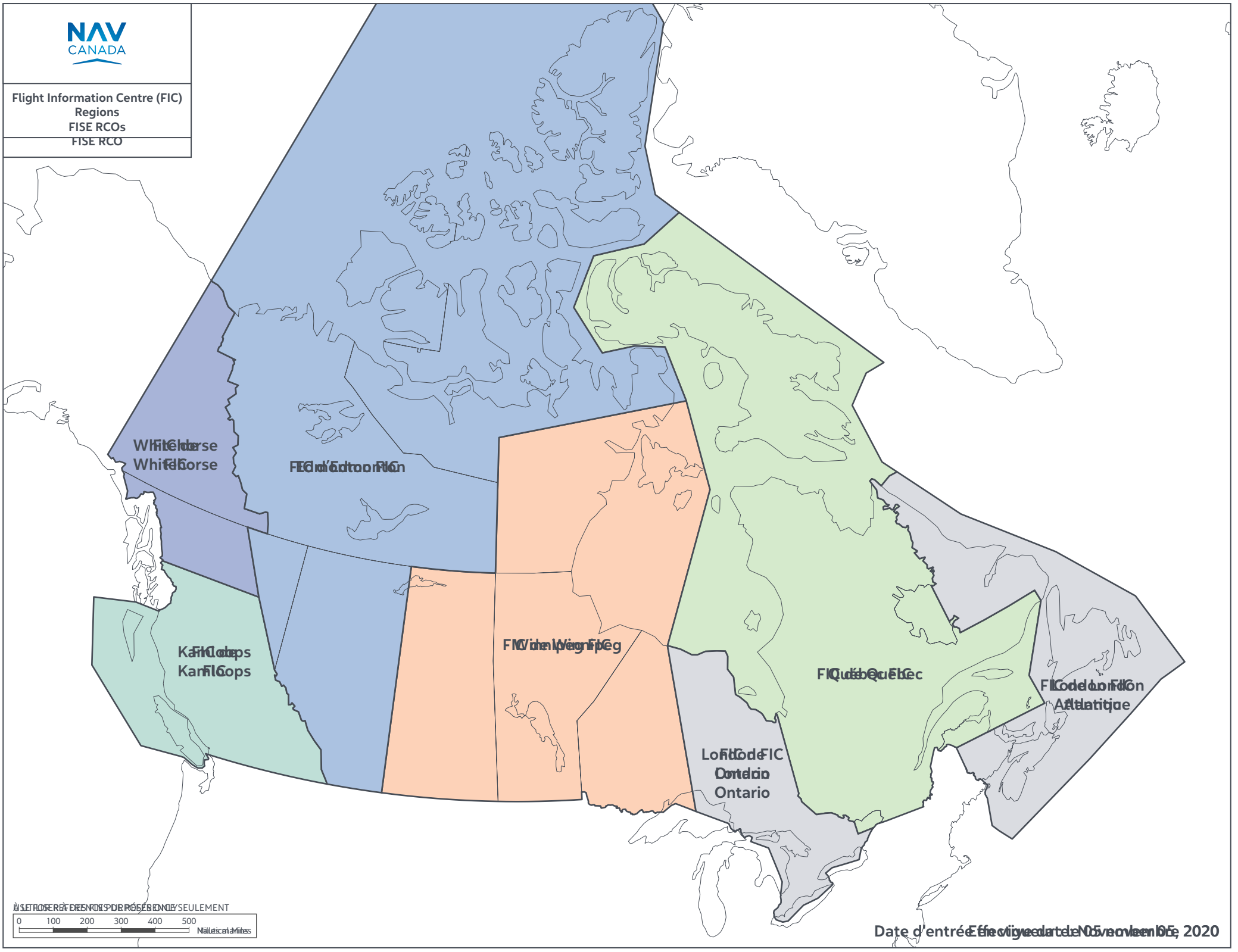
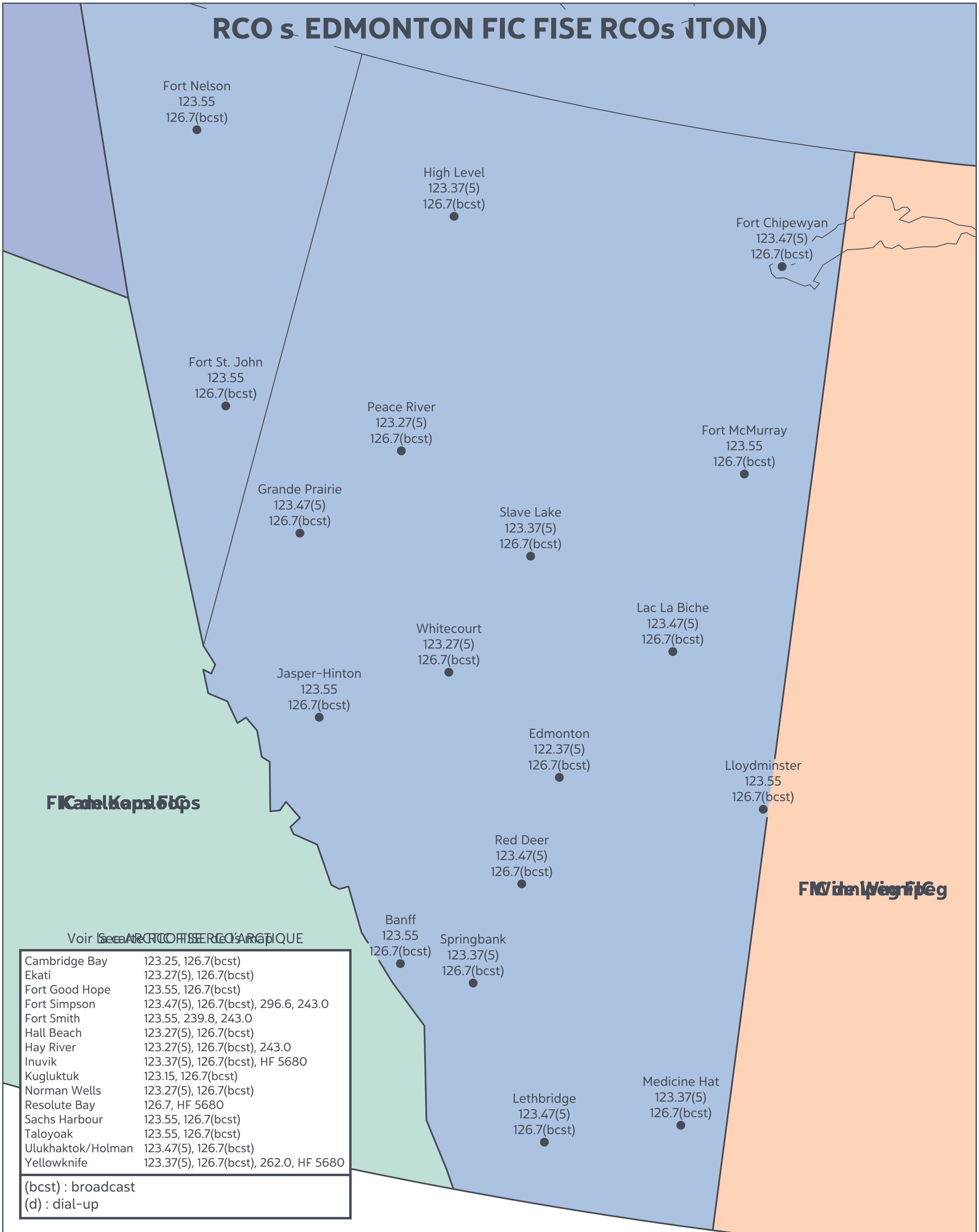

