



**Reprints from the  
LIGHT LISTS  
and  
COASTAL PILOTS**

**Merchant Marine Deck Examination  
Reference Material**

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million, and the number of people aged 75 and over has increased from 4.5 million to 6.5 million (Office for National Statistics 2000). The number of people aged 85 and over has increased from 1.5 million to 2.5 million.

There is a growing awareness of the need to address the needs of the elderly population. The Department of Health (2000) has published a strategy for the care of the elderly, which sets out a vision for the future of care for the elderly. The strategy is based on the following principles:

• To ensure that the elderly population has the opportunity to live in their own homes for as long as possible.

• To ensure that the elderly population has access to the services and support they need to live in their own homes.

• To ensure that the elderly population has access to the services and support they need to live in care homes.

• To ensure that the elderly population has access to the services and support they need to live in care homes.

The strategy also sets out a number of key objectives for the future of care for the elderly:

• To reduce the number of people in care homes who are aged 65 and over.

• To reduce the number of people in care homes who are aged 75 and over.

• To reduce the number of people in care homes who are aged 85 and over.

The strategy also sets out a number of key actions for the future of care for the elderly:

• To improve the quality of care for the elderly population.

• To improve the efficiency of care for the elderly population.

• To improve the accessibility of care for the elderly population.

The strategy also sets out a number of key challenges for the future of care for the elderly:

• To address the needs of the elderly population who are living in care homes.

• To address the needs of the elderly population who are living in care homes.

• To address the needs of the elderly population who are living in care homes.

• To address the needs of the elderly population who are living in care homes.

**Reprints from the  
LIGHT LISTS  
and  
COAST PILOTS**

**Merchant Marine Deck Examination  
Reference Material**

**COMDTPUB P16721.38**

---

**THIS PUBLICATION CONTAINS INFORMATION TO BE USED IN  
EXAMINATIONS FOR MERCHANT MARINE LICENSES AND DOCUMENTS**

**NOT TO BE USED FOR NAVIGATION**

---





COMDTPUB P16721.38

COMMANDANT PUBLICATION P16721.38

5 Aug 1993

Subj: MERCHANT MARINE DECK EXAMINATION REFERENCE MATERIAL,  
REPRINTS FROM THE LIGHT LISTS AND COAST PILOTS.

1. PURPOSE. This publication contains reference material for use during an examination for a merchant marine deck license. It contains excerpts from Light Lists, Volumes 1 and 2, and Coast Pilots 2 and 3. This manual is current with the training charts used in the examinations.
2. DISCUSSION. Applicants for merchant marine deck licenses are tested to ensure their professional qualification. Some practical navigation questions are based on material in this publication, and applicants must refer to this publication to develop the correct answer.
3. PROCEDURE. This publication is available to applicants taking a deck merchant marine examination. The covers available for sale from the the Government Printing Office (GPO) are printed with red ink. The covers used in the Regional Examination Centers are printed with green ink. Applicants who purchase copies of this publication from the GPO may not use their personal copies during examinations.
4. ORDERING INFORMATION.
  - a. Regional Examination Centers will be provided with an initial supply of this publication. Replacement and additional copies are available through standard distribution sources.

DISTRIBUTION - SDL No. 131

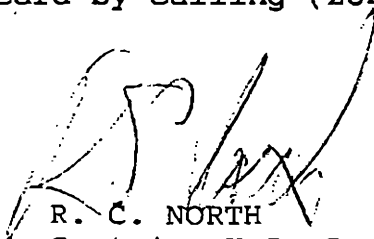
	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
A																										
B		1	1		1		1	1						1				1								
C					*								*													
D																										
E																										
F																										
G																										
H																										

NON-STANDARD DISTRIBUTION (See page 2.)

- b. The public and other Coast Guard units may order copies of this publication from the GPO at the following address:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

This book may also be ordered by telephone and charged to a national credit card by calling (202) 783-3238.



