

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

PROGRAM = datasheet95, VERSION = 8.12.5.2

1 National Geodetic Survey, Retrieval Date = MAY 15, 2019

TT0419 *****

TT0419 DESIGNATION - BOHAN

TT0419 PID - TT0419

TT0419 STATE/COUNTY- AK/KENAI PENINSULA BOROUGH

TT0419 COUNTRY - US

TT0419 USGS QUAD - SEWARD B-8

TT0419

TT0419 *CURRENT SURVEY CONTROL

TT0419

TT0419* NAD 83(1986) POSITION- 60 29 40.41957(N) 149 48 24.19791(W) ADJUSTED

TT0419* NAVD 88 ORTHO HEIGHT - 145.632 (meters) 477.79 (feet) ADJUSTED

TT0419

TT0419 GEOID HEIGHT - 10.917 (meters) GEOID12B

TT0419 LAPLACE CORR - -5.62 (seconds) DEFLEC12B

TT0419 DYNAMIC HEIGHT - 145.818 (meters) 478.40 (feet) COMP

TT0419 MODELED GRAVITY - 981,866.6 (mgal) NAVD 88

TT0419

TT0419 HORZ ORDER - SECOND

TT0419 VERT ORDER - FIRST CLASS II

TT0419

TT0419.The horizontal coordinates were established by classical geodetic methods

TT0419.and adjusted by the National Geodetic Survey in July 1986.

TT0419.

TT0419.The orthometric height was determined by differential leveling and

TT0419.adjusted by the NATIONAL GEODETIC SURVEY

TT0419.in June 1991.

TT0419

TT0419.Significant digits in the geoid height do not necessarily reflect accuracy.

TT0419.GEOID12B height accuracy estimate available here.

TT0419

TT0419.The Laplace correction was computed from DEFLEC12B derived deflections.

TT0419

TT0419.The dynamic height is computed by dividing the NAVD 88

TT0419.geopotential number by the normal gravity value computed on the

TT0419.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

TT0419.degrees latitude (g = 980.6199 gals.).

TT0419

TT0419.The modeled gravity was interpolated from observed gravity values.

TT0419

TT0419. The following values were computed from the NAD 83(1986) position.

TT0419

TT0419; North East Units Scale Factor Converg.

TT0419;SPC AK 4 - 723,202.301 510,622.485 MT 0.99990138 +0 10 05.6

TT0419;UTM 06 - 6,709,778.942 345,821.816 MT 0.99989129 -2 26 35.5

TT0419

TT0419! - Elev Factor x Scale Factor = Combined Factor

TT0419!SPC AK 4 - 0.99997550 x 0.99990138 = 0.99987688

TT0419!UTM 06 - 0.99997550 x 0.99989129 = 0.99986679

TT0419

TT0419: Primary Azimuth Mark Grid Az

TT0419:SPC AK 4 - BOHAN AZ MK 212 43 21.7

TT0419:UTM 06 - BOHAN AZ MK 215 20 02.8

TT0419

TT0419_U.S. NATIONAL GRID SPATIAL ADDRESS: 6VUN4582109778(NAD 83)

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TT0419|-----|

TT0419| PID Reference Object Distance Geod. Az |

TT0419| dddmmss.s |

TT0419| TT0421 BOHAN RM 1 02028 |

TT0419| TT0420 BOHAN RM 2 10158 |

TT0419| TT0418 BOHAN AZ MK 2125327.3 |

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TT0419 SUPERSEDED SURVEY CONTROL

TT0419

TT0419 NAD 27 - 60 29 42.44046(N) 149 48 16.38366(W) AD() 2

TT0419 NGVD 29 (??/??/92) 143.782 (m) 471.72 (f) ADJ UNCH 1 2

TT0419 NGVD 29 143.78 (m) 471.7 (f) LEVELING 3

TT0419

TT0419.Superseded values are not recommended for survey control.

TT0419

TT0419.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

TT0419.See file dsdata.pdf to determine how the superseded data were derived.

TT0419

TT0419_MARKER: DS = TRIANGULATION STATION DISK

TT0419_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

TT0419_STAMPING: BOHAN 1964

TT0419_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

TT0419_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR

TT0419+SATELLITE: SATELLITE OBSERVATIONS - July 07, 2007

TT0419

TT0419 HISTORY - Date Condition Report By

TT0419 HISTORY - 1964 MONUMENTED CGS

TT0419 HISTORY - 1964 GOOD CGS

TT0419 HISTORY - 20070707 GOOD GEOCAC

TT0419

TT0419 STATION DESCRIPTION

TT0419

TT0419'DESCRIBED BY COAST AND GEODETIC SURVEY 1964 (VBM)

TT0419'THE STATION IS LOCATED ABOUT 1 MILE NORTHEAST OF COOPERS

TT0419'LANDING, 1/8 MILE NORTH OF THE BRIDGE OVER THE KENAI RIVER AND

TT0419'APPROXIMATELY 100 YARDS SOUTHEAST OF THE COOPERS LANDING SCHOOL

TT0419'HOUSE.