NAV CANADA
Flight Information Centre (FIC) Regions
FISE RCOs
FISE RCO
Whitehorse FIC
Edmonton FIC
Kamloops FIC
Winnipeg FIC
Québec FIC
London FIC
Ontario
Moncton FIC
Atlantique
0 100 200 300 400 500
Nautical Miles
Date d'entrée en vigueur : 05 novembre 2020

RCO s EDMONTON FIC FISE RCOs ITON)

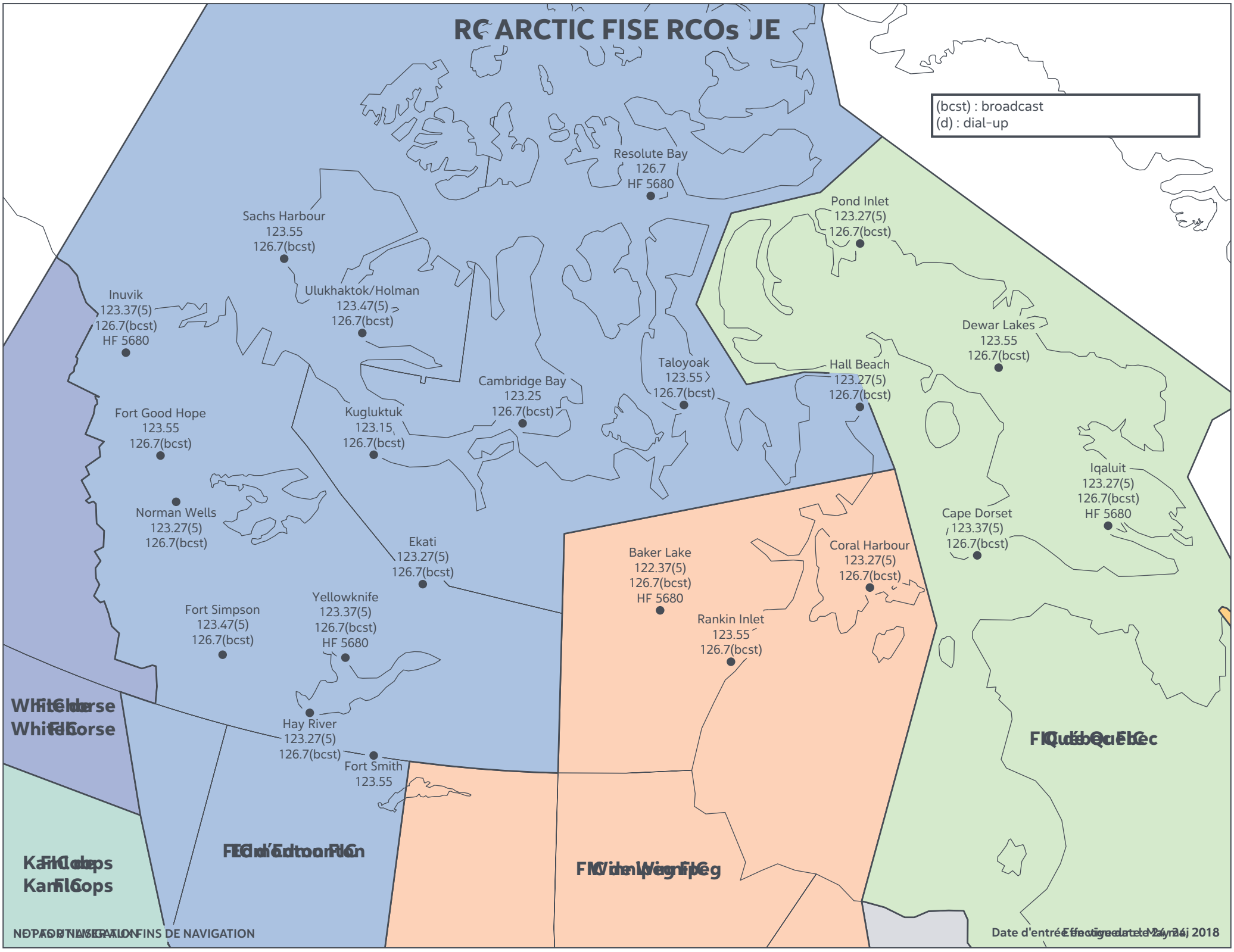


Cambridge Bay	123.25, 126.7(bcst)
Ekati	123.27(5), 126.7(bcst)
Fort Good Hope	123.55, 126.7(bcst)
Fort Simpson	123.47(5), 126.7(bcst), 296.6, 243.0
Fort Smith	123.55, 239.8, 243.0
Hall Beach	123.27(5), 126.7(bcst)
Hay River	123.27(5), 126.7(bcst), 243.0
Inuvik	123.37(5), 126.7(bcst), HF 5680
Kugluktuk	123.15, 126.7(bcst)
Norman Wells	123.27(5), 126.7(bcst)
Resolute Bay	126.7, HF 5680
Sachs Harbour	123.55, 126.7(bcst)
Taloyoak	123.55, 126.7(bcst)
Ulukhaktok/Holman	123.47(5), 126.7(bcst)
Yellowknife	123.37(5), 126.7(bcst), 262.0, HF 5680

