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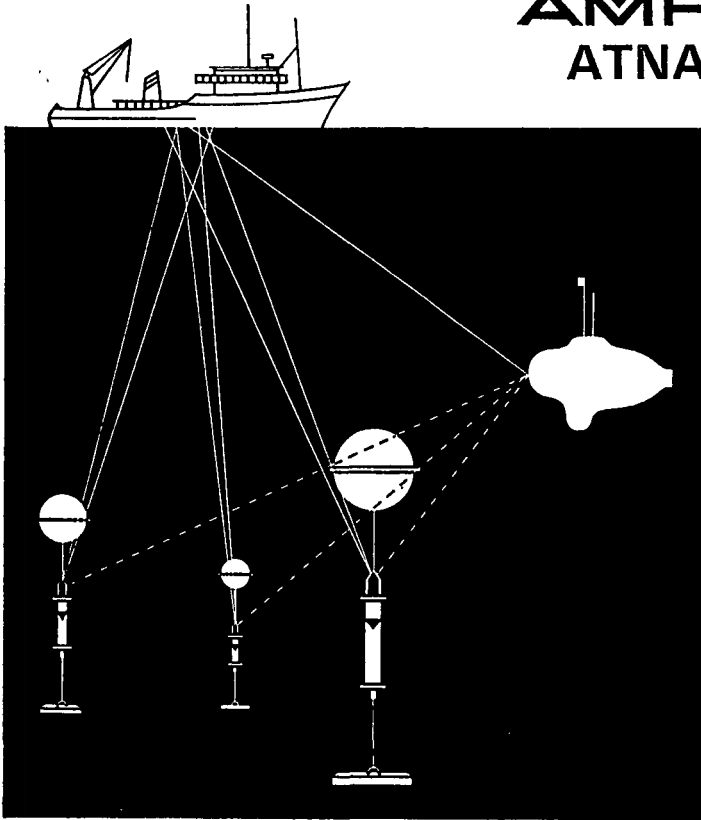
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