



**Prevention
(Marine Safety)
Department
Navigation
System
Division**



**AtoN
DISCREPANCY
REVIEW**



PRESENTATION OBJECTIVES

- To acquire a general knowledge of the responsibilities of the Auxiliary for checking aids for discrepancies.
- To understand the three categories of aid to navigation discrepancies.
- To help an Auxiliarist to recognize a discrepancy to an aid to navigation.

Discrepancy Categories

CRITICAL

URGENT

ROUTINE

Definition of **CRITICAL**

**C
R
I
T
I
C
A
L**

This term is used for those discrepancies where failure to report by the most expeditious means may result in loss of life or damage to a vessel.

CRITICAL Discrepancies

**C
R
I
T
I
C
A
L**

If a Federal Aid or a PATON is listed in the Light List (Class I and II), report at once to the C.G. ANT **by the most expeditious means.**

Definition of **URGENT**

U This term is used for
R those discrepancies
G where failure to report
E will not result in loss of life
N or vessel damage, but may
T contribute to a grounding
or a stranding.

URGENT Discrepancies

**U
R
G
E
N
T**

If a Federal (or Private Aid is listed in the Light List - Class I or II), report at once to the C.G. ANT **by the most expeditious means.**

Definition of **ROUTINE**

**R
O
U
T
I
N
E**

This term is used for those discrepancies where failure to report will result in very low likelihood of grounding or stranding, but corrective maintenance is necessary.

ROUTINE Discrepancies

Forward a hard-copy report to your C.G. ANT through your Auxiliary Unit Coordinator

by mail.

**R
O
U
T
I
N
E**

Auxiliary Unit Coordinator

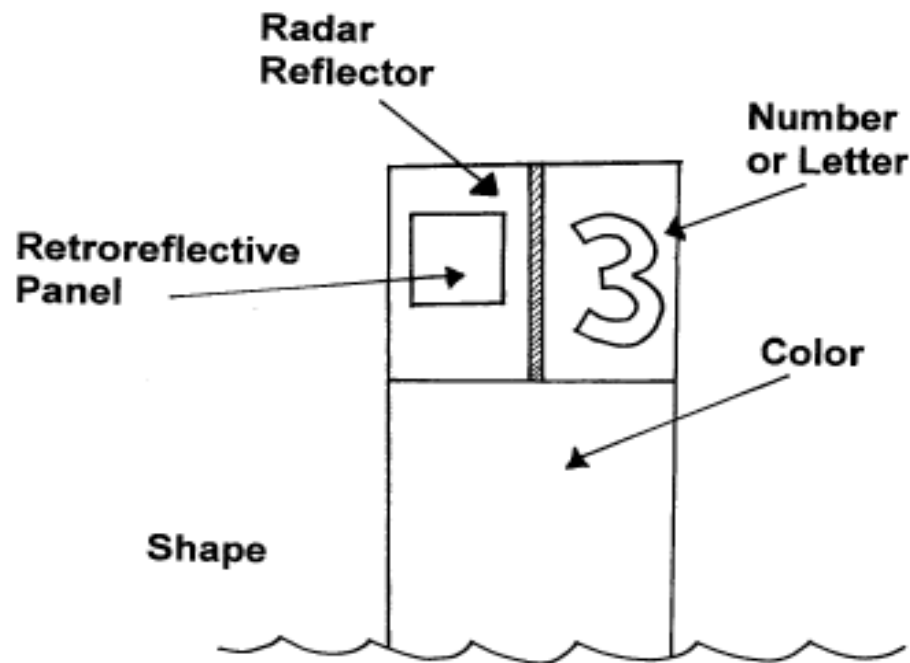
This is reference to the Auxiliarist
assigned to screen AtoN reports before
they are presented to the Coast Guard
– **AUX Quality Control**

Should be **AV-Aid Verifier** qualified.

Often is a Auxiliary liason assigned to a
particular CG ANT, Cutter or CG
Agency that manages the aids to
navigation in the AOR.

Aids To Navigation ATONs

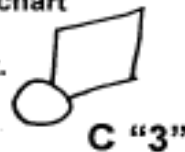
On Station?



Light List Narrative

Compare visual sighting to the chart symbols on the latest nautical chart to the data in the Light List. If there is a difference, report it.

Chart Symbol

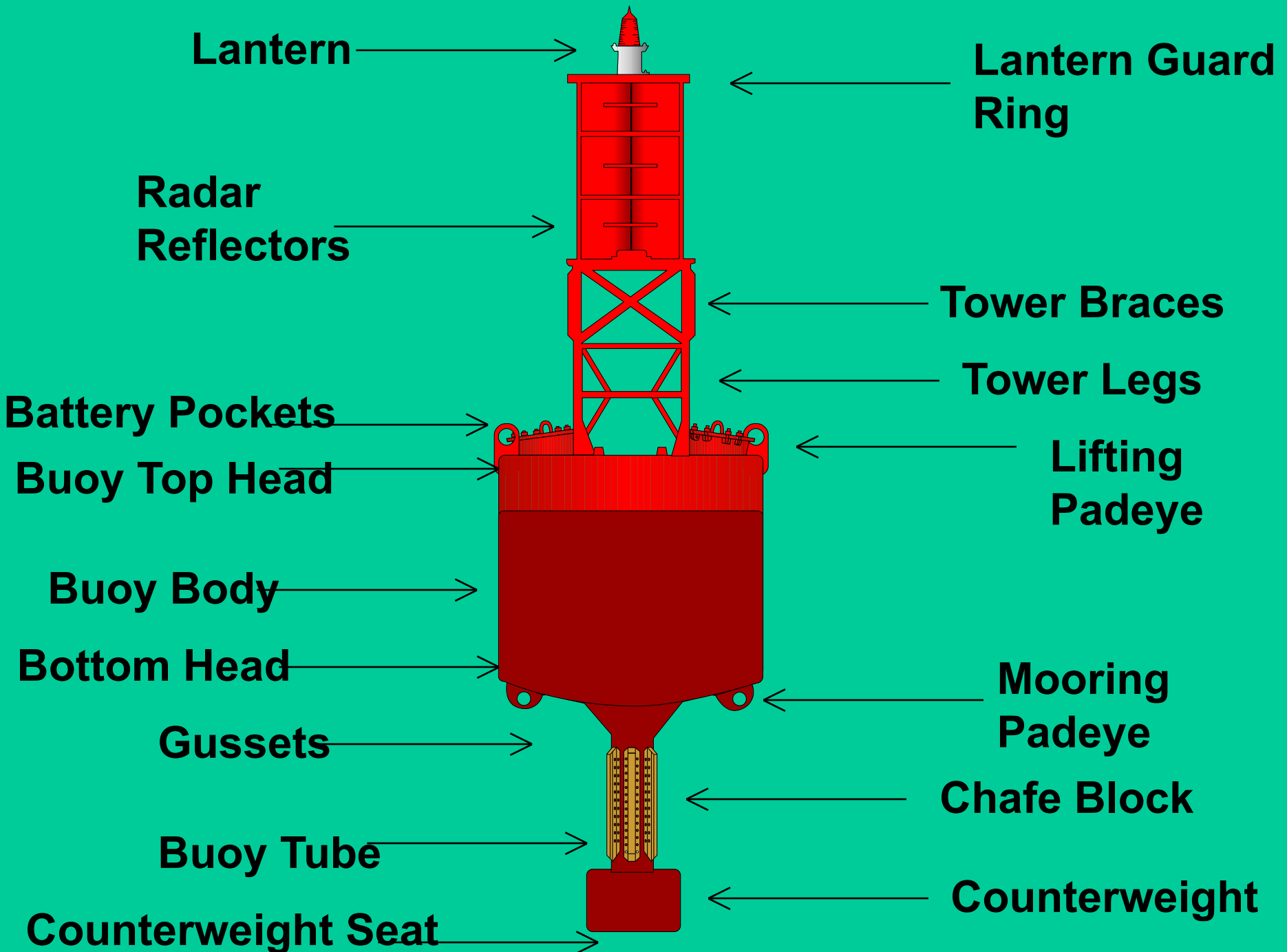


Sinking?

Submerged?

Paint Condition

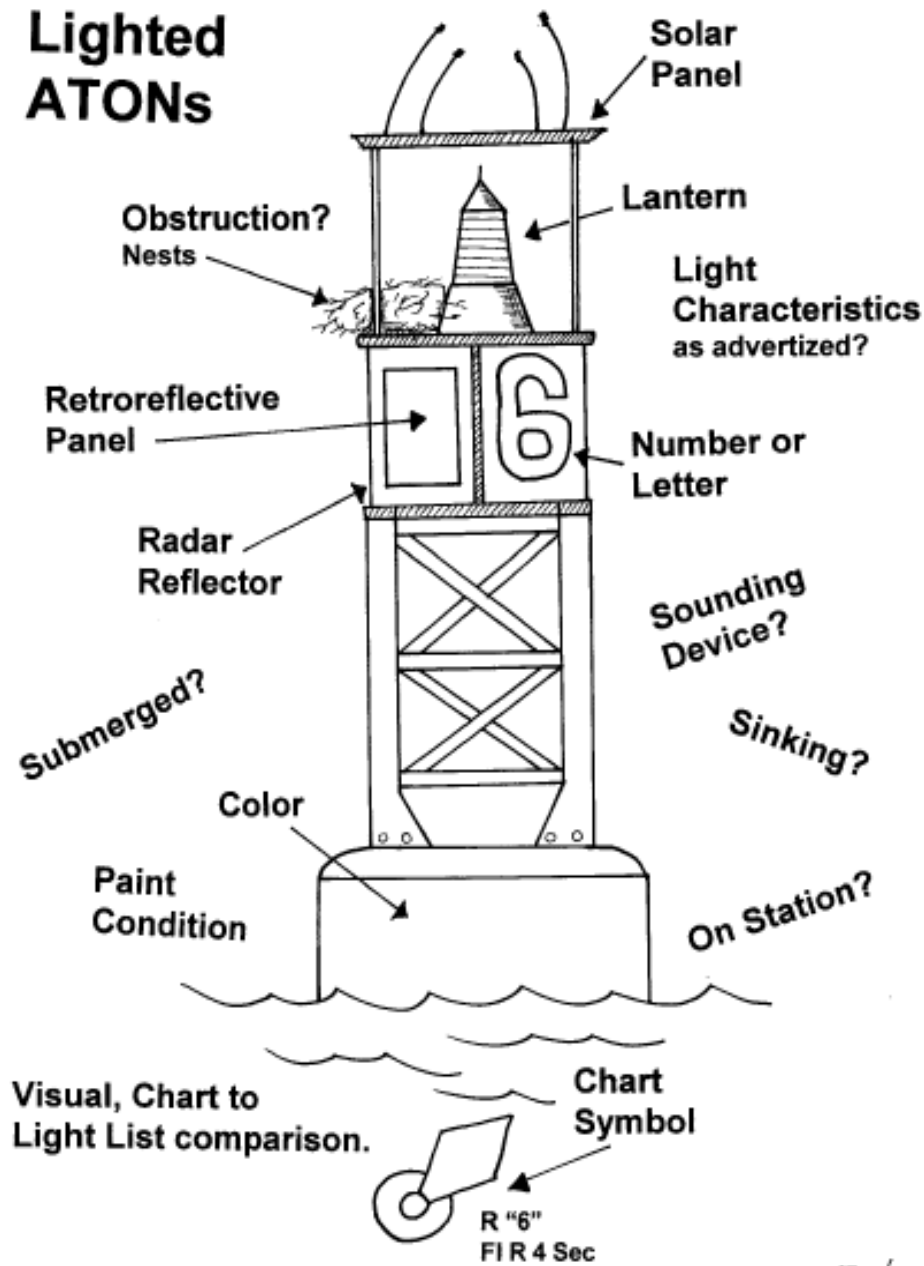
Report it if it shows 25% deterioration or loss of lateral significance.



**M
O
R
E

I
S
S
U
E
S**

Lighted ATONs





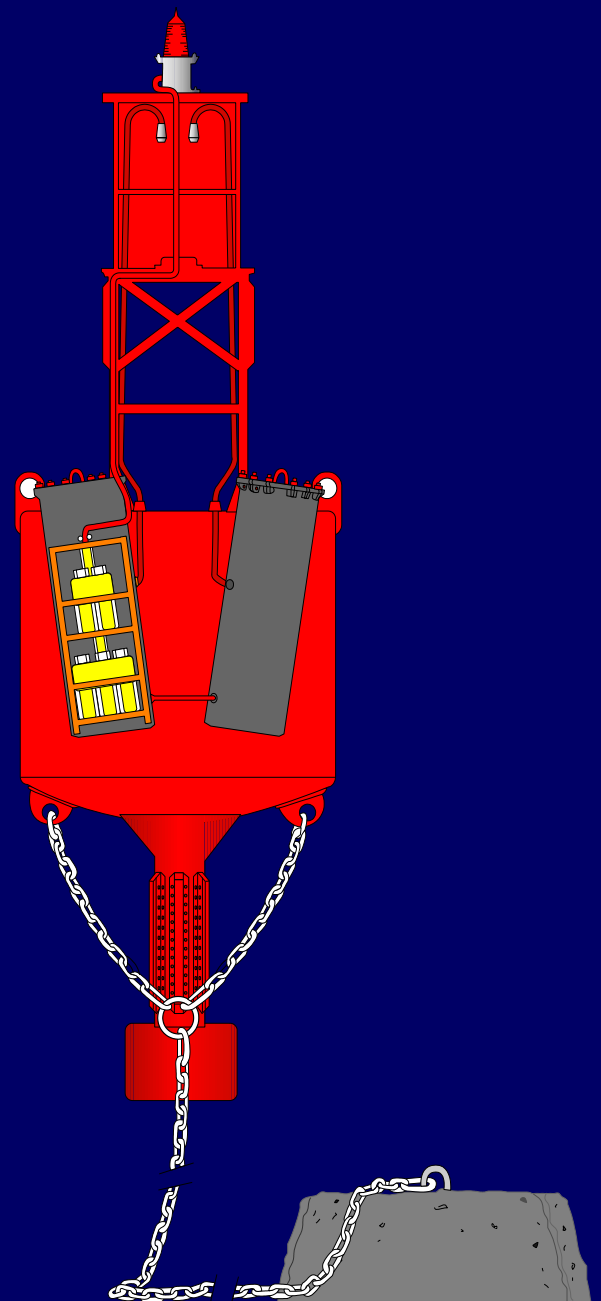
Battery Pockets

- Battery Pockets:

Hollow watertight tubes built into the buoy body that hold the batteries.

Still a concern even when the new LED light fixtures are used.

Check that snorkel is intact and the tubes are intact at the hull even when a new LED lantern is used.



The reason for the venting system on Lighted Buoys

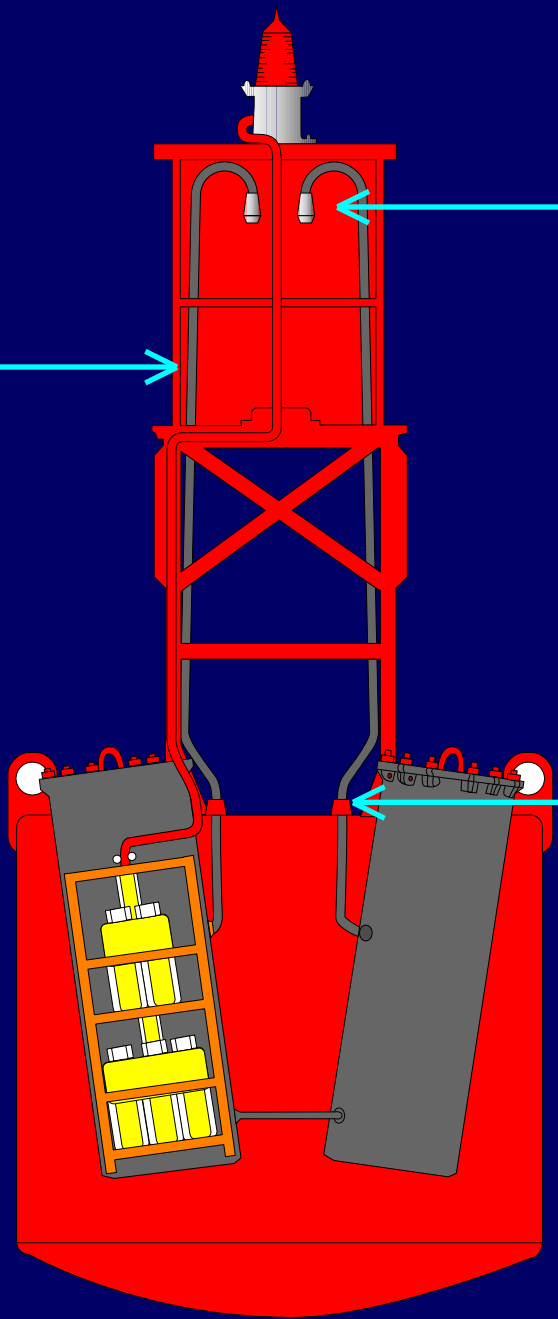
- The batteries used in lighted buoys require a continuous means of airflow.
- Primary batteries require oxygen from the air to operate.
- While secondary (solar) batteries must vent flammable hydrogen gasses.

