requirements to ensure that they are also detectable from a safe distance away, will be required to have the least powerful obstruction lights or sound signals. The location and standards for Class A structures will generally be in between Class A and C structures.

(c) What criteria will be used to classify structures? When assigning a structure to a class, the District Commander will take into consideration whether a line of demarcation has been prescribed, and matters concerning, but not necessarily limited to, the dimensions of the structure and the depth of water in which it is located, the proximity of the structure to vessel routes, the nature and amount of vessel traffic, and the effect of background lighting.

(1) If a line of demarcation has been prescribed, the District Commander will assign those structures seaward of the line of demarcation to Class A. He or she will assign all structures shoreward of the line of demarcation to either Class B or Class C, unless the District Commander determines under §67.05–25 that the structure should be assigned to Class A because of the structure’s proximity to a navigable channel, fairway or line of demarcation.

(2) If a line of demarcation has not been prescribed, the District Commander will assign a structure to Class A, B, or C as he or she deems appropriate.

§67.05–1 Arrangement of obstruction lights.

(a) Structures having a maximum horizontal dimension of 30 feet or less on any one side, or in diameter, shall be required to have one obstruction light visible for 360°.

(b) Structures having a maximum horizontal dimension of over 30 feet, but not in excess of 50 feet, on any one side, or in diameter, shall be required to have two obstruction lights installed on diagonally opposite corners, 180° apart, or as prescribed by the District Commander, each light to have a 360° lens.

(c) Structures having a horizontal dimension of over 50 feet on any one side, or in diameter, shall be required to have an obstruction light on each corner, or 90° apart in the case of circular structures, or as prescribed by the District Commander, each light to have a 360° lens.

(d) Where the overall dimensions of a structure require the installation of two or more obstruction lights, the lights shall all be mounted on the same horizontal plane within the limitations of height specified in §67.20–5, §67.25–5, or §67.30–5, as applicable.

(e) Lesser structures and piles, pile clusters or flare templates, etc., will not normally be required to be marked by obstruction lights, when they are located within 100 yards of a Class “A”, “B” or “C” structure marked by established obstruction lights, but they shall be marked with red or white retro-reflective material, installed as prescribed by the District Commander.

(f) All obstruction lights shall be installed in a manner which will permit at least one of them to be carried in sight of the mariner, regardless of the angle of approach, until the mariner is
§ 67.05–5 Multiple obstruction lights.
When more than one obstruction light is required by this part to mark a structure, all such lights shall be operated to flash in unison.

§ 67.05–10 Characteristics of obstruction lights.
All obstruction lights required by this part shall be powered from a reliable power source, including auxiliary power sources as necessary. They shall display a quick-flash characteristic of approximately 60 flashes per minute, unless prescribed otherwise in the permit issued by the District Commander. Their color shall be white when marking Class “A” and “B” structures, and either white or red, as prescribed by the District Commander, when marking Class “C” structures. In determining whether white or red lights shall be authorized, the District Commander shall take into consideration matters concerning, but not necessarily limited to, the dimensions of the structure and the depth of water in which it is located; the proximity of the structure to vessel routes; the nature and amount of vessel traffic; and the effect of background lighting.

§ 67.05–15 Operating periods of obstruction lights.
Obstruction lights shall be displayed at all times between the hours of sunset and sunrise, local time, commencing at the time the construction of a structure is begun. During construction and until such time as a platform capable of supporting the obstruction lights is completed, the fixed lights on an attending vessel shall be used. In addition, when lights are in use for general illumination to facilitate the construction or operation of a structure, and can be seen from any angle of approach at a distance equal to that prescribed for the obstruction lights for the class of structure, the actual operation of obstruction lights also will not be required.

§ 67.10–1 Apparatus requirements.
The sound signal required by §§67.20–10, 67.25–10, and 67.30–10 must:
(a) Have its maximum intensity at a frequency between 100 and 1,100 Hertz;
(b) Sound a 2-second blast every 20 seconds (2 seconds sound, 18 seconds silence) unless otherwise authorized by the District Commander;
(c) Have the rated range required by §§67.20–10, §67.25–10, or §67.30–10;
(d) Have a height not exceeding 25 feet;
(e) Have not more than eight sound sources;