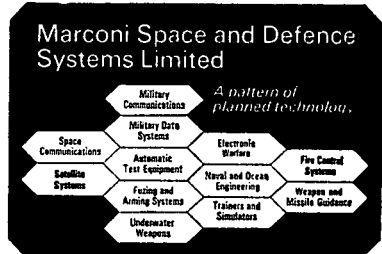
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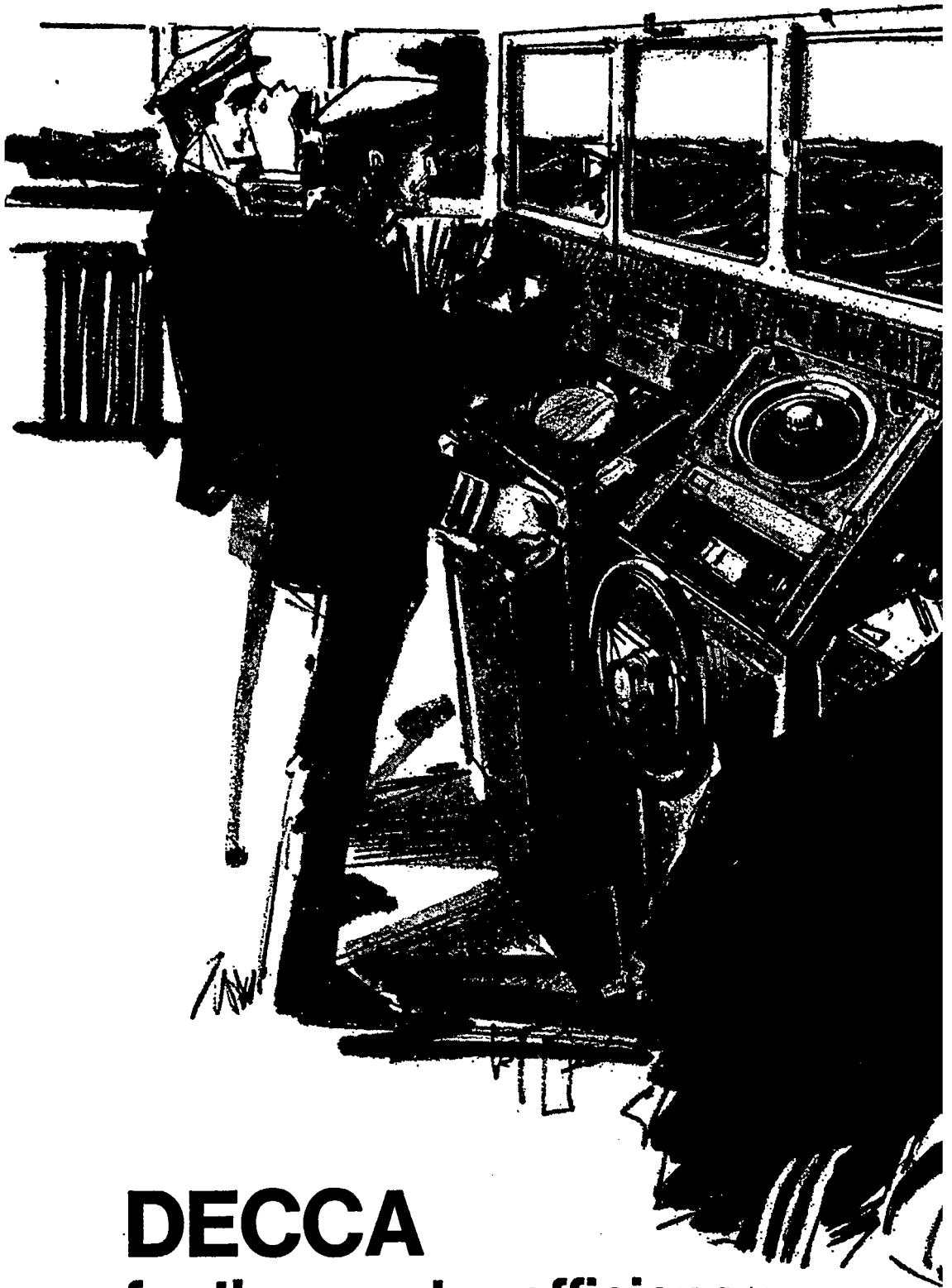
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