STANDARD FREQUENCIES AND TIME SIGNALS, WWV AND WWVH

WWV

<table>
<thead>
<tr>
<th>POWER, kW</th>
<th>MODULATIONS, c/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>8.0</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>9.0</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>85*</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>0.1</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>0.1</td>
<td>1</td>
</tr>
</tbody>
</table>

WWVH

<table>
<thead>
<tr>
<th>POWER, kW</th>
<th>MODULATIONS, c/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4</td>
<td>1,440 or 600</td>
</tr>
<tr>
<td>10</td>
<td>0.4</td>
</tr>
<tr>
<td>15</td>
<td>0.4</td>
</tr>
</tbody>
</table>

*0.1 kW, FOR FIRST 4 WORK DAYS AFTER FIRST SUNDAY OF EVEN MONTHS.

**REGULAR INTERRUPTIONS EXPLAINED ON REVERSE SIDE.

THE HOUR ILLUSTRATED IS 1600 TO 1700 IN 24 HOUR TIME

UNIVERSAL TIME

A VOICE ANNOUNCEMENT OF EASTERN STANDARD TIME IS GIVEN EACH FIVE MINUTES FROM STATION WWV

SECONDS PULSE

(NO PULSE IS TRANSMITTED AT THE BEGINNING OF THE LAST SECOND OF EACH MINUTE)

WWV TIME SIGNALS, JANUARY, 1948, THROUGH SEPTEMBER, 1949
order payable to the "Superintendent of Documents, Government Printing Office" and sent to him with the order. Postage stamps should not be sent in payment for these publications.

The publications on plastics are grouped in this Letter Circular into the following classifications:

General
Government
Home Crafts
Formulas
Technology
Properties
Test Methods
Chemistry
Adhesives
Coatings
Periodicals
Industry

GENERAL


The encyclopedia listed in reference 53 is also a source of general information on the materials, processes, and equipment employed in the plastics industry, and contains charts of the properties of plastics, solvents, plasticizers, synthetic rubbers, adhesives, coatings, and fibers.

GOVERNMENT


HOME CRAFTS


20. GENERAL PLASTICS. R. Cherry. 1941. McKnight and McKnight, 109-111 W. Market St., Bloomington, Ill. $1.50.


25. PLASTICS IN THE SCHOOL AND HOME WORKSHOP. A. J. Lockrey.  

26. PLASTICS—PROBLEMS AND PROCESSES. D. E. Mansperger and  
C. W. Pepper. 2nd edition. 1942. International  
Textbook Co., Scranton 9, Pa. $2.50.

27. ADVENTURES WITH PLASTICS. L. V. Newkirk, C. Hewitt, and  
St., New York 14, N. Y. $3.50.

FORMULAS

$7.00.

29. HENLEY'S TWENTIETH CENTURY BOOK OF FORMULAS, PROCESSES,  
AND TRADE SECRETS. G. D. Hiscox. 1942. Norman W.  
Henley Publishing Co., 17 W. 45th St., New York 19,  
N. Y. $4.00.

TECHNOLOGY

30. GERMAN PLASTICS PRACTICE. J. M. DeBell, W. C. Goggin, and  
W. E. Gloor. 1946. DeBell and Richardson, Hazardville, Conn. $7.50.

Penton Publishing Co., 1213 W. 3rd St., Cleveland 13,  
Ohio. $10.00.

32. LOW-PRESSURE LAMINATING OF PLASTICS. J. S. Hicks. 1947.  
Reinhold Publishing Corp., 330 W. 42nd St., New York 18,  
N. Y. $4.50.

33. TECHNOLOGY OF PLASTICS AND RESINS. J. P. Mason and J. F.  

34. CELLULOSE AND CELLULOSE DERIVATIVES. Emil Ott. 1943.  
Interscience Publishers, Inc., 215 Fourth Ave., New  
York 3, N. Y. $15.00.


### PROPERTIES


38. **PLASTICS PROPERTIES CHART.** Published annually in Modern Plastics Encyclopedia. (See reference 52).


### TEST METHODS


### CHEMISTRY


ADHESIVES


COATINGS


PERIODICALS


51. MODERN PLASTICS. Published monthly. Modern Plastics, Inc., 122 E. 42nd St., New York 17, N. Y. $5.00 per year.

52. MODERN PACKAGING ENCYCLOPEDIA. Published annually. Packaging Catalog Corp., 122 East 42nd St., New York 17, N. Y. $5.00.

53. MODERN PLASTICS ENCYCLOPEDIA. Published annually. Plastics Catalogue Corp., 122 E. 42nd St., New York 17, N. Y. $5.00.


55. PLASTICS INDUSTRY. Published monthly. Miller Freeman Publications of California, 170 Lexington Ave., New York 17, N. Y. $3.00 per year.
56. PLASTICS WORLD. Published monthly. Cleworth Publishing Co., Inc., 551 Fifth Ave., New York 17, N. Y. $3.00 per year.

INDUSTRY

57. BAKELITE REVIEW. Published quarterly. Bakelite Division, Union Carbide and Carbon Corp., 30 East 42nd St., New York 17, N. Y.

58. CELANESE PLASTICS. Published monthly. Celanese Corp. of America, 180 Madison Ave., New York 16, N. Y.


60. DU PONT PLASTICS BULLETIN. Published quarterly. E. I. du Pont de Nemours and Co., Polychemicals Dept., Arlington, N. J.

61. DUREZ PLASTIC NEWS. Published monthly. Durez Plastics and Chemicals; Inc., 8 Walck Rd., North Tonawanda, N. Y.

62. FORMICA WORLD. Published quarterly. Formica Co., 4614 Spring Grove Ave., Cincinnati 32, Ohio.

63. HERCULES CHEMIST. Published quarterly. Hercules Powder Co., 916 Market St., Wilmington 99, Del.

64. MONSANTO MAGAZINE. Published monthly. Monsanto Chemical Co., Department of Industrial and Public Relations, 1700 S. Second St., St. Louis 4, Mo.

65. PLASKON MAGAZINE. Published quarterly. Plaskon Div., Libbey-Owens-Ford Glass Co., 2112 Sylvan Ave., Toledo 6, Ohio.

66. PLASTICS NEWSFRONT. Published monthly. American Cyanamid Co., Plastics Div., 30 Rockefeller Plaza, New York 20, N. Y.