LW0642'GROUND, 41 1/2 FEET NORTH-NORTHEAST OF THE 3 RD POWER LINE POLE
LW0642'NORTH OF THE LIGHTHOUSE, 1.5 FEET NORTHWEST OF A METAL WITNESS POST,
LW0642'SET IN THE TOP OF A CONCRETE POST FLUSH WITH THE GROUND.
LW0642
LW0642   STATION RECOVERY (1988)
LW0642
LW0642'RECOVERY NOTE BY US POWER SQUADRON 1988 (CGS)
LW0642'RECOVERED IN GOOD CONDITION.
LW0642
LW0642   STATION RECOVERY (2004)

LW0642
LW0642'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW0642'RECOVERED IN GOOD CONDITION.

*** retrieval complete.
Elapsed Time = 00:00:02

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2981 ***********************************************************************
 LW2981  DESIGNATION -  BEAVER
 LW2981  PID         -  LW2981
 LW2981  STATE/COUNTY-  RI/NEWPORT
 LW2981  COUNTRY     -  US
 LW2981  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW2981
 LW2981                        *CURRENT SURVEY CONTROL
 LW2981  ______________________________________________________________________
 LW2981* NAD 83(1996) POSITION- 41 27 01.80286(N) 071 23 56.74920(W)   ADJUSTED
 LW2981* NAVD 88 ORTHO HEIGHT -    10.     (meters)      33.    (feet) SCALED
 LW2981  ______________________________________________________________________
 LW2981  GEOID HEIGHT    -        -30.19  (meters)                     GEOID12A
 LW2981  LAPLACE CORR    -          2.48  (seconds)                    DEFLEC12A
 LW2981  HORZ ORDER      -  SECOND
 LW2981
 LW2981.The horizontal coordinates were established by classical geodetic methods
 LW2981.and adjusted by the National Geodetic Survey in August 1998.
 LW2981.
 LW2981.The orthometric height was scaled from a topographic map.
 LW2981
 LW2981.Photographs are available for this station.
 LW2981
 LW2981.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2981
 LW2981. The following values were computed from the NAD 83(1996) position.
 LW2981
 LW2981;                    North         East     Units Scale Factor Converg.
 LW2981;SPC RI       -    40,781.937   108,431.374   MT  0.99999462   +0 04 00.5
 LW2981;SPC RI       -   133,798.74    355,745.27   sFT  0.99999462   +0 04 00.5
 LW2981;UTM  19      - 4,591,547.050   299,604.976   MT  1.00009423   -1 35 19.2
 LW2981
```

```
LW2981!             -  Elev Factor   x  Scale Factor =   Combined Factor
LW2981!SPC RI       -   1.00000321   x   0.99999462  =   0.99999783
LW2981!UTM  19      -   1.00000321   x   1.00009423  =   1.00009744
LW2981
LW2981:                 Primary Azimuth Mark                    Grid Az
LW2981:SPC RI       -  BC 6                                     018 43 38.7
LW2981:UTM  19      -  BC 6                                     020 22 58.4
LW2981
LW2981|---------------------------------------------------------------------|
LW2981| PID    Reference Object                    Distance      Geod. Az   |
LW2981|                                                          dddmmss.s |
LW2981| LW0639 BATTERY 213                       339.818 METERS 01033     |
LW2981| LW2970 BC 6                              488.309 METERS 0184739.2 |
LW2981| LW0640 BATTERY WHITING                   220.652 METERS 05430     |
LW2981| LW0641 BEAVERTAIL RM 2                    16.119 METERS 06307     |
LW2981| LW0642 BEAVERTAIL                         27.341 METERS 08513     |
LW2981| LW2865 WEST TOWER                       APPROX. 3.6 KM 0881103.6 |
LW2981| LW2846 TOWER 9                          APPROX. 3.9 KM 0895708.1 |
LW2981|---------------------------------------------------------------------|
LW2981
LW2981                          SUPERSEDED SURVEY CONTROL
LW2981
LW2981  NAD 83(1996)-  41 27 01.80228(N)    071 23 56.74825(W) AD(       ) 2
LW2981  NAD 83(1992)-  41 27 01.80135(N)    071 23 56.74856(W) AD(       ) 2
LW2981  NAD 83(1992)-  41 27 01.80061(N)    071 23 56.74818(W) AD(       ) 2
LW2981  NAD 83(1986)-  41 27 01.80069(N)    071 23 56.74634(W) AD(       ) 2
LW2981  NAD 27      -  41 27 01.42997(N)    071 23 58.55060(W) AD(       ) 2
LW2981
LW2981.Superseded values are not recommended for survey control.
