

CONCLUSION: No common SAZ factor can be used for correction. New 176  
 ALL D.D.H. survey must be re-calculated. But Brgs can be re  
 GRUM PROJECT adjusted by adding 2° 11' 47" to a  
 Azim readings

DIFFERENCES IN BRG & CO-ORDS BETWEEN OLD & NEW SUR

①

	Azim	Brg	
NEW 76-044 to 76-048	142° 05' 14"	S 37° 54' 46" E	001986
OLD	139° 53' 59"	S 40° 06' 01" E	
	$\Delta + 002^{\circ} 11' 15" A$ add to old for correction on Azim.	$2^{\circ} 11' 15" \Delta$ = minus for correction on Brg.	

NEW COORDS	10,510.696 N	7,797.035 E
OLD COORDS	10,517.881 N <del>7,797.035 E</del>	7,803.583 E
	$\Delta = \text{minus } 7.105 \text{ N}$ from old for correction	$\Delta = \text{minus } 6.548 \text{ E}$ from old for correction

②

	Azim	Brg
NEW 76- <del>020</del> <sup>021</sup> to 76-024	92° 28' 56"	S 87° 31' 04" E
OLD	90° 16' 09"	S 89° 43' 51" E
	$2^{\circ} 12' 47"$ add to old for correction	$2^{\circ} 12' 47"$ minus to old for correction

OLD COORDS	10,631.116 N	7701.558 E
NEW	10,627.956	7699.317
	3.160 N minus from old	02.241 E minus from old

③

	Azim	Brg
NEW 76-008 to 76-0021	139-58- <del>23</del> <sup>83</sup>	S 40-06-37 E
OLD	137-41-54	S 42-18- <del>56</del> <sup>66</sup> E
	2-11-29 add to old for correction	2-11-29 minus from old for cor

NEW COORDS	10,628.902 N	7677.492 E
OLD	10,631.219 N	7679.719 E
	2.317 N Subtract from old for corr.	2.227 E Subtract from old for corr.

NEW 76-057 to 76-008  
OLD

Asia  
136-24-23  
134-13-09  
2-11-14  
Add to old for corr.

Aug  
543-35-37E

NEW CO-ORDS  
OLD

10,645,904 N  
10,647,709  
1,805  
Sub from old for corr.

7663,170 E  
7664,715  
1,545  
Subtract from old for

NEW 76-041 to 76-044  
OLD

142-39-49  
140-28-29  
2-11-20

S 37-20-11 E

NEW COORDS  
OLD

10,536,678 N  
10,542,873  
6,195  
Sub fr. old for corr.

7776,850 E  
7782,471  
5,621  
Subtract from old

NEW 76-024 to 76-029  
OLD

131-09-19  
~~128-57~~  
128-57-09  
2-12-10

S 48-50-41 E

NEW COORDS  
OLD

10,608,611 N  
10,612,632  
4,021 N  
Subtract from old  
for corr.

7721,449 E  
7724,422  
2,973 E  
Sub fr. old  
for corr.

2-11-14

2-11-20

2-12-10

2-11-15

2-12-47

~~2-11-29~~

~~12-28-76~~

~~2-10-27~~

2-12-47

480  
162  
642

OLD  $\Delta$  76-029  $\rightarrow$  76-033 = 13.117" dist  
 76-033  $\rightarrow$  76-041 = 36.856"  
 $\therefore$  76-029  $\rightarrow$  76-041 = 49.973"

NEW  $\Delta$  76-029  $\rightarrow$  76-041 = 50.161"