

he NGS Data Sheet

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

DATABASE = Sybase , PROGRAM = datasheet, VERSION = 6.94

1 National Geodetic Survey, Retrieval Date = NOVEMBER 20, 2003

SY0290 *****

SY0290 TIDAL BM - This is a Tidal Bench Mark.

SY0290 DESIGNATION - 944 7130 TIDAL 11

SY0290 PID - SY0290

SY0290 STATE/COUNTY- WA/KING

SY0290 USGS QUAD - POVERTY BAY (1994)

SY0290

SY0290 *CURRENT SURVEY CONTROL

SY0290

SY0290* NAD 83(1998)- 47 36 13.57331(N) 122 20 19.18257(W) ADJUSTED

SY0290* NAVD 88 - 4.896 (meters) 16.06 (feet) ADJUSTED

SY0290

SY0290 X - -2,304,629.712 (meters) COMP

SY0290 Y - -3,640,123.172 (meters) COMP

SY0290 Z - 4,687,270.686 (meters) COMP

SY0290 LAPLACE CORR- -1.14 (seconds) DEFLEC99

SY0290 ELLIP HEIGHT- -18.79 (meters) (03/21/00) GPS OBS

SY0290 GEOID HEIGHT- -23.65 (meters) GEOID99

SY0290 DYNAMIC HT - 4.897 (meters) 16.07 (feet) COMP

SY0290 MODELED GRAV- 980,724.3 (mgal) NAVD 88

SY0290

SY0290 HORZ ORDER - A

SY0290 VERT ORDER - FIRST CLASS I

SY0290 ELLP ORDER - THIRD CLASS II

SY0290

SY0290.The horizontal coordinates were established by GPS observations

SY0290.and adjusted by the National Geodetic Survey in March 2000.

SY0290.This is a SPECIAL STATUS position. See SPECIAL STATUS under the

SY0290.DATUM ITEM on the data sheet items page.

SY0290

SY0290.The orthometric height was determined by differential leveling

SY0290.and adjusted by the National Geodetic Survey in June 1991.

SY0290.WARNING-Repeat measurements at this control monument indicate possible

SY0290.vertical movement.

SY0290

SY0290.This Tidal Bench Mark is designated as VM 1135

SY0290.by the Center for Operational Oceanographic Products and Services.

SY0290

SY0290.The X, Y, and Z were computed from the position and the ellipsoidal ht.

SY0290

SY0290.The Laplace correction was computed from DEFLEC99 derived deflections.

SY0290

SY0290.The ellipsoidal height was determined by GPS observations

SY0290.and is referenced to NAD 83.

SY0290

SY0290.The geoid height was determined by GEOID99.

SY0290

SY0290.The dynamic height is computed by dividing the NAVD 88

SY0290.geopotential number by the normal gravity value computed on the

SY0290.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

SY0290.degrees latitude (g = 980.6199 gals.).

SY0290

SY0290.The modeled gravity was interpolated from observed gravity values.

SY0290

SY0290; North East Units Scale Converg.

SY0290;SPC WA N - 68,235.409 386,816.077 MT 0.99998226 -1 07 14.7

SY0290;UTM 10 - 5,272,474.343 549,709.322 MT 0.99963037 +0 29 18.3

SY0290

SY0290 SUPERSEDED SURVEY CONTROL

SY0290

SY0290 NAD 83(1991)- 47 36 13.57165(N) 122 20 19.18377(W) AD() B

SY0290 ELLIP H (11/01/99) -18.59 (m) GP() 4 1

SY0290 NAVD 88 (11/01/99) 4.90 (m) 16.1 (f) LEVELING 3

SY0290 NGVD 29 (??/??/??) 3.806 (m) 12.49 (f) ADJUSTED 1 1

SY0290

SY0290.Superseded values are not recommended for survey control.

SY0290. NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
SY0290. See file dsdata.txt to determine how the superseded data were derived.

SY0290

SY0290_U.S. NATIONAL GRID SPATIAL ADDRESS: 10TET4970972474(NAD 83)

SY0290_MARKER: DJ = TIDAL STATION DISK

SY0290_SETTING: 30 = SET IN A LIGHT STRUCTURE

SY0290_STAMPING: NO 11 1917

SY0290_MARK LOGO: CGS

SY0290_MAGNETIC: N = NO MAGNETIC MATERIAL

SY0290_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

SY0290_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

SY0290+SATELLITE: SATELLITE OBSERVATIONS - January 12, 2003

SY0290

SY0290	HISTORY	- Date	Condition	Report By
SY0290	HISTORY	- 1917	MONUMENTED	CGS
SY0290	HISTORY	- 1973	GOOD	NGS
SY0290	HISTORY	- 19910704	GOOD	USPSQD
SY0290	HISTORY	- 19981010	GOOD	NGS
SY0290	HISTORY	- 20030112	GOOD	JCLS

SY0290

STATION DESCRIPTION

SY0290

SY0290'DESCRIBED BY NATIONAL GEODETIC SURVEY 1973

SY0290'IN SEATTLE.

