

ORDER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AL 6030.2C

ALASKAN REGION

July 8, 1992

SUBJ: FIELD DIVISION RESPONSIBILITIES IN THE SELECTION OF LOCATIONS FOR
NAVIGATIONAL AIDS

1. **PURPOSE.** This order delineates the responsibilities of the Alaskan Region Airway Facilities, Air Traffic, and Flight Standards Divisions in connection with the locating of navigational aid facilities within the region. It also prescribes the organization of an interdivision team to accomplish this. This order is being updated to reflect the current organizational structure and involve the Airway Facilities Division Systems Maintenance Engineering, Establishment Engineering, and Telecommunications and Spectrum Engineering Branches, and sectors in the site selection process.
2. **DISTRIBUTION.** This order is distributed to the branch level in the Air Traffic, Flight Standards, and Airway Facilities Divisions, and to the Airway Facilities sector headquarters.
3. **CANCELLATION.** Order AL 6030.2B, Field Division Responsibilities in the Selection of Locations for Navigational Aids, dated December 30, 1966, is canceled.
4. **POLICY.** The selection of locations for air navigation facilities within the region will be done jointly by specified representatives of the Airway Facilities, Air Traffic, and Flight Standards Divisions. This policy in no way alters the separate responsibilities of any of the above participating divisions as prescribed in applicable agency directives. Siting criteria as indicated by appropriate orders shall be followed.
5. **FACILITY SITE LOCATION TEAM.** The facility site location team shall be composed of members from Air Traffic and Flight Standards Divisions and the Airway Facilities Division Establishment Engineering, Systems Maintenance Engineering, Telecommunications and Spectrum Engineering Branches, and sectors. Each organizational unit manager shall designate the individual/individuals who is/are to serve on the team. Alternate team members shall be designated to insure continuity of team operation. Each team member shall represent their organization within that organization's area of responsibility.
6. **RESPONSIBILITIES OF TEAM MEMBERS.** Team members are responsible as follows:
 - a. The Airway Facilities Division, Establishment Engineering Branch member shall serve as the chairperson of the team. He/she, in concert with the Systems Maintenance Engineering and the Telecommunications and Spectrum Engineering Branches and the sectors, shall determine the feasibility of siting each air navigational aid facility within the recommended area and shall recommend alternate locations as necessary. The Airway Facilities Division members must consider such factors as theoretical signal coverage, environmental conditions affecting facility performance, the establishment and maintenance costs, and the operational relationship of the proposed facility to the other existing or planned facilities in the system.
 - b. The Air Traffic Division member shall evaluate and recommend facility locations considering the configuration of airways, air routes, and controlled airspace. He/she shall recommend locations or areas where facilities will best serve the requirements of the agency from the air traffic control standpoint. He/she must con-

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sider such factors as navigational aid spacing, anticipated minimum en route altitudes, approach and departure procedures, etc.

c. The Flight Standards Division member shall evaluate the proposed facility location from the standpoint of optimum approach and en route procedures, system worthiness, en route altitudes, and obstructions to air navigation. He/she shall recommend alternate locations, as appropriate, to best serve the needs of air commerce.

7. PROCEDURES.

a. **Site Study.** When a new air navigational aid or the relocation of an existing air navigational aid is determined necessary, the chairperson of the facility site selection team shall call a meeting of the facility site location team. The team shall then institute studies and investigations, including physical visits to the proposed site, when necessary, to determine the optimum location of the facility

b. **Scheduling.** The team shall provide the Airway Facilities Division with location recommendations, including alternate locations as necessary, at the earliest practicable date. This is necessary in order that meaningful cost estimates may be developed for the budget submission or tentative program review. Occasionally it will be necessary for the team to select sites and consider siting problems associated with facilities in a current program or included in a current budget request.

c. **Recommendations.** When a location has been selected, a memorandum specifying the location shall be addressed to the Manager, Airway Facilities Division, with an information copy to the Regional Administrator. This memorandum shall be signed by all members of the team and shall be routed through the Managers of the Air Traffic and Flight Standards Divisions.

d. **Dissents.** In the event that agreement cannot be reached between team members as to the optimum location for a navigational aid, the chairperson shall formally refer the matter to the three division managers for resolution.

e. **Restudies.** Because of changes in requirements, criteria, policy, or failure of a site to provide the anticipated degree of service, it may become advisable at times to re-establish the facility in a different location. In such cases, the facility site location team shall restudy the facility location problem in the light of the new situation and shall submit its recommendations to the Manager of the Airway Facilities Division. Requests for a restudy of a navigational aid location may be initiated at any time by any of the three participating divisions.

f. **Performance Review.** To insure that facility performance meets all planned requirements, it is essential that technical data obtained during site evaluation and commissioning flight inspections be made available for evaluation by team members, especially in those instances where less than optimum performance is noted. Such instances shall be specifically identified in the evaluation reports so as to call their attention to the team for determination as to the suitability of the facility tested.

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Regional Administrator