Vent System

Vent Line

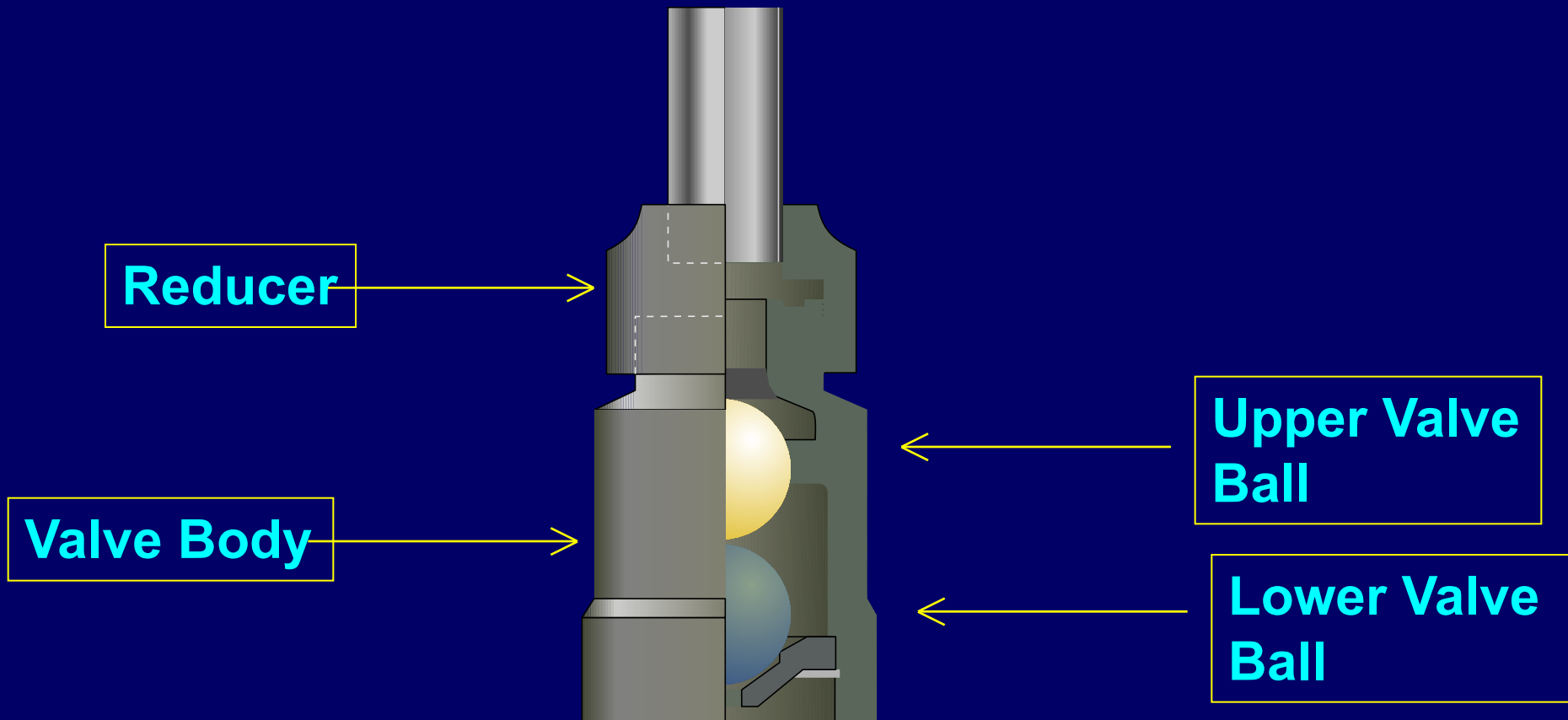
Vent Valve

Tube at the hull



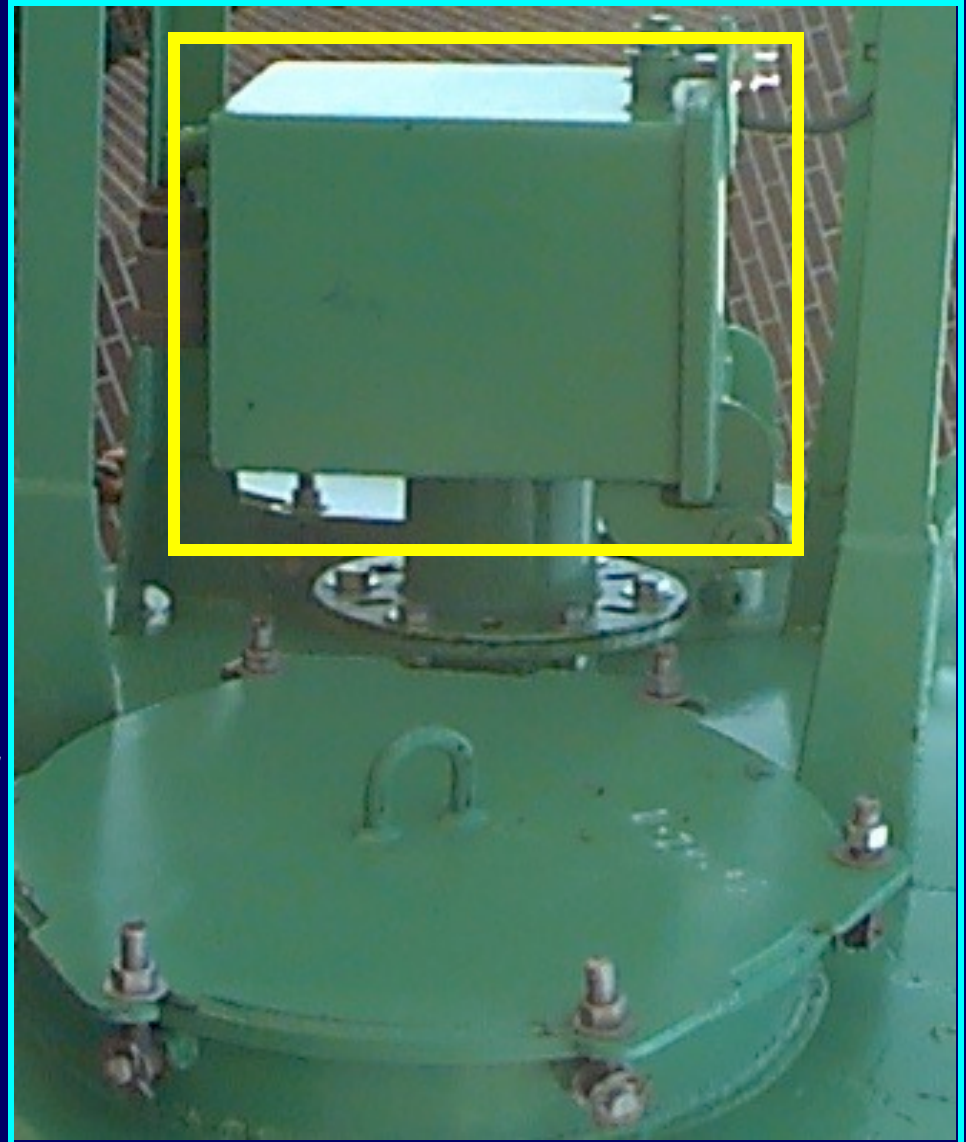
Vent Valve

Designed to seal when the buoy heels over 30 degrees or is submerged.



Battery Box

- There are single and double battery boxes.
- A vent valve must be installed.
- Box may be painted the color of the buoy.



Sound Systems

There are three main types of wave actuated sound signals:

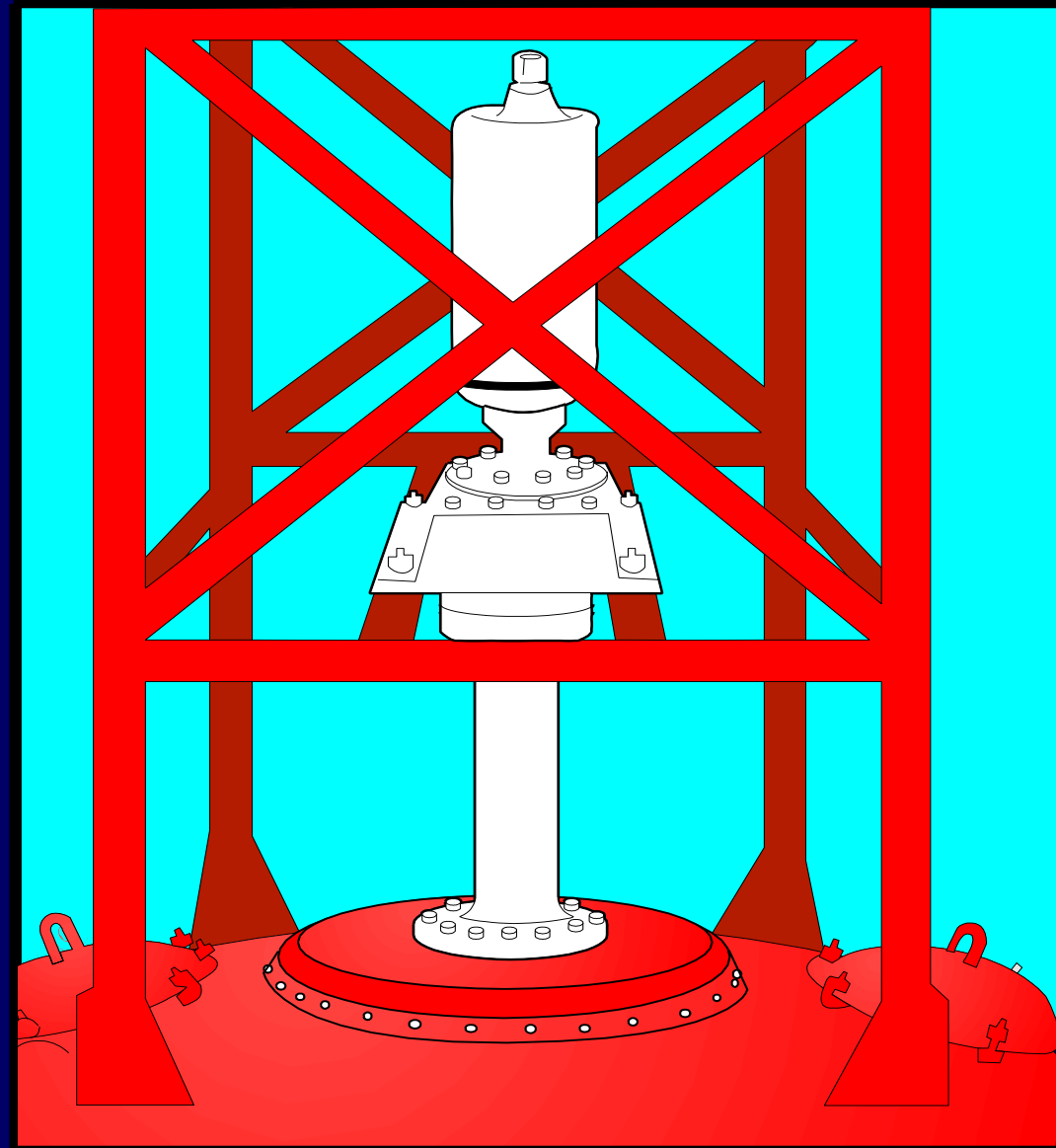
Whistle

Bell

Gong

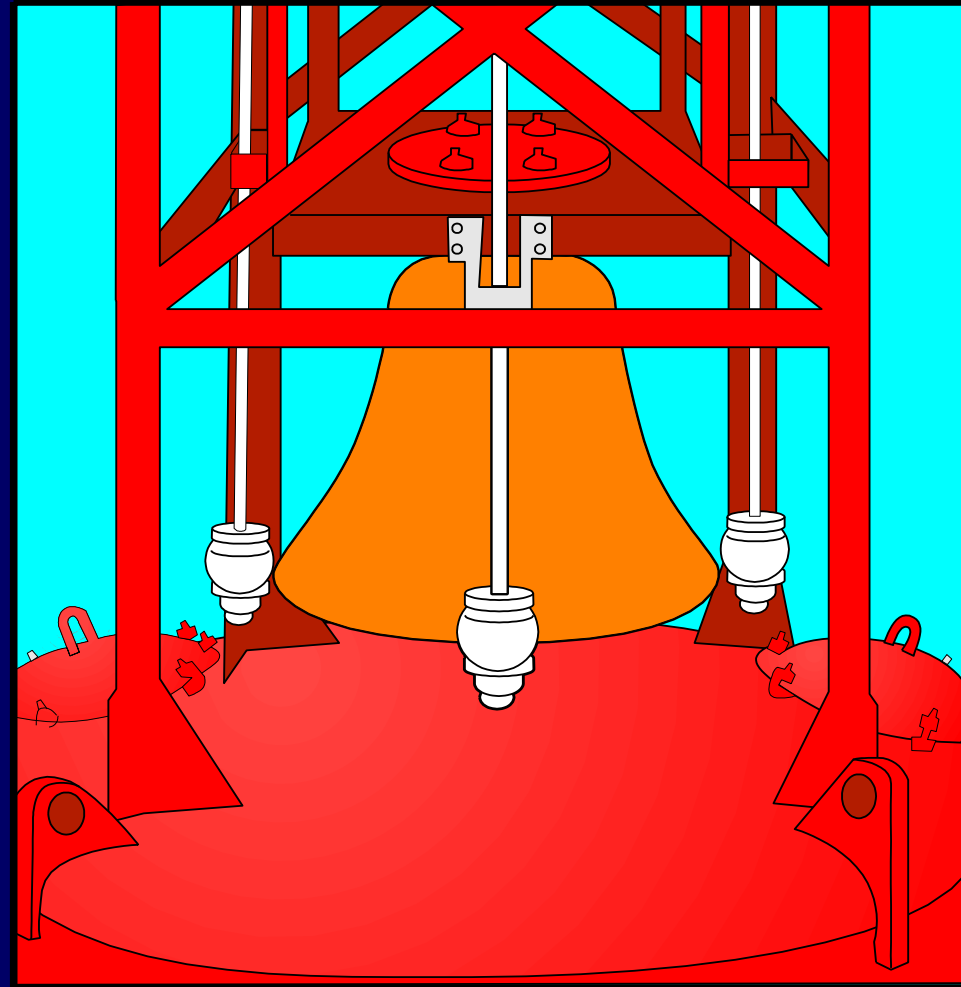
Whistle

- Whistle is made of cast bronze and is mounted inside the cage.
- As air is forced through the whistle, the familiar drone sound is made.



