

Accurate Time . . .

**throughout 424 acres
of exposition grounds**




complete time
service
for CHICAGO'S
CENTURY of
PROGRESS

Visitors at the 1933 World's Fair have the convenience of dependable, accurate time from the minute they enter until they leave the grounds.

A single system of two hundred International Electric Clocks spans the entire 424 acre area which is devoted to the celebration of Chicago's first hundred years.


Located at all entrance pavilions in the chief exhibit buildings and at strategic points throughout the grounds, these clocks all tell exactly the same correct time. They are operated and regulated automatically from one central point.



A Century of Progress International Exposition tells the story of Chicago's —and mankind's progress during the last one hundred years.

It shows how science discovers, genius invents, industry applies and man adapts himself to new things. Living, moving demonstrations dramatize the way in which individuals, groups and entire races have followed and kept in step with the march of science and industry.

International Electric Time, installed for the benefit of the millions who come to see this dazzling spectacle, is but one of the almost countless ways in which industry has applied the science of electricity to improve man's working and living conditions.

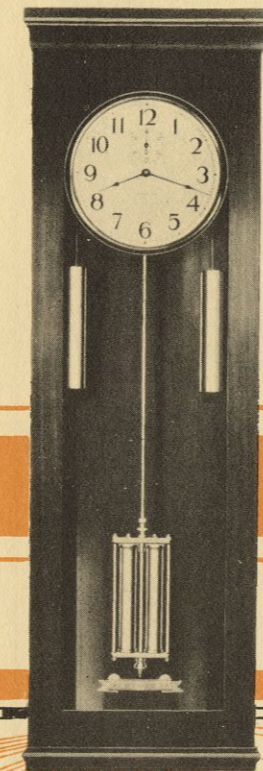


furnished by INTERNATIONAL ELECTRIC SELF-REGULATING EQUIPMENT

