

15. Remarks (continued)

INSTRUCTIONS

Note: Use this form for all fixed Aids to Navigation and form CG-3213B for all floating Aids to Navigation.

ITEM 1 – Must be the same as the applicable CG-3213

ITEMS 2 & 3 – Enter the aid name as it appears or will appear in the Light List and the Light List Number.

ITEM 4 – Enter the date submitted.

ITEM 5 – Enter the Aid Description consistent with I-ATONIS nomenclature, e.g. Light, Light Major Aid (LTMA) Range Rear (RR), etc.

ITEM 6 – Enter the aid's position to the thousandths of a second. When relocating an aid enter the new position in this block and document the position change in the remarks block (ITEM 15), for example: from position: XX-XX-XX.xxx, YYY-YY-YY.yyy to position XX-XX-XX.xxx, YYY-YY-YY.yyy.

ITEM 7 – Check the block that applies.

ITEM 8a – Operational Range is the distance determined by the waterways manager at which a light should be seen for a specified percentage of time – Percent Visibility Requirement.

8b – Percent Visibility Requirement is 90% for Major Aids and Range Lights and 80% for Minor Aids.

8c – Metrological Visibility is a measure of the atmosphere's clarity in a particular location

8d – Required Effective Intensity is the minimum intensity requirements to meet the Operational Range Requirement. (Values entered in blocks 8c & 8d are found in the Visual Design Manual (COMDTINST M16510 (series)) and blocks D14 and D22 respectively in the Allard's Law Worksheet).

Note: Refer to the Range Design Manual for calculating these values for range lights (COMDTINST M16500.4 (series)).

ITEM 9 – Indicate whether this form is for the primary, secondary, or emergency light of the AtoN by checking the appropriate block. Consult the most current edition of the Aids to Navigation – Technical Manual (COMDTINST M16500.3 (series)) to accurately complete this section.

9.f – Enter the light characteristic and include the flash duration/Contact Closure Time (CCT). Example: FL 4 (0.4)

9.g – Enter "LED" for LED optic.

ITEM 10 – Enter applicable current and new sound signal equipment information.

ITEM 11 – Enter applicable RACON Morse Code and System. RACONs obtained from the CG Engineering Logistics Center after 2005 are System VI or newer.

ITEM 12 – Enter the applicable AIS manufacturer and duty cycle. Ensure that the Frequency Request Authorization Form (CG-6086) has been completed and approved.

ITEM 13 – Enter applicable current and new Power Supply information. Consult the most current edition of the Aids to Navigation – Technical Manual (COMDTINST M16500.3 (series)) to accurately complete this section.

13.a.(1) – Enter the type and number battery(ies) system. For example; Large Lead-Acid, 01

13.a.(2) – Enter battery system purpose and total system Amp Hours. For example; Primary or Backup, 1200ah

13.a.(3) – Enter the battery manufacturer and model.

ITEM 14 – Enter the applicable structure information consistent with I-ATONIS nomenclature. Consult the Aids to Navigation, Administration Manual (COMDTINST M16500.7 (series)) for guidance to calculate Structure Height and Focal Plane Height.