

$\pi$  @ P.T. 22B (cave) 8-16-83

STA O/R Circle Rdg. Mean

mean =  $120^{\circ}49'6.5''$

(15/14)  
27/23  
(SPEKE)

D  $90^{\circ}05'38''$  34.5"

R  $270^{\circ}05'31''$

(2.2)

D  $210^{\circ}54'42''$  39.5

R  $30^{\circ}54'37''$

mean =  $120^{\circ}49'05''$  FINAL =  $120^{\circ}49'05.8''$

(2.2)

D  $0^{\circ}00'10''$  6.5"

R  $180^{\circ}00'03''$

(16/15)  
21/22

D  $117^{\circ}14'19''$  15.5

R  $297^{\circ}14'12''$

Mean =  $117^{\circ}14'09''$

(2.2)

D  $90^{\circ}05'44''$  41"

R  $270^{\circ}05'38''$

(16/15)  
21/22

D  $207^{\circ}19'56''$  51"

R  $27^{\circ}19'46''$

mean =  $117^{\circ}14'10''$  FINAL =  $117^{\circ}14'09.5''$

(16/15)  
21/22

D  $0^{\circ}00'10''$  3.5

R  $179^{\circ}59'57''$

(15/14)  
22/23  
SPEKE

D  $121^{\circ}56'53''$  48.5

R  $301^{\circ}56'44''$

mean =  $121^{\circ}56'45''$

(16/15)  
21/22

D  $90^{\circ}05'40''$  37.5"

R  $270^{\circ}05'35''$

(15/14)  
22/23

D  $212^{\circ}02'25''$  20.5

R  $32^{\circ}02'16''$

mean  $121^{\circ}56'43''$  FINAL =  $121^{\circ}56'44''$

HORIZ. DIST. to (15/14) SPEKE = 2615.05

HORIZ. DIST. to (2.2) = 1283.91

$\pi$  @ P.T. 24C (I.R.S.)

(24/19)

D  $0^{\circ}00'10''$  07"

R  $180^{\circ}00'04''$

(13/18)  
24/19  
(nail)

D  $170^{\circ}50'14''$  10"

R  $350^{\circ}50'06''$

mean =  $170^{\circ}50'03''$