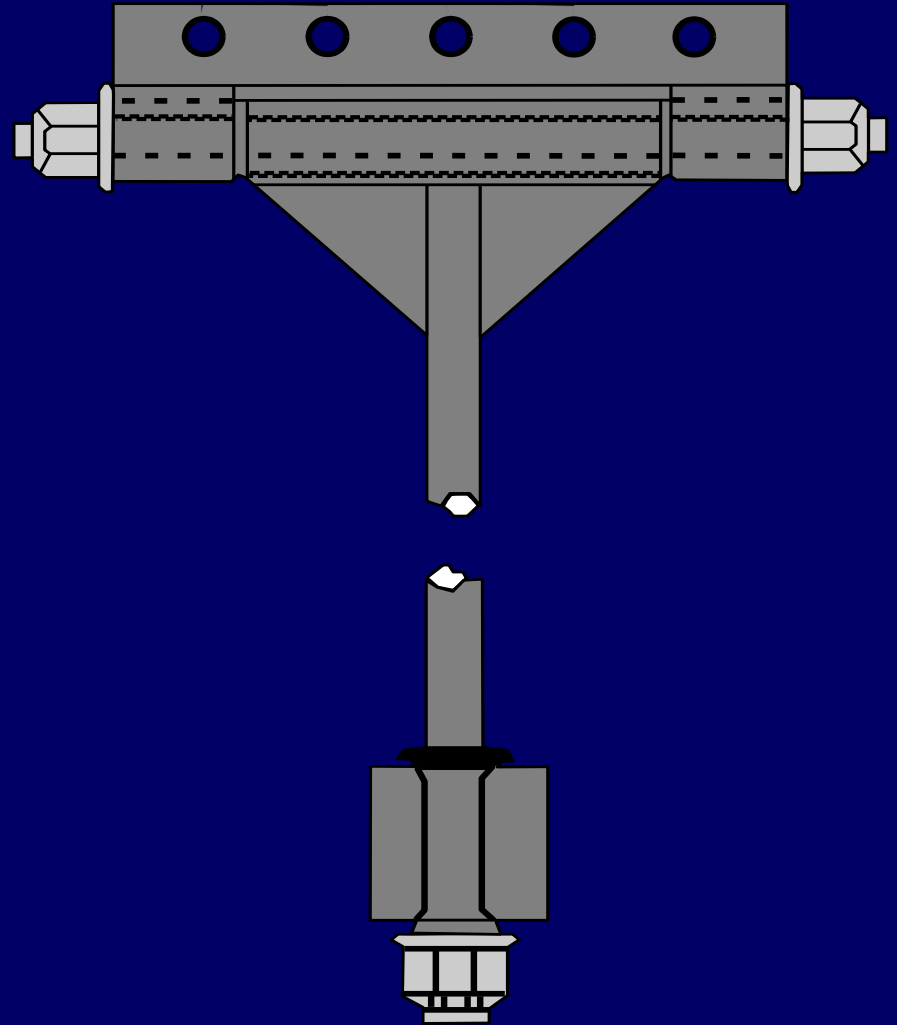
BELLS

- Bells used on lighted and unlighted buoys and are made of a copper-silicon alloy.
- External tappers impact the fixed bell when wave motion causes the buoy to roll.



1975 Type Tapper

- This type tapper is a modification of the 1962 type. The tapper balls come in various sizes and have been designed to minimize vibration. (Standard)



LED LANTERN

(Light Emitting
Diode)

Introduction

- MFG by Carmanah of Canada.
- Approved as a replacement for the 155 mm.
- Used with a 5NFR/5CFR to replace old style TRLB.
- Cost \$749.00.
- Programmable flash rhythm by remote.

Model 701

- Self-powered.
- Omni-directional.
- Single Unit-Solar panels, flasher, battery, DLC and lantern housed together.
- 3 mile range.



Model 701

- Available in **RED**, **GREEN**, **YELLOW**, and **WHITE**.
- Programmable flash characteristic.
- **FIXED** characteristic has 2 mile range.



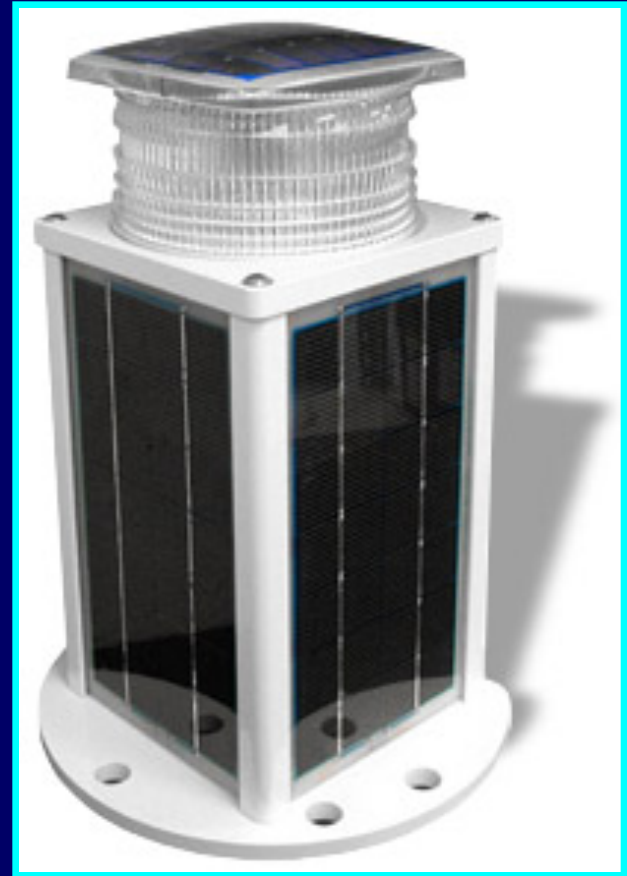
Model 702

- Larger battery.
- More Solar Panels.
- Designed for use in limited sunlight.
- Same features as 701.



Model 702-5

- Same as 702.
- Extra solar panel on top.
- Designed for extremely limited sunlight (**less than 1.5 hrs a day**).



Model 601

- Not approved for use by USCG.
- 2 NM range.
- Self-contained.
- May be used on private aids.
- Small, lightweight, easy to install, inexpensive.



Programming the light characteristic:

- Lantern color determined by colored dot near serial number.
- Any flash characteristic can be programmed using a Universal TV remote control.
- Security code must be entered to prevent accidentally changing characteristic.
- Follow instructions supplied with lantern.

Installing the lantern:

- Install with three bolts similar to a 155.
- Use leveling bolts on a structure.
- Bolts can obstruct solar panels, make sure they protrude only as much as necessary.
- Install nylon insulating spacer on buoys to minimize corrosion.

Service Life of Lantern

- LED lanterns do not burn out.
- Light output degrades over time.
- Replace lanterns according to Duty Cycle.
- 10-29% duty cycle replace every 12 yrs.
- 30-100% replace every 8 years.
- Replace battery every 4 years.



**Coast
Guard
servicing
an Aid**



Maneuvering into position near the aid.



Pulling the buoy.



Placing the buoy on deck.



Servicing the harness.



Inspecting the chain and anchor



Servicing the lantern.



**Faking out the chain
in preparation to
resetting the buoy.**

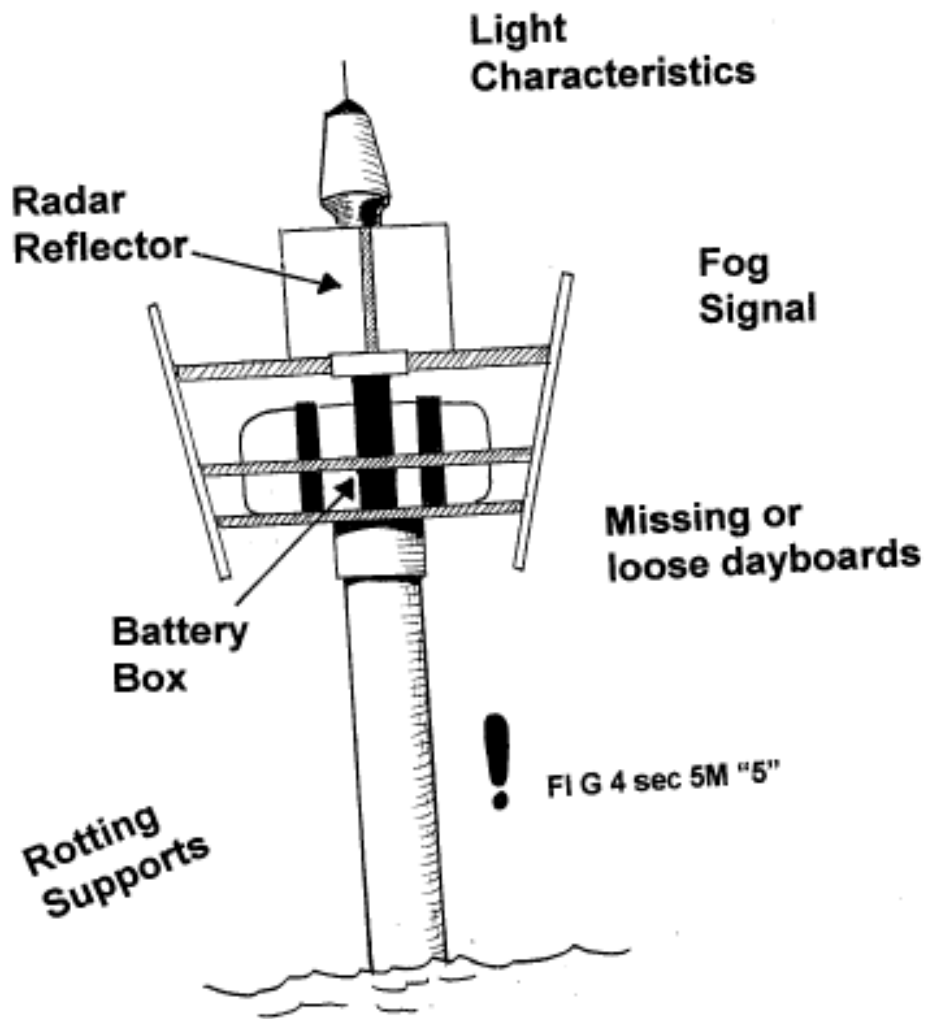




**Aid is put
back on
station**

Small Lights and Daymarks

SMALL LIGHTS



Leaning more than 15 degrees.

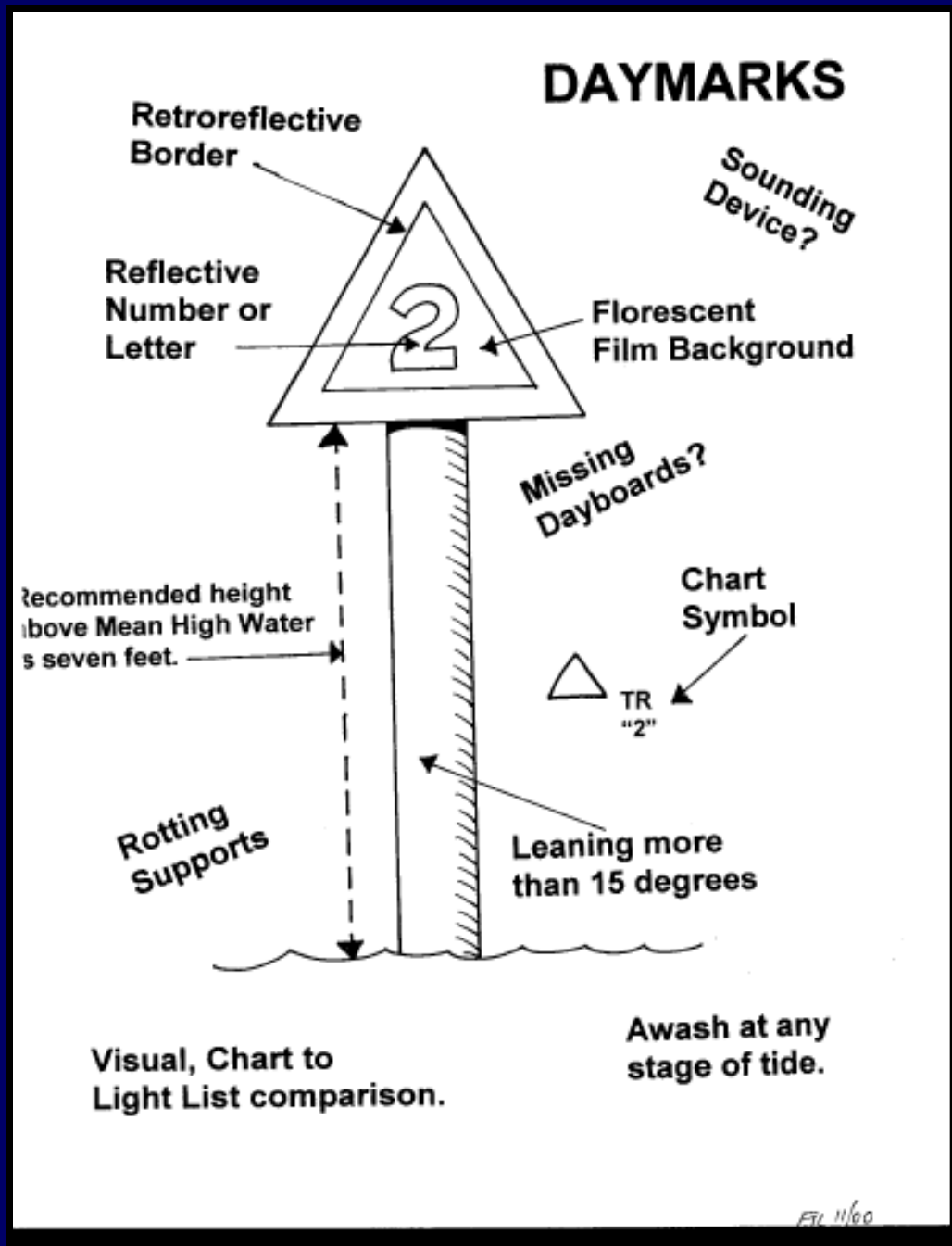
FIL/11-00

Don't
get
too
close
to this
ATON!

Always stay
in the
channel.

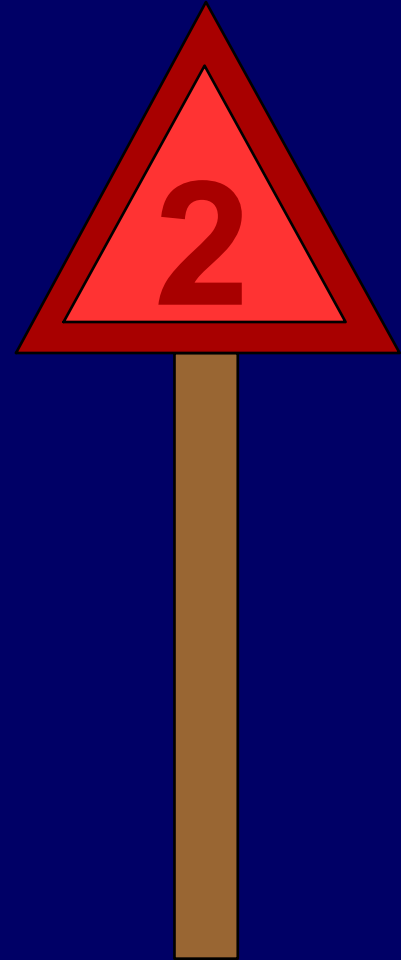
Check after storms.

Panels are designed to break away so that high winds or waves will not destroy the supporting pile or structure.



Single Pile Structure

- Used in protected or semi-exposed locations where *fixity* can be attained.



