

SECTION I - MEMBER INFORMATION

MEMBER NUMBER		LAST NAME, FIRST NAME AND INITIAL		AV QUAL	UNIT (DIST-DIV-FLOT)
REPORT DATE	OPCON	TELEPHONE NUMBER	EMAIL ADDRESS		
DATE OBSERVED	TIME OBSERVED	NAME OF CG CONTACT			

SECTION II - COAST GUARD NOTIFICATION

FOR DISCREPANCIES

COAST GUARD UNIT NOTIFIED	DATE REPORTED	TIME REPORTED	METHOD OF REPORTING TO COAST GUARD
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SECTION III - AID IDENTIFICATION

AID OWNERSHIP <small>Select one:</small>		P/ATON'S NAME <small>(Name in the Light List or IATONIS)</small>			
LLNR	AID NUMBER	MILE MARKER	CHART NO/EDITION	ENC NAME	LNK DATE.

SECTION IV - OBSERVED HORIZONTAL AND VERTICLE DATA

LATITUDE	LONGITUDE	GPS DATUM	METHOD USED TO TAKE FIX	QC CHECK	QC READING	TIME TAKEN
					Ft	
		GPS MFG. AND MODEL NUMBER			CH. DEPTH	
					Ft	
METHOD USED FOR DEPTH	MFG. AND MODEL NUMBER	OBSERVED DEPTH	TRNSDCR CORR.	WATER LEVEL	CORR. DEPTH	TIME OF OBSERVATION
		Ft	Ft	Ft	Ft	

SECTION V - AID TO NAVIGATION CHARACTERISTICS

CHECK OFF EACH CHARACTERISTIC THAT DESCRIBES THE AID

TYPE OF AID	Buoy	Fixed Structure	Lighted	Sound Capability	Electronic Devices	Radar reflector
TYPE OF BUOY	Wood	Metal	Foam	Plastic	Other. explain in Comments	
STRUCTURE TYPE	Wood	Metal	Single Pile	Multiple Pile	Dolphin	Other explain
COLOR OF AID	Red	Green	White	Yellow	Other explain in Comments	
SOUNDING DEVICE	Bell	Gong	Horn	Whistle	Electronic	Other explain
ELECTRONIC DEVICE	RACON	Fog Detector	Wind Generator	Transformer Station	Meteorological Station	Wind Measuring Mast

SECTION VI - DISCREPANCIES OBSERVED ON AID TO NAVIGATION

LOCATION DISCREPANCIES	LIGHTING DISCREPANCIES	OTHER DISCREPANCIES
CONDITION DISCREPANCIES	DAYBOARD DISCREPANCIES	PILE / STRUCTURE CONDITION

DOCUMENTATION AND SPECIFICATION CHECKS

COMMENTS:

ATTACH SUPPORTING FILES HERE:

AIDSTO NAVIGATION REPORT ANSC-7054 (03-21)

To use this form, download the form to your computer and use Adobe Acrobat Reader (available for free online) to fill in the blanks. Click in a blank to reveal a “pull-down” list of choices. Hover over a blank to bring up helpful information. NOTE: using the Tab key on your computer to move between blanks may NOT reveal the pull-down lists. File size that can be emailed is limited by your provider, make sure you don’t exceed the limit by attaching large files.

A. GENERAL – This form is used to submit ONLY that information which refers to aids to navigation (ATON), such as buoys, lights, day beacons, ranges and electronic aids which are owned or operated by federal, state, private, or other agencies. A complete listing of reportable ATONs may be found in the United States Coast Guard Auxiliary National Short Range Aids to Navigation Training Guide. The 7054 report should contain as much information as possible, particularly in cases that involve discrepancies. Such detail will not only assist in prompt restoration but may serve as defense in cases of liability. A chart section should be submitted with all unauthorized aid reports.

Full usefulness for the Coast Guard, and credit towards awards where available, occurs only when your hours and numbers of ATONs are reported with a) the ANSC 7054, and b) to the AUXDATA II system. Submit ANSC 7054 to your Aid to Navigation chain of communication. Submit Individual mission code 30 or 31 (as applicable) either by direct entry into AUXDATA II or by submitting a 7030 form to your IS officer. The Coast Guard makes use of reports from AUXDATA-II.