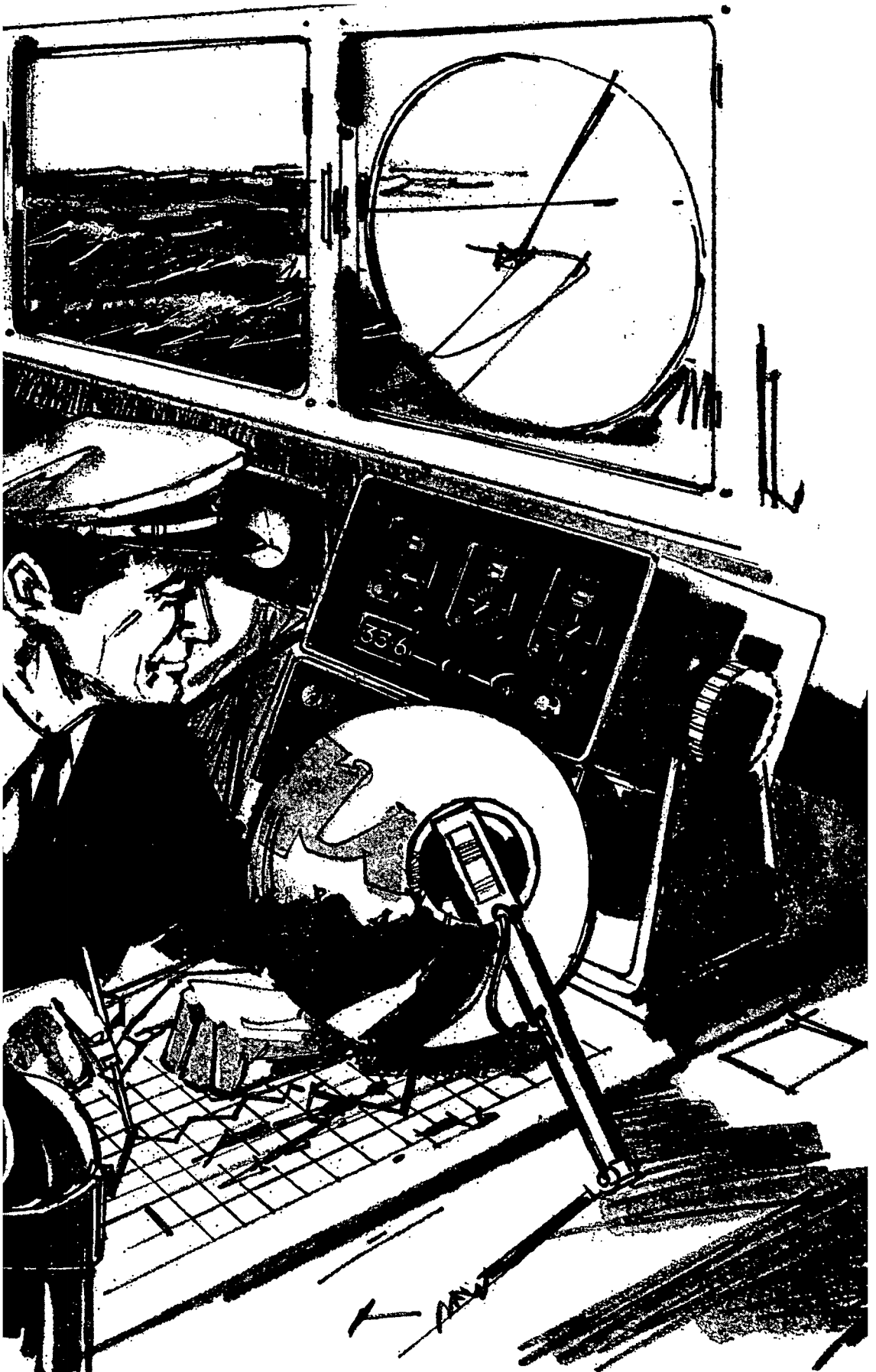
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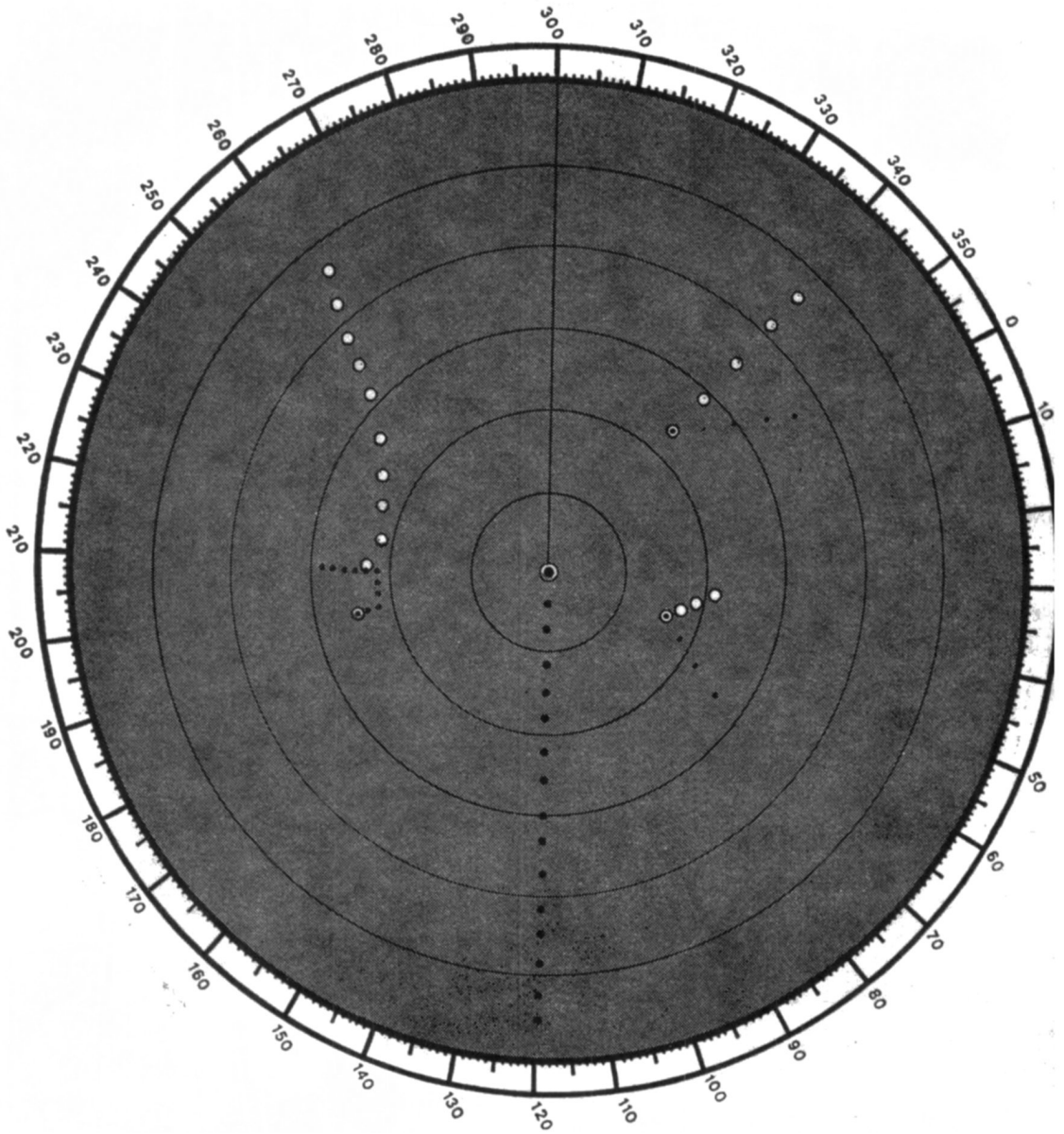


