

TRANSITION TO ICAO NOTAM – EXTERNAL TRANSITION PLAN

On October 10th, 2019, NAV CANADA will transition to the ICAO NOTAM format. This change will have an impact on external stakeholders including Air Navigation Service Providers (ANSPs), airlines, and aeronautical service providers.

This document provides a high level summary of the planned transition activities and timelines prior to, during, and immediately after the transition date. This plan includes the activities that impact external stakeholders.

This document is organized as follows:

- Transition Plan for External Stakeholders
- Timeline for External Stakeholders
- Fallback Contingency Plan



The activities in this document relate to Canadian NOTAMN, NOTAMR and NOTAMC only. The creation and maintenance of NOTAMJ (Runway Surface Condition reports) will remain unchanged throughout the transition process.

Transition Plan for External Stakeholders

Depending on the level of interaction with Canadian NOTAMs, the impacts of the transition will differ for each stakeholder. Table 1 – Transition Impact to Stakeholders describes the expected impact for common stakeholder types.

Table 1 - Transition Impact to Stakeholders

Stakeholder Types	Summary of impact
NOTAM originators	<p>Users who create NOTAMs will need to provide the required information to complete the Q-line. For example, provide the lower and upper limits, the center coordinates as well as the radius of the area of influence.</p> <p>A briefing on the ICAO NOTAM format and a Guide for Canadian NOTAM originators will be provided on the NAV CANADA website.</p>
Data integrators, flight information service providers, governmental organizations and ANSPs who receive Canadian NOTAMs in <u>ICAO NOTAM format</u> via AFTN.	<p>The NOTAM series will change.</p> <p>Existing NOTAMs in ICAO NOTAM format will be transferred to new NOTAM Series. NOTAM continuity number will differ.</p>
Data integrators, flight information service providers, governmental organizations and ANSPs who receive NOTAMs in <u>Canadian domestic NOTAM format</u> via AFTN.	<p>The unique Canadian domestic NOTAM format will be discontinued. Systems that consume and parse Canadian NOTAM domestic format will need to parse NOTAMs in ICAO NOTAM format.</p> <p>Users will subscribe to the NOTAM Series applicable to their operational requirements. Information on Series, NOTAM Regions and dissemination categories can be found in the AIP Canada (ICAO) GEN section dated October 10, 2019. The AIP will be available in advance.</p> <p>ICAO NOTAM subscriptions will be based on NOTAM Series rather than NOTAM Files.</p> <p>RSC reports will remain unchanged, and their subscriptions will continue to be based on NOTAM files.</p>
Flight training organizations and publishers who publish or relay information related to Canadian NOTAM policy.	<p>Training content and publications will require changes to reflect the transition to ICAO NOTAM format.</p>
General aviation pilots and NOTAM users who read NOTAMs in Canadian domestic NOTAM format from the NAV CANADA Website.	<p>The NOTAM format and lookup method will change. Filters will provide a more robust retrieval mechanism</p> <p>The NOTAM file concept previously used to retrieve NOTAMs will no longer apply. The new NOTAM recall functionality will use geographical coordinates and area of influence fields to provide georeferenced NOTAM recall.</p> <p>NOTAM and NOTAMJ recall will no longer be available for users who retrieve Canadian NOTAM from the Aviation Weather Website</p>

	(AWWS). These stakeholders will be directed to use the updated Collaborative Flight Planning Service (CFPS) .
Pilots and NOTAM users who read NOTAMs using a third party (non-NAV CANADA) system.	The level and type of impact will depend on the system being used to filter and read ICAO NOTAM.

Timeline for External Stakeholders

In preparation for the change, internal transition activities (transparent to external stakeholders) will begin in the months preceding the transition date. However, starting on October 9th, 2019, all external stakeholders who have a subscription(s) to the new ICAO NOTAM series will experience changes resulting from the transition process. Table 2 – Transition Timeline for External Stakeholders provides a summary of what stakeholders can expect during the transition.

Table 2 - Transition Timeline for External Stakeholders

Date (2019)	Area of Impact	Description of Activities
October 9	Distribution of ICAO NOTAM from NAV CANADA to subscribing stakeholders	<p>Within 24 hours preceding the transition date, NAV CANADA will transmit all NOTAM (in order of sequence) from the new Canadian ICAO NOTAM database to external stakeholders.</p> <p>Stakeholders will receive all ICAO NOTAMs from the series letters to which they are subscribed, starting at 0001. This bulk distribution will also include ICAO NOTAM that were cancelled or replaced in the previous 2 months.</p> <p>All active ICAO ICAO NOTAM will have a start date (Item B) of 1910100901 (YYMMDDHHMM).</p>
October 10	At 0901Z, the new NOTAM series and ICAO NOTAM format come into effect	<p>The operational transition to the ICAO NOTAM format occurs on October 10 at 0901Z. At this time, NAV CANADA operations will use the ICAO NOTAM format and new ICAO NOTAM series.</p> <p>The new ICAO NOTAM series will become effective on October 10 at 0901 UTC. External stakeholders will be advised to use the new format and series and to discontinue use of the Canadian domestic NOTAM format and the previous NOTAM series (A, B, W, X, Y, and Z).</p>

		<p>NOTAM and NOTAMJ recall will no longer be available for users who retrieve Canadian NOTAM from the Aviation Weather Website (AWWS). These stakeholders will be directed to use the updated Collaborative Flight Planning Service (CFPS).</p> <p>New query/response syntax will be in effect for users receiving their NOTAM via AFTN. The query/response is described in the AIP Canada (CAO) GEN section.</p>
October 10 -13	Parallel creation and maintenance of NOTAM	<p>To ensure a stable and safe environment and smooth transition, Canadian NOTAM will continue to be updated and disseminated in domestic NOTAM format and ICAO NOTAM format using series A,B,W,X,Y, and Z. This will occur in parallel with the distribution of the new ICAO NOTAM series.</p> <p>External stakeholders are advised to display and brief only ICAO NOTAM present in the new series.</p>
October 13	Cancel active Canadian domestic NOTAM	<p>The Canadian NOTAM Office will begin the process of cancelling all active Canadian domestic NOTAM that exist in Canadian domestic format and ICAO NOTAM series A,B,W,X,Y and Z.</p>

Fallback Contingency Plan

The transition has been designed so that fallback to previous operations will be possible until October 13th when the Canadian domestic NOTAM will be cancelled.

In the event that a fallback to the domestic NOTAM format is required, the following communications will be sent:



- AFTN message to Canadian NOTAM subscribers
- An email to the ICAO NOTAM stakeholder contact list
- An update on the NAV CANADA webpage

Additional information on the transition to ICAO NOTAM format can be found in the [Aeronautical Information Circular 19/19](#). For questions or comments about this transition and timeline plan for external stakeholders, send an email to: icaonotam@navcanada.ca