Inuktitut Language Reference Label Generation Rules for Second-Level Domain Names

1. Overview

This document specifies a set of Label Generation Rules (LGR) for Inuktitut language in Québec and Canada using a Unified Canadian Aboriginal Syllabics Script known as UCAS or CANS for the second level domain.

This LGR is designed to be used in a zone that caters to French IDNs. This LGR includes features that allow its use in the context of a French LGR in the same zone.

The formal specification of the Inuktitut LGR can be found in the accompanying XML document:

> proposed-lgr-second-level-inuktitut-language-12sep24-en.xml

2. Language and Script for which the LGR is proposed

ISO 639 Code of the Langage: iu-Cans
ISO 639 English Name of the Language: Inuktitut
Native Name of the Language: ᐃᓄᒃᑎᑐᑦ
EGIDS Scale[1]: 2 - Regional

ISO 15924 Code: Cans
ISO 15924 English Name: Unified Canadian Aboriginal Syllabics

Unicode version 15.1 code point ranges included in this proposal:
> UCAS   1400-167F
> UCAS Extended A   11AB0 – 11ABF

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[1] https://en.wikipedia.org/wiki/Expanded_Graded_Intergenerational_Disruption_Scale

Unicode version 15.1 code point ranges excluded in this proposal:
        UCAS Extended   Range 18B0 – 18FF

3. Background

The UCAS script is a script primarily used by First Nations and Inuit in Canada. It is a unique writing system structured around representing syllables.
The Inuit language spoken in Canada is often designated by the name of the language as pronounced in each region. For example, "Inuktitut" in much of Nunavut, "Inuttitut" in Nunavik, and "Inuttut" in Labrador. Inuit Tapiriit Kanatami, the organization representing Inuit in Canada, has proposed the term "Inuktut" to encompass all the varieties spoken in Canada.

The Inuktitut Language Reference LGR includes the Syllabics Unicode code points for 7 specific Inuit dialects located in Canada.

The dialects of Inuktitut that use syllabics are:
        Aivilingmiutut (ᐊᐃᕕᓗᖕᒥᐅᑐᑦ)
        Nattilingmiutut (ᓇᖅᖠᓕᖕᒥᐅᑐᑦ)
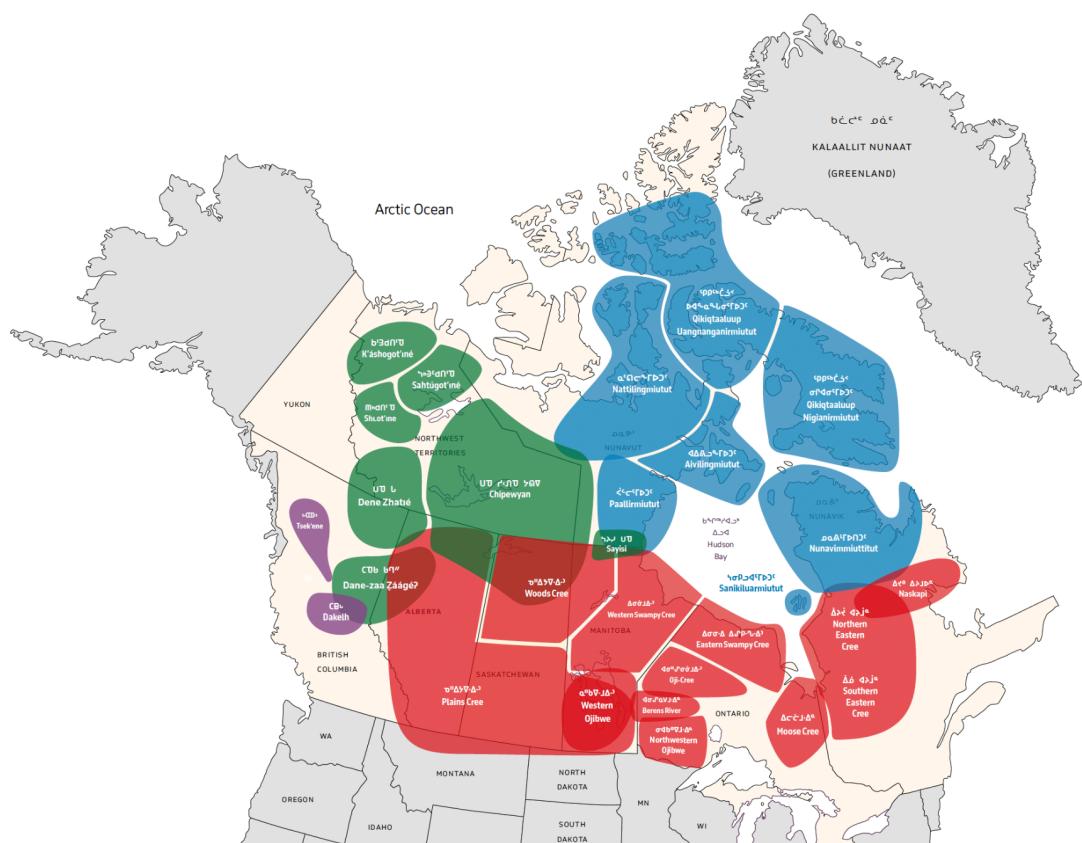   Nunavimmiutitut (ᓄᓇᕕᒻᒥᐅᑎᑐᑦ)
        Paallirmiutut (ᐹᓪᓕᕐᒥᐅᑐᑦ)
        Qikiqtaaluup Nigianirmiutut (�ᑭᑭᖅᑖᓗᑉ ᓂᒋᐊᓂᕐᒥᐅᑐᑦ)
        Qikiqtaaluup Uangnanganirmiutut (�ᑭᑭᖅᑖᓗᑉ ᐅᐊᖕᓇᖕᒐᓂᕐᒥᐅᑐᑦ)
        Sanikiluarmiutut (ᓴᓂᑭᓗᐊᕐᒥᐅᑐᑦ)

