

**AERONAUTICAL CHARTING FORUM
Charting Group**

Meeting 14-02 – October 29-30, 2014

RECOMMENDATION DOCUMENT

FAA Control 14-02-285

Subject: Charting of Arctic UAS Permanent Areas mandated by the FAA Modernization and Reform Act (FMRA) of 2012.

Background/Discussion:

The FMRA, Section 332 (d)(1) mandates that the FAA designate permanent areas in the Arctic where small unmanned aircraft may operate 24 hours per day for research and commercial purposes:

SEC. 332. INTEGRATION OF CIVIL UNMANNED AIRCRAFT SYSTEMS INTO NATIONAL AIRSPACE SYSTEM.

(d) EXPANDING USE OF UNMANNED AIRCRAFT SYSTEMS IN ARCTIC.—

(1) IN GENERAL - Not later than 180 days after the date of enactment of this Act, the Secretary shall develop a plan and initiate a process to work with relevant Federal agencies and national and international communities to designate permanent areas in the Arctic where small unmanned aircraft may operate 24 hours per day for research and commercial purposes. The plan for operations in these permanent areas shall include the development of processes to facilitate the safe operation of unmanned aircraft beyond line of sight. Such areas shall enable over-water flights from the surface to at least 2,000 feet in altitude, with ingress and egress routes from selected coastal launch sites.

The Secretary of Transportation signed the Arctic sUAS Plan: Expanding Use of Small Unmanned Aircraft Systems in the Arctic Implementation Plan, FAA Modernization and Reform Act of 2012 on 11/1/2012. The plan requires the establishment of several routes for ingress/egress from selected coastal launch sites to access the permanent Arctic areas. The routes will extend from the selected coastal launch sites, through domestic airspace to the permanent Arctic areas.

The procedures for using the permanent Arctic areas will be developed as a part of this plan. Typical procedures used for corridor routes in other areas of the NAS require operators using the corridor routes to file, activate, and close a flight plan with the appropriate aeronautical facility

Recommendations:

Comments: 10 coastal launch sites and associated corridor routes accessing international airspace are attached for charting consideration. Larger oceanic areas will be presented at the charting forum in the Anchorage Arctic Flight Information Region for charting consideration.

Attachments: Arctic sUAS Plan, Wainwright, AK coastal launch site and corridor, Oliktok Point ALTRV, Proposed coastal launch sites, Arctic Areas jpg.

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Date: September 17, 2014
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Valerie Watson, AJV-344, informed the forum that the recommendation was withdrawn by the submitter. The RD will be closed and may be re-opened by the submitter at a future ACF.

STATUS: WITHDRAWN/CLOSED