Multiple Pile Structures

- Used when *fixity* can not be achieved with single pile.
- Two categories:

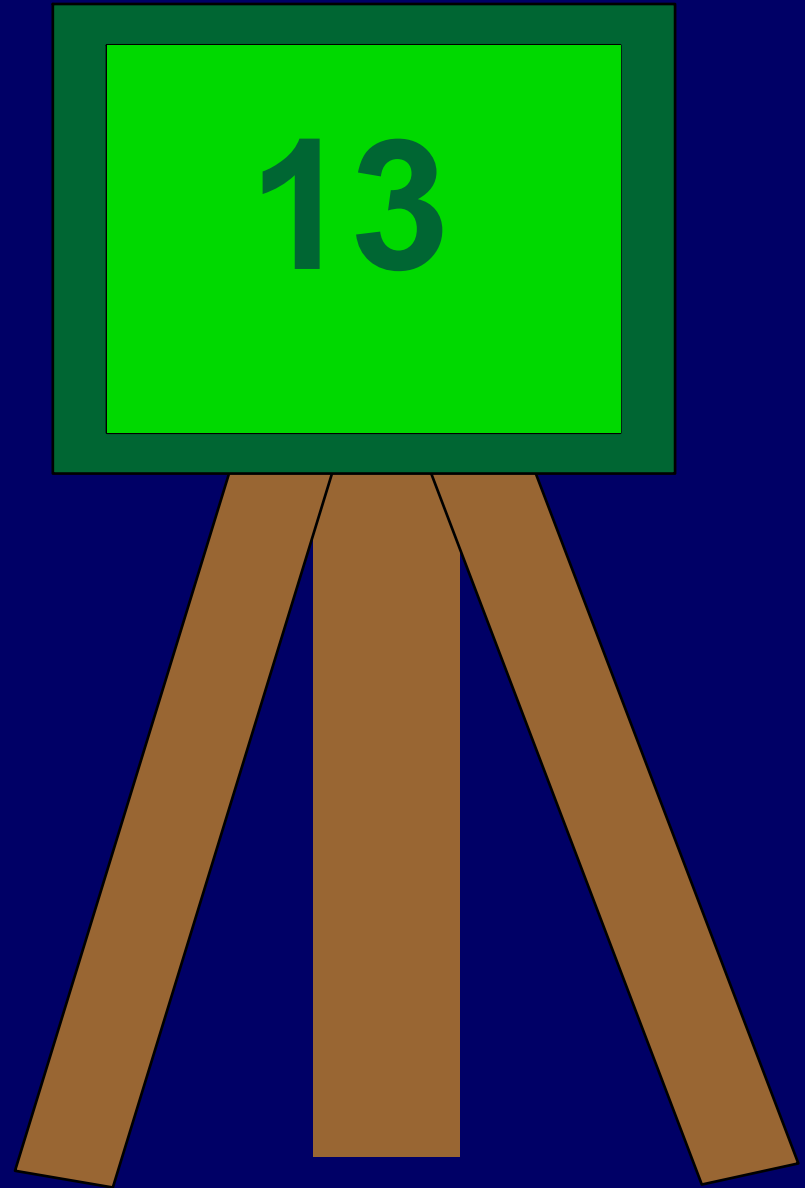
Dolphin

Platform Structure

Dolphin

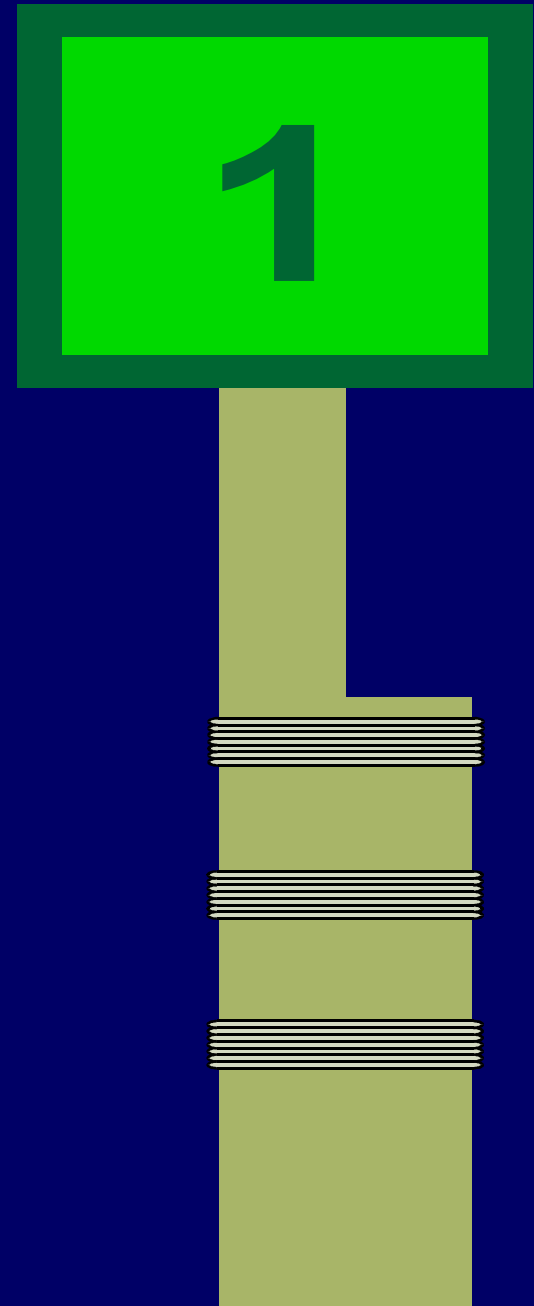
■ Battered pile

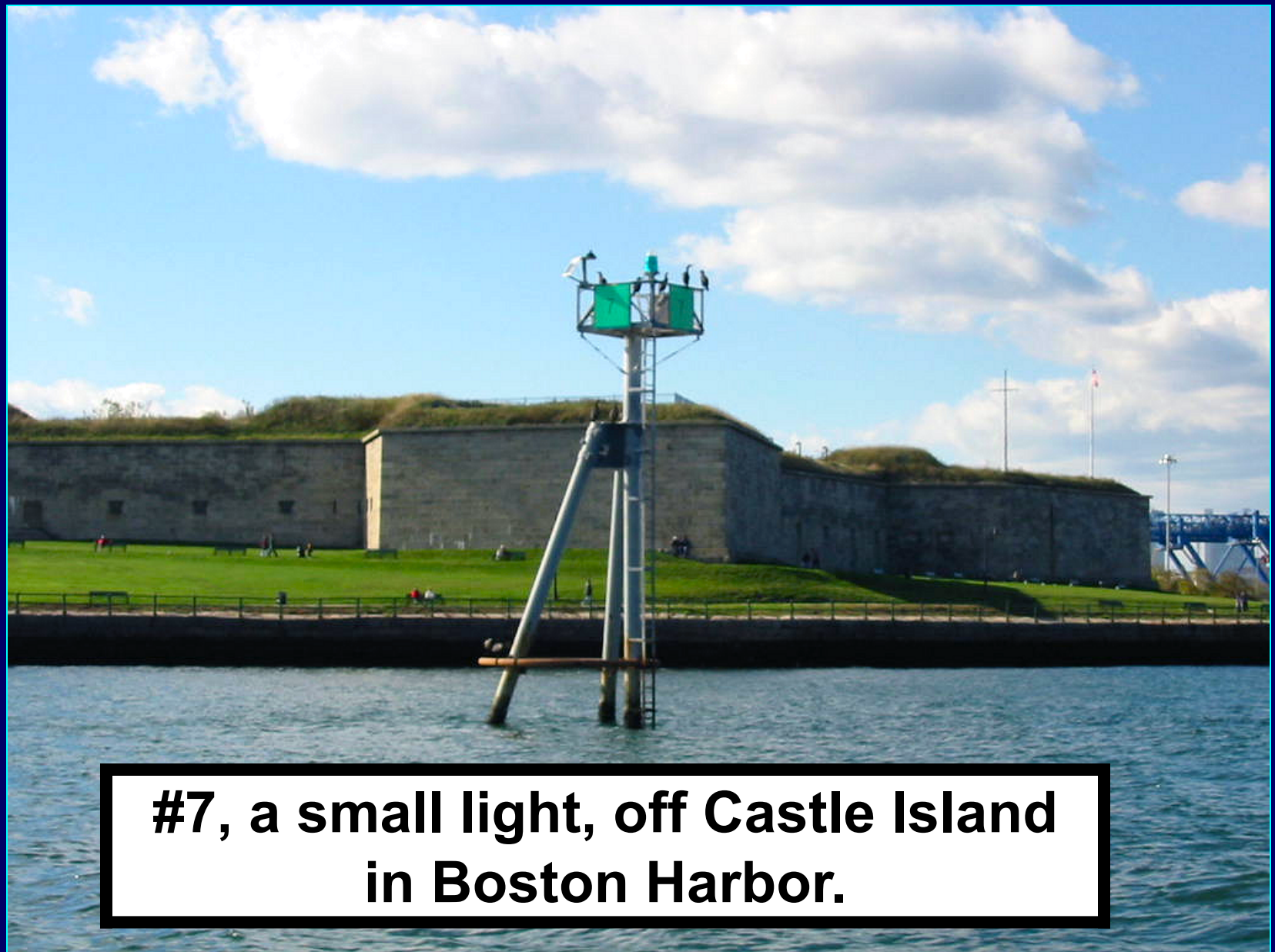
Three to seven piles driven at an angle with the bottoms spread and the tops secured with **wire rope** or bolts and shear connectors.



Dolphin

- **Cluster pile**
 - Three or more piles driven *vertically* with their surfaces in contact with each other and wrapped tightly at various heights.





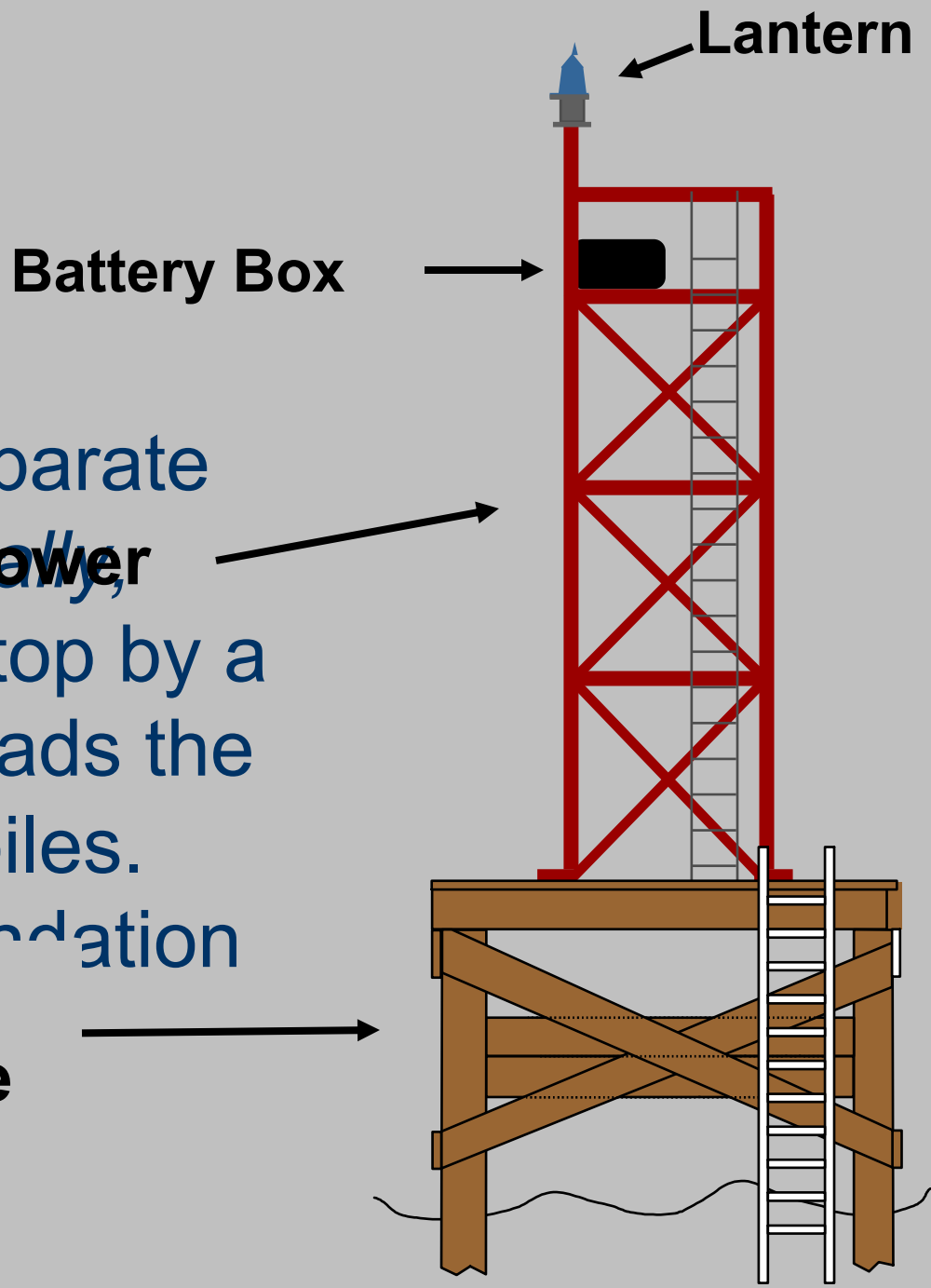
**#7, a small light, off Castle Island
in Boston Harbor.**

Platform Structure

Things to check on this aid.

more separate
en *vertically*,
Tower
d at the top by a
hat spreads the
all the piles.

for skel
Platform Structure

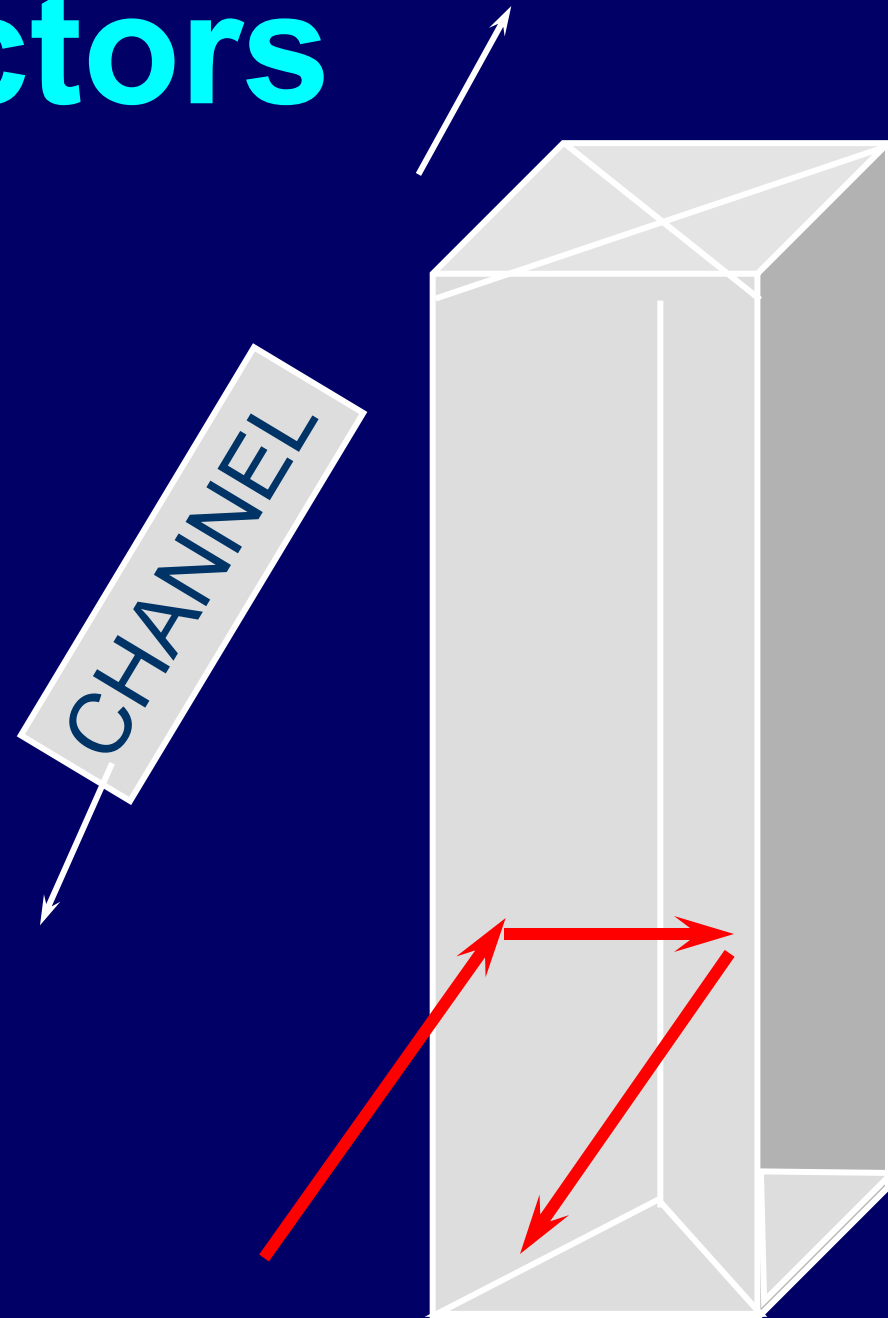


Battery Box

- Large box is designed to hold up to 4 secondary batteries.
- Small box is designed to hold up to 2 secondary batteries.
- Single battery boxes are available commercially and are acceptable as long as they are white in color.