TOP (Right Boxes) - Check the correct box on the right for the activity being reported (Verification or Discrepancy). You may report only one discrepancy on each 7054 submission. You may report more than one verification on each 7054 submission. For verifications (where there are NO discrepancies) put the total number of verifications being reported on the 7054 in the box to the right and list the information for each verified aid in the comments section at the bottom. Check if the report is Critical, Urgent or Routine.

Critical for those federal aids that are missing or off station

Urgent for those federal aids on station but have been physically damaged, vandalized, sinking or in a condition that prevents them from watching properly.

Routine could be used for those federal aids watching properly but in need of maintenance, examples would be missing or obscured numbers, unrecognizable due to fouling or dim lights.

B. SECTION I – MEMBER INFORMATION

MEMBER NUMBER and NAME, enter 7-digit member number; last name, first name and initial.

AV QUAL, use pull-down box to identify your AV qualification. Qualification must be current.

UNIT, enter your district, division and flotilla numbers.

REPORT DATE, enter the date this hard copy report is being generated.

OPCON, use pull-down for the OPCON (Operational Controlling unit) you are working for (in some cases, agency). Report at the lowest level available. If lower level is not listed, enter in comments section.

TELEPHONE and EMAIL, enter the telephone number at which you can be reached and your email address.

DATE OBSERVED and TIME OBSERVED, indicate the date and time (use 24-hour clock format, local time) of the observation. A calendar is available as a pull-down for the DATE OBSERVED. The DATE OBSERVED should be before or same date as the REPORT DATE.

NAME OF CG CONTACT, if this is a CRITICAL or URGENT report, provide the name of the CG person you spoke with or who otherwise received the report. No entry is necessary for ROUTINE reports.

C. SECTION II – COAST GUARD NOTIFICATION

COAST GUARD UNIT NOTIFIED, use pull-down to identify the CG unit or agency you notified. If unit is not listed in the pull-down, use the COMMENTS section to report that information.

DATE REPORTED and TIME REPORTED, indicate the date and time (use 24-hour clock format, local time) you made the CRITICAL or URGENT report to the CG. A calendar is available as a pull-down for the DATE REPORTED.

For ROUTINE reports use the date and time the report is sent to the Coast Guard.

Method of reporting to the Coast Guard as defined, below – see note in comments for identification of contacts:

1. **Radio** for CRITICAL discrepancies (or telephone, if you are on land when a CRITICAL discrepancy is found)
2. **Telephone** for URGENT reports
3. **Email** (or US Mail) for ROUTINE reports

D. SECTION III – AID IDENTIFICATION

Use pull-down for AID OWNERSHIP, who is responsible for the aid? If you had contact with someone on site and/or in the reporting of a discrepancy, enter in the COMMENTS section the name and contact number of any person you contacted along with the date and time.

P/ATON NAME, as found in the Light List or other official list. Include the waterway name. This box accepts the entire location, name, and characteristic of the aid. Use the right and left arrow keys as needed to see the entire entry.

LLNR, Light List number.

AID NUMBER, as assigned in IATONIS, if using PATON listings provided by CG Unit

MILE MARKER, for Western Rivers' use, leave blank if not used.

CHART NO/EDITION, enter NOAA Chart number and edition number. (format: 12270/24)

ENC, enter the NOAA Electronic Navigational Chart used. Free updates for NOAA ENC's are available weekly at <https://www.nauticalcharts.noaa.gov/charts/noaa-enc.html> .

LNM enter the date of the latest Local Notice to Mariners applied to the chart used. (Format: 02 MAR 2021)

E. SECTION IV – HORIZONTAL AND VERTICAL LOCATIONS

LATITUDE & LONGITUDE, enter the *OBSERVED* position of the aid found to be discrepant. You may enter a general position for those aids verified in an area and then provide specific information in COMMENTS.

GPS DATUM, use the pull-down to indicate the datum your GPS unit is set to.

METHOD USED TO TAKE FIX, use the pull-down to indicate GPS unit mode of operation used to determine the aid's geographic position.

QC CHECK, use the pull-down to indicate the quality control method used by the GPS unit to indicate relative accuracy of readings.

QC READING, indicate the relative accuracy given by the GPS unit for quality control. This may be an average of a series of readings.

TIME TAKEN, indicate the time (use 24-hour clock format, local time) the position reading was taken. May be the average of the beginning and ending time for a series of observations.

GPS MFG AND MODEL NUMBER, enter the manufacturer and model number of the GPS unit used to collect position data. If its use is allowed by your District and if an augmented cellphone GPS position was taken, include the GPS app name in the COMMENTS section.