SY0290'AT SEATTLE, AT THE JUNCTION OF ALASKAN WAY AND MADISON STREET, IN THE
SY0290'TOP OF A CONCRETE SEA WALL, 15.1 FEET SOUTHWEST OF THE SOUTHWEST CURB
SY0290'OF THE WAY, 21 FEET NORTHWEST OF THE EXTENDED CENTER LINE OF THE
SY0290'STREET, 4.2 FEET WEST OF THE SOUTHEAST END OF A CONCRETE GUARDRAIL,
SY0290'1.8 FEET SOUTHWEST OF THE SOUTHWEST FACE OF THE GUARDRAIL, AND ABOUT 1
SY0290'FOOT HIGHER THAN THE WAY.

SY0290

STATION RECOVERY (1991)

SY0290

SY0290'RECOVERY NOTE BY US POWER SQUADRON 1991 (RTS)

SY0290'RECOVERED IN GOOD CONDITION.

SY0290

STATION RECOVERY (1998)

SY0290

SY0290'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1998 (CSM)

SY0290'THE STATION IS LOCATED IN DOWNTOWN SEATTLE. IT IS SET IN THE CONCRETE
SY0290'DECK OF THE SEAWALL ON THE WEST SIDE OF ALASKAN WAY AT ITS JUNCTION
SY0290'WITH MADISON STREET. IT IS 1 FT (0.3 M) WEST OF THE WEST EDGE OF THE
SY0290'SIDEWALK, 40.5 FT (12.3 M) NORTHEAST OF THE FIRE STATION OFFICE DOOR
SY0290'AND SITUATED BETWEEN PIER 53 ON THE SOUTH AND PIER 54 (IVARS FISH BAR)
SY0290'ON THE NORTH, 26 FT (7.9 M) IN AN EASTERLY DIRECTION FROM THE
SY0290'NORTHEAST CORNER OF FIRE STATION NUMBER 5 AND 12 FT (3.7 M) SOUTH OF
SY0290'THE SOUTH END OF A CONCRETE RAINING. THE MARK IS 1 IN BELOW THE LEVEL
SY0290'OF THE CONCRETE UNDER AN NGS ALUMINUM ALLOY ACCESS COVER. PARKING MAY
SY0290'BE AN IMPORTANT CONSIDERATION AT THIS SITE WITH METERED PARKING
SY0290'AVAILABLE ACROSS THE STREET OR THE FIRE DEPARTMENT MAY ALLOW PARKING
SY0290'NEXT TO THE MARK WITH AN ADVANCE CALL MADE TO 206-386-1405.

SY0290

STATION RECOVERY (2003)

SY0290

SY0290'RECOVERY NOTE BY JOHN CHANCE LAND SURVEYS INC 2003 (FJO)

SY0290'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:00

The NGS Data Sheet

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

DATABASE = Sybase , PROGRAM = datasheet, VERSION = 6.94

1 National Geodetic Survey, Retrieval Date = NOVEMBER 20, 2003

SY4354 *****

SY4354 CBN - This is a Cooperative Base Network Control Station.

SY4354 DESIGNATION - PT B

SY4354 PID - SY4354

SY4354 STATE/COUNTY- WA/KING

SY4354 USGS QUAD - POVERTY BAY (1994)

SY4354

SY4354 *CURRENT SURVEY CONTROL

SY4354

SY4354* NAD 83(1998)- 47 34 16.91152(N) 122 16 38.09574(W) ADJUSTED

SY4354* NAVD 88 - 6.4 (meters) 21. (feet) GPS OBS

SY4354

SY4354 X - -2,302,147.824 (meters) COMP

SY4354 Y - -3,644,841.309 (meters) COMP

SY4354 Z - 4,684,841.837 (meters) COMP

SY4354 LAPLACE CORR- 0.81 (seconds) DEFLEC99

SY4354 ELLIP HEIGHT- -17.14 (meters) (03/21/00) GPS OBS

SY4354 GEOID HEIGHT- -23.54 (meters) GEOID99

SY4354

SY4354 HORZ ORDER - A

SY4354 ELLP ORDER - THIRD CLASS II

SY4354

SY4354.The horizontal coordinates were established by GPS observations

SY4354.and adjusted by the National Geodetic Survey in March 2000.

SY4354.This is a SPECIAL STATUS position. See SPECIAL STATUS under the

SY4354.DATUM ITEM on the data sheet items page.

