

PREFACE

The 2002 edition of Pub. 117, Radio Navigational Aids, is a list of selected worldwide stations which provide electronic services to the mariner. This edition cancels all previous editions of Pub. 117. The listing is divided into chapters according to the nature of the service performed by the stations. The first numeral (hundreds digit) of section numbers of text and the first numeral (thousands digit) of station numbers correspond to the chapter number.

Radiobeacons, the only category of radio navigational aids not listed in this book, are grouped geographically and carried in the NIMA Lists of Lights, Pub. 110 - 116, and USCG Light Lists.

References to publications produced or sold by NIMA will be followed by the stock number in parentheses.

Times quoted herein are, unless otherwise stated, in Coordinated Universal Time (UTC) and hours are reckoned from 0000 to 2359.

All bearings are true and are measured in degrees clockwise from 000° (true north) to 359°. The sectors of radio direction finder stations are given as looking from the station to seaward in accordance with international practice; it should be noted that this is the reverse of the method used in the light lists for expressing the sectors of lights.

Distances are reckoned in nautical miles unless otherwise stated.

When the term "plain language" is used in the description of the services rendered by a station, it signifies that the service is in the language of the country controlling the station, unless stated to be otherwise.

The hertz is the unit for the operating frequencies of communications-electronics equipment. Frequencies will normally be expressed as follows:

(1) In kilohertz (kHz) up to and including 300 kHz.

(2) In megahertz (MHz) up to and including 300 MHz.

(3) In gigahertz (GHz) up to and including 300 GHz.

Note: In practice, kilohertz may be used up to 30,000 kHz.

Nothing in the manner of presentation or arrangement of information in this publication implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of states and territories.

This edition contains information available to the National Imagery and Mapping Agency up to 5 October 2002, including Notice to Mariners No. 40 of 2002. Corrections which have accumulated since that date will be in Section II of the Notice to Mariners which announces the issuance of this publication. Subsequent corrections are included weekly in Section II. All of these corrections should be applied in the appropriate places and their insertion noted in the "Record of Corrections" on the next page.

Mariners and other users are requested to forward new or corrective information useful in the correction of this publication to:

MARITIME SAFETY INFORMATION DIVISION
ST D 44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003

CAUTION

Plans for air defense of the United States may require temporary suspension of the operations of certain electronic aids to navigation with little or no advance notice.

RECORD OF CORRECTIONS
PUBLISHED IN WEEKLY NOTICE TO MARINERS

NOTICE TO MARINERS

YEAR 20__				YEAR 20__			
1.....	14.....	27.....	40.....	1.....	14.....	27.....	40.....
2.....	15.....	28.....	41.....	2.....	15.....	28.....	41.....
3.....	16.....	29.....	42.....	3.....	16.....	29.....	42.....
4.....	17.....	30.....	43.....	4.....	17.....	30.....	43.....
5.....	18.....	31.....	44.....	5.....	18.....	31.....	44.....
6.....	19.....	32.....	45.....	6.....	19.....	32.....	45.....
7.....	20.....	33.....	46.....	7.....	20.....	33.....	46.....
8.....	21.....	34.....	47.....	8.....	21.....	34.....	47.....
9.....	22.....	35.....	48.....	9.....	22.....	35.....	48.....
10.....	23.....	36.....	49.....	10.....	23.....	36.....	49.....
11.....	24.....	37.....	50.....	11.....	24.....	37.....	50.....
12.....	25.....	38.....	51.....	12.....	25.....	38.....	51.....
13.....	26.....	39.....	52.....	13.....	26.....	39.....	52.....