

155 SMALL CRAFT BERTHING

This basic category group provides facilities supporting small craft operations.

155 10 FLEET LANDING (FB)

A fleet landing is a fixed or floating pier designed for the loading and/or unloading of a ship's personnel onto or from a personnel boat or ferry.

This facility must be in quiet water, carefully sheltered against disturbances. Water depth must be adequate for the type of ferry craft used.

155 11 FLEET LANDING BUILDING (SF)

A fleet landing building is a structure used to accommodate ship's personnel being loaded or unloaded from a personnel boat or ferry. The size and type of structure is dependent upon the average number of personnel being transferred at any one time and the type of climate in which the structure is located. In the absence of specific criteria, the quantitative requirements for the facility should be determined on an individual basis based on the experience and knowledge of the activity involved and the appropriate Systems Commands.

155 20 SMALL CRAFT BERTHING (FB)

Berthing plans at waterfront facilities will provide space for all small craft authorized by CNO/CMC. Access and maintenance mooring arrangements should include facilities for harbor and pilot launches, survey boats, work boats, special service craft, rescue boats, and other small craft. If necessary, breakwaters will be provided for shelter against wind and wave action. Small boat piers and boathouses may be planned if several craft of medium and large size are to be accommodated. For medium and larger craft, water depth must be a minimum of 6 feet and preferably 8 feet at mean low water. The pier may be designed to handle vehicles and provide turning space at the ell end of the pier. Water and electricity are required, as well as boat-fueling dispensers at the ell end of the pier. The utility services (Code 800) and fueling for small craft (Code 124 40) are provided as secondary code items.

155 21 SMALL CRAFT BOATHOUSE (SF)

A boathouse is necessary where an alert crew is required, where a boat facility is remote from the supporting activity, or where boat repair facilities are essential. Boat crew quarters or a boathouse may be programmed for those locations that justify an alert crew for the aviation rescue boats, where the boat facility is remotely located from the supporting facility, and where boat repair facilities (either Code 213-56 or 213-58

as appropriate) are required. The boathouse is programmed on the following basis:

Alert crew quarters	85 square feet per man
Office and shop space	<u>85 square feet per man</u>
	170 square feet per man
	(includes toilet and custodial space)

Plus-boat shelter of 2,970 square feet (maximum allowed, accommodates two-AVR craft).

The following facilities should be provided for: repair shops and working platforms, crew bunkhouse, toilets, mechanical equipment room, a small office, boat machine and carpenter shops, marine railway hoist or crane, covered storage, paint shop, battery shop, fuel storage tanks with pumping apparatus, water, electricity, and sail loft, if necessary. At mean low water, the depths in a boathouse shall not be less than 5 to 6 feet. The ceiling clearances shall conform to the requirements of the various craft accommodated, but they should not be less than 16 feet. Working platforms should be about 3 feet above mean high water. A boathouse roof should provide cover over walkways and berths for emergency craft.

For a typical small craft berthing facility, see Definitive Designs, NAVFAC P-272.