SY4354

SY4354.The orthometric height was determined by GPS observations and a

SY4354.high-resolution geoid model.

SY4354

SY4354.Photographs are available for this station.

SY4354

SY4354.The X, Y, and Z were computed from the position and the ellipsoidal ht.

SY4354

SY4354.The Laplace correction was computed from DEFLEC99 derived deflections.

SY4354

SY4354.The ellipsoidal height was determined by GPS observations

SY4354.and is referenced to NAD 83.

SY4354

SY4354.The geoid height was determined by GEOID99.

SY4354

SY4354; North East Units Scale Converg.

SY4354;SPC WA N - 64,544.638 391,365.500 MT 0.99998745 -1 04 30.1

SY4354;UTM 10 - 5,268,914.007 554,358.939 MT 0.99963631 +0 32 00.6

SY4354

SY4354|-----|

SY4354| PID Reference Object Distance Geod. Az |

SY4354| | dddmmss.s |

SY4354| SY4385 PT A 1962 206.657 METERS 13247 |

SY4354| SY4323 PT C 1962 331.931 METERS 31341 |

SY4354|-----|

SY4354

SY4354

SY4354

SUPERSEDED SURVEY CONTROL

SY4354 NAD 83(1991)- 47 34 16.90991(N) 122 16 38.09747(W) AD() B

SY4354 ELLIP H (05/29/91) -16.95 (m) GP() 4 1

SY4354 NAD 83(1986)- 47 34 16.90450(N) 122 16 38.10500(W) AD() 2

SY4354 NAD 27 - 47 34 17.54720(N) 122 16 33.65830(W) AD() 2

SY4354 NGVD 29 (05/29/91) 5.3 (m) 17. (f) GPS OBS

SY4354

SY4354.Superseded values are not recommended for survey control.

SY4354.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

SY4354.See file dsdata.txt to determine how the superseded data were derived.

SY4354

SY4354 U.S. NATIONAL GRID SPATIAL ADDRESS: 10TET5435968914(NAD 83)

SY4354_MARKER: DS = TRIANGULATION STATION DISK

SY4354_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

SY4354_STAMPING: PT B 1962

SY4354_MARK LOGO: CGS

SY4354_MAGNETIC: N = NO MAGNETIC MATERIAL

SY4354_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

SY4354+STABILITY: SURFACE MOTION

SY4354_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

SY4354+SATELLITE: SATELLITE OBSERVATIONS - May 06, 1998

SY4354

SY4354	HISTORY	- Date	Condition	Report By
SY4354	HISTORY	- 1962	MONUMENTED	CGS
SY4354	HISTORY	- 1962	GOOD	CGS
SY4354	HISTORY	- 19900127	GOOD	NGS
SY4354	HISTORY	- 19980506	GOOD	WA-033

SY4354

SY4354 STATION DESCRIPTION

SY4354

SY4354'DESCRIBED BY COAST AND GEODETIC SURVEY 1962 (MEW)

SY4354'THE STATION IS ON THE WESTERN SIDE OF LAKE WASHINGTON, ABOUT 1-1/2

SY4354'MILES SOUTH OF THE FLOATING BRIDGE BETWEEN SEATTLE AND MERCER ISLAND

SY4354'AND ON THE BLACKTOP STRIP AT THE STANLEY S. SAYRES MEMORIAL PARK.

SY4354'

SY4354'THE STATION MARK IS A STANDARD DISK, STAMPED PT B 1962, SET IN A

SY4354'DRILL HOLE IN THE BLACKTOP STRIP, 90 FEET NORTH OF THE NORTH CORNER

SY4354'OF A GLASS-FRONT BUILDING, 83-1/2 FEET SOUTH OF THE SOUTHEAST LEG

SY4354'OF A HOIST WHICH IS MADE UP OF SIX ARCHES, 64 FEET SOUTHWEST OF

SY4354'AND IN LINE WITH THE CENTER OF A NARROW DOCK, 10.7 FEET NORTH OF A

SY4354'CEMENT CULVERT COVERED WITH A STEEL GRILL AND 8.0 FEET

SY4354'NORTH-NORTHEAST OF A 1-1/4 INCH PIPE IN THE CURB.

SY4354'

SY4354'NO REFERENCE MARKS WERE SET FOR THIS STATION.

SY4354

SY4354 STATION RECOVERY (1962)

SY4354

SY4354'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962

SY4354'RECOVERED IN GOOD CONDITION.

SY4354

SY4354 STATION RECOVERY (1990)

SY4354

SY4354'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1990

SY4354'THE STATION IS LOCATED ABOUT 29.0 KM (18.0 MI) EAST OF BREMERTON, 11.3

SY4354'KM (7.0 MI) SOUTH OF BELLEVUE, 8.1 KM (5.0 MI) NORTHWEST OF RENTON,

SY4354'IN THE CITY OF SEATTLE ON THE WEST SHORE LINE OF LAKE WASHINGTON AND

SY4354'IN THE STANLEY S. SAYRES PARK.

