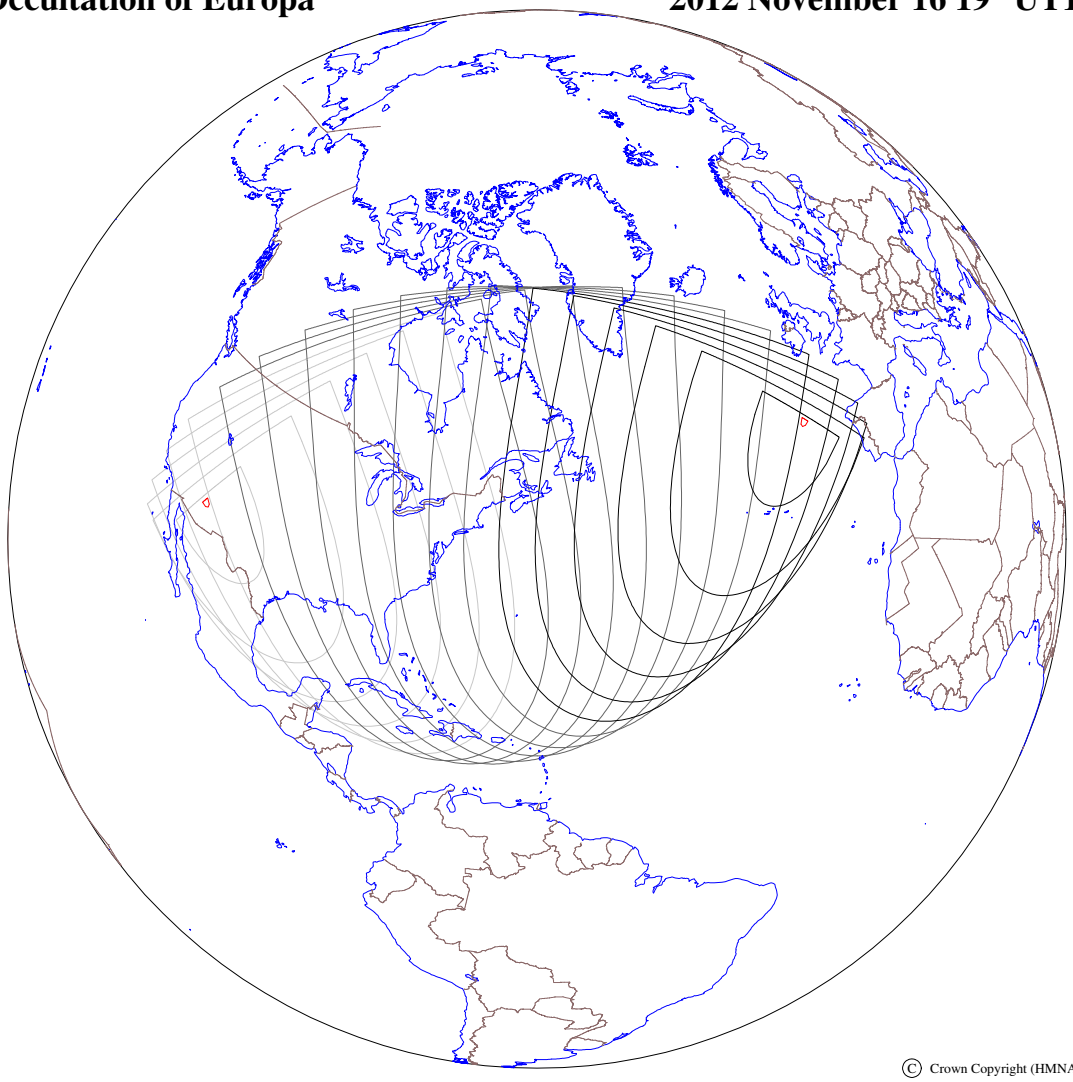
Occultation of Europa **2012 November 16 19^h UT1**



© Crown Copyright (HMNAO)

Conjunction	2012 November 16		
Time	$18^h\ 45^m\ 45^s$ TT	Centre of the globe: longitude	062°.0 W
Right ascension	$18^h\ 21^m\ 25^s$	latitude	40°.7 N
Declination	$-20^o\ 53'\ 15''$	First shadow 2012 Nov. 16 at	$17^h\ 02^m.0$ UT1
		Last shadow 2012 Nov. 16 at	$20^h\ 07^m.4$ UT1
Delta T = TT - UT1 =	$66^s.0$	Footprints (light to dark) every	$00^h\ 10^m.0$