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D. W. Kerst

FINDING LATITUDE AND LONGITUDE BY CALCULATORS

C. Fox

HAND HELD CALCULATOR TECHNOLOGY APPLIED TO AN ADVANCED OMEGA RECEIVER

B. N. Gaon

ON OBSERVATIONS OF MODAL INTERFERENCE OF NORTH DAKOTA OMEGA TRANSMISSION

E. G. Baxa, Jr. and C. D. Lytle

RADIO ASTRONOMY AND THE FREQUENCY PROTECTION PROBLEM

G. W. Swenson, Jr.

DME ERRORS

R. W. Latham and R. S. Townes

UNEXPLOITED POTENTIALS OF LORAN-C

R. H. Doherty and J. R. Jöhler

PLANNED IMPROVEMENTS IN THE TRANSIT SYSTEM (1975)

Staff of the Space Analysis and Computation Group, Applied Physics Laboratory

EFFECTS OF 3-D RNAV APPROACH PROCEDURAL COMPLEXITY

R. S. Jensen

THE INSTITUTE'S PROFESSIONAL FILE

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'NAVIGATION'

NAVIGATION (Paris), the quarterly Journal of the French Institute of Navigation, is available to Members of the Institute at the preferential subscription rate of £7.00 per annum. The January 1976 issue contains the following papers.

- I. page de vœux—
- II. *LE CONGRÈS INTERNATIONAL DES INSTITUTS DE NAVIGATION*—
- III. *LES NOUVEAUTÉS TECHNIQUES*—
 1. Couverture horizontale: Azimut-Distance du système d'atterrissage en micro-ondes, par T. DHAMELINCOURT TVT/DAT
 2. Les progrès dans la navigation astronomique, par FELDMAN, SEIDELMAN, BARTON
 3. L'équipement de gyrocompas stabilisé SAGEM type MCV 3, par J. BARRIAC
- IV. *LA CHRONIQUE DU NAVIGANT*—
 1. Techniques de localisation et de navigation maritime, par B. de CREMIERS
 2. Emploi des diverses échelles de temps dans les problèmes d'astronomie, par A. ORTE
 3. Un atterrissage difficile sur Brownsville, par J. TRAZET
- V. *L'HISTOIRE ET LA NAVIGATION*—
 1. Notes de cartographie chinoise. Une carte chinoise de 1594, par M. DESTOMBES
- VI. *INFORMATIONS*—
- VII. *CHRONIQUE DES LIVRES ET REVUES*—
- VIII. *TABLE ANNUELLE DES MATIÈRES*

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Among the papers of navigational interest in the number of
January 1976 are :

- Developments in narrow-beam echo-sounders (S. B. MACPHEE)
- Identified submerged objects (JAMES DAWSON)
- Satellite navigation in hydrography (R. M. EATON *et al.*)
- Chart design considerations for the navigators of today and tomorrow (A. J. KERR)
- 500 years of graphical and symbolical representation on marine charts (G. S. RITCHIE)