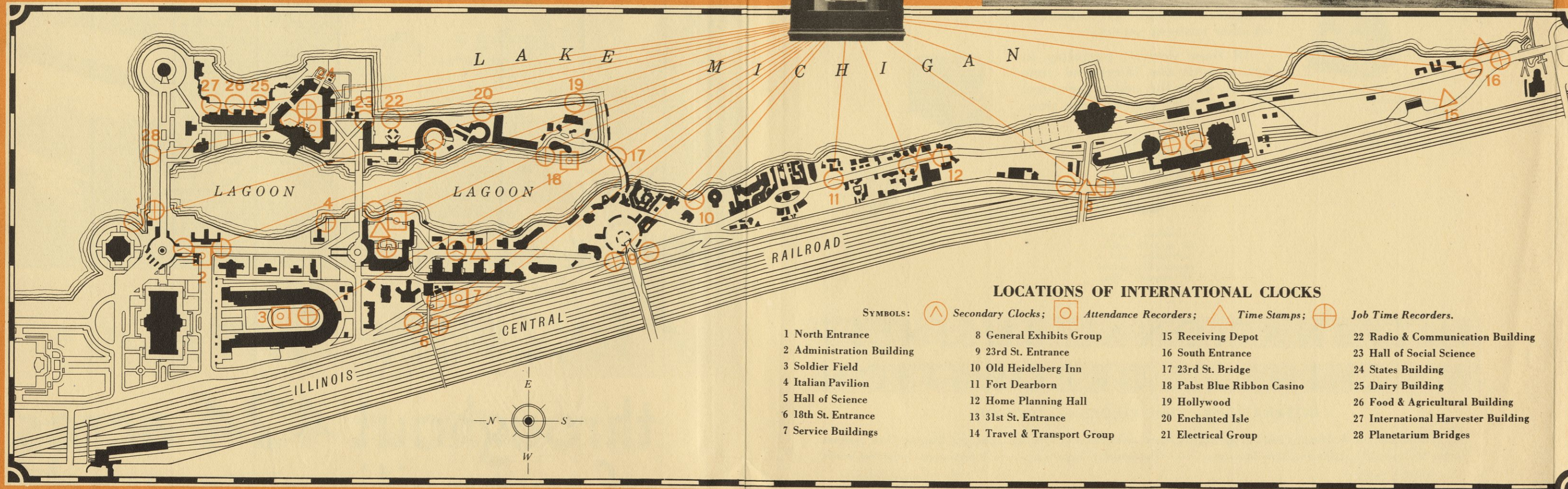
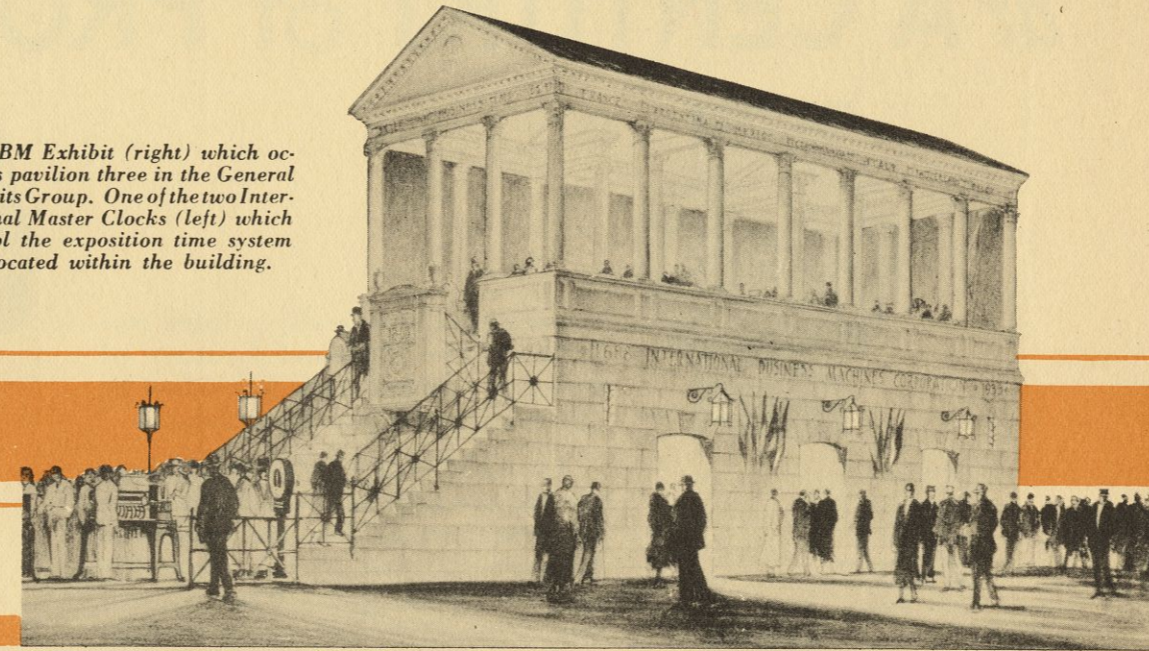
Because it represents the highest development in modern time system engineering, an International Electric Time System was chosen to furnish official time service at A Century of Progress. Two hundred clocks—controlled and regulated automatically from one central point—assure accurate, dependable time to the second. Included in this system are fifty International attendance recorders being used by the Exposition's 5,000 employes. Electroprint time stamps are used in the administrative offices for the handling of Exposition correspondence and Job Time Recorders provide exact time on repair jobs and various other fair operations. Two Master Clocks, located within

IBM's General Exhibits Group display, send out electric impulses once each minute to move the hands of all clocks forward simultaneously.

A Self-Regulating feature insures the uniform distribution of time and eliminates the necessity for manual regulation and correction. This supervising feature operates twenty-four times a day, whether or not regulation is necessary and completes, in less than a minute, a task that would be impossible for human supervision to accomplish.



The IBM Exhibit (right) which occupies pavilion three in the General Exhibits Group. One of the two International Master Clocks (left) which control the exposition time system is located within the building.