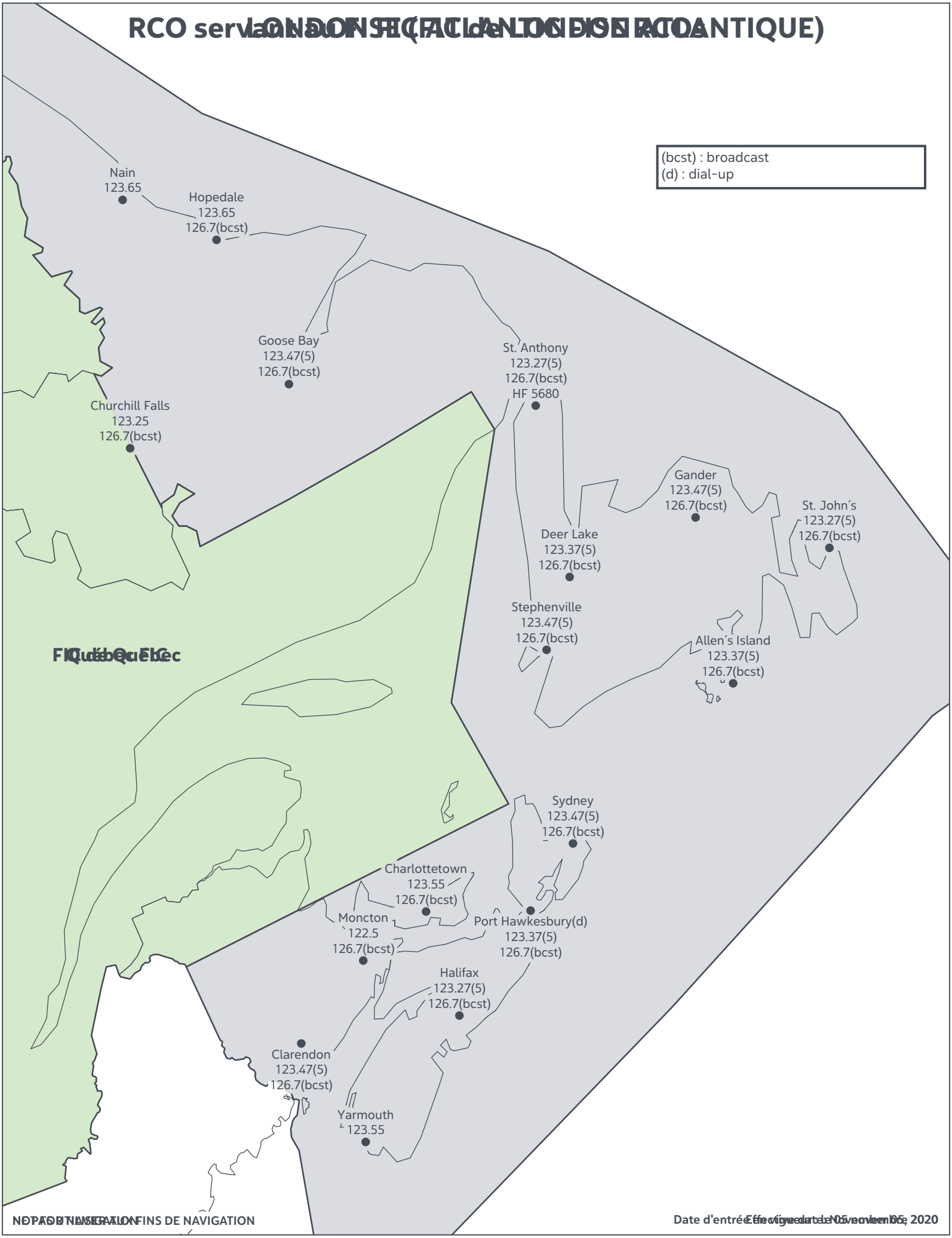
(bcst) : broadcast
(d) : dial-up

NOT FOR NAVIGATION / PAS POUR FINS DE NAVIGATION

Date d'entré Effective date: October 12, 2017


RC ARCTIC FISE RCOs UE
(bcst) : broadcast
(d) : dial-up
Resolute Bay
126.7
HF 5680
Sachs Harbour
123.55
126.7(bcst)
Ulukhaktok/Holman
123.47(5)
126.7(bcst)
Inuvik
123.37(5)
126.7(bcst)
HF 5680
Pond Inlet
123.27(5)
126.7(bcst)
Dewar Lakes
123.55
126.7(bcst)
Taloyoak
123.55
126.7(bcst)
Cambridge Bay
123.25
126.7(bcst)
Hall Beach
123.27(5)
126.7(bcst)
Fort Good Hope
123.55
126.7(bcst)
Kugluktuk
123.15
126.7(bcst)
Iqaluit
123.27(5)
126.7(bcst)
HF 5680
Norman Wells
123.27(5)
126.7(bcst)
Cape Dorset
123.37(5)
126.7(bcst)
Ekati
123.27(5)
126.7(bcst)
Baker Lake
122.37(5)
126.7(bcst)
HF 5680
Coral Harbour
123.27(5)
126.7(bcst)
Fort Simpson
123.47(5)
126.7(bcst)
Yellowknife
123.37(5)
126.7(bcst)
HF 5680
Rankin Inlet
123.55
126.7(bcst)
Hay River
123.27(5)
126.7(bcst)
Fort Smith
123.55
NOT FOR NAVIGATION
NE PAS UTILISER AUX FINS DE NAVIGATION
Date d'entrée en vigueur : May 24 2018

RCO service area (ATLANTIC OCEAN REGION)