Radar Reflectors

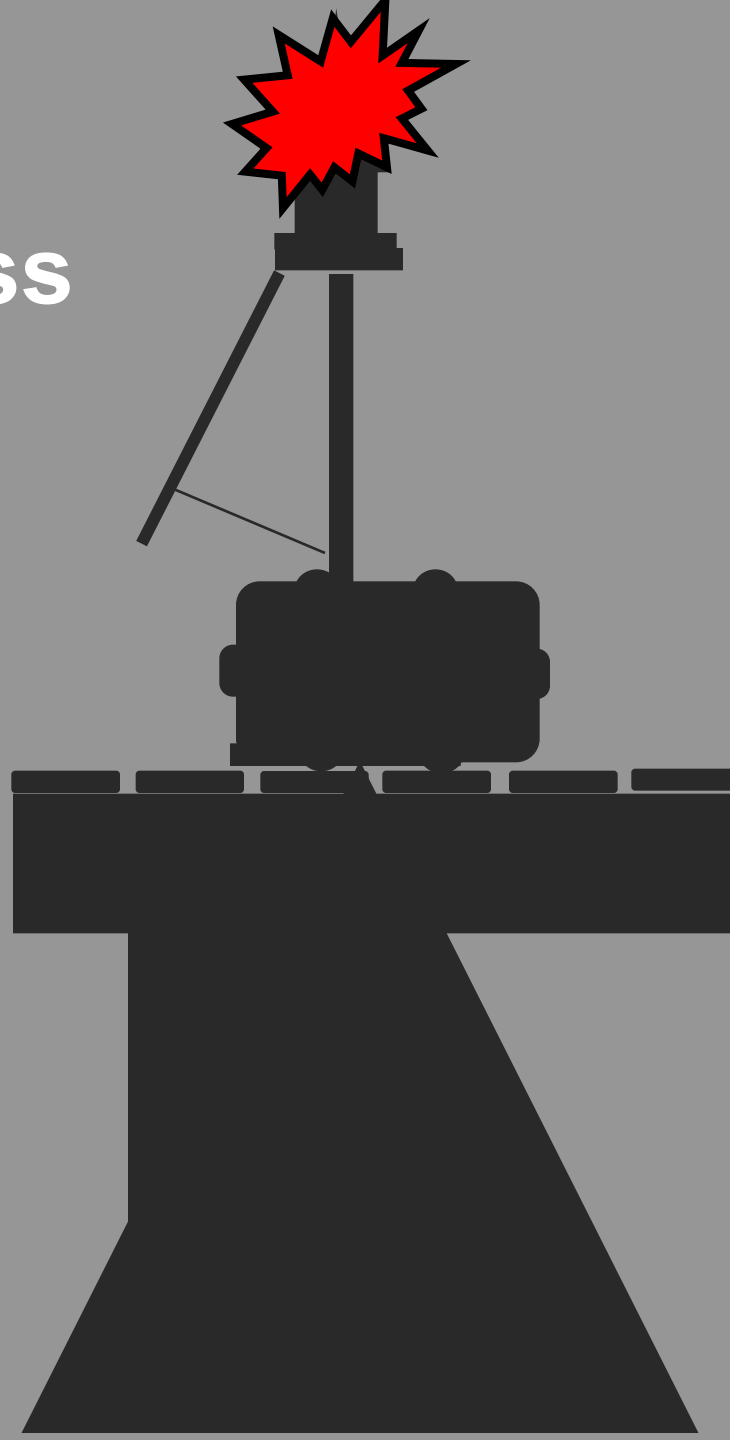
- Installed when the reflectivity of the structure doesn't meet operational requirements.
- A standard radar set should detect it at 1.5 to 2 NM when mounted 10 ft above the water.
- Must be properly oriented to the channel.



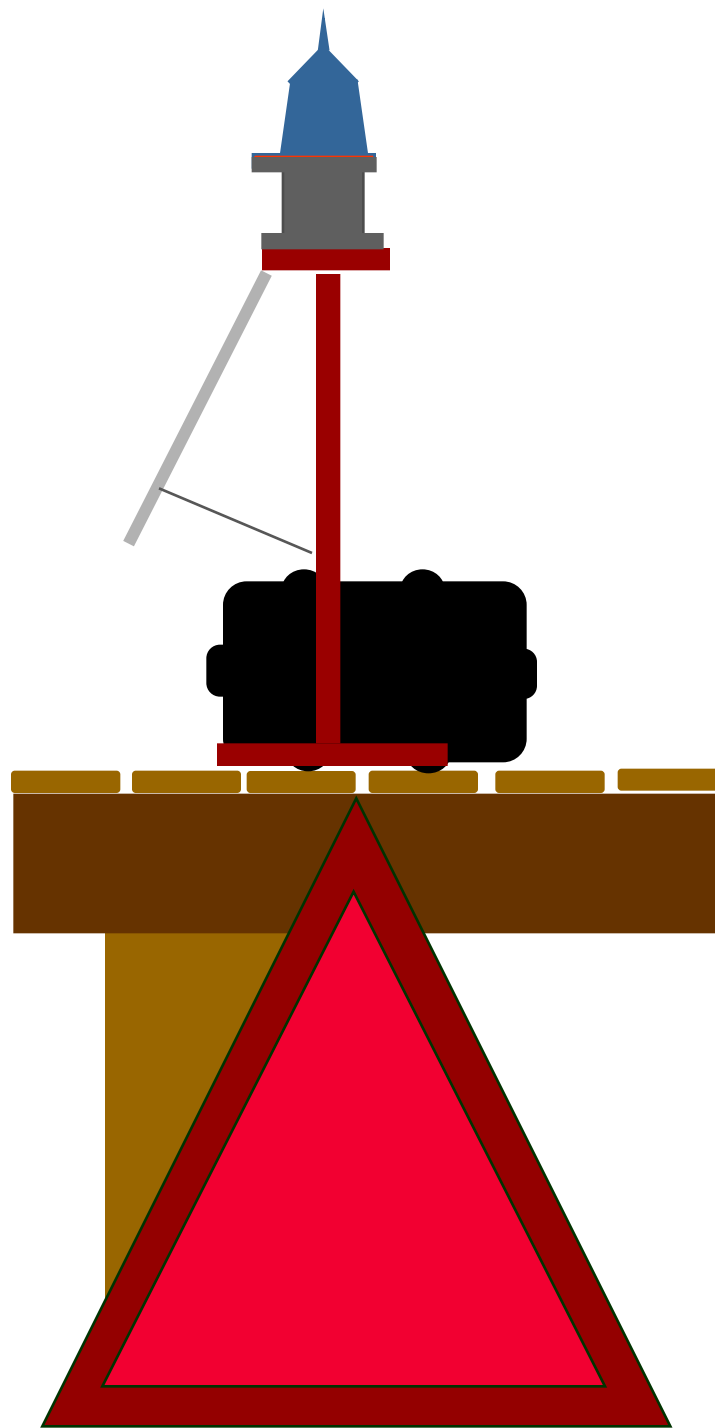
Dayboards

- A dayboard shall always be installed for maximum utility.
- The dayboard should be the dominant component of the silhouette with the battery box hidden behind it.

On what side
should you pass
this mark?



**It is a little
easier to
make the
decision in
the daylight!**



**Raising the
dayboard
makes it more
obvious.**



**What's
wrong
with this
daymark?**



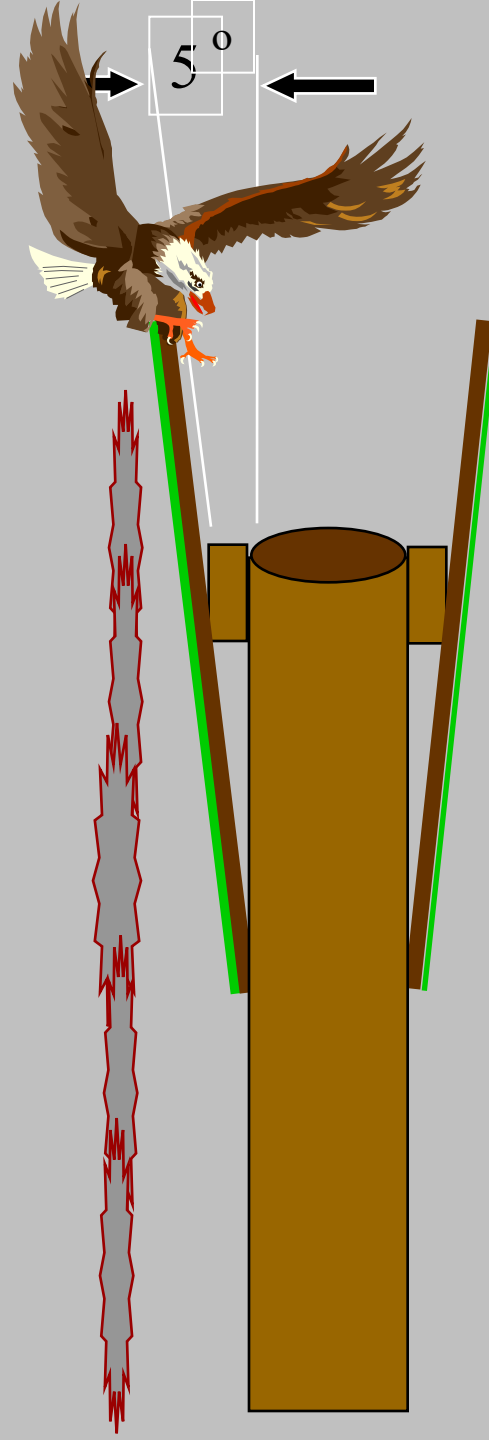
Mounting Dayboards

- Dayboards should be fastened so the dayboard becomes sacrificial in high winds.
- Dayboards shall be fastened to meet or exceed a lifetime of 5 years.
- The fasteners shall not pierce the retro-reflective border or characters.

Mounting

Dayboard may be installed approximately 5 degrees from vertical.

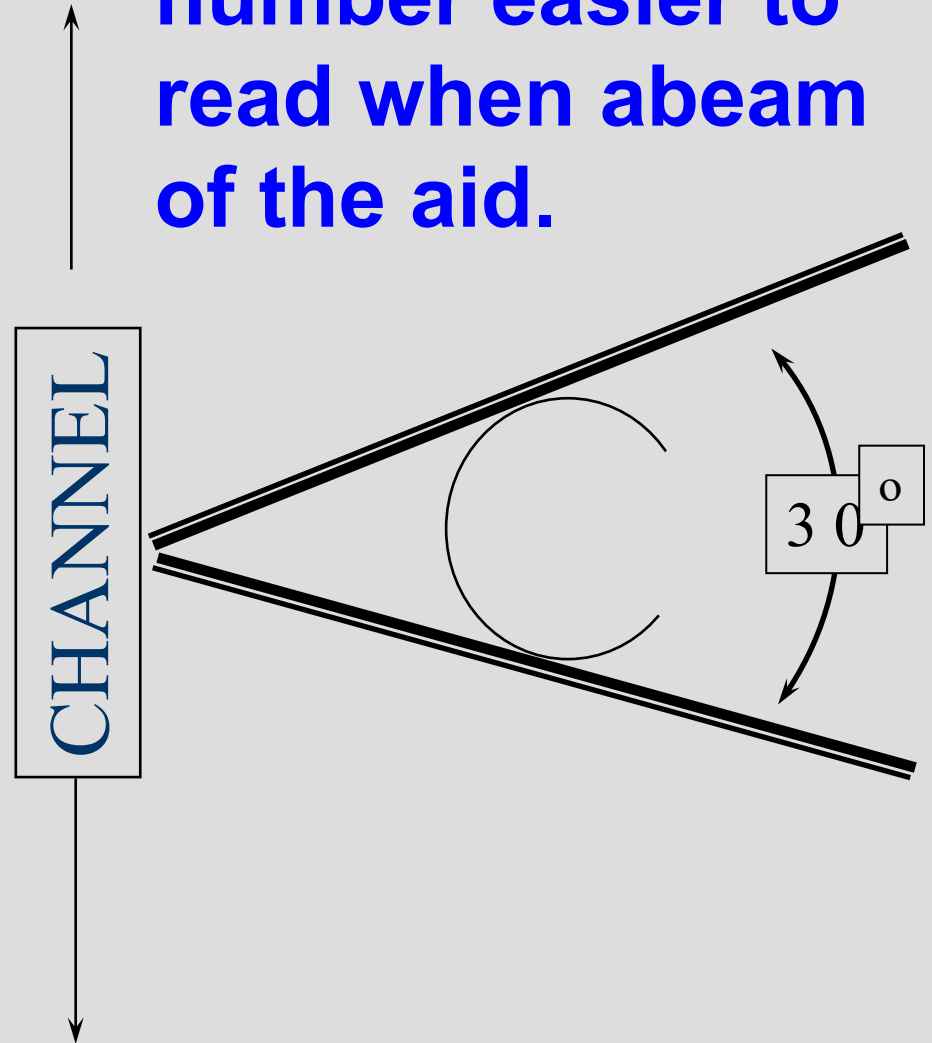
Do you know why?



Mounting

- Whenever possible, dayboards shall be mounted on an angle to the channel.
- The angle will vary to best suit the channel.
- In a straight channel, about 30 degrees.

This makes the number easier to read when abeam of the aid.

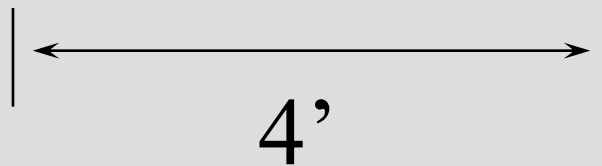
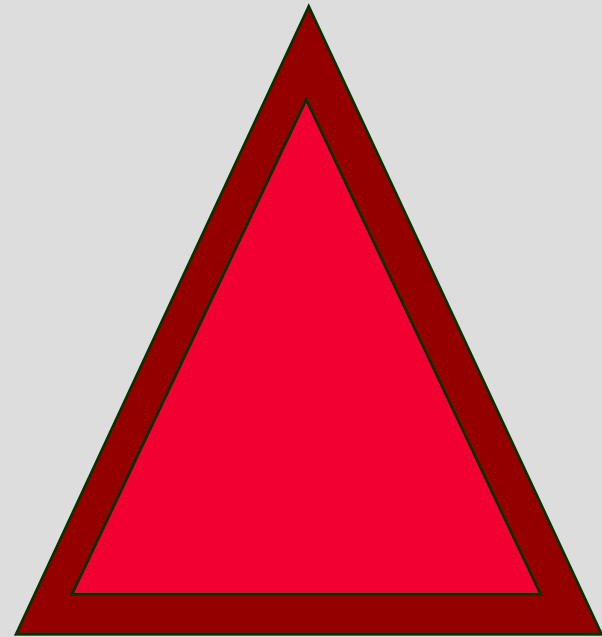
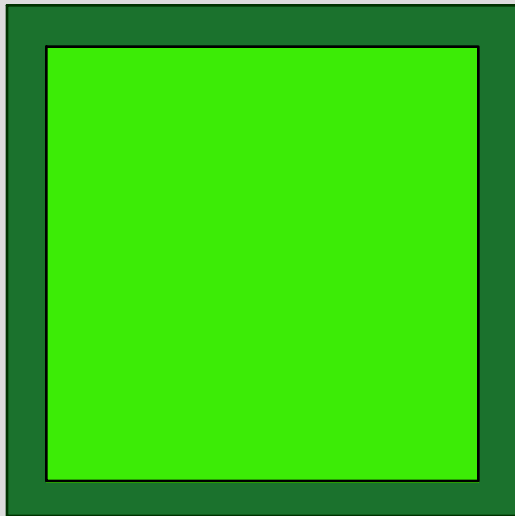


Dayboards

- **Dayboards differ in size and shape depending on the marking system and their specific function.**
- **Each dayboard has a designator composed of a number followed by a group of letters.**

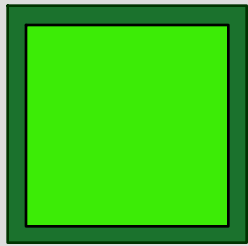
Dayboards

- The first number indicates the width of the dayboard in feet.