LOCATIONS OF INTERNATIONAL CLOCKS

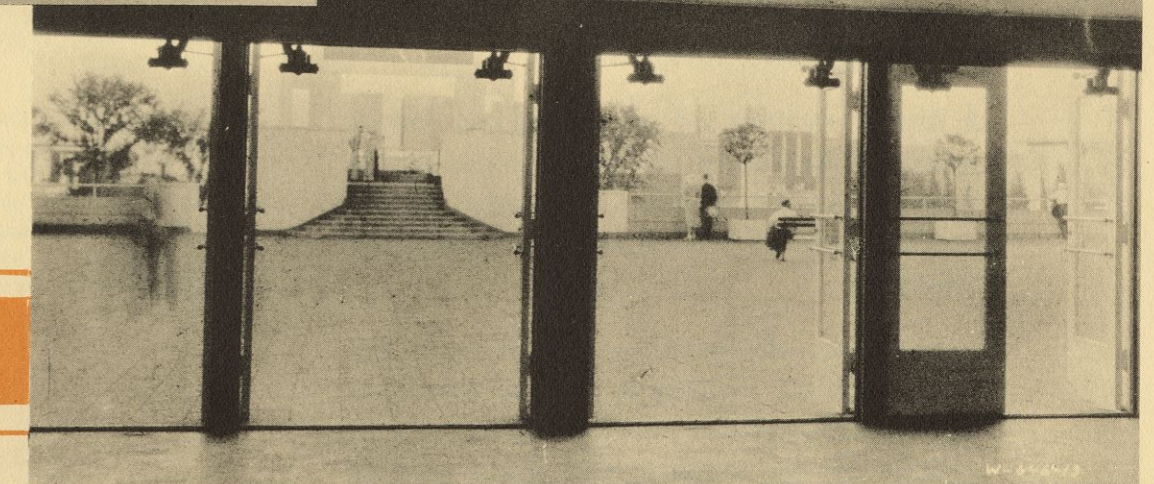
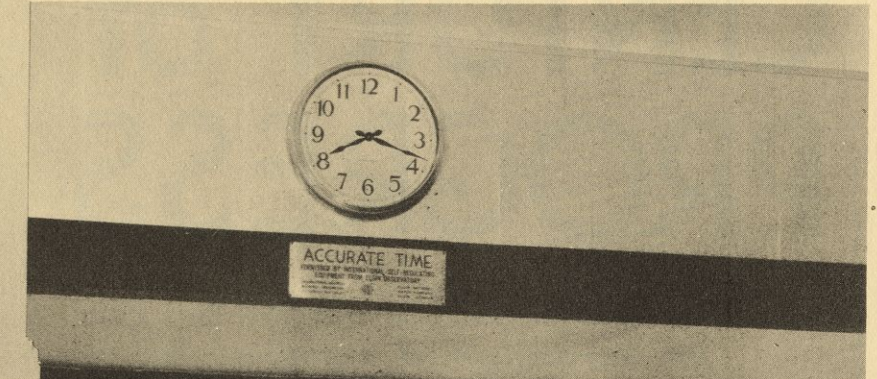
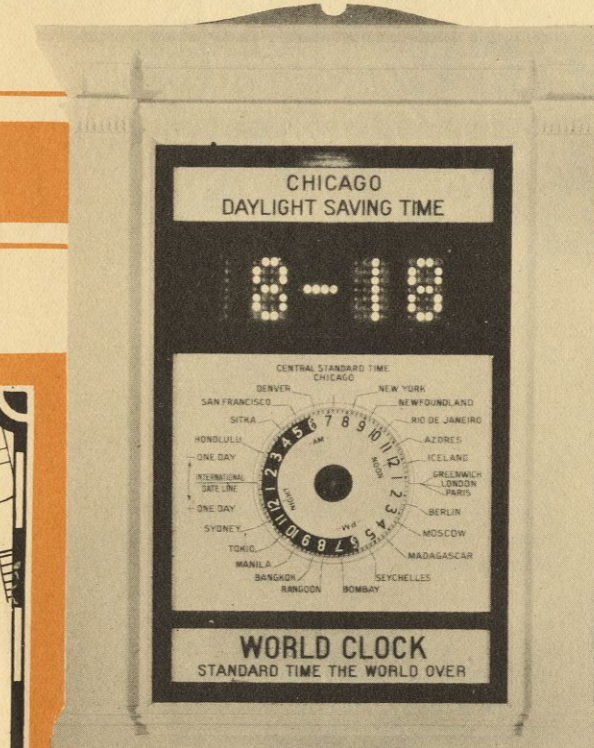
SYMBOLS: Secondary Clocks; Attendance Recorders; Time Stamps; Job Time Recorders.