SY4354'TO REACH FROM THE JUNCTION OF INTERSTATE HIGHWAY 90 AND STATE ROUTE

SY4354'900, RAINIER AVENUE IN SEATTLE, GO SOUTHEAST ON RAINIER AVENUE FOR

SY4354'1.29 KM (0.80 MI) TO A CROSS ROAD. TURN LEFT AND GO EAST ON MC

SY4354'CLELLAN STREET FOR 0.80 KM (0.50 MI) TO A SIDE ROAD LEFT. TURN LEFT

SY4354'AND GO NORTH ON LAKE PARK DRIVE FOR 0.48 KM (0.30 MI) TO A REVERSE

SY4354'FORK. TURN SHARP RIGHT AND GO EASTERLY ON LAKE WASHINGTON BOULEVARD

SY4354'FOR 1.77 KM (1.10 MI) TO A SIDE ROAD LEFT. TURN LEFT INTO THE

SY4354'STANLEY S. SAYRES MEMORIAL PARK FOR 0.32 TO THE STATION ON THE LEFT.

SY4354'THE MARK IS SET IN THE TOP OF A ROUND CONCRETE MONUMENT THAT IS FLUSH

SY4354'WITH THE STREET SURFACE. IT IS 25.8 M (84.6 FT) EAST OF A WOODEN

SY4354'BULKHEAD, 9.3 M (30.5 FT) NORTHWEST OF A SIGN, VEHICLES WITH TRAILERS

SY4354'ONLY, 6.5 M (21.3 FT) NORTH OF A SIGN, CARS WITH TRAILERS ONLY, 3.8 M

SY4354'(12.5 FT) WEST OF A METAL GRATE EMBEDDED IN THE ROAD AND 2.5 M

SY4354'(8.2 FT) NORTH OF A CURB.

SY4354

SY4354 STATION RECOVERY (1998)

SY4354

SY4354'RECOVERY NOTE BY KING COUNTY WASHINGTON 1998 (DSR)

SY4354'THE STATION IS LOCATED ABOUT 29.0 KM (18.00 MI) EAST OF BREMERTON,

SY4354'11.3 KM (7.00 MI) WEST OF BELLEVUE, 8.1 KM (5.05 MI) NORTHWEST OF

SY4354'RENTON, IN THE CITY OF SEATTLE ON THE WEST SHORE LINE OF LAKE

SY4354'WASHINGTON AND IN THE STANLEY S. SAYRES PARK. TO REACH FROM THE

SY4354'JUNCTION OF I-90 AND SR 900 AKA RAINIER AVE, HEAD SOUTHEAST ON RAINIER

SY4354'AVE FOR 0.9 MI, (1.4 KM) TURN LEFT AND HEAD EAST ON MCCLELLAN ST 0.5

SY4354'MI, (0.8 KM) TURN LEFT AND HEAD NORTH ON LAKE PARK DRIVE 0.3 MI, (0.5

SY4354'KM) TURN SHARP RIGHT AND HEAD SOUTHERLY ON LAKE WASHINGTON BLVD S FOR

SY4354'1.1 MI, (1.8 KM) TURN LEFT INTO STANLEY SAYRES MEMORIAL PARK AND

SY4354'FOLLOW ENTRANCE ROAD TO NORTH END OF PARKING ISLAND. STATION IS DISK

SY4354'SET FLUSH IN CONCRETE MONUMENT THAT IS 84.5 FT (25.8 M) EAST OF

SY4354'BULKHEAD ON WEST SIDE OF PARKING AND IS 3 FT (0.9 M) EAST OF

SY4354'PROJECTION OF THE WEST CURB LINE PARKING ISLAND. THE STATION BEARS

SY4354' (AZ 53) 64 FT (19.5 M) TO CENTER OF WOOD DOCK, BEARS (AZ 140) 11 FT
SY4354' (3.4 M) TO NW CORNER OF METAL GRATE CHANNEL CROSSING PARKING LOT AND
SY4354' BEARS (AZ 158) 29.2 FT (8.9 M) TO HANDICAP AND TRAILER ONLY SIGN AND
SY4354' POST.

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

he NGS Data Sheet

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

DATABASE = Sybase , PROGRAM = datasheet, VERSION = 6.94

1 National Geodetic Survey, Retrieval Date = NOVEMBER 20, 2003

SY4595 *****

SY4595 CBN - This is a Cooperative Base Network Control Station.