Arctic Ocean

ᑲᑖᒡᓕᒃ ᓄᓈᑦ
KALAALLIT NUNAAT
(GREENLAND)

ᑲᑦᔲᑦᐁᑦᖭ
Kʼáshogotʼiné

�ᐃᒡᑎᖭ
Sahtúgotʼiné

ᒦᐱᓇᓐᑎᖭ
Shₒotʼine

YUKON

NORTHWEST
TERRITORIES

ᑌᑎ ᓚ
Dene Zhatié

ᑌᑎ ᓱᓐᑎ ᖬᖮ
Chipewyan

ᐸᒌ
Tsekʼene

NUNAVUT

ᖃᑭᖅᑖᓗᑉ
Qikiqtaaluup
Uangnanganirmiutut

ᓇᑦᑎᓕᖕᒥᐅᑐᑦ
Nattilingmiutut

ᖃᑭᖅᑖᓗᑉ
ᓂᒋᐊᓂᕐᒥᐅᑐᑦ
Qikiqtaaluup
Nigianirmiutut

ᐊᐃᕕᓕᖕᒥᐅᑐᑦ
Aivilingmiutut

ᐹᓪᓕᕐᒥᐅᑐᑦ
Paallirmiutut

ᓄᓇᕕᒃ

ᓄᓇᕕᒻᒥᐅᑎᑐᑦ
Nunavimmiutitut

ᐁᒃᑲ ᑖᖮ
Dane-zaa Záágé?

ᑕᖭ
Dakelh

CⒷ
Dakelh

ᓀᐅᑎ ᓚ
Sayisi

ᑕᓄᐊᐁᒥᐁᐈᒋ
ᐁᒥᒡ
Hudson
Bay

ᓴᓂᑭᓗᐊᕐᒥᐅᑐᑦ
Sanikiluarmiutut

ᓇᔅᑳᐱ
Naskapi

ᐁᑳᒥᒡ ᐁᐈᑎᑐᖮ
Eastern Swampy Cree

ᐁᒋᒡᐁᑎᖮ
Western Swampy Cree

ᐃᑎ ᐁᑲᔲᓐᑎᖮ
Oji-Cree

ᐊᐈᑐᖬᐈ
Berens River

ᓇᓐᖮ
Northern
Eastern
Cree

ᐁᒃ ᐊᔲᖬ
Southern
Eastern
Cree

ᑕᐃᒥᒡᒡᐁᑎᖮ
Woods Cree

ᐈᑳᐈᐁᑎᖮ
Western
Ojibwe

ᐁᒃᑎᐈᐁᑎᖮ
Northwestern
Ojibwe

ᑕᒡᐁᔲᐁᑎᖮ
Plains Cree

ᑕᒡᒡᐁᑎᖮ
Moose Cree

ALBERTA
BRITISH COLUMBIA
SASKATCHEWAN
MANITOBA
ONTARIO
WA
OREGON
IDAHO
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
MN
WI