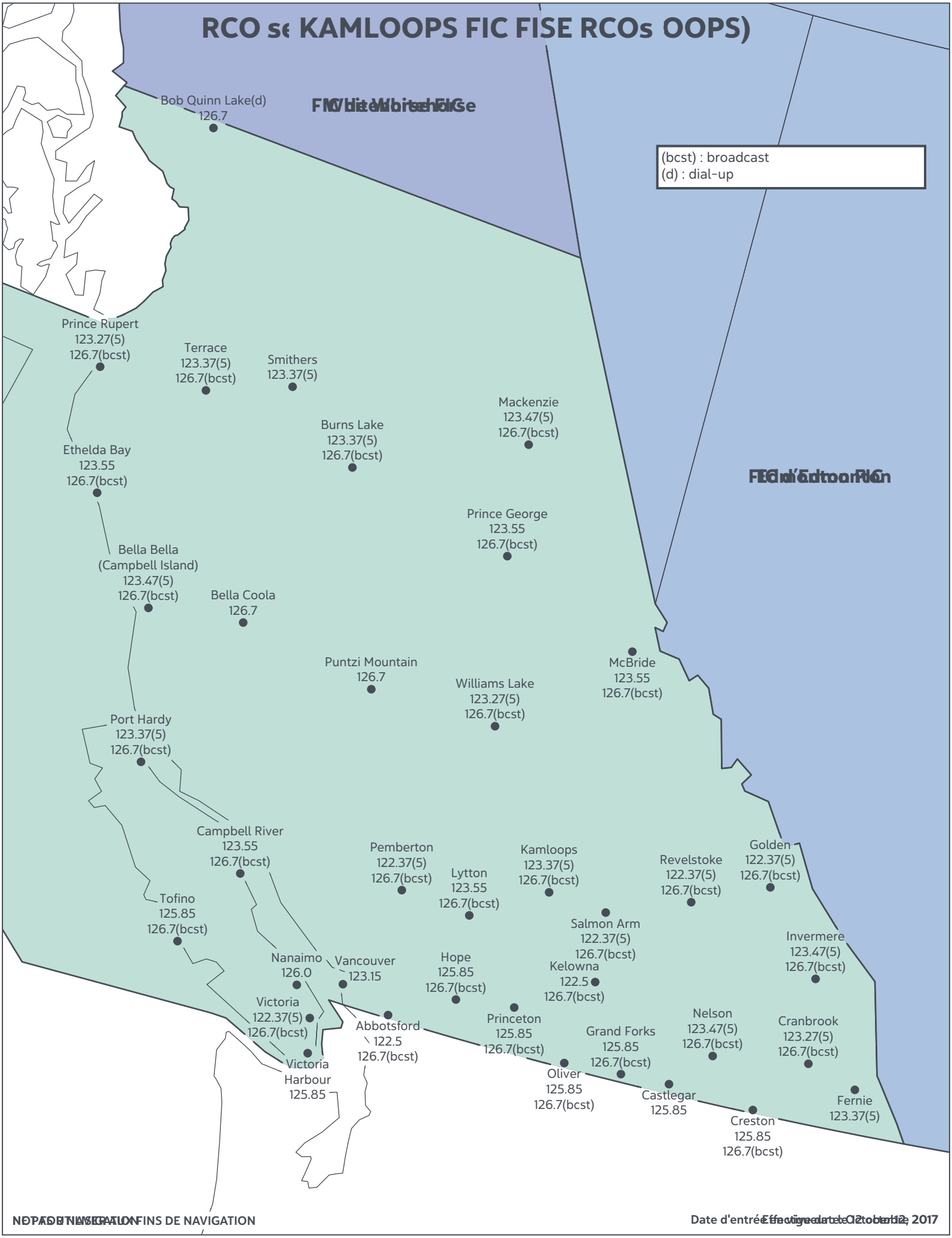


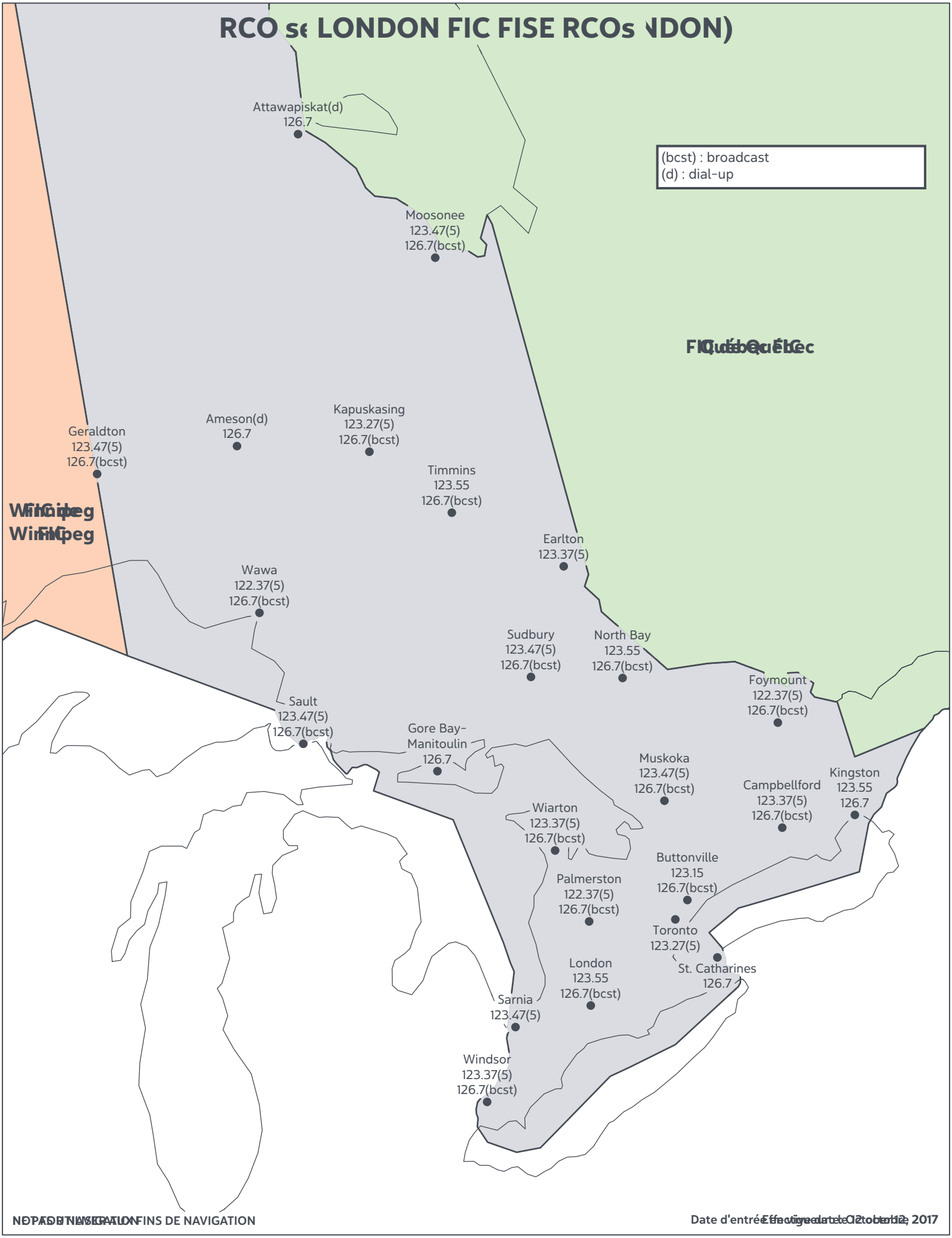
NOT FOR NAVIGATION

NE PAS UTILISER À DES FINS DE NAVIGATION

Date d'entrée en vigueur : 05 novembre 2020

Effective date: November 05, 2020


RCO se KAMLOOPS FIC FISE RCOs OOPS)
(bcst) : broadcast
(d) : dial-up
Bob Quinn Lake(d)
126.7
Prince Rupert
123.27(5)
126.7(bcst)
Terrace
123.37(5)
126.7(bcst)
Smithers
123.37(5)
Burns Lake
123.37(5)
126.7(bcst)
Mackenzie
123.47(5)
126.7(bcst)
Ethelda Bay
123.55
126.7(bcst)
Prince George
123.55
126.7(bcst)
Bella Bella
(Campbell Island)
123.47(5)
126.7(bcst)
Bella Coola
126.7
Puntzi Mountain
126.7
McBride
123.55
126.7(bcst)
Williams Lake
123.27(5)
126.7(bcst)
Port Hardy
123.37(5)
126.7(bcst)
Campbell River
123.55
126.7(bcst)
Pemberton
122.37(5)
126.7(bcst)
Lytton
123.55
126.7(bcst)
Kamloops
123.37(5)
126.7(bcst)
Revelstoke
122.37(5)
126.7(bcst)
Golden
122.37(5)
126.7(bcst)
Tofino
125.85
126.7(bcst)
Salmon Arm
122.37(5)
126.7(bcst)
Invermere
123.47(5)
126.7(bcst)
Nanaimo
126.0
Vancouver
123.15
Hope
125.85
126.7(bcst)
Kelowna
122.5
126.7(bcst)
Victoria
122.37(5)
126.7(bcst)
Abbotsford
122.5
126.7(bcst)
Princeton
125.85
126.7(bcst)
Nelson
123.47(5)
126.7(bcst)
Cranbrook
123.27(5)
126.7(bcst)
Grand Forks
125.85
126.7(bcst)
Victoria
Harbour
125.85
Oliver
125.85
126.7(bcst)
Castlegar
125.85
Fernie
123.37(5)
Creston
125.85
126.7(bcst)
NOT FOR NAVIGATION
NE PAS UTILISER AUX FINS DE NAVIGATION