R. C. NORTH  
Captain, U.S. Coast Guard  
Acting Chief, Office of Marine Safety,  
Security and Environmental Protection

NON-STANDARD DISTRIBUTION:

C:e Toledo (350); Boston, Miami (225); New Orleans (150);  
Baltimore, San Francisco, Honolulu (125), Charleston, San  
Juan, Long Beach, Anchorage, Houston (75); Portland OR,  
Memphis, St. Louis, Puget Sound (50); Juneau, Norfolk, Guam,  
Ketchikan (25) (only)

C:m New York (250) (only).

## INSTRUCTIONS

1. This reference contains extracts of the LIGHT LISTS and COAST PILOTS. Some practical navigation questions in the deck examination booklets require plotting on Training Charts to determine the answer. Navigational information necessary to aid in plotting these problems is contained in this manual.

2. Applicants may also refer to this manual when testing with any module except Rules of the Road. For example, if the question in a Navigation General module is, "You lose sight of Orient Point Light, on the eastern end of Long Island, at a distance of 9.0 miles. What is the approximate meteorological visibility?", then you must use the "Luminous Range Diagram" on page xxxiv of the LIGHT LIST found in PART 1, SECTION A.

3. This manual is in 2 parts to correspond with the Training Charts. Each part has a section A (Light List) and a section B (Coast Pilot). Each section has its own index and three sections are printed on colored paper. The other section is printed on white paper.

Part 1, Section A - Blue pages  
Part 1, Section B - White pages  
Part 2, Section A - Yellow pages  
Part 2, Section B - Green pages

4. Applicants who wish to comment on any material in this publication should complete a Comment/Protest form for the question involved and give it to the examiner.

5. Individuals not taking an examination who wish to make a comment about this publication should send a written comment, citing this publication and the appropriate page and paragraph to:

Commandant (G-MVP-5)  
U.S. Coast Guard  
REPRINTS from LIGHT LISTS & COAST PILOTS  
2100 Second Street SW  
Washington, D.C. 20593-0001

All comments are welcomed and will be acknowledged. Valid comments will be incorporated into this publication.



# **MERCHANT MARINE DECK EXAMINATION REFERENCE MATERIAL**

**Reprints from**

## **LIGHT LISTS and COAST PILOTS**

### **TABLE OF CONTENTS**

#### **PART 1. BLOCK ISLAND and EASTERN LONG ISLAND SOUNDS**

SECTION A. LIGHT LIST - Volume I

SECTION B. COAST PILOT - 2

#### **PART 2. CHESAPEAKE BAY ENTRANCE and approaches**

SECTION A. LIGHT LIST - Volume II

SECTION B. COAST PILOT - 3

**NOTE:** For general information, regulations, and appendix refer to appropriate section in PART 1. This general information has been deleted from PART 2.



PART 1 - SECTION A

LIGHT LIST

Volume I - Atlantic Coast

covering

BLOCK ISLAND SOUND and EASTERN LONG ISLAND SOUND

including

general information on pages i to xxxiv

contents found on page iv



DEPARTMENT OF TRANSPORTATION, U.S. COAST GUARD

# LIGHT LIST

Volume I

## ATLANTIC COAST

St. Croix River, Maine to  
Toms River, New Jersey

### IMPORTANT

THIS PUBLICATION SHOULD BE CORRECTED  
EACH WEEK FROM THE LOCAL NOTICES TO MARINERS  
OR NOTICE TO MARINERS AS APPROPRIATE.

COMDTPUB P16502.1

U.S. GOVERNMENT PRINTING OFFICE  
WASHINGTON, DC:

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402  
Stock number: 050-012-00314-9

## PREFACE

Lights and other marine aids to navigation, maintained by or under authority of the United States Coast Guard, on the Atlantic coast of the United States from St. Croix River, ME to Toms River, NJ are listed in this volume.

