

PROJECT										POSITION COMPUTATION (UTM GRID)													
LOCATION										ORGANIZATION													
SPHEROID					ZONE					CENTRAL MERIDIAN													
					t 2 to 3										t 3 to 2								
					∠ 2										∠ 3								
Sin t (2 to 1)					t 2 to 1						Sin t (3 to 1)					t 3 to 1							
Cos t (2 to 1)					∠ 1						Cos t (3 to 1)												
N ₂				2				E ₂				N ₃				3				E ₃			
ΔN				S				ΔE				ΔN				S				ΔE			
N ₁				1				E ₁				N ₁				1				E ₁			
					t 2 to 3										t 3 to 2								
					∠ 2										∠ 3								
Sin t (2 to 1)					t 2 to 1						Sin t (3 to 1)					t 3 to 1							
Cos t (2 to 1)					∠ 1						Cos t (3 to 1)												
N ₂				2				E ₂				N ₃				3				E ₃			
ΔN				S				ΔE				ΔN				S				ΔE			
N ₁				1				E ₁				N ₁				1				E ₁			
					t 2 to 3										t 3 to 2								
					∠ 2										∠ 3								
Sin t (2 to 1)					t 2 to 1						Sin t (3 to 1)					t 3 to 1							
Cos t (2 to 1)					∠ 1						Cos t (3 to 1)												
N ₂				2				E ₂				N ₃				3				E ₃			
ΔN				S				ΔE				ΔN				S				ΔE			
N ₁				1				E ₁				N ₁				1				E ₁			
					t 2 to 3										t 3 to 2								
					∠ 2										∠ 3								
Sin t (2 to 1)					t 2 to 1						Sin t (3 to 1)					t 3 to 1							
Cos t (2 to 1)					∠ 1						Cos t (3 to 1)												
N ₂				2				E ₂				N ₃				3				E ₃			
ΔN				S				ΔE				ΔN				S				ΔE			
N ₁				1				E ₁				N ₁				1				E ₁			
Δ N=S cos t										Δ E=S sin t													
COMPUTED BY					DATE (YYYYMMDD)					CHECKED BY					DATE (YYYYMMDD)								