LW2981
LW2981.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2981.See file dsdata.txt to determine how the superseded data were derived.
LW2981
LW2981_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9960491547(NAD 83)
LW2981
LW2981_MARKER: DS = TRIANGULATION STATION DISK
LW2981_SETTING: 0 = UNSPECIFIED SETTING
LW2981_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
LW2981_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
LW2981+SATELLITE: SATELLITE OBSERVATIONS - December 22, 2004
LW2981
LW2981  HISTORY     - Date     Condition        Report By
LW2981  HISTORY     - 1943     MONUMENTED       CGS
```

LW2981 HISTORY   - 1954   GOOD   CGS
LW2981 HISTORY   - 20041222 GOOD   USPSQD
LW2981 HISTORY   - 20061111 GOOD   GEOCAC
LW2981
LW2981   STATION DESCRIPTION
LW2981
LW2981'DESCRIBED BY COAST AND GEODETIC SURVEY 1943 (FN)
LW2981'THE STATION IS ON THE S END OF CONANICUT ISLAND, WHICH END IS
LW2981'KNOWN AS BEAVERTAIL POINT, WITHIN FORT BURNSIDE, AND ABOUT 150
LW2981'YDS. N OF BEAVERTAIL LIGHTHOUSE. IT IS ABOUT 100 FT. SW OF A ROAD
LW2981'Y-INTERSECTION, 35 FT. W OF THE NW CORNER OF A COVERED CONCRETE
LW2981'BOX THAT IS ABOUT 8 FT. SQUARE AND PROJECTS ABOUT 2 FT. ABOVE
LW2981'GROUND, AND 2 FT. N OF THE PROJECTED PLANE OF THE N WALL OF SAID
LW2981'BOX. SURFACE STATION MARK IS A STANDARD STATION DISK, STAMPED
LW2981'BEAVER 1943 AND SET IN THE TOP OF A CONCRETE POST PROJECTING ABOUT
LW2981'4 IN.
LW2981'
LW2981'THE UNDERGROUND STATION MARK IS A STANDARD DISK SET IN THE TOP OF
LW2981'A CONCRETE POST.
LW2981'
LW2981'STATION BEAVERTAIL IS ABOUT E OF THE STATION, 53 FT. E-NE OF THE
LW2981'NE CORNER OF THE CONCRETE BOX. SURFACE STATION MARK IS A STANDARD
LW2981'STATION DISK, STAMPED BEAVERTAIL 1940 AND SET IN THE TOP OF A
LW2981'CONCRETE POST. THE UNDERGROUND STATION MARK IS A STANDARD DISK
LW2981'SET IN THE TOP OF A CONCRETE POST.
LW2981'
LW2981'REFERENCE MARK 2, OF STATION BEAVERTAIL, IS A STANDARD
LW2981'REFERENCE-MARK DISK, STAMPED BEAVERTAIL NO 2 1940 AND SET IN A
LW2981'DRILL HOLE IN A BOULDER WHICH IS ABOUT 2 FT. HIGH.
LW2981'
LW2981'DISTANCE FROM STATION BEAVERTAIL TO BEAVERTAIL REFERENCE MARK 2 IS
LW2981'14.770 M.
