

Sun Worksheet for Calculators	
Limb Date UT	H_s <i>index</i> <i>dip</i> _____ H_A <i>Alt</i> _____ H_O
DR Lat DR Lon AP Lat STO[1] AP Lon	
dec <i>d</i> _____ dec STO[2]	GHA <i>m s</i> GHA _____ Lon _____ (<i>E+</i> , <i>W-</i>) LHA STO[3]
Sin H_C = sin[1] sin[2] + cos[1] cos[2] cos[3] H_C STO[3] H_O _____	Cos A = (sin[2] – sin[1] sin[3]) / (cos[1] cos[3]) <i>LHA GT 180°</i> , Zn = A = <i>LHA LT 180°</i> , Zn = 360° – A =