

## SCHEDA TECNICA

### NOVARA Site Information Form International GPS Service for Geodynamics

#### 0. Form

Prepared by (full name) : Ambrogio Manzino  
Date Prepared : 06-NOV-2001  
Report Type : NEW INSTALLATION  
Prepared Using :

#### 1. Site Identification of the GPS Monument

Site Name : Novara Comune Largo Don Minzoni 8  
Four Character ID : NOVA  
Monument Inscription :  
IERS DOMES Number : 12759M001  
CDP Number :  
Date Installed : (01-MAY-1998 00:00 UT)  
Geologic Characteristic : ALLUVIAL FAN  
Bedrock Type : GRAVEL AND SAND  
Bedrock Condition :  
Fracture Spacing :  
Notes :  
Additional Information :

#### 2. Site Location Information

City or Town : Novara  
State or Province : Piemonte  
Country : ITALY  
Tectonic Plate : MEDITERRANEAN STRUCTURE BETWEEN AFRICAN PLATE  
AND ADRIATIC PLATE (EURO-ASIATIC BLOCK)  
Approximate Position  
X coordinate (m) : 4431899.395  
Y coordinate (m) : 671366.943  
Z coordinate (m) : 4522512.024  
Latitude (deg) : 45.4472 N  
Longitude (deg) : 8.6140 E  
Elevation (m) : 218.570 Q (WGS84)  
Additional Information : orthometric elevation 174.57 m  
: In previous version, X/Y/Z coord. were not correct

#### 3. GPS Receiver Information

3.1 Receiver Type : TRIMBLE 4000SSI  
Serial Number : 3639A - 15784

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Firmware Version      : 7.29
Date Installed        : 01-MAY-1998
Date Removed         :
Additional Information : logging - TRIMBLE URS software

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4. GPS Antenna Information

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4.1 Antenna Type      : TRM29659.00
                        : TRIMBLE L1/L2 DORN MARGOLIN ELEMENT
                        : WITH CHOKERINGS
Serial Number         : SN0220071791
Antenna Height (m)   : 0.000
Antenna Reference Point : BOTTOM OF THE ANTENNA MOUNT
Degree Offset from North :
Antenna Radome Type   :
Date Installed        : 01-MAY-1998
Date Removed         :
Additional Information :

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5. Local Site Ties

Monument Date Name	CDP Number	DOMES Number	dX	dY	dZ	Accuracy mm yy-mm-dd
NOVA(MARKER 1)	1	.....	0.000	0.000	0.000	
C1 (MARKER 2)	2	.....	5.085	-9.006	2.381	2 00-03-19
C2 (MARKER 3)	3	.....	3.959	-6.988	-6.744	2 00-03-19
C3 (MARKER 4)	4	.....	-3.201	14.355	-2.914	2 00-03-19
C4 (MARKER 5)	5	.....	4.937	6.713	-9.925	2 00-03-19

Differential coordinates from the GPS monument to the reference and other monuments. The components are parallel to the XYZ-axes of the global geocentric reference system ITRF (WGS-84).

"Accuracy" is estimated accuracy of local survey (millimeters).

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5.1 Monument Name      :
Site Ref CDP Number    :
Site Ref Domes Number  : 12759M001

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Differential Components from GPS Mark to Site Reference (ITRS) (O-R)
dx (m)                  :
dy (m)                  :
dz (m)                  :
Accuracy (mm)           :
Date Measured           :

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Additional Information :

6. Frequency Standard

7. Collocation Information

7.1 Instrumentation Type :  
    Status :  
    Effective Dates :  
    Notes :

8. Meteorological Instrumentation

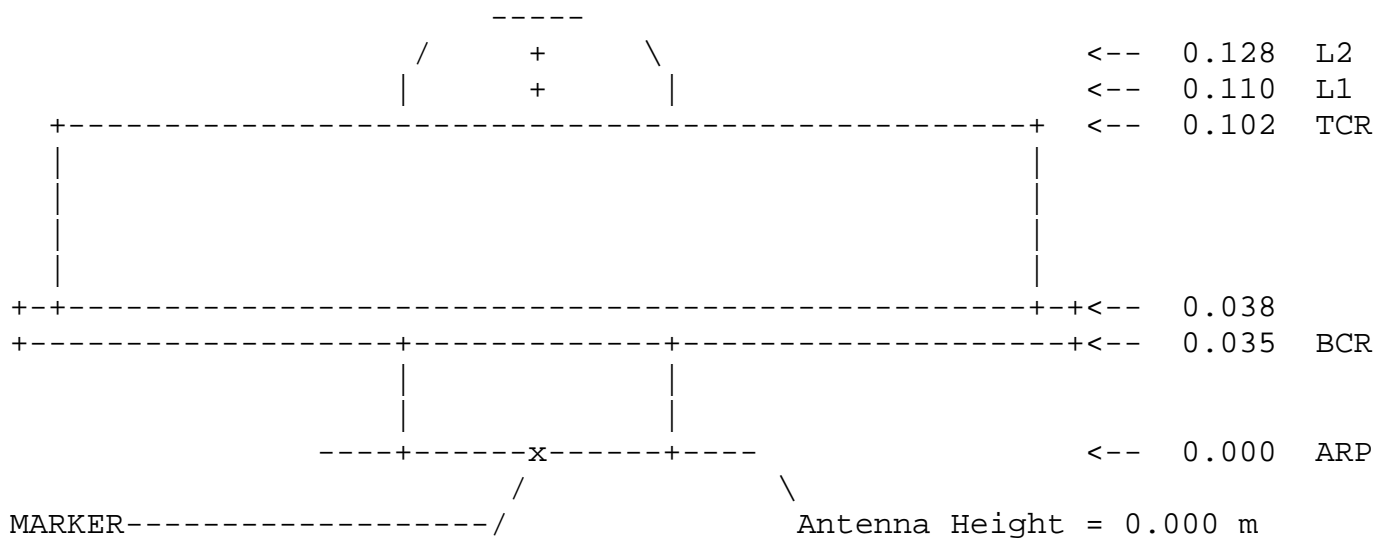
8.1 Instrumentation Type :  
    : thermo-igrometer  
    : pluviometer  
    : anemometer

9. On-Site, Point of Contact Agency Information

Agency : Comune di Novara Area Sviluppo Urbano  
          : Servizio Sistema Informativo Territoriale  
Mailing Address : Via G. Ferrari 13 NOVARA, ITALY  
Primary Contact  
    Contact Name : Dott Roberto Stampini/Geom Claudio Porzio  
    Telephone (primary) : ++39.0321.3702709  
    Telephone (secondary) : ++39.0321.3702726  
    Fax : ++39.0321.3702725  
    E-mail : ufficio.sit@comune.novara.it  
           : cc: Manzino@polito.it

Antenna Graphics with Dimensions

Trimble: CHOKE RING



ARP = Antenna Reference Point