LW2981'
LW2981'HEIGHT OF LIGHT ABOVE STATION MARK 14 METERS.
LW2981
LW2981   STATION RECOVERY (1954)
LW2981
LW2981'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1954 (LFW)
LW2981'STATION AND REFERENCE MARKS RECOVERED IN GOOD CONDITION. THE 1943
LW2981'DESCRIPTION IS ADEQUATE AND COMPLETE.
LW2981
LW2981   STATION RECOVERY (2004)
LW2981

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LW2981'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW2981'RECOVERED IN GOOD CONDITION.
LW2981
LW2981                          STATION RECOVERY (2006)
LW2981
LW2981'RECOVERY NOTE BY GEOCACHING 2006 (NPP)
LW2981'VIEW TO NORTH IS BLOCKED BY PORTABLE TOILETS.

*** retrieval complete.
Elapsed Time = 00:00:03
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The NGS Data Sheet

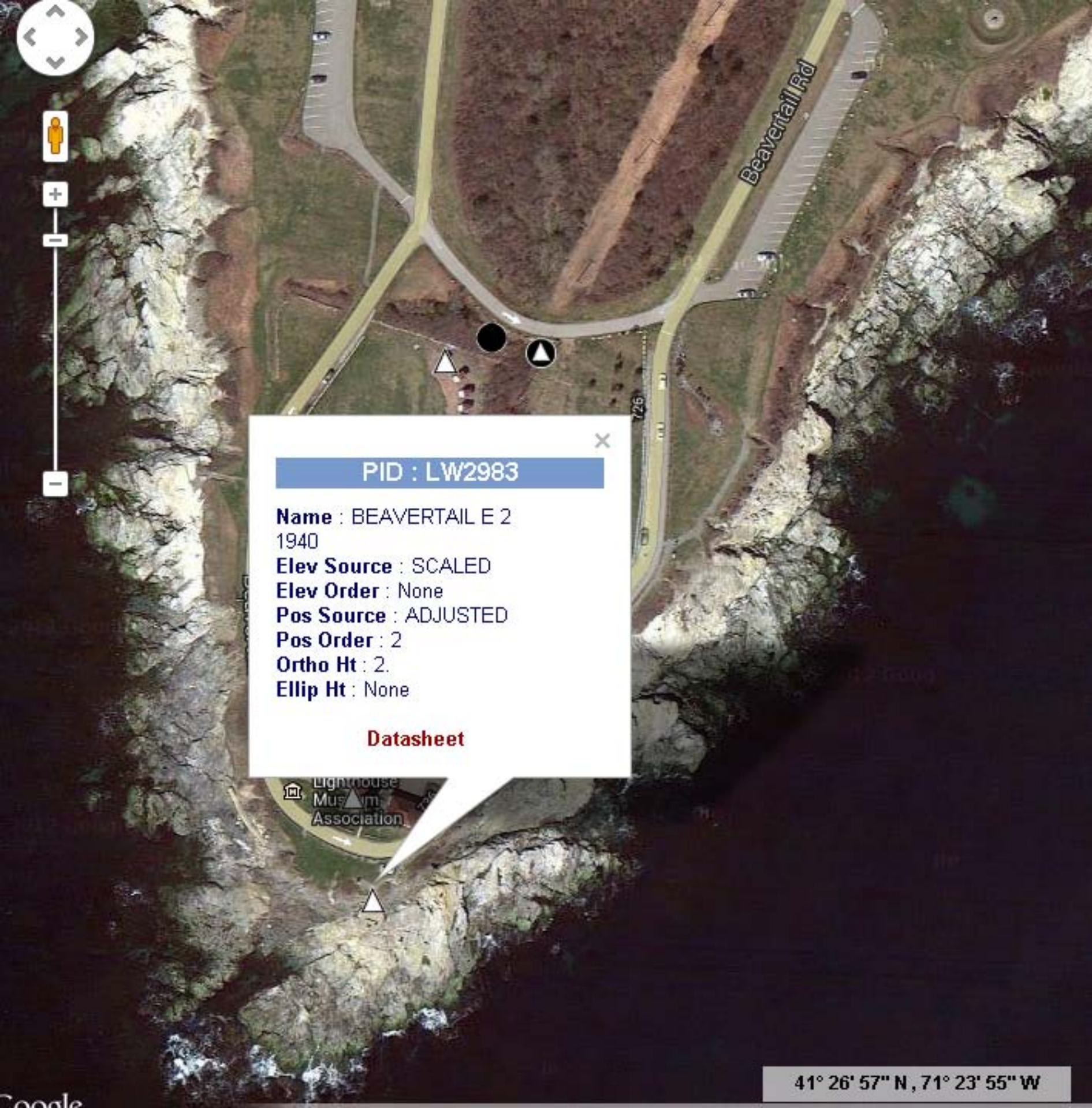
See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2901 ***********************************************************************
 LW2901  DESIGNATION -  BRENTON
 LW2901  PID         -  LW2901
 LW2901  STATE/COUNTY-  RI/NEWPORT
 LW2901  COUNTRY     -  US
 LW2901  USGS QUAD   -  NEWPORT (1975)
 LW2901
 LW2901                        *CURRENT SURVEY CONTROL
 LW2901  ______________________________________________________________________
 LW2901* NAD 83(1996) POSITION- 41 26 59.82071(N) 071 21 18.87598(W)   ADJUSTED
 LW2901* NAVD 88 ORTHO HEIGHT -     6.     (meters)      20.    (feet) SCALED
 LW2901  ______________________________________________________________________
 LW2901  GEOID HEIGHT    -        -30.14  (meters)                     GEOID12A
 LW2901  LAPLACE CORR    -          2.34  (seconds)                    DEFLEC12A
 LW2901  HORZ ORDER      -  SECOND
 LW2901
 LW2901.The horizontal coordinates were established by classical geodetic methods
 LW2901.and adjusted by the National Geodetic Survey in August 1998.
 LW2901.
 LW2901.The orthometric height was scaled from a topographic map.
 LW2901
 LW2901.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2901
 LW2901. The following values were computed from the NAD 83(1996) position.
