Hydrographic Survey Parameters:

Survey Parameters for a hydrographic survey that is required when a structure or moored vessel will be located within 62.5 feet of the near bottom edge of the federal channel:

1. All hydrographic surveys must be conducted under the direction of a registered land surveyor.

2. The survey should be of sufficient detail to determine the landward most area where water depth would be adequate to moor a vessel.

3. Soundings shall be provided in MLW datum and have an accuracy of +/- 0.5 feet vertical. Horizontal accuracy shall be +/- 6 feet horizontal.

4. Surveys should be conducted perpendicular to the near bottom edge of the federal channel and should cover the distance between the highwater mark and the near bottom edge of the federal channel.

5. Surveys lines should be a minimum of 50' apart and soundings should be taken 10' apart along these survey lines. This survey should cover all areas that will be affected by new or rehabilitated structures.

6. Acoustic (fathometer) or mechanical (lead line/sounding pole) soundings will be acceptable.

7. Surveyed points should be plotted in plan view.