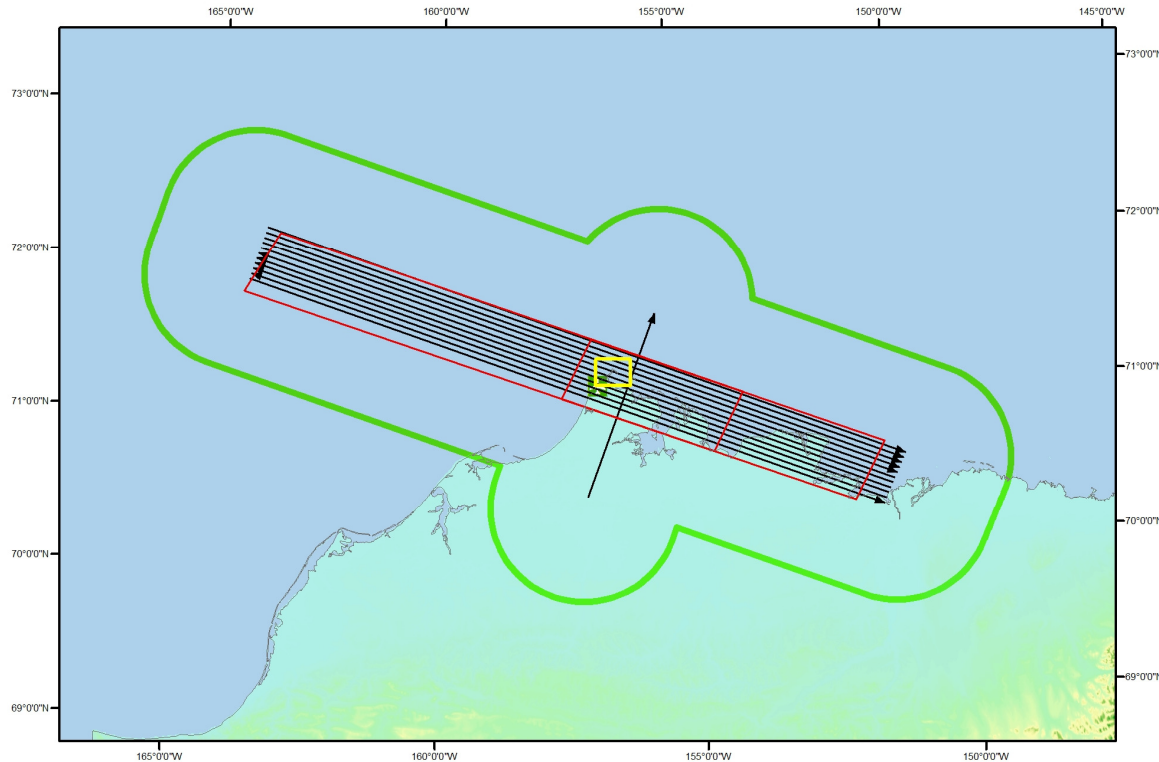


Barrow, Alaska Frequency Request

N10123 GeoSAR

The P-Band Flight area is denoted by 37-kilometer standoff area (shown in green), which falls roughly between 166°40'38"W and 149°9'7"W Longitude and 69°36'5"N and 72°50'43"N Latitude. The chart on the next page shows the distance and length of time that the radar is activated for each numbered flight line. Radar is off during turns.



Mission Duration: This mission is composed of 3 sorties of approximately 3 hours each in duration. The radar on and off points are shown in the attached flight line summary.

Total mission radar activation: 446.91 minutes.

P-band radar will be on for 446.91 minutes.

Total radar activation distance: 3127.39 nautical mi.

Flight Altitude: 39511 feet

Ground Speed: 420 knots

Stop Buzzer Procedure: A call to the Alaska ATC Center will result in immediate contact with the plane (GeoSAR Call Sign: Gulfstream N10123).

Fugro EarthData Office: 301-948-8550

Fugro EarthData Ground Crew: 240-409-5062

Flight Line#	Direction	Coordinates Radar On		Coordinates Radar Off		Distance of Radar Activation	Radar Activation Duration
		Latitude (deg)	Longitude (deg)	Latitude (deg)	Longitude (deg)		
1	W to E	72°16'38"N	164°3'18"W	70°36'48"N	150°33'54"W	276.78 nautical miles	39.55 minutes
2	W to E	72°14'33"N	164°5'5"W	70°34'56"N	150°37'8"W	276.68 nautical miles	39.54 minutes
3	W to E	72°12'28"N	164°6'52"W	70°33'5"N	150°40'23"W	276.58 nautical miles	39.52 minutes
4	W to E	72°10'24"N	164°8'39"W	70°31'14"N	150°43'36"W	276.48 nautical miles	39.51 minutes
5	E to W	70°29'22"N	150°46'49"W	72°8'20"N	164°10'25"W	276.38 nautical miles	39.49 minutes
6	E to W	70°27'30"N	150°50'1"W	72°6'15"N	164°12'11"W	276.28 nautical miles	39.48 minutes
7	E to W	70°25'37"N	150°53'13"W	72°4'9"N	164°13'56"W	276.18 nautical miles	39.47 minutes
8	E to W	70°23'46"N	150°56'24"W	72°2'5"N	164°15'41"W	276.08 nautical miles	39.45 minutes
9	E to W	70°21'53"N	150°59'35"W	71°59'59"N	164°17'26"W	275.98 nautical miles	39.44 minutes
10	W to E	71°57'55"N	164°19'10"W	70°20'1"N	151°2'44"W	275.88 nautical miles	39.42 minutes
11	S to N	70°28'58"N	157°8'11"W	71°49'24"N	155°26'19"W	87.24 nautical miles	12.47 minutes
12	W to E	72°18'44"N	164°1'30"W	70°38'41"N	150°30'38"W	276.88 nautical miles	39.57 minutes
Total						3127.39 nautical miles	446.91 minutes