

The twenty-four Hour Meridians so determined come in the following order, viz. :

LONGITUDE EAST AND WEST.	HOUR MERIDIANS.	COSMIC TIME AT SOLAR PASSAGE.
180° Anti-Prime Meridian	Zero .....	0 hours 0 minutes.
165° East .....	1st Hour Meridian .....	1 o'clock.
150° East .....	2nd " " .....	2 " "
135° East .....	3rd " " .....	3 " "
120° East .....	4th " " .....	4 " "
105° East .....	5th " " .....	5 " "
90° East .....	6th " " .....	6 " "
75° East .....	7th " " .....	7 " "
60° East .....	8th " " .....	8 " "
45° East .....	9th " " .....	9 " "
30° East .....	10th " " .....	10 " "
15° East .....	11th " " .....	11 " "
0° The Prime Meridian	12th " " .....	12 " "
15° West .....	13th " " .....	13 " "
30° West .....	14th " " .....	14 " "
45° West .....	15th " " .....	15 " "
60° West .....	16th " " .....	16 " "
75° West .....	17th " " .....	17 " "
90° West .....	18th " " .....	18 " "
105° West .....	19th " " .....	19 " "
120° West .....	20th " " .....	20 " "
135° West .....	21st " " .....	21 " "
150° West .....	22nd " " .....	22 " "
165° West .....	23rd " " .....	23 " "
180° Anti-Prime Meridian	24th " " or zero	24 " "

Thus the exact position of the twenty-four secondary or Hour Meridians is practically determined, and provision is thereby made for extending around the globe the Hour-system of regulating time which has been adopted with so much advantage in America.

These Hour Meridians, so designated, completely establish the relation between Cosmic time and longitude. Once every day the relationship will be prominently brought under the notice of every individual. Everyone, for example, living on the 6th Hour Meridian, will know at noon that it is at that instant six o'clock Cosmic time ; or, take the citizens of Toronto, the local time of which is governed by the 17th Hour Meridian ; at the hour of noon they will know that it is 17 o'clock Cosmic Time. Invariable time will thus agree with longitude, conversely longitude with time. By this arrangement the earth itself becomes the great Standard Chronometer for all