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TIME SERVICE ANNOUNCEMENT, SERIES 3

NO. 27

Planned Changes in the OMEGA Transmissions

The U. S. Naval Observatory has been informed by the OMEGA Project Office that the following changes are being planned:

1. Transmissions on 12.5 and 12.7 kHz from OMEGA/NY will terminate on 10 December.
2. Transmissions from OMEGA/ND (North Dakota) will commence during January 1972 on time-shared frequencies as follows:

10.2	Segment F
11 1/3	" H
13.6	" G.

Upon commissioning of the station (to be announced) the OMEGA/ND format will change as follows:

10.2	Segment D
11 1/3	" F
13.6	" E

(OMEGA/NY will cease transmissions at this time).

3. OMEGA/ND will begin operations on all five (5)\* assigned frequencies (10.2, 13.6, 11 1/3, 12.85 and 13.1 kHz) on or about April 1972.
4. The OMEGA system will participate in the announced changes in the UTC system on 1 January 1972 (see Time Service Announcement Series 14, #8), both in time and frequency.
5. The OMEGA system will not participate in future steps of 1 second. When the 1 second steps occur in UTC, the OMEGA system epoch will appear to step in respect to UTC. It will, however, remain very close to the International Atomic Time (IAT). The steps in the new UTC system will only be reflected by a different OMEGA system epoch which will be announced in advance.

GERNOT M. R. WINKLER  
Director  
Time Service Division

\*The transmissions on 12.85 and 13.1 kHz are for various test purposes.