Date d'entrée en vigueur : October 12, 2017



NOT FOR NAVIGATION PAS POUR LA NAVIGATION

FINS DE NAVIGATION

Date d'entrée en vigueur : October 12, 2017

RCO s QUÉBEC FIC FISE RCOs ÉBEC)

Voir Se ARCTIQUE FISE RCOs ARCTIQUE

Cape Dorset	122.37(5), 126.7(bcst)
Dewar Lakes	123.55, 126.7(bcst)
Iqaluit	123.27(5), 126.7(bcst), HF 5680
Pond Inlet	123.55, 126.7(bcst)

(bcst) : broadcast
(d) : dial-up

Salluit(d)
126.7

Kangiqsujuaq(d)
123.47(5)
126.7(bcst)

Kangirsuk(d)
126.7

Puvirnituq
123.27(5)
126.7(bcst)

Kuujjuaq
123.27(5)
126.7(bcst)
HF 5680

Inukjuak
123.55
126.7(bcst)

Kuujjuarapik
123.47(5)
126.7(bcst)
HF 5680

Schefferville
123.47(5)
126.7(bcst)

Brisay
123.27(5)
126.7(bcst)

Wabush
123.37(5)
126.7(bcst)

La Grande-4(d)
123.55
126.7(bcst)

La Grande
123.37(5)
126.7(bcst)

St-Augustin
119.57(5)
126.7(bcst)

Natashquan
123.85
126.7(bcst)

Sept-Îles
123.27(5)
126.7(bcst)

Gaspé
123.47(5)
126.7(bcst)

Îles-de-la-Madeleine
123.55
126.7(bcst)

Nemiscau
123.27(5)
126.7(bcst)

Mont-Joli
123.37(5)
126.7(bcst)

Bonaventure(d)
123.55

Chibougamau
123.37(5)
126.7(bcst)

Roberval
123.55
126.7(bcst)
HF 5680

Matagami
123.55
126.7(bcst)

Bathurst
123.47(5)
126.7(bcst)

Grand Falls/
St. Leonard(d)
126.7

Québec
123.27(5)
126.7(bcst)

Val-d'Or
122.37(5)
126.7(bcst)

La Tuque
123.47(5)
126.7(bcst)

Rouyn
123.47(5)
126.7(bcst)

Mont-Laurier
123.47(5)

Mont-Mégantic
123.25
126.7(bcst)

Montréal
123.55
126.7(bcst)