 LW2901
 LW2901;                    North         East     Units Scale Factor Converg.
 LW2901;SPC RI       -    40,725.987   112,095.855   MT  0.99999555   +0 05 45.0
 LW2901;SPC RI       -   133,615.18    367,767.82   sFT  0.99999555   +0 05 45.0
 LW2901;UTM  19      - 4,591,385.246   303,266.641   MT  1.00007633   -1 33 34.5
 LW2901
 LW2901!             -  Elev Factor  x  Scale Factor =   Combined Factor
 LW2901!SPC RI       -   1.00000383  x   0.99999555  =   0.99999938
```

```
LW2901!UTM  19      -   1.00000383  x   1.00007633  =   1.00008016
LW2901
LW2901:                Primary Azimuth Mark                    Grid Az
LW2901:SPC RI       -  BEAVER                                  270 52 29.0
LW2901:UTM  19      -  BEAVER                                  272 31 48.5
LW2901
LW2901|-----------------------------------------------------------------------|
LW2901| PID    Reference Object                    Distance      Geod. Az   |
LW2901|                                                          dddmmss.s |
LW2901| LW2846 TOWER 9                           242.082 METERS 07450      |
LW2901| CB7153 BRENTON RM 1                       25.476 METERS 20110      |
LW2901| LW2981 BEAVER                            APPROX. 3.7 KM 2705814.0 |
LW2901| CB7154 BRENTON RM 2                       24.390 METERS 29257      |
LW2901| LW2865 WEST TOWER                        184.022 METERS 34133      |
LW2901|-----------------------------------------------------------------------|
LW2901
LW2901                          SUPERSEDED SURVEY CONTROL
LW2901
LW2901  NAD 83(1996)-  41 26 59.82025(N)    071 21 18.87504(W) AD(       ) 2
LW2901  NAD 83(1992)-  41 26 59.81916(N)    071 21 18.87537(W) AD(       ) 2
LW2901  NAD 83(1992)-  41 26 59.81851(N)    071 21 18.87489(W) AD(       ) 2
LW2901  NAD 83(1986)-  41 26 59.81844(N)    071 21 18.87256(W) AD(       ) 2
LW2901  NAD 27      -  41 26 59.45100(N)    071 21 20.67700(W) AD(       ) 2
LW2901
LW2901.Superseded values are not recommended for survey control.
