

15. Remarks *(continued)*

INSTRUCTIONS

Note: Use this form for all floating Aids to Navigation and Form CG-3213A for all fixed 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 LB, ULB, BBL, or BBU.

Note: BBL & BBU are rarely used.

Note: Use form CG-3213A for buoy to beacon proposals.

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 – 80% for all Lighted Buoys.

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

8c – Required Effective Intensity is the minimum intensity requirements to meet the Operational Range Requirement.

(Values entered in blocks 8b & 8c are found in the Visual Design Manual (COMDTINST M16510 (series)) and blocks D14 and D22 respectively in the Allard's Law Worksheet).

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

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

9.f – 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.

ITEM 14 – Enter the applicable buoy information.

14.b, c, & d – Consult the Mooring Selection Guide Software to determine optimal mooring configuration.

14.d – Enter the Authorized Hull, consult the Aids to Navigation Manual Technical (COMDTINST M16500.3(series)).

14.f – Enter any special equipment, such as special weather gathering gear, etc., continue in block 15 for as needed.