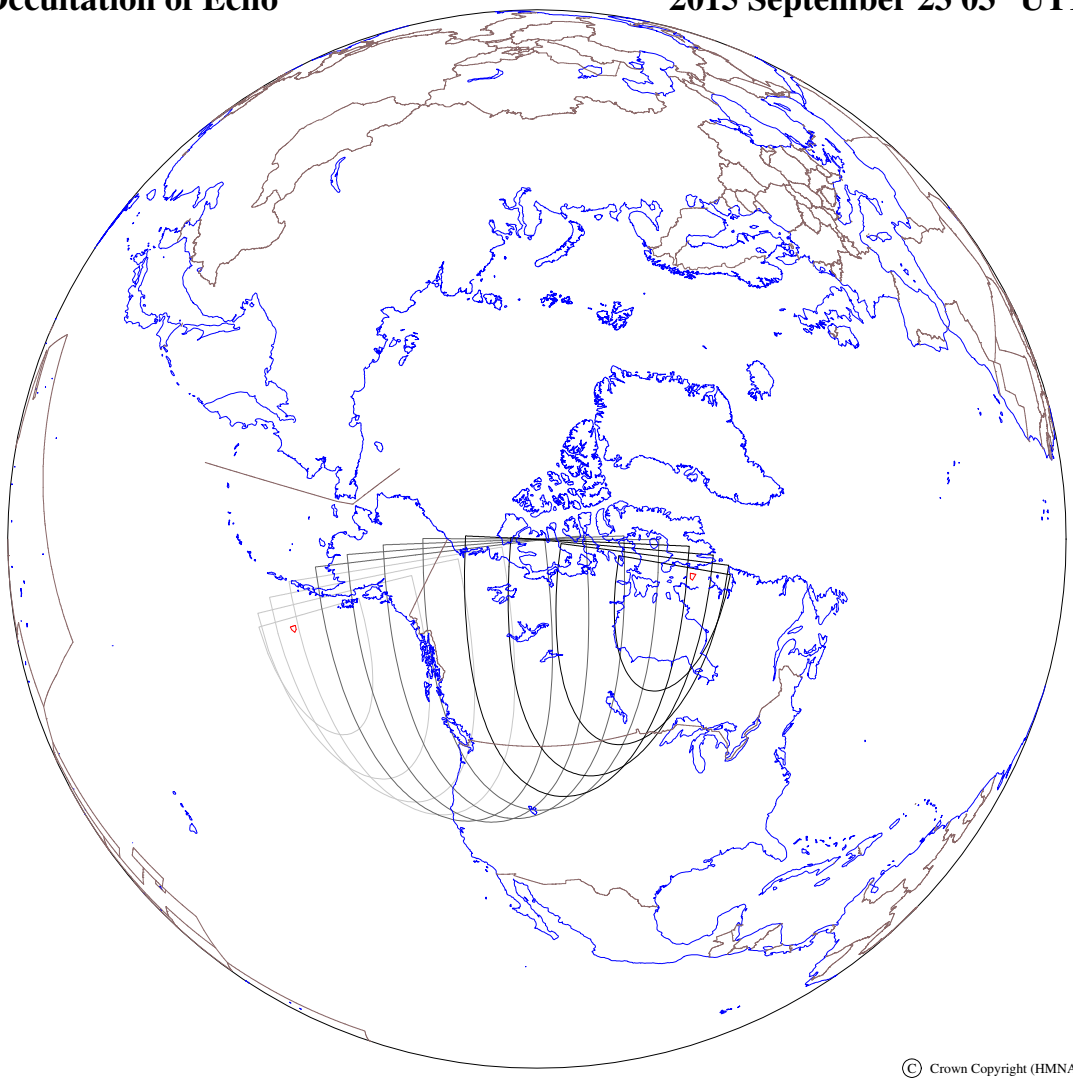
Occultation of Echo **2015 September 23 03^h UT1**



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Conjunction	2015 September 23		
Time	$02^h\ 51^m\ 02^s$ TT	Centre of the globe: longitude	$111^\circ.9$ W
Right ascension	$19^h\ 28^m\ 59^s$	latitude	$72^\circ.1$ N
Declination	$-17^\circ\ 55'\ 34''$	First shadow 2015 Sept. 23 at	$01^h\ 34^m.2$ UT1
		Last shadow 2015 Sept. 23 at	$03^h\ 37^m.7$ UT1
Delta T = TT - UT1 =	$68^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$