

# AERONAUTICAL INFORMATION CIRCULAR 31/22

## NAVAID MODERNIZATION PROGRAM: PHASE 9

NAV CANADA, the country's provider of civil air navigation services, conducted an aeronautical study that reviewed the requirements for non-directional beacons (NDBs) and very-high frequency (VHF) omnidirectional ranges (VORs).

The study concluded that given the comprehensive radar surveillance coverage, and the capabilities of area navigation (RNAV) with global navigation satellite system (GNSS) equipped aircraft, many navigation aids (NAVAIDs) are no longer required and should be decommissioned.

Where a current NAVAID identified in the study serves as an instrument approach aid or anchors an airway segment, NAV CANADA will ensure that an RNAV (GNSS) instrument approach procedure (IAP) or RNAV airway segment is published, where required, before the identified NAVAID is removed.

Implementation is ongoing and will progress for the next several years. The ninth phase is described below. Subsequent aeronautical information circulars (AICs) will be published for each upcoming phase.

### Phase 9:

Indicator	NAVAID Facility Name
QL	Lethbridge NDB
ZET	Edmonton (Devon) NDB
ZZD	Edmonton (Calmar) NDB
ZAB	Edmonton (Leduc) NDB
ZMM	Montreal/Mirabel (Joly) NDB
ZMX	Montreal/Mirabel (Janvier) NDB
ZMR	Montreal/Mirabel (Hermas) NDB
BV	Quebec (Champlain) NDB
QB	Quebec NDB
ZEM	Eastmain NDB
YIF	St. Augustine NDB
ZXS	Prince George (Northwood) NDB
XS	Prince George NDB
YAG	Fort Frances NDB
ZQT	Thunder Bay (Superior) NDB
BM	Winnipeg (Balmoral) NDB
ZWG	Winnipeg (Stoney) NDB
LF	Winnipeg (La Salle) NDB
YQD	The Pas VOR
YSP	Marathon VOR
YMS	Mans VOR

Indicator	NAVAID Facility Name
YZY	Toronto (Queensway) NDB
YEE	Midland VOR

**Phase 9 will take effect on 29 December 2022 at 0901Z Coordinated Universal Time (UTC).** The appropriate aeronautical publications will be amended.

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