

## COMPUTATION - CONVERSION UTM TO GEO COORD, GEO TO UTM COORD, ZONE-TO-ZONE TRANSFORMATION (MSR)

COMPUTER	NOTEBOOK REFERENCE	DATE
CHECKER	AREA	SHEET OF SHEETS

<p style="text-align: center;"><b>INSTRUCTIONS</b></p> <ol style="list-style-type: none"> <li>1. Select TRANSFORMATIONS (C) from the MODE MENU.</li> <li>2. Select UTM TO GEO COORD (A), GEO TO UTM COORD (B), or ZONE TO ZONE (C) from the TRANSFORMATIONS MENU.</li> <li>3. Select the desired record from the displayed SUMMARY LIST.</li> <li>4. Observe the required fields and enter the desired data.</li> </ol>	<p style="text-align: center;"><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1. Press ENTER to display the window of legal entries.</li> <li>2. Remove window of legal entries by pressing "ENTER", before pressing "C" to calculate.</li> </ol>
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REQUIRED FIELDS	DATA RECORD		
	UTM TO GEO	GEO TO UTM	ZONE TO ZONE
STATION NAME:?	STATION NAME:	STATION NAME:	STATION NAME:
ENTER SPHEROID:? <small>1=CLARKE 1866    5=BESSEL 2=INTERNATIONAL    6=AUSTRALIAN 3=CLARKE 1880    7=WGS-82 4=EVEREST    8=GRS-80</small>	SPHEROID(NAME/NUMBER):	SPHEROID(NAME/NUMBER):	SPHEROID(NAME/NUMBER):
ENTER STARTING GRID ZONE:?			STARTING GRID ZONE:
ENTER EASTING:?	EASTING:		EASTING:
ENTER NORTHING:?	NORTHING:		NORTHING:
ENTER LATITUDE:?		LATITUDE: ° ' " N S	
ENTER LONGITUDE:?		LONGITUDE: ° ' " E W	
HEMISPHERE (N/S):?	ENTER N OR S		ENTER N OR S
ENTER GRID ZONE:?	GRID ZONE:	GRID ZONE:	
ENTER AZIMUTH:?			AZIMUTH:
ENTER ENDING GRID ZONE:?			ENDING GRID ZONE:
RECORD EASTING:		EASTING:	EASTING:
RECORD NORTHING:		NORTHING:	NORTHING:
RECORD AZIMUTH:			AZIMUTH:
RECORD LATITUDE:	LATITUDE: ° ' " N S		
RECORD LONGITUDE:	LONGITUDE: ° ' " E W		

REMARKS: