WIP - natTrak Tutorial

This tutorial is currently being updated and is currently <u>not accurate</u> to how natTrak functions. DO NOT USE this tutorial until further notice.

natTrak is a tool developed by VATSIM to simulate how oceanic Request for Clearance (RCL) and CLX (Clearance) messages are handled in real life via CPDLC. VATSIM Scandinavia Iceland has adopted this tool for Reykjavik ACC/OAC.

All controllers on Reykjavik Control (BIRD_x_CTR) are <u>strongly encouraged</u> to use natTrak to handle RCL messages from pilots on VATSIM.

Logging On

First, click the "Sign In With VATSIM" button at the top right of the website. Provided you are already logged onto VATSIM with a BIRD callsign, you will be redirected to a screen that looks like this:

BIRD   Pending Messages   Processed Messages   Create Manual Clearance   Notify New ETA for Pilot   Tracks

Request and receive your VATSIM oceanic clearance here

Available for pilots in the Shanwick EGGX, Gander CZQX, Reykjavik BIRD, and Santa Maria LPPO OCAs.

Connect to VATSIM as a pilot to request oceanic clearance

NOTAMs

1.8.0	⌃

Thu, Oct 17, 2024 10:01 PM

Add RCL auto acknowledge for CTP 24E by @lieselwd in #142 QOL improvements CTP 24E by @lieselwd in #145 Add permission tables by @lieselwd in #146 1.8.0 by @lieselwd in #143

Read more

1.7.0	⌄

The most important tabs on natTrak are:

1. **Pending Messages** — Shows RCL messages which have **not** yet been reviewed by ATC.
2. **Processed Messages** — Shows RCL messages which **have** been reviewed.
3. **Create Manual Clearance** — Allows you to manually create an RCL message in natTrak for an aircraft which did not file a request via natTrak.

Processing RCL Requests

After you open the "Pending Messages" page, you will see the following page.

Search   Filters ▾   Bulk Actions ▾   Columns ▾   10 ⌄

☑	Id	Callsign	Destination	Track	Flight level	Entry fix	Entry time ⇅	Request time ⇅	View	Delete Item	Auto Ackw

No items found. Try to broaden your search.

Showing **0** results

To take action on a request, click "ACTION" next to the flight you wish to clear. This will open a **separate tab** in your browser containing the aircraft's clearance request.

Request Message
VJT569 to EKVG

Request Data

CS	VJT569
DEST	EKVG
TRACK/RR	GUNPA CONNY ROBUR
ENTRY	GUNPA
ETA	1838
FL	400
MFL	410
MACH	080
TIME	1820
CID	▮▮▮▮▮▮

Clearances

None issued.

Send clearance

Datalink authority	Change flight level to	Change mach to
BIRD	Don't change	Don't change

Entry time requirement for GUNPA

At	1838

Change route to another NAT	Change route to another RR
None	

Free text

FL400, 1838, GUNPA

No Active Conflicts Detected Within 10 Minutes

Conflicts with Active Traffic

None found

Conflicts with Pending Traffic

None found

Transmit Clearance

Revert To Voice | Delete Request

Here, you have an opportunity to change any relevant aspect of the aircraft's request, including their cleared routing, flight level, Mach number, or to impose a restriction such as crossing their entry point at or before/at or after a given time.

> At the moment, whereas changing an aircraft's flight level, Mach number, etc. generates an additional "warning" message in the clearance to indicate the change, changing an aircraft's **route** does not do so.
>
> Hence, when amending an aircraft's cleared route, it is recommended to add "ROUTE AMENDMENT" into the Free text field, to achieve the same effect.

Once you are ready to send the clearance, simply click "Transmit Clearance" and the clearance will be sent to the pilot! The clearance request page will update to show the clearance request in the bottom left.

As with real-world datalink operations, the pilot does not need to reply to the clearance if they accept it (they will only contact you if they have a question or a request.) You may now close their request message window.

Transmitting Re-clearances

To transmit an amended clearance to an aircraft you (or a previous controller) already processed the RCL message of, the process is very simple.

Firstly, if you do not already have the aircraft's request message pulled up from issuing their clearance, you may go to the Processed Messages page to retrieve it. Click on **Processed Messages.** You will be faced with a page that looks very similar to the Pending Messages one.

[IMAGE]

Click on the "Action" button next to the aircraft you want to issue a re-clearance to. You will see the same "Request Message" page as when you issued their clearance.

To issue a re-clearance, simply change whatever you need to change in the "Send clearance" side of the page, and then click "Transmit Reclearance." The page will update with a new clearance message