

EXPANDING SQUARE WORKSHEET

S = 3.0 NM	9k	12k	15k	18k						
S = 2.0 NM	6k	8k	10k	12k	20k	24k				
S = 1.0 NM				6k	10k	12k	15k	20k		
S = 0.5 NM					5k	6k	7.5k	10k	15k	
S = 0.2 NM								4k	6k	12k
S = 0.1 NM										6k

	TIME	COURSE	COURSE	MINUTES									
START		°T	°C	20'	15'	12'	10'	6'	5'	4'	3'	2'	1'
#2		°T	°C	20'	15'	12'	10'	6'	5'	4'	3'	2'	1'
#3		°T	°C	40'	30'	24'	20'	12'	10'	8'	6'	4'	2'
#4		°T	°C	40'	30'	24'	20'	12'	10'	8'	6'	4'	2'
#5		°T	°C		45'	36'	30'	18'	15'	12'	9'	6'	3'
#6		°T	°C		45'	36'	30'	18'	15'	12'	9'	6'	3'
#7		°T	°C			48'	40'	24'	20'	16'	12'	8'	4'
#8		°T	°C			48'	40'	24'	20'	16'	12'	8'	4'
#9		°T	°C				50'	30'	25'	20'	15'	10'	5'
#10		°T	°C				50'	30'	25'	20'	15'	10'	5'

1. Select Track Spacing "S" in NM.
2. Select speed in knots.
3. Circle corresponding leg time column below.
4. Add leg time to Start for previous leg for next Start time.
5. True courses rotate 90° to the right.
6. Correct for Variation and Deviation and record Compass courses.

Reference Data:

1. Datum:

2. Other:

