

§ 1737.31

§ 1737.31 Area Coverage Survey (ACS).

(a) The Area Coverage Survey (ACS) is a market forecast of service requirements of subscribers in a proposed service area.

(b) The objective of the ACS is to determine the location, number and telephone service requirements of subscribers in a service area. RUS will use the ACS to appraise the proposed plan for area coverage and to determine the largest practical number of rural subscribers which can be served on an economically feasible basis. Preparation of the ACS requires:

(1) A field survey of the service area to locate and identify on maps all business and residential establishments, whether currently served or not. The location and identification of future establishments are also recorded on the maps.

(2) A forecast of the number of telephone subscribers, in the entire service area, by exchange, grade and class of service, projected for the end of the 5-year study period.

(c) The results of the survey and forecast shall be:

(1) Shown on maps (maps for those service areas previously financed by RUS do not have to be included in the ACS provided that the borrower's records contain sufficient information as to subscriber development to enable cost estimates for the proposed facilities to be prepared);

(2) Tabulated on RUS Form 569 "Area Coverage Survey Report," or its equivalent; and

(3) supported by a narrative (see §1737.32(f)(1)(ii)) containing information on the bases for the service requirement forecasts in each exchange.

(d) Guidelines on preparing an ACS are provided in RUS Telecommunications Engineering and Construction Manual section 205.

(e) The RUS field representative reviews and approves the borrower's ACS. The borrower should make sure this is done before proceeding with the Loan Design in order to prevent unnecessary expense should the ACS not be approved. The borrower's engineer

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must use the RUS-approved ACS in preparing the Loan Design.

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§ 1737.32 Loan Design (LD).

(a) A loan application requires supporting data collectively called a "Loan Design." The LD contains a forecast of service requirements and a narrative with supporting exhibits. Most of the items included in the LD are similar for all loan applications. However, as noted below, there are certain additional requirements for initial loans and for any exchange areas not previously financed by RUS, and other additional requirements for subsequent loans for areas previously financed by RUS. The LD must conform to the borrower's state telecommunications modernization plan unless the borrower is seeking a guaranteed loan (for additional information concerning the plan, see 7 CFR part 1751, subpart B).

(b) Because of the importance and complexity of the engineering studies necessary for the LD, it should be prepared by a competent experienced telecommunications engineer. While the LD is subject to RUS approval, the borrower's selection of an engineer to perform preloan work is not. Note: The borrower's selection of an engineer to perform postloan work is subject to RUS approval. This should be considered when selecting a preloan engineer, if the same individual or company is to perform both services. See 7 CFR 1753.17.

(c) An LD for initial loans or for any exchange areas not previously financed by RUS requires an Outside Plant Design that provides:

(1) The most economical and practical design for a telephone system that meets immediate service demands; and

(2) The basis for orderly expansion of the system to serve the widest practical number of rural establishments.

(d) The LD for a subsequent loan (which only includes areas previously financed by RUS) does not require a detailed Outside Plant Design. The detailed Outside Plant Design for these subsequent loans may be completed for RUS review and approval after loan approval, but before staking is started