Included are all Coast Guard aids to navigation used for general navigation. Not included are Coast Guard mooring buoys and some buoys having no lateral significance such as special purpose, anchorage, fish net, and dredging.

### PRIVATE AIDS TO NAVIGATION

**Included—Class I: Aids to navigation on marine structures or other works which the owners are legally obligated to establish, maintain, and operate as prescribed by the Coast Guard.**

**Included—Class II: Aids to navigation exclusive of Class I, located in waters used by general navigation.**

Not included—Class III: Aids to navigation exclusive of Class I and Class II, located in waters not ordinarily used by general navigation.

This list, published annually, is intended to furnish more complete information concerning aids to navigation than can be conveniently shown on charts. It is not intended to be used during navigation in place of charts or Coast Pilots and should not be so used. The charts should be consulted for the location of all aids to navigation. It may be dangerous to use aids to navigation without reference to charts.

This list is corrected to the date of the Notices to Mariners shown on the title page. Changes made to aids to navigation during the year are published in the Local Notice to Mariners and the Notice to Mariners. Important changes to aids to navigation are also broadcast by the U.S. Coast Guard through Coast Guard or Naval radio stations. Mariners should keep their Light List, as well as charts and other nautical publications, corrected from these notices and should consult all notices issued after the date of publication of the Light List.

*IMPORTANT: A summary of corrections for this publication, which includes corrections from the dates shown on the title page to the date of availability, is published in the Local Notices to Mariners and the Notice to Mariners. These corrections must be applied, in order to bring the Light List up-to-date. Additionally, this publication should be corrected weekly from the Local Notice to Mariners or the Notice to Mariners as appropriate.*

Mariners and others are requested to bring to the attention of the District Commander (see p. iii) or Commandant (G-NSR-3/14), U.S. Coast Guard, 2100 Second St., S.W., Washington, DC 20593-0001, any apparent errors or omissions in these lists.

## RECORD OF CORRECTIONS PUBLISHED IN LOCAL/WEEKLY NOTICES TO MARINERS

YEAR 19\_\_

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

YEAR 19\_\_

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

**North American Datum of 1983:** Through the use of satellites and other modern surveying techniques, it is now possible to establish global reference systems which provide more accurate geographic positions. Currently, several datums such as the North American Datum of 1927, U.S. Standard Datum, Old Hawaiian Datum, Puerto Rican Datum, Local Astronomic Datum, and others are in use. The National Oceanic and Atmospheric Administration (NOAA) has identified the North American Datum of 1983 (NAD 83) to replace the various datums in use on charts.

**NOTE:** The geographic positions listed in the Light List are referenced to the horizontal datum of the current edition of the chart identified in the heading preceding an entry. Corrections to the geographic positions listed will appear in the Local Notices to Mariners and the Notice to Mariners as new charts referencing NAD 83 are issued.

