

Return to Misty Moorings presents

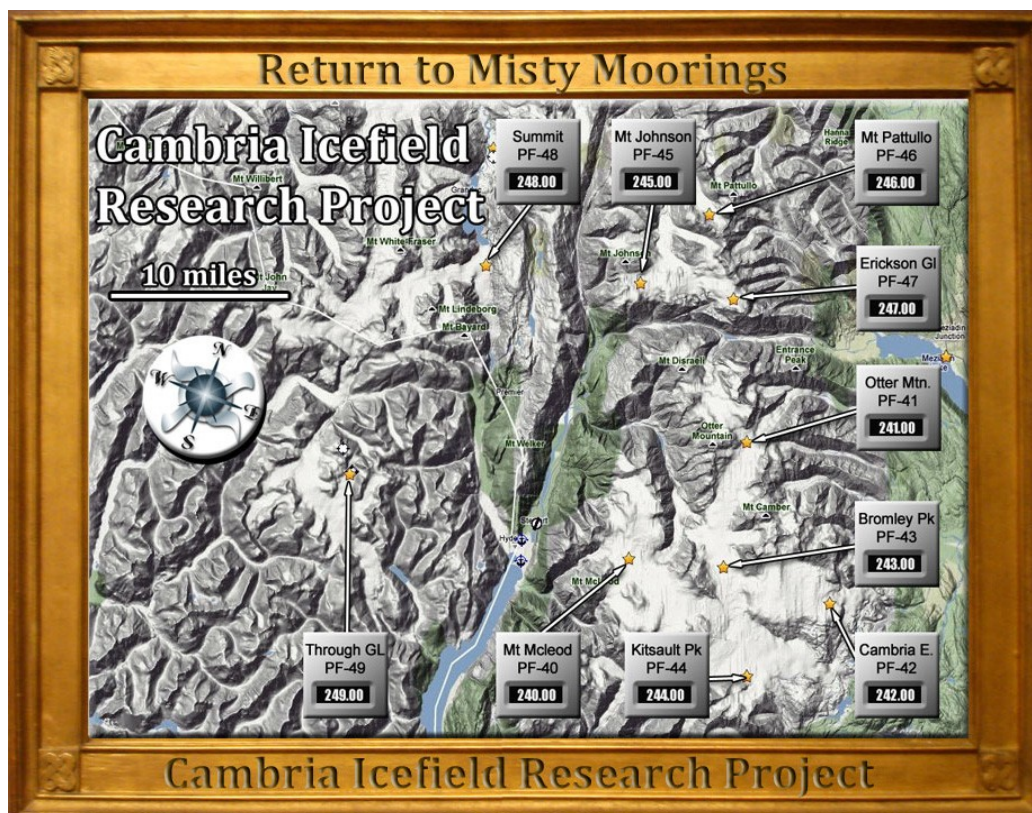
The Cambria Icefield Research Project (CIRP)



Introduction: Return to Misty Moorings focuses on the Tongass Fjords and ORBX PFJ geographical areas. Within PFJ is a fascinating geography that is very unlike the rest of the scenery area ... the glaciers.

The glaciers cover a great expanse of our geographic operating area and we decided to put this breathtaking scenery to good use for the flight sim community. You will find flying and operating in the glaciers is vastly different than anything you have encountered in the past. We are proud to bring you the Cambria Icefield research Project (CIRP).

Geography : There are 10 Ice Stations now located in the glacier areas above Stewart, BC. All ice stations are transmitting a unique NDB frequency that will help you locate them in the vast and dangerous maze of mountains and very unpredictable weather.



Glacier Navigation:

Air: The main method of navigation will be both rotor and fixed wing aircraft. The smaller bush planes with skis are good choices for this environment. A 'strong' helicopter is necessary because of the altitudes involved ...0 to 6000 feet. Your main navigational instrument will be the ADF that will guide you to the NDB beacon.