SY4595 DESIGNATION - DUWAMISH

SY4595 PID - SY4595

SY4595 STATE/COUNTY- WA/KING

SY4595 USGS QUAD - TACOMA NORTH (1994)

SY4595

SY4595 *CURRENT SURVEY CONTROL

SY4595

SY4595* NAD 83(1998)- 47 35 42.53929(N) 122 23 14.84424(W) ADJUSTED

SY4595* NAVD 88 - 5.2 (meters) 17. (feet) GPS OBS

SY4595

SY4595 X - -2,308,108.176 (meters) COMP

SY4595 Y - -3,638,757.056 (meters) COMP

SY4595 Z - 4,686,624.688 (meters) COMP

SY4595 LAPLACE CORR- -3.85 (seconds) DEFLEC99

SY4595 ELLIP HEIGHT- -18.39 (meters) (03/21/00) GPS OBS

SY4595 GEOID HEIGHT- -23.58 (meters) GEOID99

SY4595

SY4595 HORZ ORDER - A

SY4595 ELLP ORDER - THIRD CLASS II

SY4595

SY4595.The horizontal coordinates were established by GPS observations

SY4595.and adjusted by the National Geodetic Survey in March 2000.

SY4595.This is a SPECIAL STATUS position. See SPECIAL STATUS under the

SY4595.DATUM ITEM on the data sheet items page.

SY4595

SY4595.The orthometric height was determined by GPS observations and a

SY4595.high-resolution geoid model.

SY4595

SY4595.The X, Y, and Z were computed from the position and the ellipsoidal ht.

SY4595

SY4595.The Laplace correction was computed from DEFLEC99 derived deflections.

SY4595

SY4595.The ellipsoidal height was determined by GPS observations

SY4595.and is referenced to NAD 83.

SY4595

SY4595.The geoid height was determined by GEOID99.

SY4595

SY4595; North East Units Scale Converge.

SY4595;SPC WA N - 67,350.093 383,128.380 MT 0.99998361 -1 09 25.5

SY4595;UTM 10 - 5,271,486.164 546,049.242 MT 0.99962606 +0 27 08.3

SY4595

SY4595: Primary Azimuth Mark Grid Az

SY4595:SPC WA N - SEATTLE SPACE NEEDLE 046 39 40.8

SY4595:UTM 10 - SEATTLE SPACE NEEDLE 045 03 07.0

SY4595

SY4595|-----|

SY4595| PID Reference Object Distance Geod. Az |

SY4595| dddmmss.s |

SY4595| SY4179 SEATTLE DARIGOLD STACK APPROX. 3.7 KM 0235107.6 |

SY4595| SY4563 SEATTLE SACRED HEART CH CROSS APPROX. 3.8 KM 0420523.8 |

SY4595| SY4314 SEATTLE SPACE NEEDLE APPROX. 4.0 KM 0453015.3 |

SY4595| SY4562 SEATTLE WASHINGTON PLAZA BLDG APPROX. 4.2 KM 0612626.9 |

SY4595| SY4442 SEATTLE TV STATION KCTS TOWER APPROX. 6.3 KM 0683750.9 |

SY4595| SY4557 SEATTLE TV STA KSTW TWR APPROX. 6.3 KM 0685715.4 |

SY4595| SY4666 DUWAMISH RM 3 10.231 METERS 07053 |

SY4595| SY4561 SEATTLE FIRST NAT BANK BLDG LT APPROX. 4.2 KM 0731323.2 |

SY4595| SY4560 SEATTLE BANK OF CALIF CEN LT APPROX. 4.3 KM 0741046.1 |

SY4595| SY4513 SEATTLE SMITH BUILDING FLAGPOLE APPROX. 4.2 KM 0794420.3 |

SY4595| SY4559 SEATTLE KING CO DOMED STADIUM APPROX. 4.2 KM 0893232.2 |

SY4595| SY4578 SEATTLE KINGDOME FS APPROX. 4.2 KM 0893238.7 |

SY4595| SY4631 ALKI POINT LIGHTHOUSE APPROX. 3.3 KM 2295243.0 |

SY4595| SY5649 DUWAMISH RM 1 9.288 METERS 24411 |

SY4595| SY5188 BAINBRIDGE ISLAND HS WATER TNK APPROX.11.4 KM 2941114.6 |

SY4595| SY5650 DUWAMISH RM 2 9.152 METERS 31619 |

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SY4595| SY4779 WEST PT LIGHTHOUSE          APPROX. 8.3 KM 3340003.1 |
SY4595| SY4672 DUWAMISH HEAD LT 2             415.666 METERS 3544652.2 |
SY4595| SY4669 DUWAMISH HEAD LIGHT 1962        416.144 METERS 3551811.6 |
SY4595| SY4593 DUWAMISH HEAD LIGHT             384.961 METERS 35544   |
SY4595|-----|

