Table T7

TRANSFORMATION PARAMETERS FROM ITRF92 TO INDIVIDUAL FRAMES
AT EPOCH 1988.0 (To be used with the formula below)

SOLUTION		T1 cm	T2 cm	T3 cm	D (10**-8)	R1 .001"	R2 .001"	R3 .001"
VERY LONG BASELINE INTERFEROMETRY								
SSC(GIUB)	93 R 01	3.0	3.2	1.8	0.00	-0.68	-0.08	-1.75
		0.8	0.7	0.8	0.09	0.29	0.33	0.25
SSC(GSFC)	93 R 04	1.2	1.9	-0.4	0.02	1.38	-0.45	-3.52
		0.5	0.5	0.5	0.07	0.21	0.20	0.15
SSC(JPL)	93 R 01	0.1	1.5	-1.3	0.15	-0.18	0.56	0.24
		1.2	1.0	1.3	0.17	0.48	0.57	0.51
SSC(NOAA)	93 R 02	0.3	2.3	-1.0	0.32	0.18	-0.07	1.06
		0.5	0.5	0.5	0.07	0.21	0.20	0.15
SSC(USNO)	93 R 09	7.6	2.5	-2.2	0.06	-0.17	-0.34	-2.12
		0.6	0.6	0.6	0.08	0.25	0.23	0.18
LUNAR LASER RANGING								
SSC(JPL)	93 M 01	-4.6	0.5	-2.6	-1.66	-0.16	0.57	-41.34
		2.9	3.3	3.1	0.38	1.53	1.12	0.83
SSC(SHA)	93 M 01	-15.4	2.0	3.8	-2.49	3.08	2.82	2.01
		3.5	4.0	3.6	0.45	1.94	1.32	0.99
SSC(UTXMO)	93 M 01	-2.6	0.8	11.8	-3.06	-4.55	1.53	55.23
		3.4	3.8	3.6	0.44	1.78	1.30	0.96
GLOBAL POSITIONING SYSTEM								
SSC(CODE)	92 P 01	-3.7	6.2	2.6	0.19	0.65	1.72	-1.96
		1.4	2.5	1.4	0.20	0.73	0.51	0.60
SSC(CSR)	92 P 03	0.7	2.4	-1.5	0.53	0.23	0.08	0.48
		0.6	0.8	0.6	0.09	0.32	0.24	0.21
SSC(EMR)	93 P 01	1.5	0.8	0.9	-0.04	0.18	0.35	0.16
		0.5	0.6	0.5	0.08	0.23	0.21	0.18
SSC(ESOC)	93 P 01	5.4	0.4	-6.5	0.48	-1.10	-2.00	-0.69
		1.2	1.2	1.0	0.15	0.47	0.43	0.36
SSC(JPL)	93 P 01	2.1	1.0	-0.9	-0.10	-0.21	-0.01	0.13
		0.5	0.5	0.5	0.07	0.22	0.20	0.18
SSC(SIO)	93 P 01	0.0	3.8	0.1	0.29	0.78	0.33	0.41
		0.7	0.7	0.6	0.09	0.28	0.26	0.21

SATELLITE LASER RANGING

SSC(CLG)	93 L 01	11.5	8.9	1.0	0.17	4.06	-4.79	-0.96
		1.6	1.4	1.5	0.20	0.66	0.66	0.48
SSC(CSR)	93 L 01	0.0	0.0	0.0	0.00	-0.47	0.74	-1.41
SSC(DUT)	93 L 02	2.4	1.7	0.4	0.03	0.24	0.35	-0.32
		0.5	0.5	0.5	0.07	0.20	0.20	0.15
SSC(GAOUA)	93 L 01	-0.9	0.4	9.7	1.10	2.54	1.88	0.23
		0.7	0.7	0.7	0.09	0.29	0.29	0.22
SSC(GFZ)	93 L 01	1.8	0.9	2.7	0.17	0.19	-0.05	-0.38
		0.5	0.5	0.5	0.07	0.20	0.20	0.16
SSC(GSFC)	93 L 01	2.4	-2.1	-0.5	-0.43	-0.78	2.75	-2.81
		0.6	0.6	0.6	0.08	0.23	0.22	0.20

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

WHERE X,Y,Z ARE THE COORDINATES IN THE GLOBAL SYSTEM, AND XS,YS,ZS ARE THE COORDINATES IN THE INDIVIDUAL SYSTEM.