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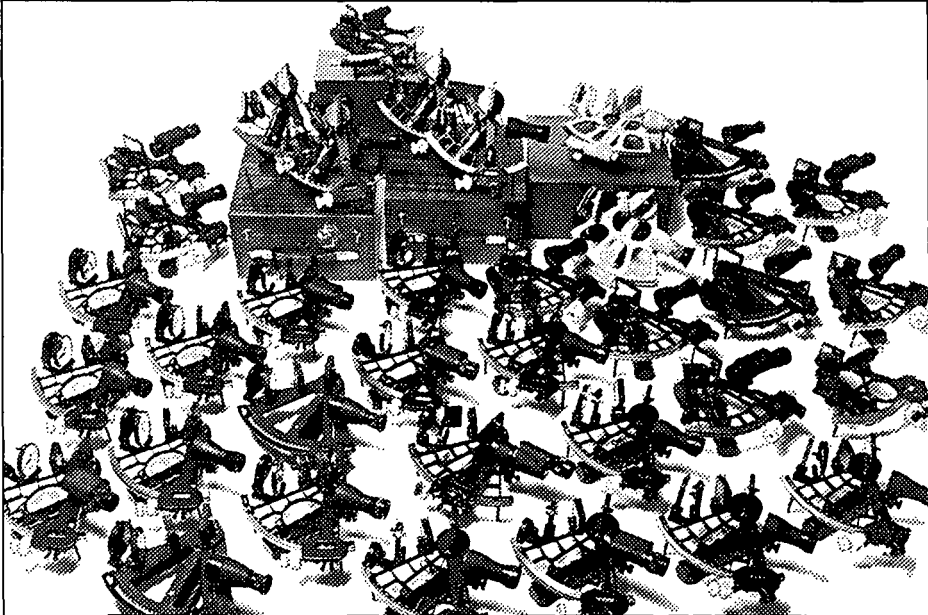
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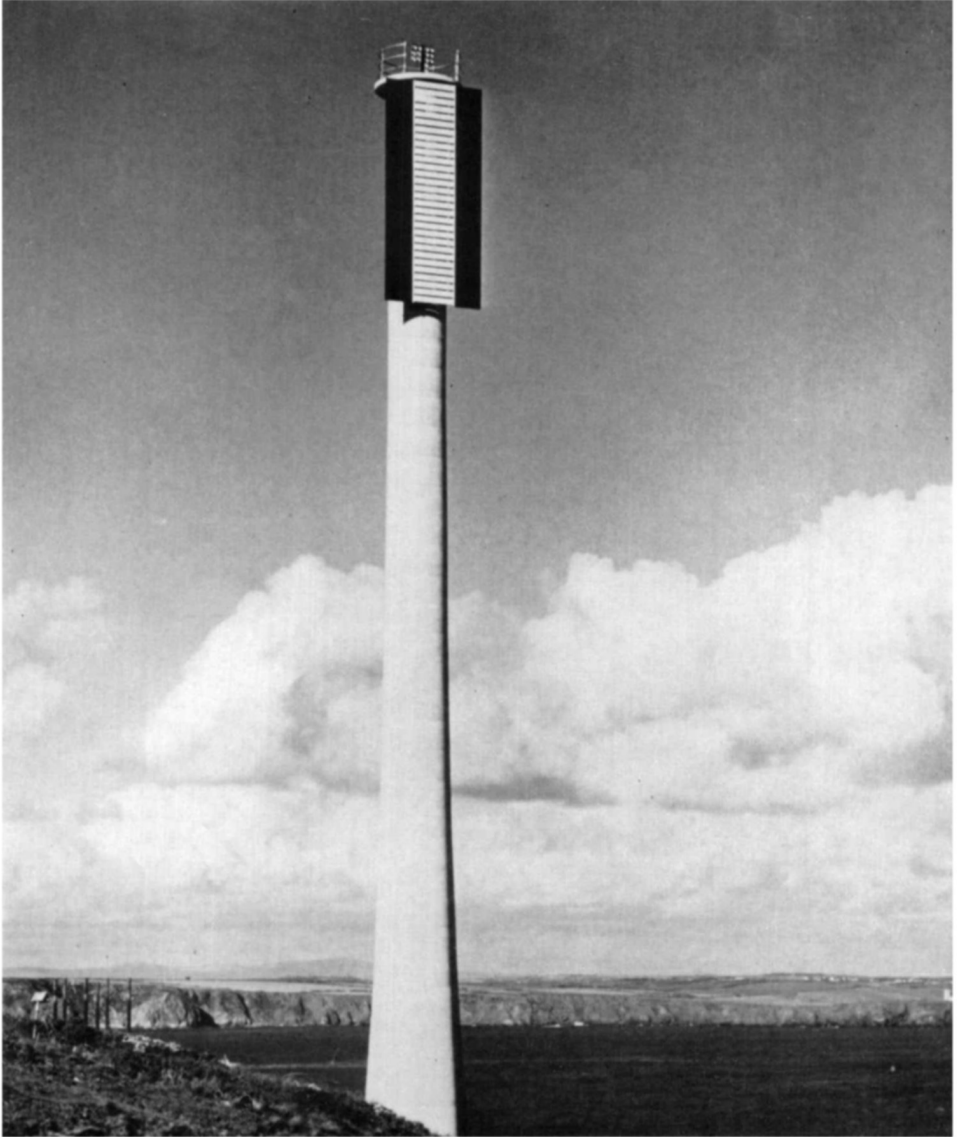
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Watwick Beacon in the approaches to Milford Haven. An article on the development of the port is printed on page 141.