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SY4595

SY4595

SUPERSEDED SURVEY CONTROL

SY4595

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SY4595 NAD 83(1991)- 47 35 42.53742(N) 122 23 14.84597(W) AD( ) B
SY4595 ELLIP H (05/29/91) -18.18 (m) GP( ) 4 1
SY4595 NAD 83(1986)- 47 35 42.53175(N) 122 23 14.85129(W) AD( ) 3
SY4595 NAD 27 - 47 35 43.17900(N) 122 23 10.39400(W) AD( ) 3
SY4595 NGVD 29 (05/29/91) 4.12 (m) 13.5 (f) LEVELING 3
SY4595

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SY4595.Superseded values are not recommended for survey control.

SY4595.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

SY4595.See file dsdata.txt to determine how the superseded data were derived.

SY4595

SY4595_U.S. NATIONAL GRID SPATIAL ADDRESS: 10TET4604971486(NAD 83)

SY4595_MARKER: DS = TRIANGULATION STATION DISK

SY4595_SETTING: 37 = CONCRETE SEA WALL

SY4595_STAMPING: DUWAMISH 1933

SY4595_MARK LOGO: CGS

SY4595_PROJECTION: FLUSH

SY4595_MAGNETIC: N = NO MAGNETIC MATERIAL

SY4595_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

SY4595_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

SY4595+SATELLITE: SATELLITE OBSERVATIONS - May 05, 1998

SY4595

SY4595	HISTORY	- Date	Condition	Report By
SY4595	HISTORY	- 1933	MONUMENTED	CGS
SY4595	HISTORY	- 1933	GOOD	CGS
SY4595	HISTORY	- 1934	GOOD	CGS
SY4595	HISTORY	- 1936	GOOD	CGS
SY4595	HISTORY	- 1940	GOOD	CGS
SY4595	HISTORY	- 1955	GOOD	CGS
SY4595	HISTORY	- 1962	GOOD	CGS
SY4595	HISTORY	- 1969	GOOD	CGS
SY4595	HISTORY	- 1973	GOOD	NGS
SY4595	HISTORY	- 1973	GOOD	NGS
SY4595	HISTORY	- 1976	GOOD	NGS
SY4595	HISTORY	- 1978	GOOD	NOS
SY4595	HISTORY	- 1979	GOOD	NOS
SY4595	HISTORY	- 1980	GOOD	NOS
SY4595	HISTORY	- 1983	GOOD	USPSQD
SY4595	HISTORY	- 19851120	GOOD	NGS
SY4595	HISTORY	- 19900110	GOOD	NGS
SY4595	HISTORY	- 19940517	GOOD	NOSPMC
SY4595	HISTORY	- 19980505	GOOD	WA-033
SY4595	HISTORY	- 20020114	GOOD	NGS

SY4595

SY4595

STATION DESCRIPTION

SY4595

SY4595'DESCRIBED BY COAST AND GEODETIC SURVEY 1933 (AMS)

SY4595'STATION IS APPROXIMATELY 40 YARDS W OF THE ROAD INTERSECTION OF

SY4595'RHODE ISLAND STREET AND ALKI AVENUE. STATION IS ALSO APPROXIMATELY

SY4595'OPPOSITE TO HOUSE NO.1152 ALKI AVENUE, SEATTLE. THE STATION IS

SY4595'IN THE VICINITY OF DUWAMISH 1921 (ALKI NE BASE), WHICH WAS DESTROYED

SY4595'BY STREET GRADING IN 1924.

SY4595'

SY4595'STATION IS A STANDARD BRONZE DISK, STAMPED DUWAMISH, 1933, SET IN THE

SY4595'TOP OF THE CONCRETE BREAKWATER, (REAR OF THE FORMER ALKI SWIMMING

SY4595'POOL - ONLY THE FOUNDATION REMAINS AS THE BUILDING WAS DESTROYED

SY4595'BY FIRE) AT THE OUTERMOST POINT OF DUWAMISH HEAD.

SY4595'

SY4595'A STANDARD DISK REFERENCE MARK WAS INSTALLED IN THE CONCRETE SEA

SY4595'WALL, DISTANT 9.290 METERS, BUT DIRECTION WAS NOT OBSERVED.

SY4595

SY4595

STATION RECOVERY (1933)

SY4595

SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1933

SY4595'RECOVERED IN GOOD CONDITION.