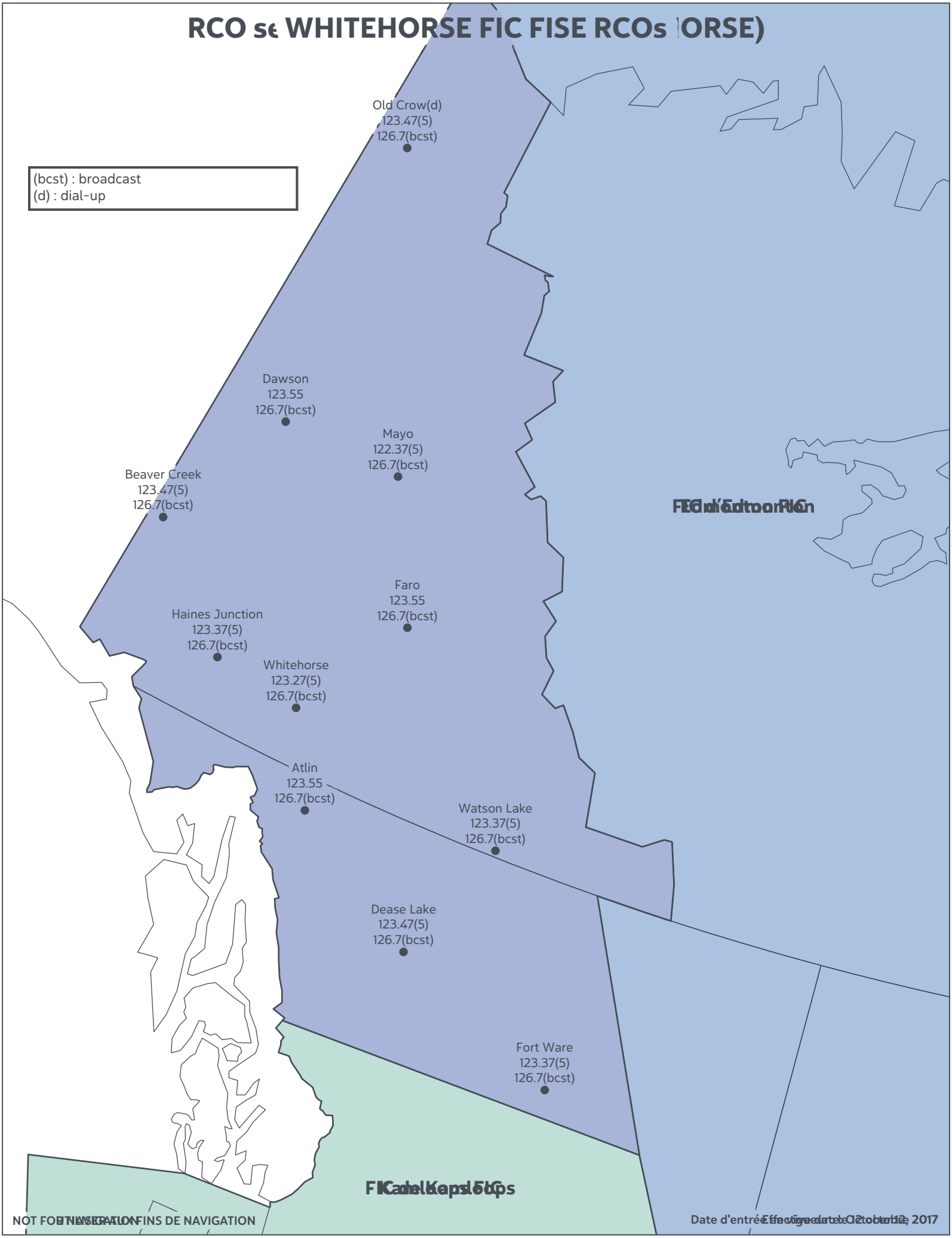
Gatineau
123.37(5)

Ottawa
123.15
126.7(bcst)

NOT FOR NAVIGATION NS DE NAVIGATION

Date d'entrée en vigueur : 24 mai 2018

RCO se WHITEHORSE FIC FISE RCOs ORSE)

