

IRC3

DATASHEETS

The NGS Data Sheet See file dsdata.txt for more information about the datasheet. DATABASE = , PROGRAM = datasheet, VERSION = 7.86

1 National Geodetic Survey, Retrieval Date = APRIL 13, 2011

DM3690 \*\*\*\*\*  
 DM3690 DESIGNATION - IRC3  
 DM3690 PID - DM3690  
 DM3690 STATE/COUNTY- FL/INDIAN RIVER  
 DM3690 USGS QUAD - FELLSMERE (1992)

DM3690 \*CURRENT SURVEY CONTROL

DM3690\* NAD 83(2007)- 27 46 12.46012(N) 080 36 05.45432(W) ADJUSTED  
 DM3690\* NAVD 88 - 12.8 (meters) 42. (feet) GPS OBS

DM3690 EPOCH DATE - 2002.00  
 DM3690 X - 922,255.783 (meters) COMP  
 DM3690 Y - -5,571,809.961 (meters) COMP  
 DM3690 Z - 2,953,982.344 (meters) COMP  
 DM3690 LAPLACE CORR- -1.50 (seconds) DEFLEC09  
 DM3690 ELLIP HEIGHT- -14.806 (meters) (10/08/10) ADJUSTED  
 DM3690 GEOID HEIGHT- -27.63 (meters) GEOID09  
 DM3690 HORIZ ORDER - FIRST  
 DM3690 ELLP ORDER - FIRST CLASS I

DM3690. The horizontal coordinates were established by GPS observations  
 DM3690. and adjusted by the CREECH ENGINEERS INC in October 2010.  
 DM3690. The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).  
 DM3690. See National Readjustment for more information.  
 DM3690. The horizontal coordinates are valid at the epoch date displayed above.  
 DM3690. The epoch date for horizontal control is a decimal equivalence  
 DM3690. of Year/Month/Day.  
 DM3690. The orthometric height was determined by GPS observations and a  
 DM3690. high-resolution geoid model.  
 DM3690. The X, Y, and Z were computed from the position and the ellipsoidal ht.  
 DM3690. The Laplace correction was computed from DEFLEC09 derived deflections.  
 DM3690. The ellipsoidal height was determined by GPS observations  
 DM3690. and is referenced to NAD 83.  
 DM3690. The geoid height was determined by GEOID09.

	North	East	Units	Scale Factor	Converg.
DM3690; SPC FL E	- 380,800.237	239,276.451	MT	0.99996021	+0 11 08.4
DM3690; SPC FL E	- 1,249,342.11	785,026.16	sFT	0.99996021	+0 11 08.4
DM3690; UTM 17	- 3,071,802.291	539,263.050	MT	0.99961903	+0 11 08.4
DM3690!	- Elev Factor	x Scale Factor	=	Combined Factor	
DM3690! SPC FL E	- 1.00000233	x 0.99996021	=	0.99996254	
DM3690! UTM 17	- 1.00000233	x 0.99961903	=	0.99962135	

DM3690 SUPERSEDED SURVEY CONTROL

DM3690. No superseded survey control is available for this station.

DM3690\_U. S. NATIONAL GRID SPATIAL ADDRESS: 17RNL3926371802(NAD 83)

IRC3

DM3690\_MARKER: Z = SEE DESCRIPTION  
DM3690\_SETTING: 36 = SET IN A MASSIVE STRUCTURE  
DM3690\_SP\_SET: ANTENNA ON ROOF  
DM3690\_MAGNETIC: N = NO MAGNETIC MATERIAL  
DM3690\_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL  
DM3690\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
DM3690+SATELLITE: SATELLITE OBSERVATIONS - August 17, 2010

DM3690	HISTORY	- Date	Condition	Report By
DM3690	HISTORY	- 20100817	MONUMENTED	

DM3690

STATION DESCRIPTION

DM3690

DM3690' DESCRIBED 2010

DM3690' DESCRIBED BY INDIAN RIVER COUNTY FLORIDA 2010 THE STATION IS LOCATED  
DM3690' IN FELLSMERE, IN SECTION 23, TOWNSHIP 31 SOUTH, RANGE 37 EAST.

DM3690'

DM3690' FROM THE INTERSECTION OF STATE ROAD 9 (INTERSTATE 95) AND COUNTY ROAD  
DM3690' 512 (EXIT 156) RUN WEST ALONG COUNTY ROAD 512 FOR 2.75 MI (4.4 KM) TO  
DM3690' THE FELLSMERE POST OFFICE (ADDRESS 15 NORTH OAK STREET) WHICH IS TO  
DM3690' THE RIGHT. THENCE CONTINUE WEST ALONG COUNTY ROAD 512 0.34 MI (0.5  
DM3690' KM) TO THE INTERSECTION WITH NORTH BROADWAY STREET. TURN RIGHT,  
DM3690' THENCE GO NORTH ALONG NORTH BROADWAY STREET 0.17 MI (0.3 KM) TO THE  
DM3690' SOUTH SIDE OF THE BUILDING FOR FIRE STATION NO. 10, WHICH IS ON THE  
DM3690' LEFT. THENCE GO WEST APPROXIMATELY 85 FT (25.9 M) TO THE SOUTH SIDE  
DM3690' OF THE BUILDING. THE GLOBAL POSITIONING SYSTEM (G. P. S.) ANTENNA IS  
DM3690' ATTACHED TO A PARAPET WALL ON THE ROOF OF THE BUILDING.

DM3690'

DM3690' BLUE BOOK POINT WILL BE THE MANUFACTURE REFERENCE POINT/ CENTER/ BASE  
DM3690' OF ANTENNA. THE STATION IS CONTINUOUSLY OPERATED BY THE INDIAN RIVER  
DM3690' COUNTY SURVEY DEPARTMENT PHONE NUMBER 772)567-8000.

\*\*\* retrieval complete.  
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