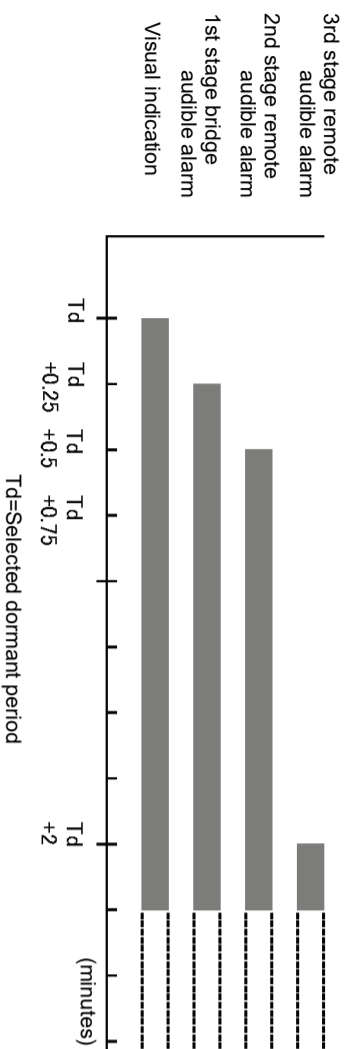


## WATCH ALARM Operation

### 1. Operation sequence of displays and alarms

At the end of a dormant period, the WATCH ALARM initiates in order of visual indication, first stage bridge audible alarm, second stage remote audible alarm, and third stage remote audible alarm. The alarm continues until it is reset.

Visual indication	At the end of a dormant period, a visual indication initiates on the bridge. The visual indication is the form of a blinking display.
First stage bridge audible alarm	If not reset in 15 sec after the visual indication is initiated, it is the audible alarm initiated in a bridge.
Second stage remote audible alarm	If not reset in 15 sec after the first stage bridge audible alarm is initiated, it is the audible alarm initiated in the remote place of a backup officer's and/or a Master's location.
Third stage remote audible alarm	If not reset in 90 sec (change in 0 or 90 sec to 180 sec is possible) after the second stage remote audible alarm is initiated, it is the audible alarm initiated in the location of further crew.



Alarm sequence and indication without acknowledgements

### 2. Component operations at respective stages

	Normal state	Visual indication	The first stage bridge audible alarm	The second stage remote audible alarm	The third stage remote audible alarm
Bridge (NWZ-4650 display unit)	Illuminated	Blinking	Blinking	Blinking	Blinking
Bridge (NCD-2257 Warning lamp unit)	-	Blinking	Blinking	Blinking	Blinking
Bridge (NCJ-895/896 Reset button unit)	Illuminated	Blinking	Blinking / Sounding	Blinking / Sounding	Blinking / Sounding
Backup officer (NVS-785 Buzzer unit)	-	-	-	Sounding	Sounding
Officer (NVS-785 Buzzer unit)	-	-	-	-	Sounding
Public room (NVS-785 Buzzer unit)	-	-	-	-	Sounding

## JCX-161 Operational Card



### Operation key

	A dormant period is reset.
	An emergency call is generated by pushing for 2 seconds.
	A menu screen is displayed.
	The contrast of LCD is adjusted.
	The brightness of LCD/Operation key is adjusted.
	A countdown screen is displayed.
	Operation is canceled.
	Cursor is moved at the time of menu operation.
	Processing is finalized at the time of menu operation.

## Operation of Officer of the Watch (OOW)

### Reset operation

- Before a dormant period is finished, push the button for reset of  key or the reset button unit, and reset a dormant period.
- Any other key press will also cause reset.

### Alarm state



Since unacknowledged alert is generated when the  marker is displayed on the LCD lower part, press a  key, display a menu screen, choose [ALARM], and check the state of alarm.

#### Alarm information

AC POWER FAIL	The state of AC power supply is displayed.
DC POWER FAIL	The state of a DC power supply is displayed.
SYSTEM FAIL	The state of a BNWAS system is displayed.

### Call functions



When required, various call functions are used.

EMCY CALL	An emergency call is initiated by pressing a  key for 2 seconds. All the audible alarm unit start sounding.
OFFICER CALL	An officer call is initiated, when a  key is pressed, a menu screen is displayed and [OFFICER CALL] is chosen. The audible alarm units of the room set to the bridge and the backup officer sound.




## Operation of Duty Officer

### Password

The input of a password is required to carry out change of the operation mode or various time, and a backup officer's setting variation.

- Press a  key, display a menu screen and choose [SET VALUE].
- Since a password input screen is displayed, enter 4 figures of passwords by up and down arrow key, and press a  key.  
(As for the password, "0000" is set up as an initial value.)
- Since a function selection screen is displayed, choose each function.

### Change the time settings

- A  key is pressed, display a menu screen, choose [SET VALUE], and enter a password.
- Choose [ALARM TIME] in a function selection screen.  
Since a dormant period is displayed on [INTERVAL], it changes by up and down arrow key. Since the third stage remote audible alarm transfer waiting time is displayed on [3RD STAGE], it changes by up and down arrow key.  
Since bridge alarm transfer waiting time is displayed on [BRIDGE], it changes by up and down arrow key.  
Also it is set up when all press a  key.
- After a change is over, push a  key. It returns to a countdown screen.

### Change the operation mode

- A  key is pressed, display a menu screen, choose [SET VALUE], and enter a password.
- Choose [OPERATION MODE] in a function selection screen.  
Choose the operation mode to change and push . The selected mode changes to the display of [ON].
- After a change is over, push a  key. It returns to a countdown screen.

**Operate in "MANUAL ON" mode normally.**  
**When power on, the system starts with "MANUAL ON" mode. The operation mode is not memorized.**

### Change the backup officer

- A  key is pressed, display a menu screen, choose [SET VALUE], and enter a password.
- Choose [BACKUP OFFICER] in a function selection screen.  
Choose the officer who wants to change. Press a  key. When the up and down arrow key is pressed, ON/OFF will change. It is set up when a  key is pressed.  
**The backup officer who is not connected is not displayed.**  
**It is necessary to make at least one person's officer backup.**
- After a change is over, push a  key. It returns to a countdown screen.

### Alert history

- Press A  key, and a menu screen is displayed. When choosing [HISTORY], an alert history is displayed.
- Six histories are saved at the maximum and displayed on new order.