LW2901
LW2901.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2901.See file dsdata.txt to determine how the superseded data were derived.
LW2901
LW2901_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TCF0326691385(NAD 83)
LW2901
LW2901_MARKER: DS = TRIANGULATION STATION DISK
LW2901_SETTING: 0 = UNSPECIFIED SETTING
LW2901_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
LW2901
LW2901  HISTORY     - Date     Condition        Report By
LW2901  HISTORY     - 1943     MONUMENTED       CGS
LW2901  HISTORY     - 1954     MARK NOT FOUND   CGS
LW2901
LW2901                           STATION DESCRIPTION
LW2901
LW2901'DESCRIBED BY COAST AND GEODETIC SURVEY 1943 (FN)
LW2901'THE STATION IS ABOUT 3-1/2 MI. SW OF NEWPORT, ON BRENTON POINT.
```

LW2901'IT IS ON THE LAWN OF THE BUDLONG ESTATE (NOW OCCUPIED BY THE U.S.
LW2901'ARMY), 131 FT. N OF THE OUTSIDE FACE OF ONE STONE FENCE, AND 82
LW2901'FT. E OF ANOTHER. SURFACE STATION MARK IS A STANDARD STATION
LW2901'DISK, STAMPED BRENTON 1943 AND SET IN THE TOP OF A CONCRETE POST
LW2901'FLUSH WITH THE GROUND.
LW2901'
LW2901'THE UNDERGROUND MARK IS A STANDARD DISK SET IN THE TOP OF A
LW2901'CONCRETE POST.
LW2901'
LW2901'REFERENCE MARK 1 IS SW OF THE STATION, IN THE E EDGE OF A DENSE
LW2901'ROSE GARDEN, 21 FT. E-SE OF THE CENTER OF A MANHOLE COVER OVER A
LW2901'STORM SEWER INTAKE. IT IS A STANDARD REFERENCE-MARK DISK, STAMPED
LW2901'BRENTON NO 1 1943 AND SET IN THE TOP OF A CONCRETE POST FLUSH WITH
LW2901'THE GROUND.
LW2901'
LW2901'REFERENCE MARK 2 IS IN THE SAME EDGE OF THE SAME ROSE GARDEN. IT
LW2901'IS A STANDARD REFERENCE-MARK DISK, STAMPED BRENTON NO 2 1943 AND
LW2901'SET IN THE TOP OF A CONCRETE POST FLUSH WITH GROUND.
LW2901'
LW2901'TO REACH THE STATION FROM THE NEWPORT POST OFFICE, GO S ON THAMES
LW2901'STREET FOR 0.5 MI. AND TURN RIGHT ONTO WELLINGTON AVENUE, THENCE
LW2901'0.85 MI. TO A CROSSROAD AND TURN RIGHT, THENCE 0.45 MI. TO A
LW2901'T-INTERSECTION AND TURN RIGHT, THENCE 0.4 MI. AND TAKE THE RIGHT
LW2901'FORK, THENCE 0.5 MI. (OR 0.4 MI. PAST THE ENTRANCE ROAD TO FORT
LW2901'ADAMS) AND TAKE THE RIGHT FORK, THENCE 0.75 MI. TO A
LW2901'T-INTERSECTION AND TURN RIGHT, THENCE 0.85 MI. TO A SHARP LEFT
LW2901'TURN AT THE END OF A SHORT SEAWALL ON THE RIGHT AND THE STATION ON
LW2901'THE LEFT.