SY4595

SY4595

STATION RECOVERY (1934)

SY4595

SY4595

SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1934 (EES)
SY4595'STATION EASILY FOUND, AND IN GOOD CONDITION. NO ADDITIONAL MARKS
SY4595'REQUIRED.
SY4595
SY4595 STATION RECOVERY (1936)
SY4595
SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1936 (HJO)
SY4595'RECOVERED AS DESCRIBED.
SY4595
SY4595 STATION RECOVERY (1940)
SY4595
SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1940 (FHH)
SY4595'THE STATION FOUND AS DESCRIBED, ALL MARKS IN GOOD CONDITION.
SY4595'
SY4595'THE STATION IS A STANDARD DISK STAMPED DUWAMISH - 1933 SET IN THE
SY4595'TOP OF THE CONCRETE BREAKWATER (REAR OF THE FORMER LUNA PARK
SY4595'SWIMMING POOL WHICH WAS DESTROYED BY FIRE, LEAVING ONLY THE
SY4595'FOUNDATION) AT THE OUTERMOST POINT OF DUWAMISH HEAD. THE STATION IS
SY4595'APPROXIMATELY 40 YDS. WEST OF THE ROAD INTERSECTION OF RHODE
SY4595'ISLAND ST. AND ALKI AVE., AND APPROXIMATELY OPPOSITE THE HOUSE
SY4595'BEARING THE NUMBER 1152 ALKI AVE.
SY4595
SY4595 STATION RECOVERY (1955)
SY4595
SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1955 (LSH)
SY4595'THE STATION WAS EASILY RECOVERED AS DESCRIBED AND AS SUBSEQUENTLY
SY4595'AMENDED, AND WAS IN GOOD CONDITION. THE LUNA PARK POOL FOUNDATION
SY4595'HAS BEEN EARTH-FILLED IN RECENT YEARS AND THE WOODEN PIERS IN THE
SY4595'1936 RECOVERY NOTE HAVE BEEN REMOVED.
SY4595
SY4595 STATION RECOVERY (1962)
SY4595
SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1962 (MEW)
SY4595'THE STATION WAS RECOVERED AS DESCRIBED AND ALL MARKS FOUND IN GOOD
SY4595'CONDITION. A COMPLETE NEW DESCRIPTION FOLLOWS.
SY4595'
SY4595'THE STATION IS ON THE NORTH SIDE OF ALKI AVENUE, ON THE SOUTH SIDE OF
SY4595'AN OLD DIRT-FILLED SWIMMING POOL WHICH HAS BEEN MADE INTO A SMALL
SY4595'PARK, AND ON THE OUTERMOST POINT OF DUWAMISH HEAD.
SY4595'
SY4595'THE STATION MARK IS A STANDARD DISK SET IN THE TOP OF THE BREAKWATER
SY4595'WALL, 48 FEET WEST OF THE ENTRANCE TO THE SMALL PARK ON ALKI
SY4595'AVENUE, 44 FEET NORTH OF THE CENTER OF ALKI AVENUE, 29 FEET WEST OF A
SY4595'POWER LINE GUY POLE, 8.8 FEET NORTHWEST OF THE BASE OF A STREET
SY4595'LIGHT AND 1 FOOT SOUTH OF THE NORTH EDGE OF THE RETAINING WALL.
SY4595'THE MARK IS STAMPED DUWAMISH 1933.
SY4595'
SY4595'REference MARK NO. 1, STAMPED DUWAMISH RM 1, IS A STANDARD DISK
SY4595'SET IN THE TOP OF THE RETAINING WALL, 43 FEET NORTH OF THE CENTER OF
SY4595'ALKI AVENUE AND 35 FEET WEST OF THE BASE OF THE STREET LIGHT.
SY4595
SY4595 STATION RECOVERY (1969)
SY4595
SY4595'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1969 (RBM)
SY4595'THE STATION AND REFERENCE MARK 1 WERE RECOVERED IN GOOD CONDITION.
SY4595'REFERENCE MARK 2 WAS ESTABLISHED.
SY4595'
SY4595'LOCATED IN THE WEST SEATTLE AREA OF THE CITY OF SEATTLE ON DUWAMISH
SY4595'HEAD AND ALONG THE NORTH EDGE OF ALKI AVENUE, 28 FEET SOUTH OF A
SY4595'SMALL PARK, AND ABOUT ON THE NORTH PROLONGATION OF THE EAST WALL OF
SY4595'THE GOLDEN SURF APARTMENTS AT 1156 ALKI AVENUE S. W.
SY4595'
SY4595'THE STATION IS A STANDARD DISK STAMPED DUWAMISH 1933 SET IN THE
SY4595'TOP OF THE CONCRETE SEAWALL 9.6 FEET NORTH OF THE NORTH CURB OF
SY4595'ALKI AVENUE, 9.2 FEET NORTH-NORTHWEST OF A STREET LAMPPOST, 0.8
SY4595'FEET SOUTH OF THE NORTH EDGE OF THE SEAWALL.
SY4595'
SY4595'REFERENCE MARK 1 IS A STANDARD DISK STAMPED DUWAMISH RM1 SET IN
SY4595'THE TOP OF THE CONCRETE SEAWALL, 8.9 FEET NORTH OF THE NORTH CURB OF
SY4595'ALKI AVENUE AND 0.5 FEET SOUTH OF THE NORTH EDGE OF THE WALL.
SY4595'
SY4595'REFERENCE MARK 2 IS A STANDARD DISK STAMPED DUWAMISH NO2 1933 1969
SY4595'SET IN THE TOP OF THE MASONRY RETAINING WALL ALONG THE SOUTH SIDE OF
SY4595'A SMALL PARK, 32.8 FEET EAST OF THE SOUTHWEST CORNER OF THE WALL,
SY4595'AND 28.0 FEET NORTH OF THE SEAWALL.

