

THE MAGIC OF WISDOM

Lectures

Perth, Western Australia , 1951 - 1952

Perth, 12th October, 1951

SERGE RAYNAUD de la FERRIÈRE

THE UNIVERSAL GREAT
BROTHERHOOD
WESTERN AUSTRALIAN SECTION.

CREMORNE HALL.
FRIDAY, 12TH OCTOBER LESSON:-
MISS P.NAGEL

PAGE 2

VARYING THE LONGITUDE.

For Students to be able to chart the Heavens for any part of the World, it is essential to understand how to vary the longitude, the reason being that Raphael's Ephemeris from which we derive our calculations lists the Tables of Houses for London, Liverpool and New York only.

The foregoing charts illustrate the Heavens charted for
NEW YORK. COPENHAGEN. FALKLAND IS. AUCKLAND.

Friday, 12 th. October.

The method used for varying the longitude is as follows.

Siderial Day is 4 mins shorter than the Solar Day, therefore we reach Siderial Noon (which is Aries 0) before Solar Noon.

(Solar Noon moves because the sun and earth move round the Zodiac. Siderial noon remains fixed).

Therefore – if	360	deg.	takes	4 mins.
	90	“	“	1 “
	15	“	“	10 secs.

RULE FOR CALCULATION, is as follows; -

Locations West of Greenwich. Plus 10 secs for each 15 deg.

“ East “ “ Minus 10 “ “ “ 15 “

REFER TO EXAMPLE AS GIVEN CHART 1.

Siderial Time 12th. October 1951 was 13 hrs. 21 mins. 01 secs,

Longitude for New York is 74 deg. 74 divided by 15 degrees equals 5 degrees. 10 secs for each 5 degrees equals 50 seconds and because the location is West, ADD, and that gives 13 hrs. 21 mins. 51 secs. Refer to Table of Houses, New York and nearest Siderial Time is 13 hrs. 21 m. 20s, giving an error of 31 secs which would have nil effect on calculations. From this Siderial Time students will find Houses 10, 11, 12, Asc., 2, 3, supplied in the Table and chart the Heavens accordingly.

Refer to Chart for Falkland Is. and following the same plan remember also to ADD 12 hours for South Siderial Time, Falkland Is. being Lat. 52 S, and also, as for Souther locations, INVERT the Houses.

Copenhagen and Auckland Charts illustrate the longitude calculations subtracted, these cities being East of Greenwich. Having calculated nearest Siderial Time for respective locations refer to the Table of Houses whose Latitude is nearest the latitude of that particular location being charted.

STUDY. Chart the Heavens as at Saturday, 13th. October.

VANCOUVER. 125 W. 52½ N. (Refer Houses Liverpool)

WARSAW. 21 E 50 N (“ “ London)

PERTH. 116 E 32 S (“ “ New York)

VALPARAISO. 72 W 33 S (“ “ “ “

----- 000 -----