Ice (land): The vehicle we have found to be most reliable on the land is Mitsuya Hamaguchi's (Hama's) hovercraft. This "simobject" is perfect for this environment. It will easily navigate over the ice and snow as well as cross water and land where there is no snow or ice. We have found it to "handle" realistically. Gary Moore has repainted the hovercraft for us into CIRP colors and we have modified the 2-D panel for "ice navigation" ... adding the ADF, the frequency selector, and a modified mini-panel that will help you navigate on the ice. (A simple download from the site gives you this completed package).



Helicopters in CIRP: Almost every location and outpost has a helipad suitable for landing a fair-sized helicopter. Many of these helipads are on the very tops of high mountain peaks at 6000 to 9000 feet in height. Also, with the weather involved over the glaciers, including some very high winds, operating a helicopter in these conditions can be very difficult and take some special piloting skills. If you are a skilled heli pilot, then you will find CIRP a special challenge to those hard-earned skills. For instance ...



The bush-type planes will be the work horses of moving material from the Operations Base to the ice stations, but the helicopters and the hovercraft can go where a plane, even with skis, cannot go. And even the hovercraft is limited to inclines of less than 25 degrees ... therefore not acceptable for reaching the highest peaks.

Whatever your favorite mode of transportation, you will find a new niche flying not only the very difficult terrain of the high mountain glaciers, but coping with weather systems that change in minutes from blue sky to total white-out. This is white-knuckle flying at its very best.

Scenery Features:

Here are some of the features you will find in CIRP ...

- **FSDDiscover! "dat" file for CIRP...** All the sensors and camps - Updated: 08.30.2011
- **Smoking Barrels:** You'll find smoking barrels near the ends of airstrips to help line up your approach
- **Custom CIRP Airstrip Ground Textures:** Designed by Xavier Carre', these airstrips look like they should up here.
- **Custom CIRP Objects:** Look for signs, buildings and other objects designed by Xavier Carre' that help with location, parking and building assignments at the ice stations.
- **Custom CIRP Sounds:** Blowing wind sounds and other noises surround you at the ice stations.
- **NDB for each CIRP Ice Station:** Encoded into each ice station is an NDB code you can tune in on your ADF equipped aircraft to help with navigation.
- **Custom NDB Scenery:** Matching that custom NDB code is a scenery file that shows you an NDB object positioned near each Ice station.
- **AI Hovercraft:** Dex Thomas created AI package for CIRP that uses Hama's hovercraft between Soule Glacier and Stewart.
- **AI Aircraft:**Xavier Carre' added an AI Maule aircraft with ski's that makes Bromley Peak supply runs.
- **Blowing Snow Effects:**Look for a possible update in the near future that adds blowing snow effects by Ed Truthan
- **Hidden Scenery Locations:**Most bases have helipads on nearby mountains, away teams on the ice and other sights to locate. See if you can find them.
- **Main Supply Depot:** Be sure to add the additional scenery for the airport at Stewart that gives you a CIRP Operations Base and other nearby attractions.
- **Ketchikan Office:** Another additional scenery area that gets those tourists at the larger airport interested in visiting the ice fields near Stewart.
- **Glacier Maintenance Dispatches:** Summit Ice Station and Visitors Center offers fun and challenging Hovercraft dispatches that take visitors out on the ice.

Downloads available from RTMM/CIRP

- PF40 – Mt McLeod Ice Station
- PF41 – Otter Mountain Ice Station
- PF42 – Cambria East Ice Station
- PF43 – Bromley Peak Ice Station
- PF44 – Kitsault Peak Ice Station
- PF45 – Mt Johnson Ice Station
- PF46 – Mt. Pattullo Ice Station
- PF47 – Erickson Glacier Ice Station
- PF48 – Summit Ice Station
- PF49 – Through Glacier Research Base
- AI CIRP Hovercraft (AI Traffic)
- CIRP Hovercraft (repaint and panel changed)
- CIRP Operations Base (Stewart, BC)
- CIRP PAKT Office (Ketchikan office)