## COAST GUARD DISTRICTS AND ADDRESSES OF DISTRICT COMMANDERS

DISTRICT	ADDRESS	WATERS OF JURISDICTION
<b>FIRST</b>	408 Atlantic Avenue Boston, MA 02110-3350 PHONE: DAY 617-223-8338 PHONE: NIGHT 617-223-8558	Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut, New York, to Toms River, New Jersey.
<b>SECOND</b>	1222 Spruce Street St. Louis, MO 63103-2835 PHONE: DAY 314-539-3714 PHONE: NIGHT 314-539-3709	Mississippi River System, except that portion of the Mississippi River south of Baton Rouge, Louisiana and the Illinois River north of Joliet, Illinois and the Tennessee-Tombigbee Waterway below Mile 411.9.
<b>FIFTH</b>	Federal Building 431 Crawford Street Portsmouth, VA 23704-5004 PHONE: DAY 804-398-6486 PHONE: NIGHT 804-398-6231	Toms River, New Jersey to Delaware, Maryland, Virginia, District of Columbia and North Carolina.
<b>SEVENTH</b>	Brickell Plaza Building 909 SE 1st Avenue Miami, FL 33131-3050 PHONE: DAY 305-536-5621 PHONE: NIGHT 305-536-5611	South Carolina, Georgia, Florida to 83°50'W, and Puerto Rico and adjacent islands of the United States.
	Commander Greater Antilles Section U.S. Coast Guard P.O. Box S-2029 San Juan, PR 00903-2029 PHONE: 809-729-6870	Immediate jurisdiction of waters of Puerto Rico and adjacent islands of the United States.
<b>EIGHTH</b>	Hale Boggs Federal Building 501 Magazine Street New Orleans, LA 70130-3396 PHONE: DAY 504-589-6234 PHONE: NIGHT 504-589-6225	Florida from 83°50'W, thence westward, Alabama, Mississippi, Louisiana and Texas.
<b>NINTH</b>	1240 East 9th Street Cleveland, OH 44199-2060 PHONE: DAY 216-522-3991 PHONE: NIGHT 216-522-3984	Great Lakes and St. Lawrence River above St. Regis River.
<b>ELEVENTH</b>	Union Bank Building 400 OceanGate Blvd. Long Beach, CA 90822-5399 PHONE: DAY 310-499-5410 PHONE: NIGHT 310-499-5380	California.
<b>THIRTEENTH</b>	Federal Building 915 Second Avenue Seattle, WA 98174-1067 PHONE: DAY 206-553-5864 PHONE: NIGHT 206-553-5886	Oregon, Washington, Idaho, and Montana.
<b>FOURTEENTH</b>	Prince Kalaniana'ole Federal Bldg. 9th Floor, Room 9139 300 Ala Moana Blvd. Honolulu, HI 96850-4982 PHONE: DAY 808-541-2320 PHONE: NIGHT 808-541-2500	Hawaii, American Samoa, Marshall, Marianas, and Caroline Islands, and Subic Bay, Philippines.
<b>SEVENTEENTH</b>	P.O. Box 25517 Juneau, AK 99802-5517 PHONE: DAY 907-463-2245 PHONE: NIGHT 907-463-2000	Alaska.

## CONTENTS

GENERAL INFORMATION:	Page
Light List Coverage .....	Inside Front
Preface .....	ii
Private Aids to Navigation .....	ii
Record of Corrections.....	ii
Districts and Addresses of District Commanders.....	lii
Introduction.....	v
Description of Columns .....	v
Related Publications .....	v
Notices to Mariners .....	vi
Reporting Defects in Aids to Navigation .....	vi
U.S. Aids to Navigation System .....	vi
Types of Marks .....	vii
Buoys and Beacons.....	viii
Lighted Aids to Navigation .....	viii
Oil Well Structures .....	ix
Characteristics of Aids to Navigation.....	ix
Light Colors .....	ix
Light Rhythms.....	x
Characteristics of Lights .....	xi
Shapes .....	xiii
Numbers .....	xiii
Dayboards.....	xiii
Other Short Range Aids to Navigation .....	xv
Variations to the U.S. System.....	xv
Bridge Markings.....	xvi
U.S. Aids to Navigation System (Illustrated) .....	xvii
Electronic Aids to Navigation.....	xxi
Racons .....	xxi
Radar Reflectors.....	xxi
Radiobeacons .....	xxi
Loran-C .....	xxii
Global Positioning System (GPS) .....	xxiii
Glossary of Aids to Navigation Terms .....	xxiv
Abbreviations Used in Coast Guard Broadcast Notices to Mariners.....	xxvii
Radiobeacon System – Atlantic Coast.....	xxx
Radiobeacon System – Atlantic Coast (Chartlet) .....	xxxii
Geographic Range Table.....	xxxiii
Luminous Range Diagram .....	xxxiv
Conversion Table (Feet to Meters) .....	Inside Back