

## 1. GENERAL

One of the features of Global Maritime Distress/Safety System (GMDSS) is high reliability established by automatic and introduction of digital techniques.

The receiver executes the NAVTEX function that automatically receives and prints out NAVTEX service broadcasts supplied in English.

The NAVTEX function receives and prints out the various type of information broadcast at a frequency of 518kHz, such as: navigational alert information, meteorological alert information, search-and-rescue information, and other types of information. The equipment also provides a method of programming so that you can select the type of information to be received and from which receiving station to receive it.

### 1.1 SCOPE AND PURPOSE

The following technical data on the NCR-330 NAVTEX Receiver are submitted to the Federal Communications Commission for Type acceptance under Part 2 and 80 of the Commission's rules and regulations.

### 1.2 NCR-330 Composition

The NCR-330 consists of the following units and attachments:

No.	Component	Model / Part Number	Q'ty	Remarks
1	NAVTEX Receiver unit	NCR-330	1	
2	Mounting screws	MPTG02024	4	
3	Printer paper	H-7ZPJD0044	1	
4	Instruction manual	H-7ZPJD0067	1	
5	Operating card	H-7ZPJD0069	1	
6	Spare fuse	H-6ZXAF00021	1	
7	Ship Registration Form	H-7ZPJD0065	1	

## 2. TYPE NUMBER

TYPE : NAVTEX Receiver  
MODEL : NCR-330  
FCC ID : CKE NCR-330

### 3. SPECIFICATION

#### 3.1 Electrical specifications

##### (1) NAVTEX Receiver unit

###### a. Receiver

Receiving frequency	518kHz
Receiving scheme	STRAIGHT
Receiving mode	F1B
Gain	Max. character error ratio: 1% at an antenna input of 1μV
Antenna input	Special antenna(NAW-330)
BK	12VDC or 24VDC
External alarm interface	Open-collector type Max: 500mA at 35VDC Recommended product: CGC-300A [ Max. power consumption: 20mA Audio output level: 85dB/m ]
Receiving format	7-bit error detection code based on the NAVTEX broadcasting format

###### b. Printer

Printing scheme	Thermosensitive 7×6 or 7×5 dot matrix
Total characters/line	35 or 40
Printer paper	TF50KS-E3, 80mm×60mm across×40m
Out-of-paper warning	Alarm buzzer Operating panel lamp blinking Red end-of-paper line marks on printer paper (the red lines indicate there is one meter or less remaining )

###### c. Control switches

Power on/off
Receiving coast station selection
Message type selection
Receiver status selection
Alarm buzzer manual turn-off
Receiver status information printing
Brightness control
Self-diagnostic tests
Paper feeding

###### d. Display/indicator unit

Power-on indicator
Visual alarm on important message receiving
Out-of-paper alarm
Receiving indicator

(2) Power unit	
Input voltage	12 to 24 VDC (Tolerance +30%, -10%)
Power consumption	(Standby) at 12 VDC : Approx.4W (Operating) at 12 VDC : Approx.6W (max.) (Standby) at 24 VDC : Approx.5W (Operating) at 24VDC : Approx.7W (max.)

### **3.2 Mechanical specifications**

(1) Minimum and maximum temperature range	Operating : -15 to +55°C Storage : -25 to +75°C
(2) Relative humidity	Up to 95% at 40°C
(3) Dimensions	246mm wide×170mm high×131.5mm deep (with mounting base)
(4) Installation	Wall-mounting, desk-mounting, or ceiling-mounting
(5) Weight	2.0kg(with mounting base)