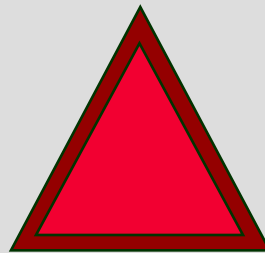


Dayboards

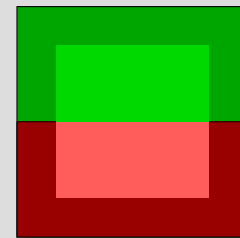
The next letter refers to the shape or purpose of the dayboard.



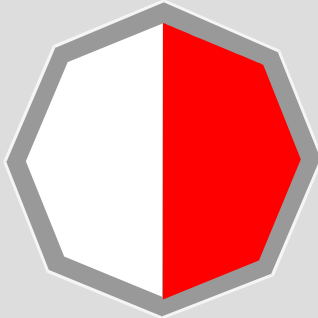
S-Square



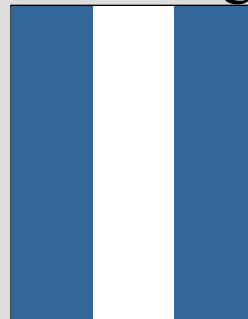
T-Triangle



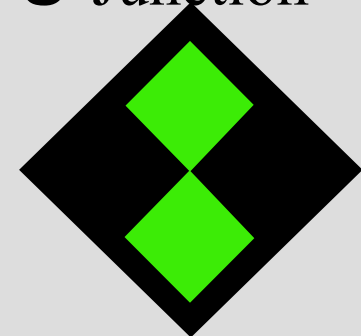
J-Junction



M-Mid-Channel



K-Range



N-No Lateral Significance

Dayboards

The second letter represents the key or background color.



R- Red



G- Green



W- White



B- Black

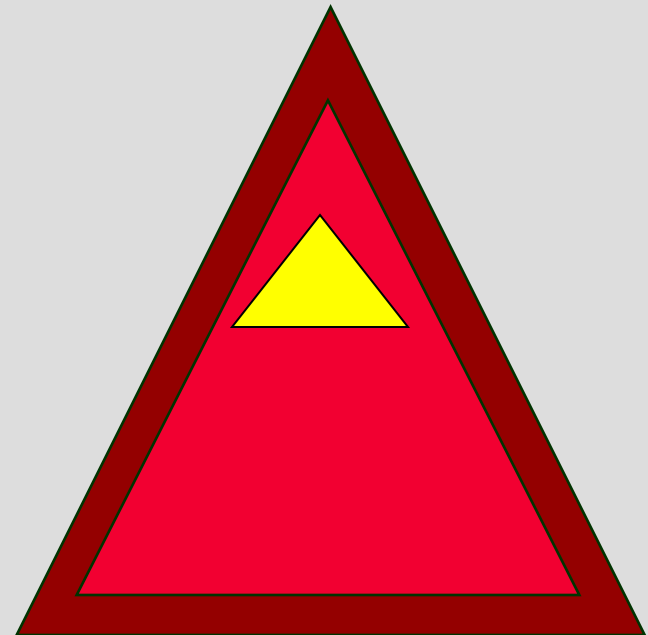
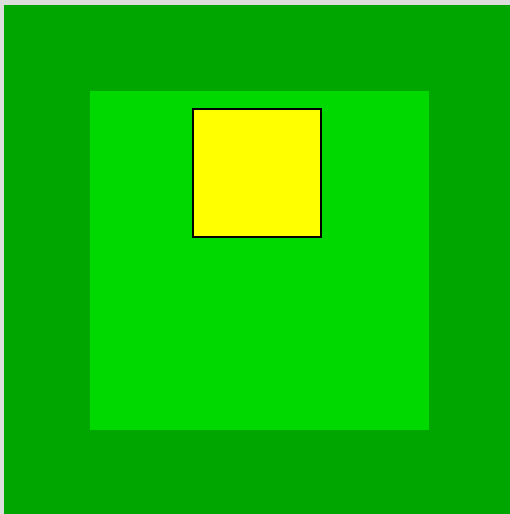
Dayboards

Additional information is shown by letters placed after a dash (-)
placed after a dash (-)

I - Intracoastal

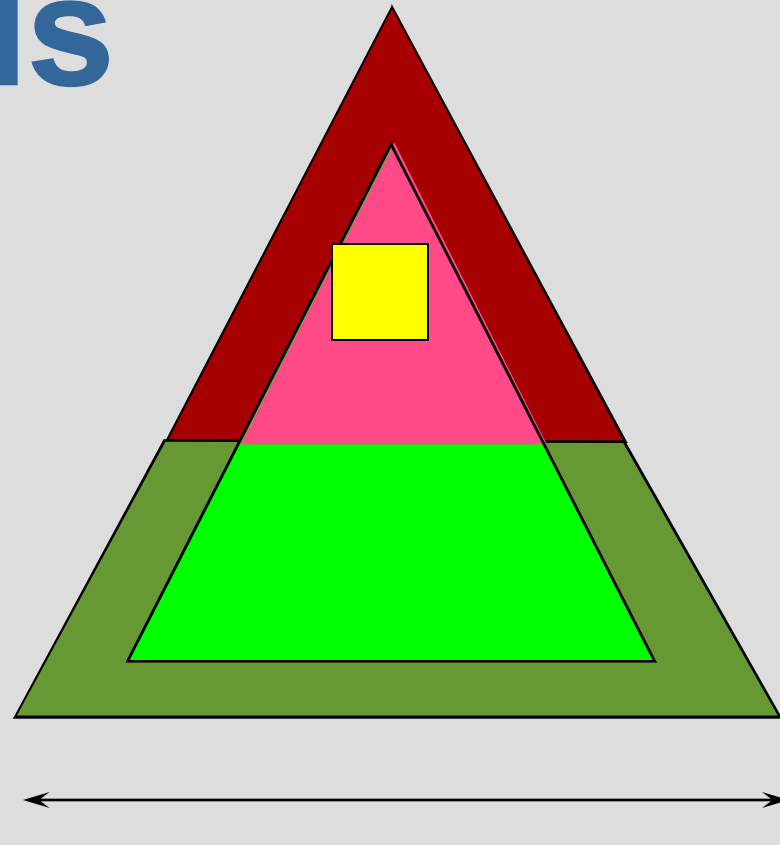
SY - yellow square

TY - yellow triangle



Dayboards

4JR-SY



(4) Aid has 4 foot base – (J) is used for channel junction – (R) functions as a nun in main channel – (SY) is used as a “Dual Purpose” aid (can) on the ICW.

Detection Range

- As a mariner approaches a dayboard from a distance it is first detected as an object apart from its surroundings.

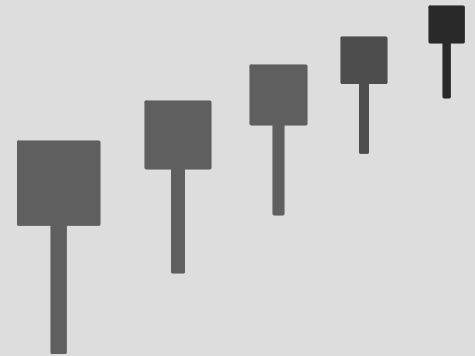


This is the detection range

Recognition Range

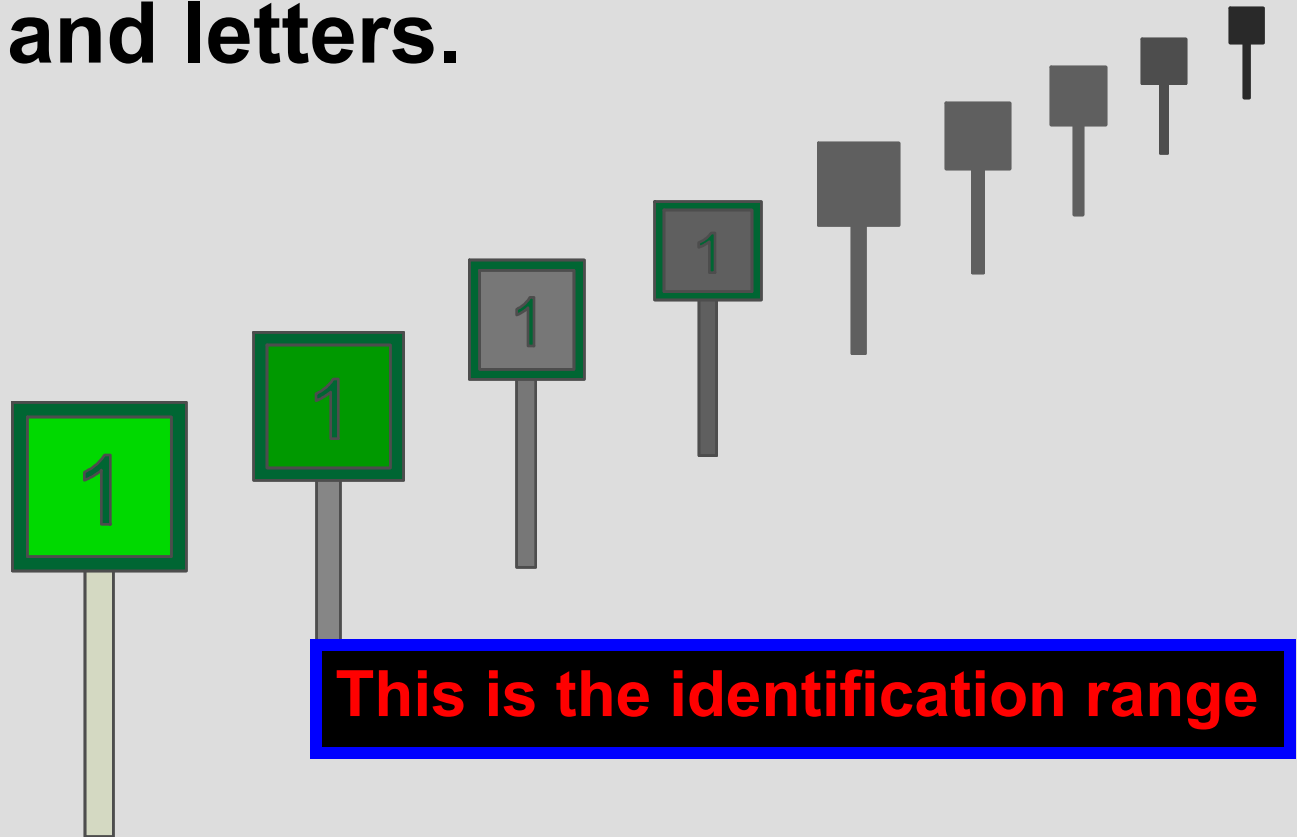
- Upon coming closer to the dayboard, it can be recognized as an aid to navigation.

This is the recognition range



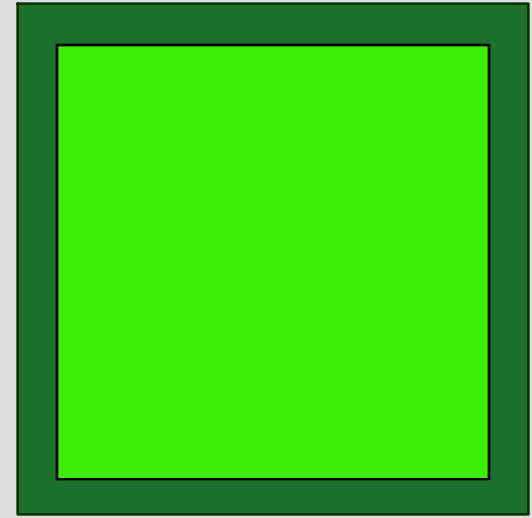
Identification Range

Finally the aid can be identified when the mariner is close enough to read the numbers and letters.



Nominal Range

- The nominal range rating is used to classify dayboards.



3SG and 4TR

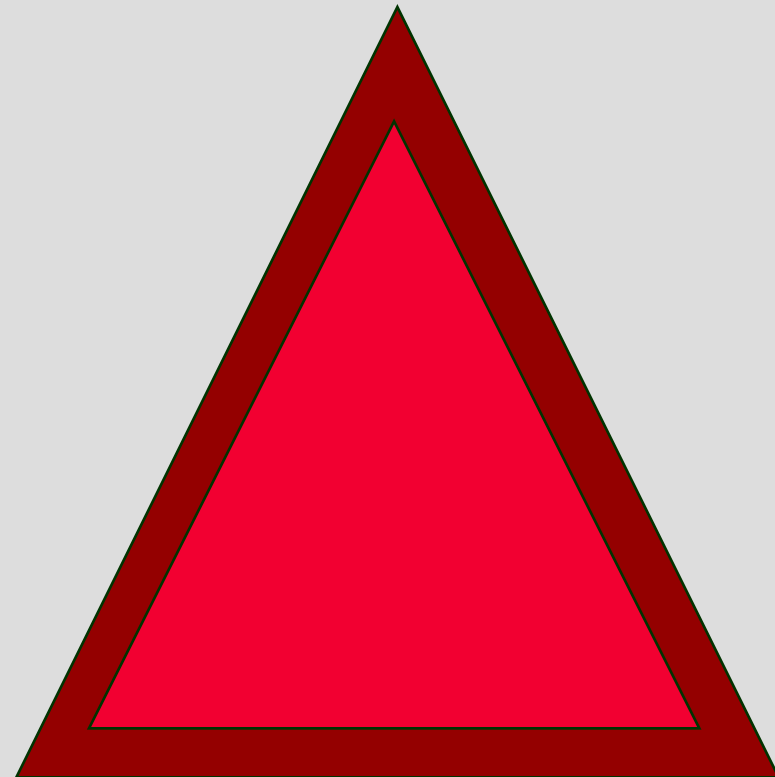
- nominal range 1NM

4SG and 6TR

- nominal range 2NM

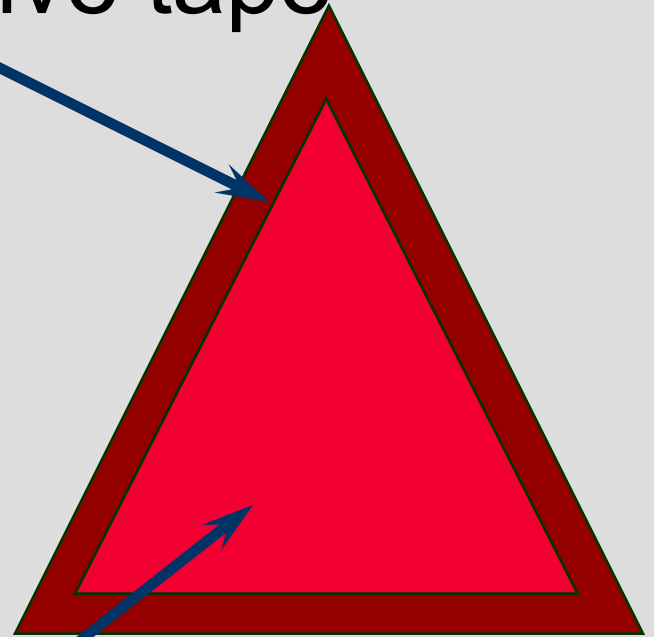
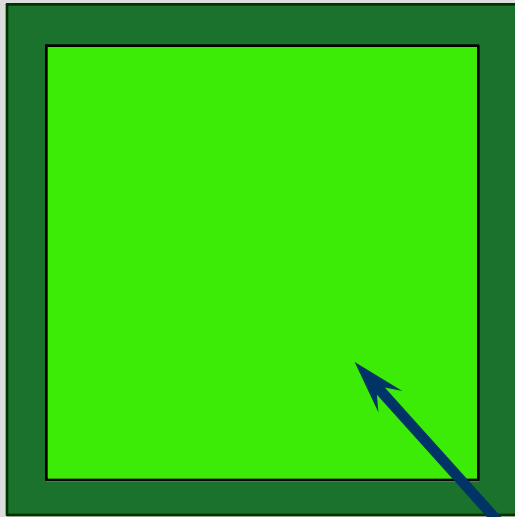
6SG and 8TR