TT0419'

TT0419'TO REACH FROM THE JUNCTION OF THE HOMER-KENAI ROADS IN SOLDATNA,
TT0419'GO NORTH AND EAST ON STATE HIGHWAY 1 FOR 11.7 MILES TO BRIDGE
TT0419'OVER MOOSE RIVER, CONTINUE EASTERLY ON STATE HIGHWAY 1 FOR 30.1
TT0419'MILES TO A BRIDGE, CONTINUE EASTERLY ON STATE HIGHWAY 1 FOR
TT0419'5.15 MILES TO A SIDE ROAD RIGHT AND THE AZIMUTH MARK AND BENCH
TT0419'MARK V 77 ON THE RIGHT. GO NORTHERLY CROSSING THE BRIDGE OVER
TT0419'THE KENAI RIVER FOR 0.2 MILE, TURN LEFT ON A GRAVELED ROAD FOR
TT0419'0.1 MILE TO A T ROAD, TURN RIGHT AND GO EASTERLY PASSING THE
TT0419'SCHOOL HOUSE FOR 0.05 MILE TO THE STATION ON THE LEFT.

TT0419'

TT0419'STATION MARK, A STANDARD TRIANGULATION DISK SET IN A ROUND
TT0419'CONCRETE POST WHICH IS FLUSH WITH THE SURFACE OF THE GROUND
TT0419'AND THE DISK IS STAMPED BOHAN 1964. THE MARK IS 6 FEET
TT0419'EAST-SOUTHEAST OF A TRIANGLE BLAZED POPLAR TREE, 6.2 FEET
TT0419'NORTH-NORTHWEST OF A WITNESS POST, 25.5 FEET NORTH OF THE
TT0419'CENTER OF A GRAVELED ROAD, 48 FEET EAST OF THE CENTER OF
TT0419'DRIVEWAY TO SCHOOL HOUSE AND APPROXIMATELY 100 YARDS NORTH OF
TT0419'STATE HIGHWAY 1.

TT0419'

TT0419'REFERENCE MARK 1, A STANDARD REFERENCE DISK SET IN A ROUND
TT0419'CONCRETE POST WHICH PROJECTS 2 INCHES ABOVE THE SURFACE OF THE
TT0419'GROUND AND THE DISK IS STAMPED BOHAN NO 1 1964. THE MARK IS
TT0419'19.5 FEET NORTH-NORTHEAST OF A TRIANGLE BLAZED POPLAR TREE, 25.5
TT0419'FEET NORTH OF A WITNESS POST AND 45 FEET NORTH OF THE CENTER
TT0419'OF A GRAVELED ROAD.

TT0419'

TT0419'REFERENCE MARK 2, A STANDARD REFERENCE DISK SET IN A ROUND
TT0419'CONCRETE POST WHICH PROJECTS 4 INCHES ABOVE THE SURFACE OF THE
TT0419'GROUND AND THE DISK IS STAMPED BOHAN NO 2 1964. THE MARK IS
TT0419'3 FEET NORTHEAST OF A TRIANGLE BLAZED POPLAR TREE, 19 FEET
TT0419'EAST OF A WITNESS POST, 24 FEET NORTH OF THE CENTER OF A GRAVELED
TT0419'ROAD AND 26 FEET NORTHEAST OF A TRIANGLE BLAZED POPLAR TREE.

TT0419'

TT0419'AZIMUTH MARK, A STANDARD AZIMUTH DISK SET IN A ROUND CONCRETE
TT0419'POST WHICH PROJECTS 6 INCHES AND THE DISK IS STAMPED BOHAN
TT0419'1964. THE MARK IS 87 FEET EAST OF THE CENTER OF STATE HIGHWAY
TT0419'1, 52 FEET NORTH OF THE CENTER OF SNUG HARBOR ROAD, 27 FEET
TT0419'EAST OF THE CENTER OF THE DRIVE TO KENAI BAPTIST CHURCH,
TT0419'4 FEET NORTHWEST OF BENCH MARK V 77 AND 2.7 FEET NORTHWEST OF
TT0419'A WITNESS POST.

TT0419'

TT0419'THE DISTANCE BETWEEN REFERENCE MARKS IS 26.82 FEET OR 8.177
TT0419'METERS.

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TT0419 STATION RECOVERY (1964)

TT0419

TT0419'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1964

TT0419'47.4 MI E FROM SOLDOTNA.

TT0419'11.7 MILES EAST ALONG THE STERLING HIGHWAY FROM SOLDOTNA TO THE BRIDGE
TT0419'OVER MOOSE RIVER, CONTINUE EAST ALONG STERLING HIGHWAY FOR 36.6 MILES

TT0419'TO THE BRIDGE OVER THE KENAI RIVER AT COOPERS LANDING, CONTINUE EAST
TT0419'ACROSS BRIDGE FOR ABOUT 0.1 MILE TO A SIDE ROAD LEFT. TURN LEFT ALONG
TT0419'THE GRAVELED ROAD FOR 0.1 MILE TO A T-INTERSECTION. TURN RIGHT PASSING
TT0419'A SCHOOL FOR 0.05 MILE TO THE MARK ON THE LEFT. THE MARK IS 48 FEET
TT0419'EAST OF THE CENTER OF THE DRIVEWAY LEADING TO THE SCHOOL, 25 1/2 FEET
TT0419'NORTH OF THE CENTER OF THE GRAVELED ROAD, 6.2 FEET NORTH-NORTHWEST OF
TT0419'THE WITNESS POST AND ABOUT 100 YARDS NORTH OF STERLING HIGHWAY.

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TT0419 STATION RECOVERY (2007)

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TT0419'RECOVERY NOTE BY GEOCACHING 2007 (WS)

TT0419'KENAI PENINSULA BOROUGH, AK

*** retrieval complete.

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