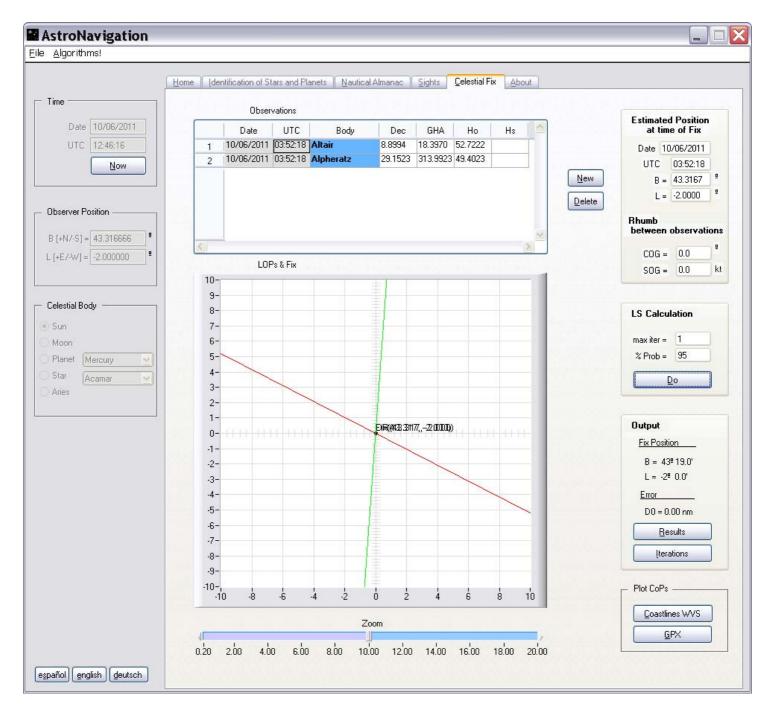
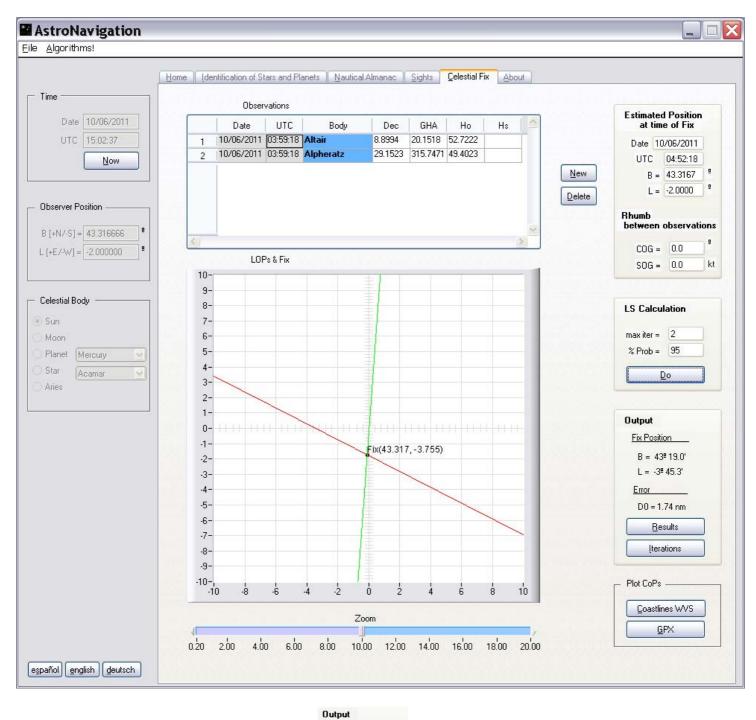
Latitude without meridian shots or UT

Simultaneous observation of stars.

Without error in time



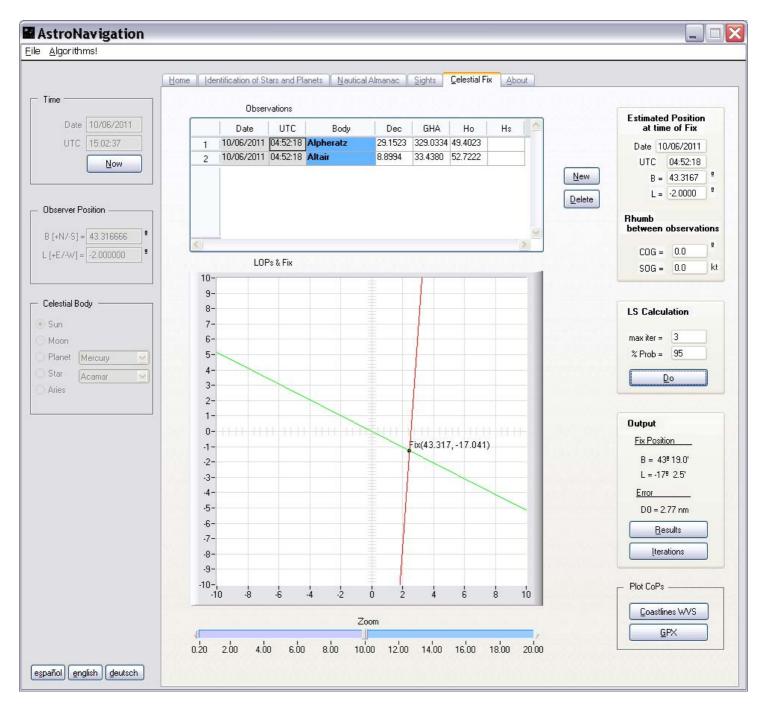
With error in UT = 00:07:00



	Fix Position
	B = 43º 20.7'
	L = -3º 45.2'
	Error
wo iterations are needed. The first one gives:	D0 = 76.54 nm

Τv

With error in UT = 01:00:00



Three iterations are needed.

	Fix Position		Fix Position
	B = 45º 7.7'		B = 43º 20.3'
	L = -16º 41.4'		L = -17º 5.8'
	Error		Error
The first one gives:	D0 = 650.45 nm	and the second:	D0 = 108.78 nm

Andrés Ruiz Navigational Algorithms http://sites.google.com/site/navigationalalgorithms/