CH DEPTH, enter the charted depth of water as shown on the NOAA chart.

METHOD USED FOR DEPTH, select from pull-down the primary equipment used to measure the depth.

MFG AND MODEL NUMBER, manufacturer and model of unit used to measure depth.

OBSERVED DEPTH, record the depth of water obtained from method used.

TRANSDUCER CORR, enter the correction for the distance from the transducer face to the waterline if applicable.

WATER LEVEL, or Height of Tide when the reading was taken. Use <https://tidesandcurrents.noaa.gov/> to help determine water level.

CORR. DEPTH, enter the depth as corrected for Height of Tide and transducer distance below the waterline. A helpful "Navigation Systems Calculator" may be found on the Prevention Directorate's Navigation Systems web page <http://wow.uscgaux.info/content.php?unit=P-DEPT&category=ns-forms-and-manuals> to compute the corrected depth value.

TIME OF OBSERVATION, enter the time the OBSERVED DEPTH reading was taken. Use 24-hour clock format and local time.

F. SECTION V – AID TO NAVIGATION CHARACTERISTICS

Check the appropriate boxes for a discrepant fixed or floating aid to navigation. If you are reporting an unauthorized aid, also enclose chart section indicating position and describe method used to determine position. Include (digital) picture if possible. Off Station Buoys require the following: Describe method utilized to determine aid was off station (i.e.: DGPS, WAAS/GPS or GPS). Describe in COMMENTS if position was determined using compass bearings, range finder, radar ranges or seaman's eye.

G. SECTION VI – ADISCREPANCIES OBSERVED ON AID TO NAVIGATION

Use pull-downs that apply in all boxes. If a private aid is UNAUTHORIZED, provide a chartlet, digital photo, and as much information as possible. Do NOT attempt to confront the possible aid owner. However you may hand them a Form CG 2554 and provide information on how to contact the local CG unit responsible for private aid permits.

COMMENTS

There are no limits to the number of VERIFICATIONS that may be listed on this report form but your local Coast Guard unit may set limits and should be consulted. ONLY ONE DISCREPANT ATON is to be listed per report form. Information such as possible ownership of unauthorized aids, or details of discrepancies and methods of searching for missing aids may also be listed here. Use additional COMMENT page provided. You can attach other documents to the 7054 PDF in Adobe Reader. With the 7054.pdf opened in Adobe Reader, click on the Comments tool in the right - hand column. You will notice up at the top of the screen a row of commenting tools. Look for the icon that looks like a paper clip with a + sign. If you click on that a row of commenting tools. Look for the icon that looks like a paper clip with a + sign. If you click on that icon, your pointer will change to a push pin pointer that can be moved to any desired location in the Comment field. Left mouse click and a box will open that will allow you to select a file from your directory. Select the appropriate file and select OPEN. A File Attachment Property box will open that you can use to name and identify the attachment. Hover your pointer over the icon to view the name of the file and right mouse click to select Open File. Most file formats are accepted.

AUXDATA-II recording of hours and numbers of aids reported

Only one Aid Verifier may claim their aid's verification or discrepancy. If more than one AV is on a mission, they should mutually agree to divide up the total number of aids for reporting to AUXDATA-II. Each AV can claim all the time they spent on the mission. If you have done this mission as part of an underway ATON patrol your underway time will be recorded by the coxswain, ideally as Boat mission code 03. You may claim all time you spent on document review and preparation (e.g., checking the Light List, NOAA charts, Coast Pilot, LNM; making a run sheet for the mission; etc.) and 7054 report completion as Individual mission code 30 (for Federal ATON as appropriate) or 31 (for private ATON) if doing direct AUXDATA-II entry, or on your Individual 7030 for submission to your IS officer. If you prepared for and/or reported on the mission on more than one day, only report the numbers of aids (watching properly or discrepant) once, on the day you observed them. All travel time to and from the boat for an underway patrol is reported as Individual mission code 99B for direct AUXDATA-II entry, or as 99B on your 7029 for submission to your IS officer. If the mission did not involve underway time (for example, you did the mission entirely by automobile), you should claim all travel time as Individual mission code 31. For inclusion on a 7030 Individual form to submit to your IS officer, enter your beginning and ending time on the 7030, mission code 31. See the mission code descriptions in AUXDATA-II and/or on the current 7030 form for more information.