11/20/03

SY4595 STATION RECOVERY (1985)
SY4595
SY4595'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1985 (LLR)
SY4595'RECOVERED AS DESCRIBED.

SY4595
SY4595 STATION RECOVERY (1990)
SY4595
SY4595'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1990
SY4595'THE STATION IS LOCATED ABOUT 27.4 KM (17.0 MI) SOUTHEAST OF POULSBO,
SY4595'19.3 KM (12.0 MI) EAST OF BREMERTON, 19.3 KM (12.0 MI) NORTHWEST OF
SY4595'RENTON, IN THE CITY OF SEATTLE AT DUWAMISH HEAD AND IN SECTION 2,
SY4595'T24N, R3E.
SY4595'TO REACH FROM THE JUNCTION OF INTERSTATE HIGHWAY 5 AND SPOKANE STREET
SY4595'IN SEATTLE, GO WEST ON SPOKANE STREET FOR 3.70 KM (2.30 MI) TO THE
SY4595'HARBOR AVENUE EXIT. BEAR RIGHT ON THE EXIT RAMP FOR 0.32 KM
SY4595'(0.20 MI) TO A T-INTERSECTION. TURN RIGHT AND GO NORTHWEST ON
SY4595'HARBOR AVENUE SOUTHWEST FOR 3.22 KM (2.00 MI) TO THE STATION ON THE
SY4595'RIGHT.
SY4595'THE MARK IS SET IN A DRILL HOLE IN THE CONCRETE SEAWALL. IT IS 15.2 M
SY4595'(49.9 FT) NORTHWEST OF THE CENTER OF HARBOR AVENUE SOUTHWEST, 15.2 M
SY4595'(49.9 FT) SOUTHWEST OF THE CENTER OF A SURFACED ENTRANCE TO THE PARK,
SY4595'8.7 M (28.5 FT) SOUTHEAST OF A CHAIN FENCE, 9.1 M (29.9 FT)
SY4595'NORTHWEST OF A LIGHT POLE AND 7.0 M (23.0 FT) EAST OF A 1-1/2 INCH
SY4595'IRON PIPE.

SY4595
SY4595 STATION RECOVERY (1994)
SY4595
SY4595'RECOVERY NOTE BY PACIFIC MARINE CENTER 1994 (JGF)
SY4595'RECOVERED AS DESCRIBED.

SY4595
SY4595 STATION RECOVERY (1998)
SY4595
SY4595'RECOVERY NOTE BY KING COUNTY WASHINGTON 1998 (DSR)
SY4595'LOCATION AND TO REACH SAME AS 1990 RECOVERY WITH STATION BEING
SY4595'OPPOSITE BUILDING AT 1150 ALKI AVE SW. MARK IS SET IN A DRILL IN THE
SY4595'OLD CONCRETE SEA WALL SOUTH OF THE NEW SIDEWALK AND SMALL PARK AND IS
SY4595'19 FT (5.8 M) EASTERLY OF TOP OF STAIRS AND 16 FT (4.9 M) NORTHERLY OF
SY4595'NORTH EDGE OF SIDEWALK ADJACENT TO ALKI AVE. STATION BEARS (AZ 154)
SY4595'31 FT (9.4 M) TO STREET LIGHT, BEARS (AZ 244-11) 9.228 M (30.276 FT)
SY4595'TO RM1, AND 9.152 M (30.026 FT) (AZ 316-19) TO RM2, BUT ONLY GROUT
SY4595'REMAINS WAS FOUND AT DUWAMISH RM3 (NO DRILL HOLE FOUND, STEM WAS
SY4595'CHOPPED OFF TO FIT SMALL CHISEL INDENTATION IN CONCRETE WALL) .

SY4595
SY4595 STATION RECOVERY (2002)
SY4595
SY4595'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2002 (DB)
SY4595'THIS REPORT WAS SUBMITTED BY THE US POWER SQUADRONS.

*** retrieval complete.
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