Table T7

TRANSFORMATION PARAMETERS FROM ITRF90 TO INDIVIDUAL SYSTEMS
(TO BE USED USING THE FORMULA BELOW)

NETWORK	T1 cm	T2 cm	T3 cm	D (10**-8)	R1 .001"	R2 .001"	R3 .001"
SSC(GSFC) 91 R 02	8.0	4.8	-7.8	-0.1	1.0	0.7	-2.5
	0.9	0.9	0.8	0.1	0.4	0.3	0.2
SSC(NGS) 91 R 01	2.5	6.5	-2.6	0.1	-4.2	9.9	-0.4
	1.0	1.0	0.9	0.1	0.4	0.4	0.3
SSC(USNO) 91 R 02	-8.2	-15.3	-0.1	-1.1	-0.2	0.4	1.2
	1.2	1.3	1.3	0.2	0.6	0.4	0.3
SSC(JPL) 91 R 01	-1.8	1.8	-0.2	-0.5	2.5	1.7	0.3
	1.6	1.5	1.7	0.2	0.7	0.7	0.6
SSC(CSR) 91 L 03	0	0	0	0	0.2	-0.4	4.3
	-	-	-	-	-	-	-
SSC(GSFC) 91 L 01	-0.6	0.3	-1.8	0.2	-1.2	6.0	-8.8
	0.8	0.8	0.7	0.1	0.3	0.3	0.3
SSC(DGFII)91 L 01	-0.4	-0.8	0.1	-0.3	-284.4	-44.6	5.0
	0.8	0.7	0.7	0.1	0.3	0.3	0.2
SSC(DUT) 91 L 01	1.1	0.4	-3.3	-0.7	0.3	1.1	-4.6
	0.7	0.7	0.6	0.1	0.3	0.3	0.2
SSC(ZIPE) 91 L 01	-0.3	-0.1	-1.4	-0.3	0.2	0.0	0.2
	0.6	0.7	0.6	0.1	0.3	0.3	0.2
SSC(GAOUA)91 L 02	-2.2	1.3	-5.4	-0.3	-0.2	3.2	-3.0
	0.9	0.9	0.9	0.1	0.4	0.4	0.3
SSC(NAL) 91 L 01	0.6	0.8	-1.9	0.2	1.7	-0.8	0.6
	1.4	1.2	1.3	0.2	0.5	0.7	0.5
SSC(UTXMO)91 M 01	-4.3	0.5	10.6	-3.2	-4.5	2.1	22.8
	2.3	2.8	2.3	0.3	1.1	0.8	0.9
SSC(JPL) 91 M 01	-7.6	-2.1	2.0	-1.8	0.9	3.4	-39.4
	3.6	4.0	3.8	0.5	1.9	1.4	1.0

$$\begin{pmatrix} XS \\ YS \\ ZS \end{pmatrix} = \begin{pmatrix} X \\ Y \\ Z \end{pmatrix} + \begin{pmatrix} T1 \\ T2 \\ T3 \end{pmatrix} + \begin{pmatrix} D & -R3 & R2 \\ R3 & D & -R1 \\ -R2 & R1 & D \end{pmatrix} \begin{pmatrix} X \\ Y \\ Z \end{pmatrix}$$

Where X,Y,Z are the coordinates in the ITRF90 system, and XS,YS,ZS are the coordinates in the individuel system.