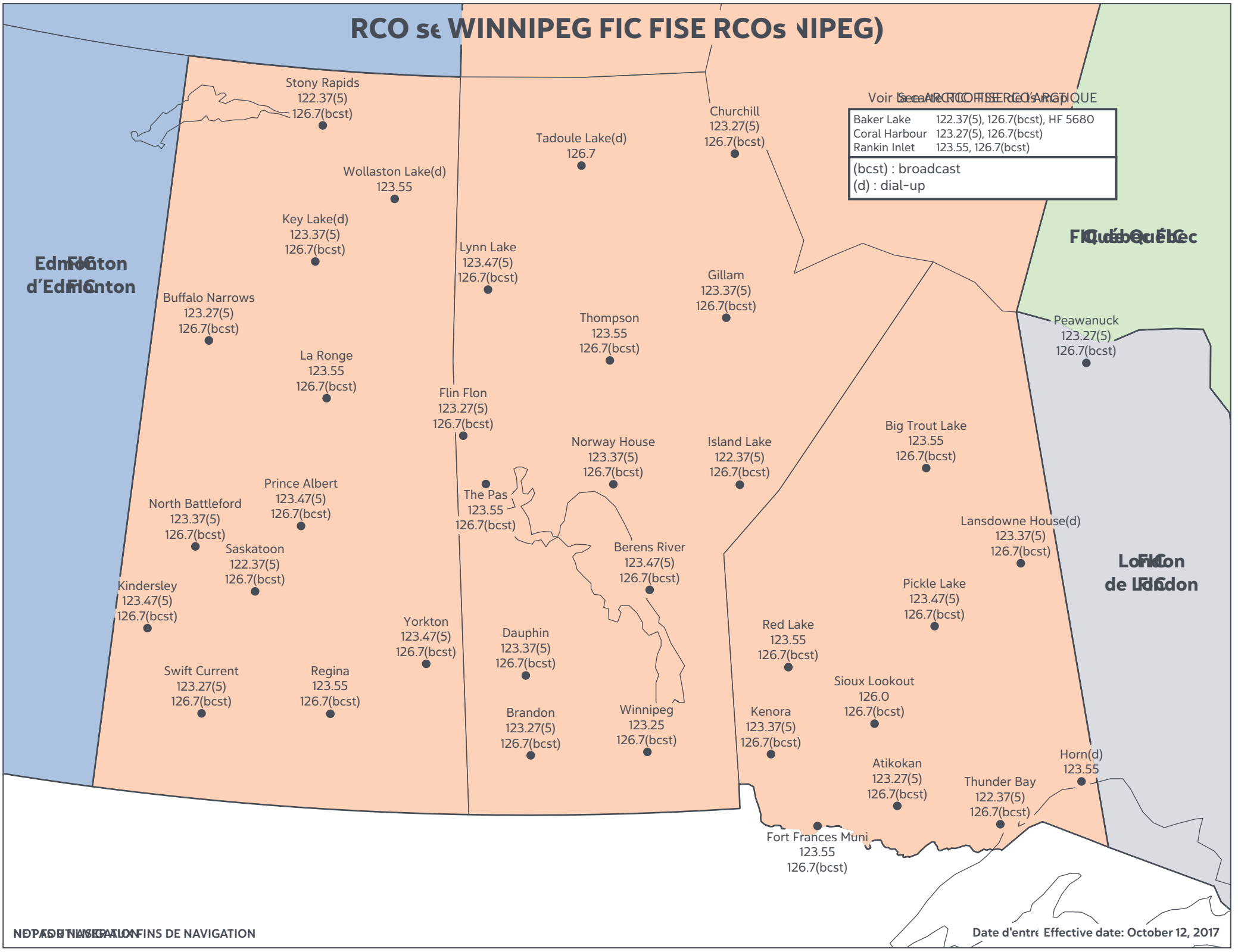


NOT FOR NAVIGATION PURPOSES

NE PAS UTILISER À DES FINS DE NAVIGATION

Date d'entrée en vigueur : 12 octobre 2017

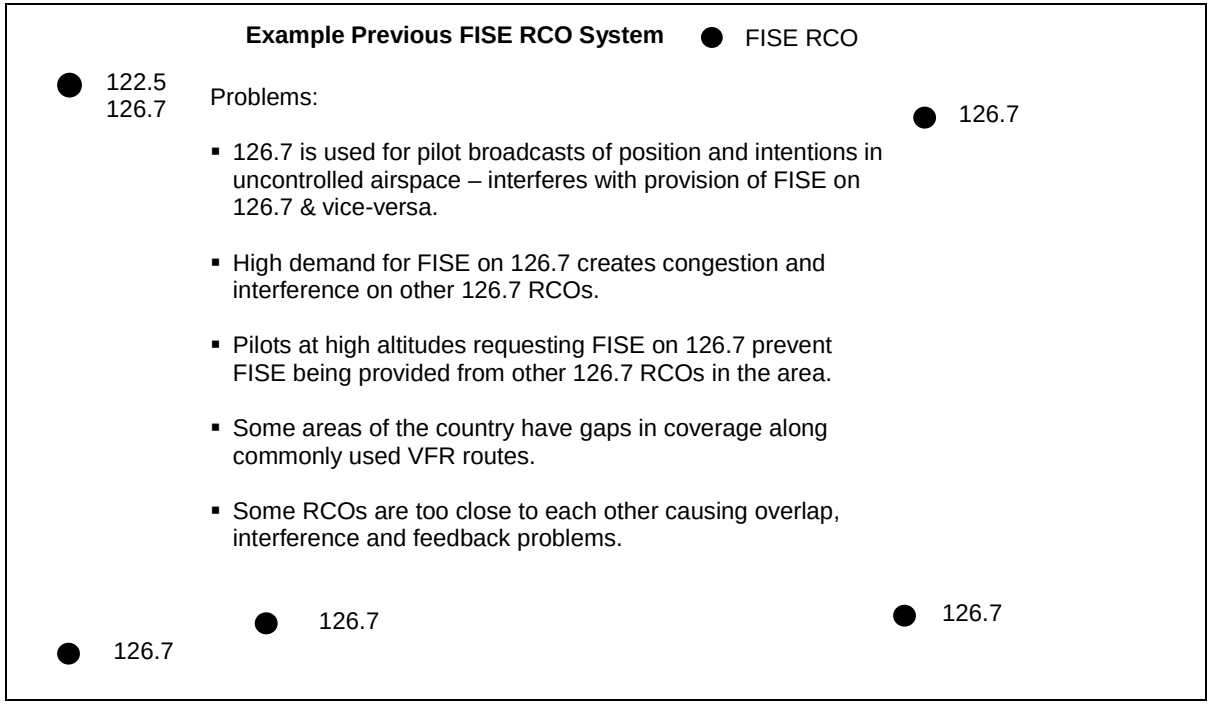
RCO se WINNIPEG FIC FISE RCOs NIPEG)