- nominal range 3NM

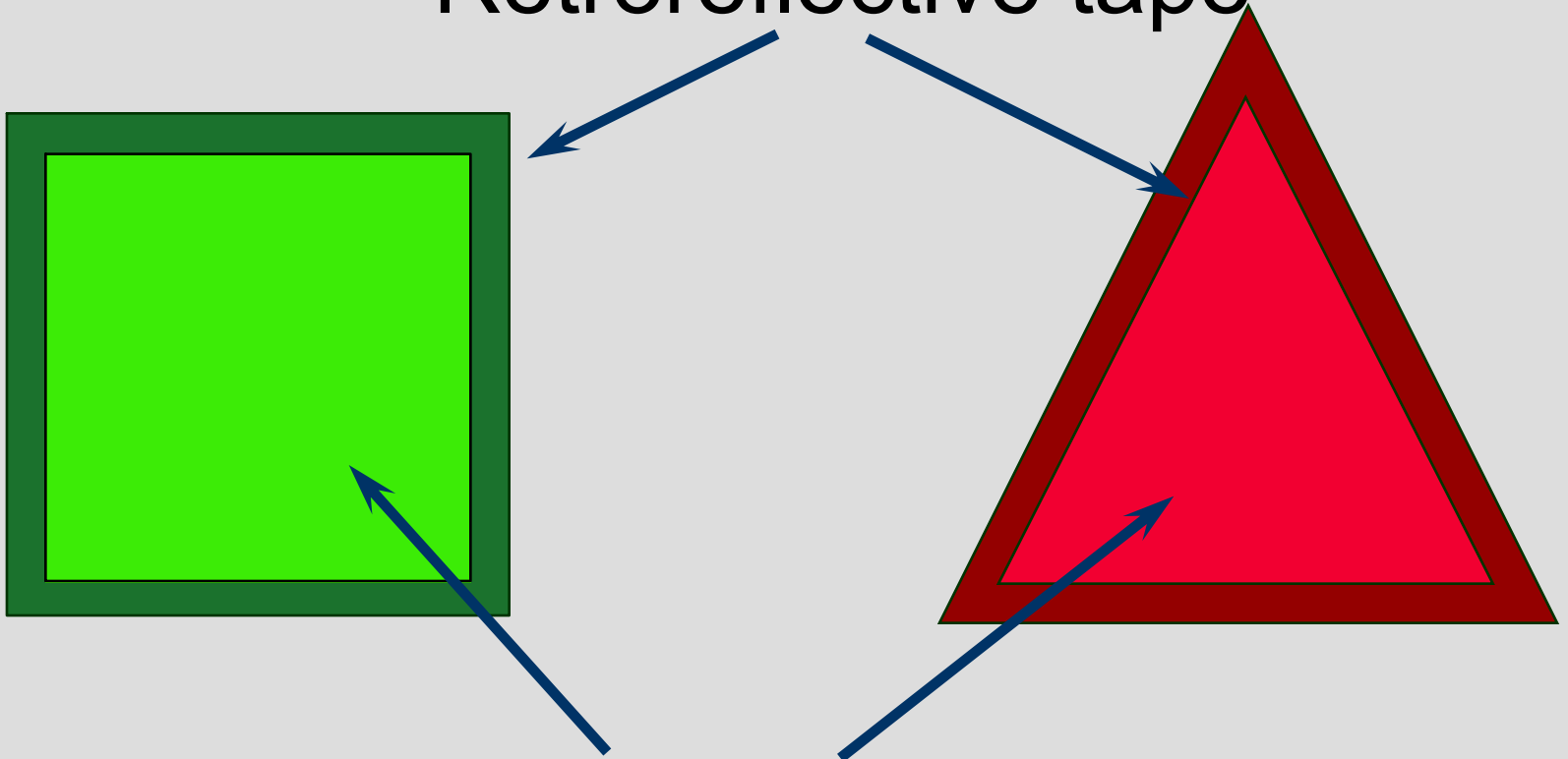


Films

Retroreflective tape



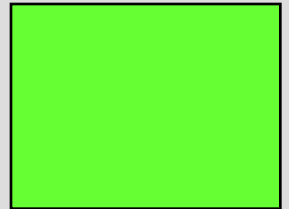
Vinyl Film



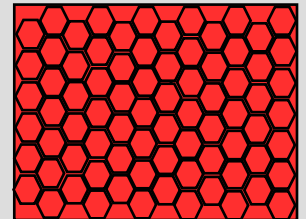
Retroreflective material

- Commonly called Retro.
Two manufacturers:

Reflexite has a smooth appearance



3M has a honeycomb appearance



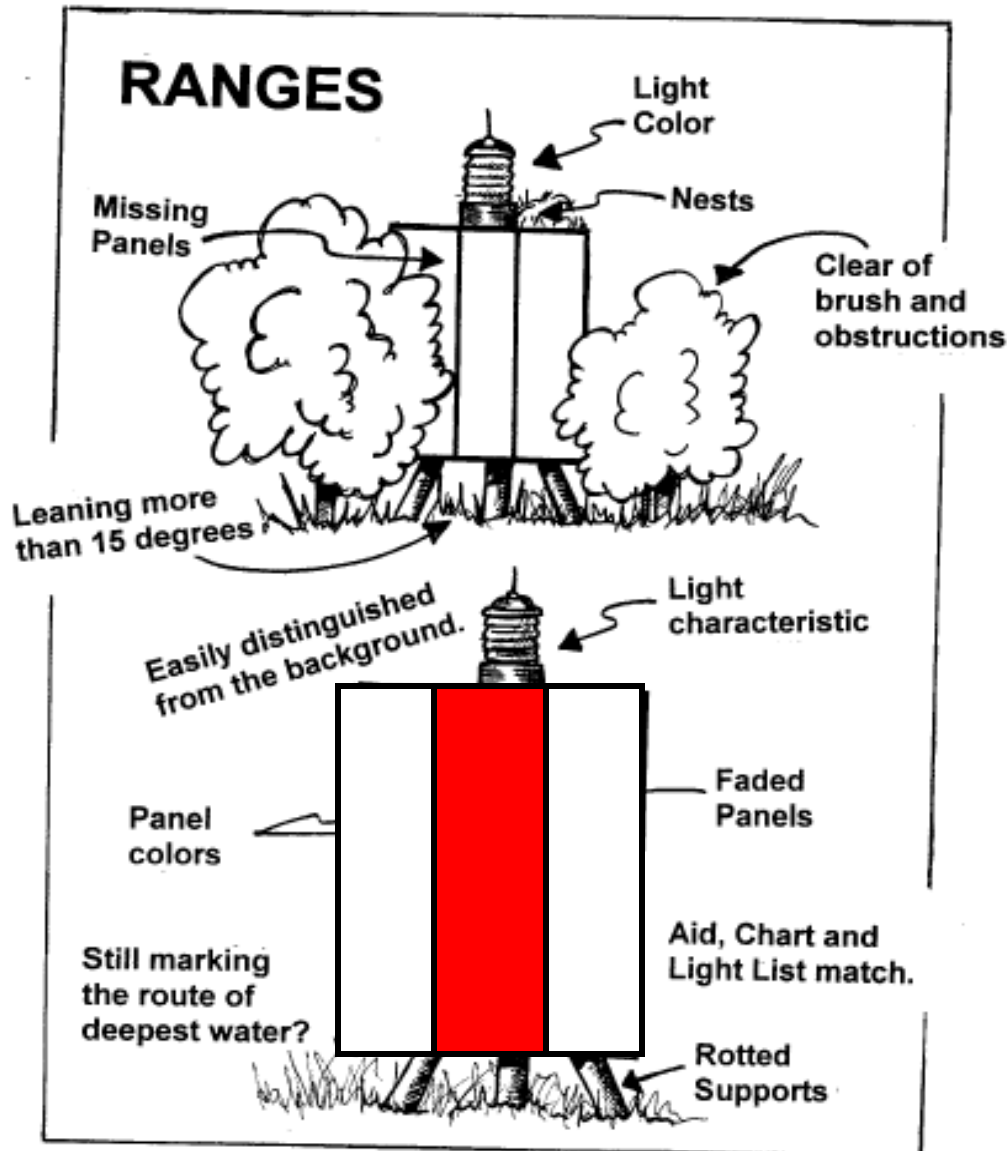
3M and **Reflexite** materials may be used together on the same aid.

Front Panel Symbol

KWR

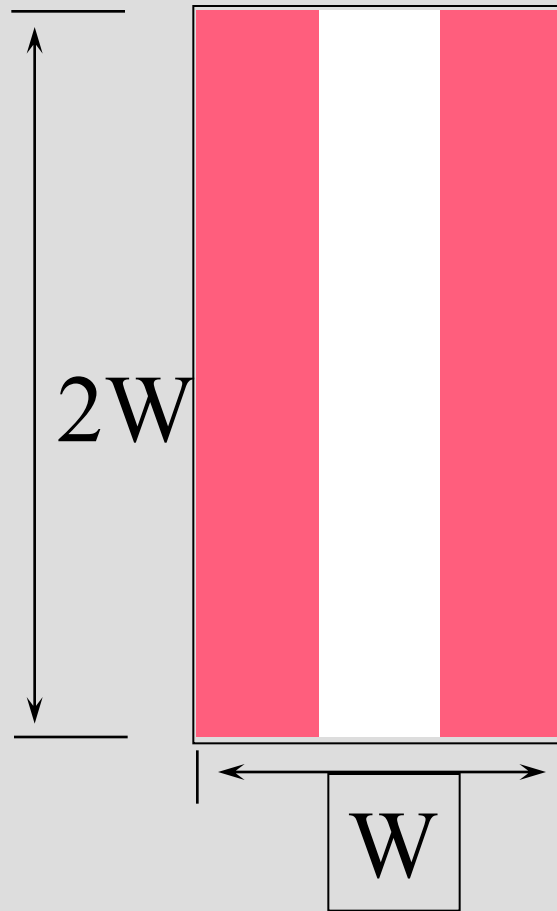
Main panel is white.

Center stripe is red.



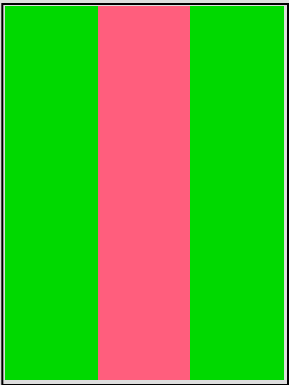
K - range dayboards

Range boards are always twice as tall as they are wide.

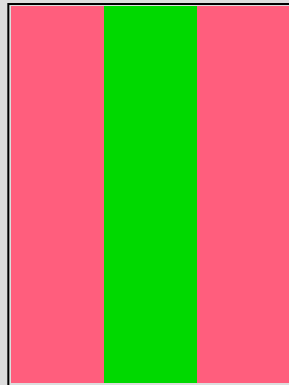


Dayboards

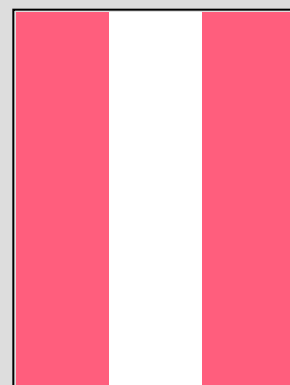
The third letter indicates the color of stripe
(range dayboards only).



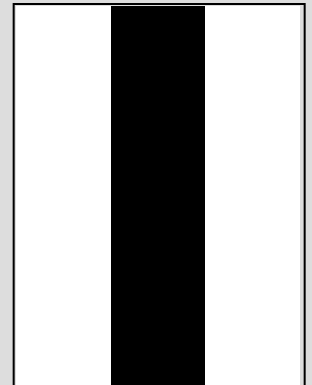
R- Fluorescent red



G- Fluorescent green



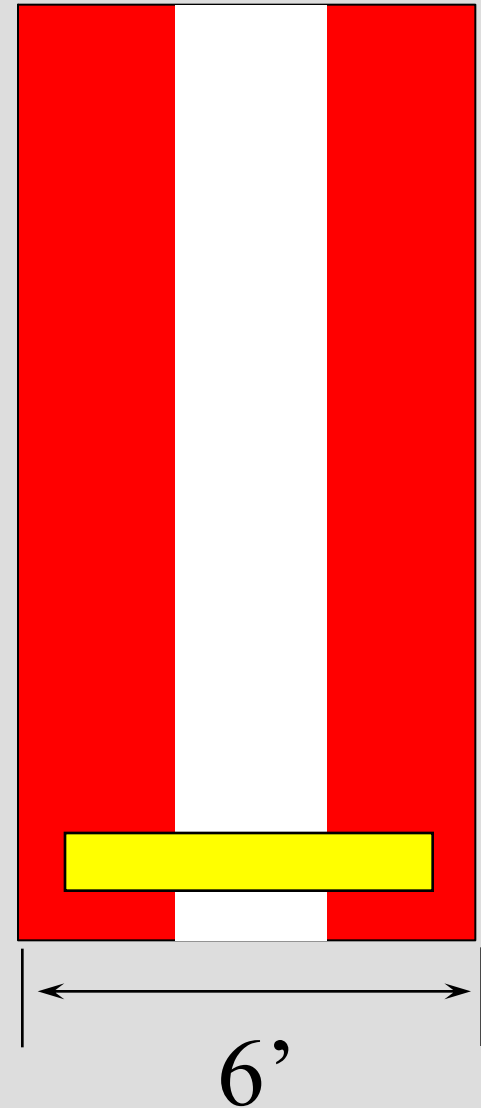
W- White



B- Black

Dayboards

6KR W -1



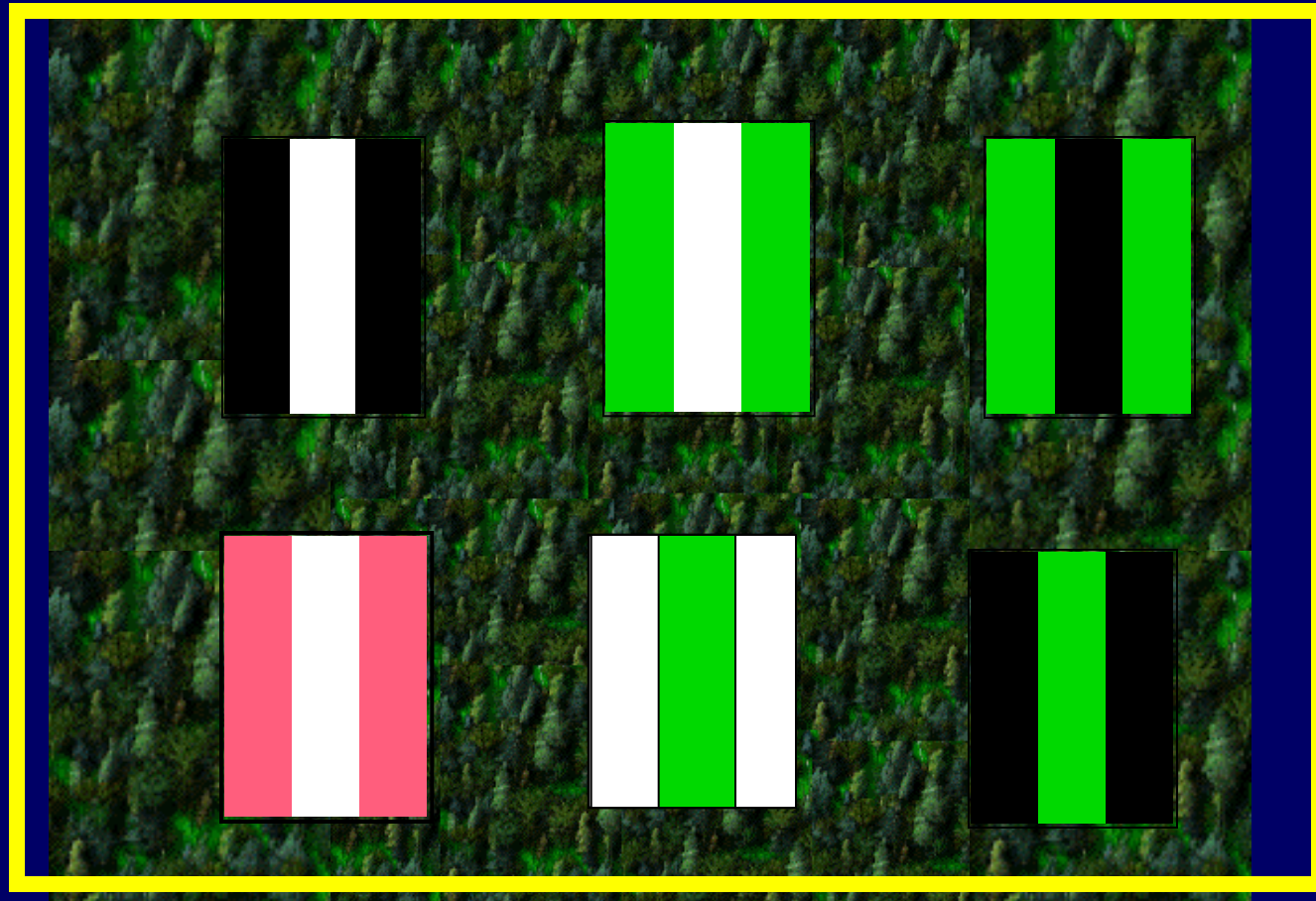
Operational Requirements

■ Contrast

Vegetation

Background

lights



Inspection and Maintenance

- **Dayboard surface and backing materials will deteriorate due to the effects of weathering by:**
 - wind,
 - rain,
 - freezing temperatures, and
 - sunlight.

