

Ref.	LINDISFARNE ± SLL		
EPLat	55°	40'	N/S
EPLong	001°	48'	E/W

GDate	Y 2018	M JUL	D 10
DWT	h 15	m 12	s 00
DWE -F/+S	h	m 02	s 49
UT	h 15	m 14	s 49

1510
0459

gha hhm-	46°	09:11	
inc -mss	1°	14:8	+
gha	47°	23:19	
*sha			
gha*			+
0/360			-
GHA	47°	23:19	
dec	22° N/S	11:0	
corr		0:0	
DEC	22° N/S	11'	

Hs	42°	23:19	
IE		1:6	-On/+Off
		25:5	
HOE 2.2m	Dip	3:1	- Short 2NM DUP
Ha		22:4	
Refr		1:1	
		21:3	
PIA			+
SD		15:7	-LL/-UL
Ho	42°	37:0	

t(a.m.) 359° 59'ten

EPLong			W+/E-
GHA			
0/360			
t			

t(p.m.)

GHA	47°	23:19	
EPLong	001°	48'	W-/E+
0/360			
t	45°	36'	

ZD	EPLat	55°	40'	
S A M +	C O N ~	DEC	22°	11'
			33°	29'
	EPLat	55°	40'	
	DEC	22°	11'	
		77°	51'	y

hv(x) = n	0.0830	
hv(y) = p	0.3947	+
q	0.4777	
1-q	0.5223	
*hav(t)	0.1502	
	0.0784	
n	0.0830	+
hv(ZD)	0.1614	

ZD =	47°	22:5
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Z From Nomograph

[IF T > 90 THEN USE 180 - T]

Zn = $\frac{Z}{N/S} 64 \frac{E/W}{W} = 244^\circ T$

90°	89°	59'ten
ZD	47°	22:5
Hc	42°	37:5
Ho	42°	37:0
Int		0:5

Intercept	0:5	T/A	244°T
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