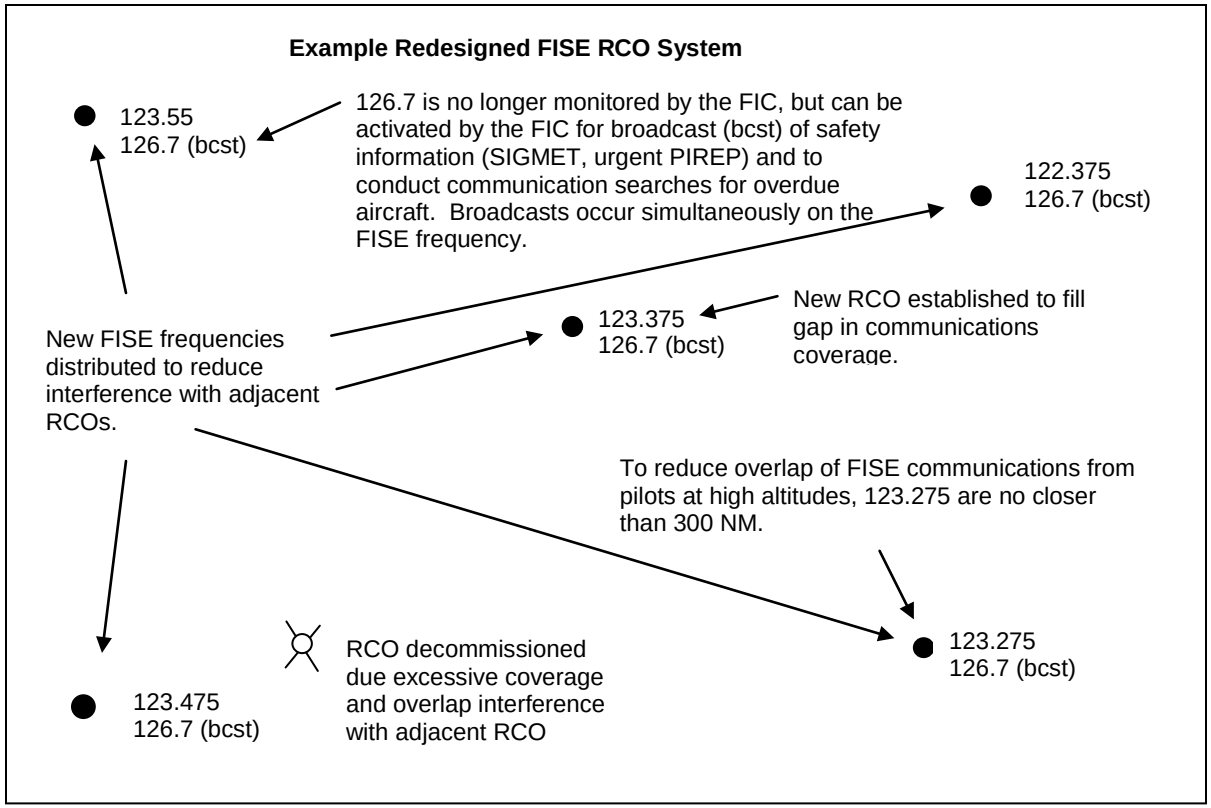


NOT FOR NAVIGATION PURPOSES

NE PAS UTILISER À DES FINS DE NAVIGATION

Date d'entr Effective date: October 12, 2017





NAV CANADA

FISE RCO System

A Flight Information Service Enroute (FISE) Remote Communications Outlet (RCO) uses VHF transmitters/receivers to provide a remote communications link between pilots and flight service specialists, at a Flight Information Centre (FIC) facility, who provide the following services:

- FISE, which includes the provision of aviation weather information, NOTAMs, accepting/updating flight plans, position reports and pilot reports (PIREPs);
- Aeronautical broadcast service, which consists of broadcasting information that could impact flight safety but may not have been available to a pilot prior to take-off such as SIGMETs and urgent PIREPs;
- Communication searches by flight service specialists to determine the status of an overdue aircraft; and
- Relay IFR clearances, wind and altimeter information to conduct an instrument approach and special VFR authorizations at aerodromes within control zones.

What were the Problems?

In most areas of the country FISE services were provided on one frequency, 126.7 MHz. This is also the frequency designated for use by pilots (both VFR & IFR) to broadcast their position and intentions while operating in uncontrolled airspace. In some areas of the country, a large demand for FISE service in combination with high levels of pilot 'position and intention' broadcasts resulted in frequency congestion and interference on 126.7 MHz. This has an impact on the safety of flight operations. In addition, some RCOs were close enough that they interfered with each other or resulted in coverage overlap while in some areas of the country there were large gaps in RCO coverage.

What were the Solutions?

To resolve the safety concerns and to improve the overall provision of flight information service, NAV CANADA redesigned the RCO system as follows:

- Five frequencies dedicated to FISE (122.375, 123.275 MHz, 123.375 MHz, 123.475 MHz and 123.55 MHz) were established at most RCO locations. In some locations these frequencies were not compatible and others were chosen. Note that radios do not need to display to three decimals to use these new frequencies. For instance 123.275 = 123.27 (See TC AIM – COM 5.3).

- RCO's were sited approximately 220 NM apart, along airways, air routes and VFR flyways. The 220 NM separation guideline was based on a requirement for a pilot to get a weather information update once every hour while flying an aircraft at 3,000 feet above ground at 120 knots. In mountainous areas spacing of RCOs will be closer in order to meet coverage requirements for VFR flyways in valleys. In areas of high demand extra RCOs were established or retained.

- Except at the few sites that continue to use 126.7 MHz for FISE, FIC flight service specialists will no longer monitor 126.7 MHz. However, 126.7 MHz communications were retained at most RCO sites and flight service specialists can selectively activate the 126.7 MHz RCO transceiver when required in order to provide the aeronautical broadcasting service (safety messages such as SIGMET, urgent PIREP) and to conduct communication searches for overdue aircraft. When the 126.7 MHz transceiver is selected the FISE transceiver is activated also for simultaneous broadcast on both frequencies. RCO sites with this configuration for 126.7 MHz will be published in the CFS and on charts as "**126.7 (bcst)**".

- At sites where lower traffic levels and less demand for FISE permitted, 126.7 MHz is used to provide both FISE and aeronautical broadcasts.

- Some new RCOs were installed and some were decommissioned in order to provide more uniform and effective enroute communications coverage.

Status?

Changes to the RCO system began in 2006 and were completed in 2014. The NAV CANADA web site includes a series of maps that indicate each FIC area of responsibility and the FISE RCOs under their control. These maps and RCO lists are reproduced in the **Canada Flight Supplement (CFS) in the Planning Section (C)** just before the VFR Chart Updating Data information. RCO locations and frequencies are also indicated on VFR and IFR navigation charts and in the CFS Aerodrome/Facility section under COMM for aerodromes where an RCO is sited.

Communication Practices

To help reduce frequency congestion/interference and improve coordination between pilots and enhance the provision of flight information services, pilots should apply the following communication practices:

- Pilots should monitor 126.7 MHz when in uncontrolled airspace and broadcast their position and intentions on this frequency when VFR or IFR so they can co-ordinate their flight with other aircraft. Any pilot-to-pilot communications not for this purpose should be conducted on 122.75 MHz (within the Canadian Southern Domestic Airspace) or 123.45 MHz (within the Northern Domestic Airspace and the North Atlantic).

- For FISE, on initial contact with the FIC pilots should state the name of the FIC controlling the RCO, the aircraft identification and the name of the location of the RCO followed by the individual letters R-C-O in a non-phonetic form.

  Example: HALIFAX RADIO, GOLF ALPHA BRAVO CHARLIE ON THE MONCTON R-C-O.

For additional information on the RCO System including RCO maps and this Brochure, visit the NAV CANADA web site www.navcanada.ca under **PRODUCTS & SERVICES** / **Flight Planning** / **Other Resources /** RCO Maps

Contact Us

Send your feedback or questions to service@navcanada.ca or call 1-800-876-4693.