- CIRP NDB Beacons (all Ice stations have their own NDB)
- Soule Glacier – ice “routes” including Soule Landing and R&R Lodge
- Glacier Instrument Maintenance routes
- “Hidden” remote sites you will have to find
- Custom-made objects for glaciers
- Links to all necessary Object Libraries

Dispatches and Routes: Getting “out on” the ice and navigating by land will give you an entirely different perspective of the glaciers. First of all, not only are they starkly magnificent, they are literally huge! Flying over them, they are well-defined. Driving ON them you will find there is little definition and it is very easy to get totally lost.

The RTMM/CIRP team has taken a great deal of extra time to help you with navigating in this new environment using the FSX flight planner. For instance, at the Summit Ice Station, we have placed 5 “dispatches” that will send you out onto the ice to find (and maintain) glacier sensory instruments, water sampling piers, and small weather stations. These are not “small” objects ... but in the vastness of the glaciers they can disappear.

The Routes take you between Summit, Through, Soule Landing, R&R Lodge and the Stewart Operations Base ... ALL BY LAND ROUTE! You will cross ice, land and water on these routes and easily go from sea level to 6000 feet in the hovercraft. All are complete with FSX flight plans that will, by using your GPS guide you to the location targets.

In Summary:

We would like to thank the “Amigos” who designed the SIRP (Stikine Icefield Research Program) for Tongass Fjords / Fs2004. That historic program gave us the ideas and courage to take on CIRP. The members of that team were: Bill Dick, Phil Cayton, Glenn "Woody" Fout, Doug Linn, and Ed Truthan. Our sincere thanks to their efforts ... we now are well-aware of the hours and hours such an effort took.

The CIRP team for this project consists of the following people:

Brad Allen, Guy (Spud) Maricich, Dex Thomas, Doug Linn, Gary Moore, Jeff Greene, Xavier Carré, Klaus Tröppner, and Chris Brisland. If you like what they have created for you, you can thank them on the FORUM at Return to Misty Moorings.

Site: <http://return.mistymoorings.com/>

Forum: <http://forum.mistymoorings.com/>



RTMM

Return to Misty Moorings - CIRP

Glacier Tours



Experience the glaciers! Leave from Ketchikan Airport and fly through the beautiful Misty Fjords National Park. Arrive at the CIRP Visitors' Centre at the Summit Ice Station, one of 10 ice stations of the Cambria Icefield Research Project.

You will ride out onto a glacier in a comfortable bus and see, first-hand, the instruments used on the glaciers. You will be given a walking tour of the Summit Ice Station complex where you will see everything from ice core analysis to glacier maintenance for vehicles and instruments.

In the Visitors' Centre, you will watch a short video presentation on the CIRP project listing its accomplishments and goals. The Icefield Museum at the Visitors' Centre showcases many of the items encountered out on the ice. The center also displays the various instruments and route markers actually used out on the ice.

Ride the CIRP Hovercraft! Take an exciting tour (dispatch) to go with the maintenance crew to check out a series of glacier instruments that are distributed out over the glaciers. There are 5 different "dispatches" you can enjoy.

Fly on to Stewart/Hyder to the Operations Centre for CIRP where you can find overnight lodging in the area and a fine warm meal to top off your exciting day. From the operations centre you can take additional tours by ski-plane out to other CIRP facilities. For the more rugged tourists, there are "basic" accommodations at the ice stations where you can camp out and experience what it is like working on the ice.

The tour starts at the Ferry Dock at Ketchikan at 6:30 am Monday through Friday. The ferry takes you to the airport where you will be met and taken to the tour aircraft. You can purchase tickets for this tour at the Kiosk at the ferry terminal.

This is a once-in-a-lifetime tour that you should not miss during your stay in the Ketchikan Area.