Inspection and Maintenance

- Types of delamination are:
 - Cracking,
 - Peeling and
 - Fading.

Backing Material

- *Delamination* should not have progressed over more than 25 percent of the backing material.
- Material should not be sufficiently warped to visibly detract from the signal.
- Mounting points should not be *softened* or deteriorated to the degree that the board may come loose during a storm.

Films, Numbers, Letters, and Borders.

- *Delamination* of the film should not progress over **10%** of the surface area.
- Material should *not* be *cracked*, *checked* or *abraded* so as to provide a dull or roughened top surface.
- Attached material should *not* have *peeled* more than **10%** of the surface area.

Fading. . .

- There is no practical way to measure fading.
- Replacement is based on the judgment of servicing personnel.
- Aid must be able to display the intended signal until its next scheduled service date.

... more **FADING**



NEW



FADED



REPLACE

A Major Light

“Boston Light”



All light houses are now unmanned, except for Boston Light—the oldest, continuous operating lighthouse in America.

- **Check each lighthouse for proper operation.**
- **Refer to your chart or Light List for the proper characteristics.**

**DO YOU HAVE ANY
MORE
QUESTIONS
ABOUT ATON
DISCREPANCIES?**

HOW to make ***ROUTINE***
discrepancy reports to the
Coast Guard ANT.

“ANSC 7054 Aid to Navigation Form”

available on the

“National Forms Web Site”

ANSC 7054 Aid to Navigation Form

Has nine sections:

Section 1 – Observer's Identification Data.

Section 2 - Coast Guard Notification.

Section 3 – Aid Owner and Identification.

Section 4 – Horizontal and Vertical Locations.

Section 5 – *Aid to Navigation Characteristics.*

Section 6 – *Discrepancies Observed.*

Section 7 – *Non-Permitted Aids to Navigation Data.*

Section 9 – *Comments.*

Section 10 – *Report Distribution.*

DEPARTMENT OF
HOMELAND SECURITY
U.S. COAST GUARD
ANSC 7054 (6-08)

U.S.COAST GUARD AUXILIARY
AID TO NAVIGATION REPORT

SECTION 1 - MEMBER INFORMATION

MEMBER NUMBER		LAST NAME, FIRST NAME AND INITIAL	
DATE OBSERVED	OPCON	TELEPHONE NUMBER	E-MAIL ADDRESS

SECTION 2 - COAST GUARD NOTIFICATION USE ONLY WHEN YOU REPORT DIRECTLY BY PHONE, RADIO OR E-MAIL

COAST GUARD UNIT NOTIFIED	TIME REPORTED 1200	DATE REPORTED 23-Feb-08	COMMUNICATION METHOD USED FOR NOTIFICATION
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SECTION 3 - AID IDENTIFICATION

AID OWNERSHIP - check one: COAST GUARD STATE PRIVATE USACE

LLNR	OFFICIAL NAME OF AID BEING REPORTED (Reference the Light List for details)	PATON NUMBER	MILE MARKER
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SECTION 4 - HORIZONTAL AND VERTICAL LOCATIONS FOLLOW THE GUIDELINES IN THE FEDERAL SHORT RANGE AID TO NAVIGATION HANDBOOK

LATITUDE [DD-MM-SS.SS N]	LONGITUDE [DDD-MM-SS.SS W]	GPS DATUM	METHOD USED TO TAKE FIX	QC CHECK
OFFICIAL NAME OF LOCATION		GPS MANUFACTURER AND MODEL NUMBER	GPS OPERATIONAL STATUS	
METHOD USED FOR DEPTH	MANUFACTURER AND MODEL NUMBER	OBSERVED DEPTH 0.0 FT	CORR. FOR TRANSDUCER	HEIGHT OF TIDE GAUGE 0 FT

SECTION 5 - AID TO NAVIGATION CHARACTERISTICS CHECK OFF EACH CHARACTERISTIC THAT DESCRIBES THE AID.

TYPE OF AID <input type="checkbox"/> Floating Buoy <input type="checkbox"/> Fixed Structure <input type="checkbox"/> Lighted <input type="checkbox"/> Sound capability <input type="checkbox"/> Electronic device
TYPE OF BUOY <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Foam <input type="checkbox"/> Plastic <input type="checkbox"/> Other, explain
STRUCTURE MAKEUP <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Single Pile <input type="checkbox"/> Dolphin <input type="checkbox"/> Tower
COLOR OF LIGHT <input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> White <input type="checkbox"/> Yellow <input type="checkbox"/> Other, explain
SOUNDING DEVICE <input type="checkbox"/> Bell <input type="checkbox"/> Gong <input type="checkbox"/> Horn <input type="checkbox"/> Whistle <input type="checkbox"/> Other, see Comments
ELECTRONIC DEVICE <input type="checkbox"/> RACON <input type="checkbox"/> Fog Detector <input type="checkbox"/> Wind Generator <input type="checkbox"/> Electrical Transformer Station <input type="checkbox"/> Meteorological

SECTION 6 - DISCREPANCIES OBSERVED ON AID TO NAVIGATION CHECK OFF EACH DISCREPANCY THAT YOU OBSERVE

CRITICAL DISCREPANCIES Communicate to CG ANT by fastest means.	URGENT DISCREPANCIES Communicate to CG ANT by phone or E-mail.	ROUTINE DISCREPANCIES Report by E-mail or CG ANT.
1 <input type="checkbox"/> Shrouded or covered with ice.	1 <input type="checkbox"/> Light burning dim or showing reduced intensity.	1 <input type="checkbox"/> Aid is obscured.
2 <input type="checkbox"/> Improper light characteristics	2 <input type="checkbox"/> Light is partially obscured by dayboards.	2 <input type="checkbox"/> Dayboard is missing or damaged.
3 <input type="checkbox"/> Light obscured.	3 <input type="checkbox"/> Dayboard(s) is missing. (Photo)	3 <input type="checkbox"/> Extensive damage to dayboard.
4 <input type="checkbox"/> Light is extinguished.	4 <input type="checkbox"/> Dayboard(s) is damaged. (Photo)	4 <input type="checkbox"/> Aid is damaged.

D1NR 7054 Aid to Navigation Form

AUXILIARY ID NUMBER

LAST NAME, FIRST NAME and Initials.

D1NR 7054 - Aid to Navigation Form

Section 2 - Coast Guard Notification

Only use for **Critical** or **Urgent** discrepancy reporting when you have already communicated with a C.G ANT or other C.G. agency.

ANSC 7054 - Aid to Navigation Form

Section 3 – Aid Ownership and Identification.

Select the type of owner:

COAST GUARD

STATE

PRIVATE - PATON

USACE – US Army Corps of Engineers

NOAA

NS-AN04 - Aid to Navigation Form

Section 4 – Horizontal and Vertical Locations.

LATITUDE [DD-MM-SS.SS N]	LONGITUDE [DDD-MM-SS.SS W]	GPS DATUM	METHOD USED TO TAKE FIX
23-34-56.80 N	071-03-45.80 W	WGS84	GPS WITH WAAS

LATITUDE – (Formatted as DD-MM-SS.SS N)

LONGITUDE – (Formatted as DDD-MM-SS.SS W)

GPS DATUM – (Entry loaded in your GPS Set)

METHOD USED TO TAKE FIX – Select:

GPS, DGPS, GPS with WAAS, or OTHER, see Comments.

QC CHECK	QC READING	U/M	TIME WHEN TAKEN
EPE	12.3	FT	1245

QC CHECK, select:

HDOP (Horizontal Dilution of Position)

EPE (Estimated Position Error)

QC READING - (from your GPS)

TIME WHEN TAKEN – (Formatted as HHMM)

ANSC 7054 - Aid to Navigation Form

Section 4 – Horizontal and Vertical Locations.

OFFICIAL NAME OF LOCATION DORCHESTER BAY	GPS MANUFACTURER AND MODEL NUMBER GPS 76 GARMIN	GPS OPERATION 3D DIFF.
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OFFICIAL NAME OF LOCATION – where the aid is located.

GPS MANUFACTURER AND MODEL NUMBER.

GPS OPERATION (reflection of how many satellites that your GPS is reading when you take the fix. Need a minimum of 3D for appropriate accuracy.)

METHOD USED FOR DEPTH ECHO SOUNDER	MANUFACTURER AND MODEL NUMBER WIDE 100 HUMMINGBIRD	OBSERVED DEPTH 25.0 FT	CORR. FOR TRANSDUCER 0.8 FT
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METHOD USED FOR DEPTH, select:

ECHO SOUNDER, LEAD LINE, SOUNDING POLE,
DEPTH NOT TAKEN or OTHER, see Comments.

MANUFACTURER AND MODEL NUMBER (OF ECHO SOUNDER)

OBSERVED DEPTH (Reading from your echo sounder.)

CORRECTION FOR TRANSDUCER (Distance from your transponder to the waterline.)

ANSC 7054 - Aid to Navigation Form

Section 4 – Horizontal and Vertical Locations.

HEIGHT OF TIDE	CORR. DEPTH	TIME OF OBSERVATIO
1.5 FT	24.3 FT	1250

HEIGHT OF TIDE – take from the Almanac Screen on your GPS.

CORRECTED DEPTH – system calculated.

TIME OF OBSERVATION – when depth was taken, formatted as

CHT. DEPTH	U/M	DEPTH DIFFERENCE
23	FT	1.3 FT

CHARTED DEPTH – take from the NOS Chart.

DEPTH DIFFERENCE – system calculated.

Positive number indicates the water is deeper than charted.

Negative number indicates the water is less than charted.

ANSC 7054 - Aid to Navigation Form

Section 5 – Aid Characteristics.

TYPE OF AID

TYPE OF BUOY

STRUCTURE MAKEUP

COLOR OF LIGHT

SOUNDING DEVICE

ELECTRONIC DEVICE

TYPE OF AID	<input checked="" type="checkbox"/>	Floating Buoy	<input type="checkbox"/>	Fixed Structure	<input checked="" type="checkbox"/>	Lighted
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<input type="checkbox"/>	Sound capability	<input type="checkbox"/>	Electronic devices	<input type="checkbox"/>	Radar reflector
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FLOATING BUOY
FIXED STRUCTURE.
LIGHTED
SOUND CAPABILITY
ELECTRONIC DEVICES
RADAR REFLECTOR

TYPE OF BUOY	<input type="checkbox"/>	Wood	<input checked="" type="checkbox"/>	Metal	<input type="checkbox"/>	Foam
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<input type="checkbox"/>	Plastic	<input type="checkbox"/>	Other, explain
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WOOD
METAL
FOAM
PLASTIC
OTHER, explain in Comments.

ANSC 7054 - Aid to Navigation Form

Section 6 – Aid Discrepancies.

Reference the [AN10 – Aid Observation Worksheet](#) for menu details:


- **CRITICAL DISCREPANCIES**
- **URGENT DISCREPANCIES**
- **ROUTINE DISCREPANCIES**
- **DOCUMENT AND SPECIFICATION CHECKS.**

Discrepancy reports may be reflected in the LNM - Local Notice to Mariners

The Local Notice to Mariner is generated using the ATONIS Database

- Chart Corrections
- Discrepancies
- Light List Changes

U.S. Department of Transportation
United States Coast Guard



LOCAL NOTICE TO MARINERS
 COASTAL WATERS FROM EASTPORT, MAINE TO SHREWSBURY, NEW JERSEY
WEEKLY SUPPLEMENT

INTERNET ADDRESS
[HTTP://www.navcen.uscg.gov](http://www.navcen.uscg.gov)

Weekly supplemental editions contain new information only available following the monthly edition. NOTE: Chart corrections and Light List changes appear only once each. A complete listing of current discrepancies and temporary changes appear in the monthly issue, LNM#002. Subscription to this weekly publication is free. If you have questions about the LNM or wish to be on the mailing list, contact:

COMMANDER, FIRST COAST GUARD DISTRICT (0001)
 408 Atlantic Avenue, Boston, Massachusetts 02116-3350
 Telephone (Days): 1-800-848-3942; Telex: LNM-Fst, 8351 or 8222
 24 Hour FAX: (617) 223-8073
 Coast Guard's Customer Infoline (8:00 a.m. - 4:00 p.m.): 1-800-368-5647
 Hearing impaired (TDD): 1-800-585-0816

All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.
 NOTE: A vertical line in the RIGHT MARGIN of sections I, V, VI, VII indicates new information.

BROADCAST NOTICE TO MARINERS

The following Broadcast Notice to Mariners (BNMs) have been issued since last week:

First District	CGI-0461	to	0470
Group Boston	BOS-0092	to	0093
Group Long Island Sound	LIS-0167	to	0168
Group Monrovia	MOR-0040	to	0041
Group New York	NEW-0186	to	0193
Group Portland	POR-0077	to	0077
Group Southwest Harbor	SWH-0042	to	0042
Group Woods Hole	WHG-0130	to	0130

Light List Reference: ATLANTIC COAST, VOLUME I, COMDT PUBL P16502.1, 2002 Edition

I SPECIAL NOTICES This section contains information of Special concern to the Mariner.

NONE THIS WEEK

II DISCREPANCIES This section lists all discrepancies to Aids to Navigation reported and corrected since the last published list. A discrepancy is a change in the status of an aid to navigation that differs from what is published and/or charted.

DISCREPANCIES (since last week)

LNMR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
2350	Weaver Ledge Buoy 1	OFF STA	13318	SWH-0042-02	4402
10820	President Roads Anchorage Lighted By B	BUOYDMGD	13272	BOS-0093-02	4402
12580	Duxbury Pier Light	FS INOP	13253	BOS-0092-02	4402
19715	Southeast Pier Buoy 1	OFF STA	13217	WPE-0013-02	4402
19795	Watch Hill Light	FS INOP	13214	CGI-0463-02	4402
22055	Scotch Cap Light 11	LT EXT	13213	LIS-0167-02	4402
35135	Sandy Hook Ch R Fl Lt (East and Main)	DBN IMCH	12401	NEW-0193-02	4402

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What is meant by the term “checking” of a Federal aid?

- ✓ You completed a full pre-underway check of your measuring devices per the guidelines and determined that they are working accurately and that all of the necessary tools are available.
- ✓ On-scene, you took a fix alongside the aid in the channel per the guidelines and recorded the data on a worksheet, including the GPS Quality evidence.
- ✓ On-scene, you checked the depth of water per the guidelines and recorded the data on a worksheet, including the Echo Sounder Quality evidence.
- ✓ You completed an ANSC7054 Aid to Navigation Report to notify the Coast Guard of any discrepancy.

DO NOT REPORT Federal aids observed as “Watching Properly” to the Coast Guard, unless specifically requested to do so.

ALWAYS REPORT all Federal Aids to Navigation activity as a *Mission 30* to AUXDATA on an *ANSC 7030 Activity Report – Mission Individual* form.

***Any more
questions about
reporting
discrepancies to
Aids to Navigation?***