LW2901'
LW2901'HEIGHT OF LIGHT ABOVE STATION MARK 1 METER.
LW2901
LW2901   STATION RECOVERY (1954)
LW2901
LW2901'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1954 (LFW)
LW2901'LOST. THE AREA WAS SEARCHED, BUT NONE OF THE MARKS WERE
LW2901'RECOVERED. IT IS BELIEVED THE STATION IS IN PLACE AND COULD BE
LW2901'FOUND BY MORE EXTENSIVE SURVEY METHODS. THE LAWN APPEARS TO HAVE
LW2901'BEEN ABANDONED AND IS NOW COVERED WITH THICK HIGH GRASS.

*** retrieval complete.
Elapsed Time = 00:00:02


Beavertail Rd
PID : LW2983
Name : BEAVERTAIL E 2
1940
Elev Source : SCALED
Elev Order : None
Pos Source : ADJUSTED
Pos Order : 2
Ortho Ht : 2.
Ellip Ht : None
Datasheet
41° 26' 57" N , 71° 23' 55" W

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.3
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER 30, 2013
 LW2983 ***********************************************************************
 LW2983  DESIGNATION -  BEAVERTAIL E 2 1940
 LW2983  PID         -  LW2983
 LW2983  STATE/COUNTY-  RI/NEWPORT
 LW2983  COUNTRY     -  US
 LW2983  USGS QUAD   -  NARRAGANSETT PIER (1975)
 LW2983
 LW2983                        *CURRENT SURVEY CONTROL
 LW2983  ______________________________________________________________________
 LW2983* NAD 83(1996) POSITION- 41 26 56.71827(N) 071 23 57.64350(W)   ADJUSTED
 LW2983* NAVD 88 ORTHO HEIGHT -     2.     (meters)       7.    (feet) SCALED
 LW2983  ______________________________________________________________________
 LW2983  GEOID HEIGHT    -        -30.19  (meters)                     GEOID12A
 LW2983  LAPLACE CORR    -          2.46  (seconds)                    DEFLEC12A
 LW2983  HORZ ORDER      -  SECOND
 LW2983
 LW2983.The horizontal coordinates were established by classical geodetic methods
 LW2983.and adjusted by the National Geodetic Survey in August 1998.
 LW2983.
 LW2983.The orthometric height was scaled from a topographic map.
 LW2983
 LW2983.The Laplace correction was computed from DEFLEC12A derived deflections.
 LW2983
 LW2983. The following values were computed from the NAD 83(1996) position.
 LW2983
 LW2983;                    North         East     Units Scale Factor Converg.
 LW2983;SPC RI       -    40,625.050   108,410.799   MT  0.99999462   +0 03 59.9
 LW2983;SPC RI       -   133,284.02    355,677.76   sFT  0.99999462   +0 03 59.9
 LW2983;UTM  19      - 4,591,390.808   299,579.874   MT  1.00009435   -1 35 19.6
 LW2983
 LW2983!             -  Elev Factor  x  Scale Factor =   Combined Factor
 LW2983!SPC RI       -   1.00000446  x   0.99999462  =   0.99999908
```

```
LW2983!UTM  19      -   1.00000446  x   1.00009435  =   1.00009881
LW2983
LW2983                          SUPERSEDED SURVEY CONTROL
LW2983
LW2983  NAD 83(1996)-  41 26 56.71769(N)    071 23 57.64254(W) AD(       ) 2
LW2983  NAD 83(1992)-  41 26 56.71675(N)    071 23 57.64286(W) AD(       ) 2
LW2983  NAD 83(1992)-  41 26 56.71602(N)    071 23 57.64247(W) AD(       ) 2
LW2983  NAD 83(1986)-  41 26 56.71611(N)    071 23 57.64068(W) AD(       ) 2
LW2983  NAD 27      -  41 26 56.34913(N)    071 23 59.43863(W) AD(       ) 2
LW2983
LW2983.Superseded values are not recommended for survey control.