- | | | | |
|---------------------------|-----------------------------|-----------------------------|-------------------------------------|
| 1 North Entrance | 8 General Exhibits Group | 15 Receiving Depot | 22 Radio & Communication Building |
| 2 Administration Building | 9 23rd St. Entrance | 16 South Entrance | 23 Hall of Social Science |
| 3 Soldier Field | 10 Old Heidelberg Inn | 17 23rd St. Bridge | 24 States Building |
| 4 Italian Pavilion | 11 Fort Dearborn | 18 Pabst Blue Ribbon Casino | 25 Dairy Building |
| 5 Hall of Science | 12 Home Planning Hall | 19 Hollywood | 26 Food & Agricultural Building |
| 6 18th St. Entrance | 13 31st St. Entrance | 20 Enchanted Isle | 27 International Harvester Building |
| 7 Service Buildings | 14 Travel & Transport Group | 21 Electrical Group | 28 Planetarium Bridges |

International Master Clocks are the most accurate commercial timepieces manufactured—guaranteed to rate within ten seconds per month of true time. In order to further increase the accuracy of the time furnished the Century of Progress visitors,

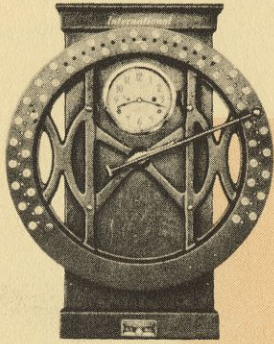
astronomical time for checking purposes is relayed from Elgin Observatory to International's exhibit in the General Exhibits Group. The minute impulses which go out over the entire system are, therefore, astronomically accurate.

One of the most unusual units of this fairground time system is the World Clock located at the entrance of the International Business Machines Exhibit in the General Exhibits Group. This clock, entirely without hands, tells the correct standard time in all time zones throughout the world. At a glance, the visitor may see the correct daylight saving time in Chicago, and standard time in all principal cities.



International Clock over a doorway in the Hall of Science. Clocks similar to this are located conveniently throughout the chief buildings and at practically every prominent place on the fairgrounds. They are all controlled and regulated electrically from a master time source located in the IBM pavilion of the General Exhibits Group.

International TIME RECORDERS at A CENTURY of PROGRESS



Automatic Payroll Machine—furnishes a single original record of all employes' registrations and wage computations.

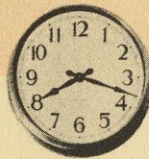


Job Time Recorder—prints the exact starting and stopping time on each job or operation.

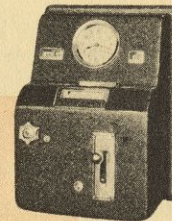
Accurate, mechanically printed records of five thousand Century of Progress employes are furnished by International Time Recorders.

Card and Dial type machines handle the attendance records. Reports of time spent on jobs are furnished through the use of Job Time Recorders. Electroprint Time stamps insure prompt and effective handling of correspondence, orders and all other business papers.

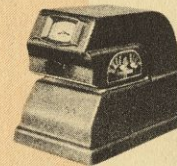
All these devices, operating in unison with the fairground time system, keep the entire personnel "in step" with one accurate time.



Secondary Clock— an accurate public convenience and a dependable control of employe time.



Attendance Recorder— gives an individual, printed card record of each employe's attendance time.



Electroprint— speeds up routines and places responsibility for the handling of business papers.

INTERNATIONAL BUSINESS MACHINES CORPORATION

INTERNATIONAL TIME RECORDING DIVISION

International Electric Accounting and Tabulating Machines—International Time Recorders and Electric Time Systems
Dayton Moneyweight Scales and Store Equipment—Electromatic Typewriters—International Industrial Scales

GENERAL OFFICES
270 Broadway
New York, N. Y.



Branch Offices and Service
Stations in all Principal
Cities of the World