LW2983
LW2983.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LW2983.See file dsdata.txt to determine how the superseded data were derived.
LW2983
LW2983_U.S. NATIONAL GRID SPATIAL ADDRESS: 19TBF9957991390(NAD 83)
LW2983
LW2983_MARKER: H = DRILL HOLE
LW2983_SETTING: 0 = UNSPECIFIED SETTING
LW2983_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY
LW2983_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
LW2983+SATELLITE: SATELLITE OBSERVATIONS - December 22, 2004
LW2983
LW2983  HISTORY     - Date     Condition        Report By
LW2983  HISTORY     - 1940     MONUMENTED       CGS
LW2983  HISTORY     - 1988     MARK NOT FOUND   USPSQD
LW2983  HISTORY     - 20020903 MARK NOT FOUND   USPSQD
LW2983  HISTORY     - 20041222 GOOD             USPSQD
LW2983  HISTORY     - 20041222 MARK NOT FOUND   USPSQD
LW2983
LW2983                          STATION DESCRIPTION
LW2983
LW2983'DESCRIBED BY COAST AND GEODETIC SURVEY 1940 (PLB)
LW2983'STATION IS LOCATED ON THE EXTREME S TIP OF CONANICUT ISLAND, ON
LW2983'THE POINT OF LAND KNOWN AS BEAVERTAIL POINT.  IT IS A 4-FT. 8 IN.
LW2983'IN DIAMETER STEEL PEDESTAL SET VERTICALLY IN THE CONCRETE
LW2983'FOUNDATION OF THE RUINS OF A CIRCULAR STRUCTURE THAT STOOD ON THE
LW2983'LEDGE OUTCROP AT THE EXTREME S END OF THE POINT.  IT IS 96 FT. SE
LW2983'OF THE SE CORNER OF THE SQUARE TOWER, THE TOP OF WHICH HOUSES
LW2983'BEAVERTAIL LIGHT, AND ABOUT 70 FT. SE OF THE CENTERLINE OF THE S
LW2983'TANGENT OF THE PAVED ROAD THAT MAKES A COMPLETE LOOP AROUND THE
LW2983'POINT.  IT IS MARKED BY A PUNCH HOLE IN THE 1-IN. THREADED PLUG IN
LW2983'THE CENTER OF THE TOP OF THE PEDESTAL.  IT WAS LOCATED BY TRAVERSE
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LW2983'FROM STATION BEAVERTAIL.
LW2983'
LW2983'THIS IS A TRAVERSE STATION.
LW2983
LW2983 STATION RECOVERY (1988)
LW2983
LW2983'RECOVERY NOTE BY US POWER SQUADRON 1988 (AFA)
LW2983'MARK NOT FOUND.
LW2983
LW2983 STATION RECOVERY (2002)
LW2983
LW2983'RECOVERY NOTE BY US POWER SQUADRON 2002 (KM)
LW2983'WAVE AND STORM ACTION HAS DEVASTATED THE AREA OF THE OLD LIGHT-
LW2983'HOUSE BASE. THERE IS NO EVIDENCE OF THE ABOVE MARK.
LW2983
LW2983 STATION RECOVERY (2004)
LW2983
LW2983'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW2983'RECOVERED IN GOOD CONDITION.
LW2983
LW2983 STATION RECOVERY (2004)
LW2983
LW2983'RECOVERY NOTE BY US POWER SQUADRON 2004 (TLG)
LW2983'THE BASE OF THE OLD LIGHTHOUSE HAS BEEN FILLED WITH CONCRETE OBSCURING
LW2983'ANY MARKERS THAT WEER EVER THERE.

*** retrieval complete.
Elapsed Time = 00:00:01