❶ INUKTUT SYLLABICS

- ᖃᑭᖅᑖᓗᑉ ᐅᐊᖕᓇᖕᓇᓂᕐᒥᐅᑐᑦ
  (Qikiqtaaluup Uangnanganirmiutut)

- ᐊᐃᕕᓕᖕᒥᐅᑐᑦ
  (Aivilingmiutut)

- ᐹᓪᓕᕐᒥᐅᑐᑦ
  (Paallirmiutut)

- ᖃᑭᖅᑖᓗᑉ ᓂᒋᐊᓂᕐᒥᐅᑐᑦ
  (Qikiqtaaluup Nigianirmiutut)

- ᓄᓇᕕᒻᒥᐅᑎᑐᑦ
  (Nunavimmiutitut)

- ᓴᓂᑭᓗᐊᕐᒥᐅᑐᑦ
  (Sanikiluarmiutut)

- ᓇᑦᑎᓕᖕᒥᐅᑐᑦ
  (Nattilingmiutut)

❷ ALGONQUIAN SYLLABICS

- ᐃᑖᑲᒥᐁ
  (Moose Cree)

- ᐁᓇ ᐊᔲᖬᐈ
  (Southern East Cree)

- ᓇᓐᖮ ᐊᔲᖬ
  (Northern East Cree)

- ᓇᔅᑳ ᐁᔲᑎᐈ
  (Naskapi)

- ᐊᐅᔲᐊᐁᔲᐁ
  (Ojibway)

- ᐁᒡᒡᐁ ᐁᒥᒡᑭᐈᐁ
  (Eastern Swampy Cree)

- ᐁᒡᒡᐁᑎᖮ
  (Western Swampy Cree)

- ᐊᐅᖬᒡᒡᒡᐁᑎᖮ
  (Oji-Cree)

- ᐁᒃᑭᐈᐁᑎᖮ
  (Western Ojibwe)

- ᑕᒡᐁᔲᐁᑎᖮ
  (Plains Cree)

- ᑕᒡᐁᔲᐁᑎᖮ
  (Woods Cree)

❸ DAKLEH (CARRIER) SYLLABICS

- CⒷ
  (Dakelh) (Carrier)

- ᑕᑎᖮᐈ
  (Nadotʼen)

- ᖬᒡᒡᐈ
  (Witsuwitʼen)

- ᐁᖬᐈ
  (Tsekʼene)

❹ DENE SYLLABICS

- ᑌᑎ ᖬᖮ″
  (Dane-Zaa) (Beaver)

- ᑌᑎ ᓱᓐᑎ ᖬᖮ
  (Chipewyan) (Dënesųtinę́)

- ᓀᐅᔲ ᑌᑎ
  (Saíyısí dëne) (Sayisi Dene)

- ᓀᐅᔲᑎᒡᐈᔲᖮ ᖬᐊ
  (North Slavey) (Sahtúgotʼįné Yatį́)

- ᑌᑎ ᓚ
  (South Slavey) (Dene Kʼe)

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4. Overall Development Process and Methodology

The LGR in this document was developed by the members of the UCAS Script RGP and based on multiple open discussions with experts and the communities.

5. Repertoire

5.1 Included Code Points

The set of code points used in Inuktitut language includes 162 selected code points i.e., 151 syllabics characters, and 11 Hyphen-digits ASCII characters.

#	Code Point	Glyph	Name	Ref
1	U+002D	-	HYPHEN-MINUS	[0], [701]
2	U+0030	0	DIGIT ZERO	[0], [605], [701]
3	U+0031	1	DIGIT ONE	[0], [605], [701]
4	U+0032	2	DIGIT TWO	[0], [605], [701]
5	U+0033	3	DIGIT THREE	[0], [605], [701]
6	U+0034	4	DIGIT FOUR	[0], [605], [701]
7	U+0035	5	DIGIT FIVE	[0], [605], [701]
8	U+0036	6	DIGIT SIX	[0], [605], [701]
9	U+0037	7	DIGIT SEVEN	[0], [605], [701]
10	U+0038	8	DIGIT EIGHT	[0], [605], [701]
11	U+0039	9	DIGIT NINE	[0], [605], [701]
12	U+1401	▽	CANADIAN SYLLABICS E	[400], [601], [602], [603], [604]
13	U+1403	△	CANADIAN SYLLABICS I	[400], [601], [602], [603], [604]
14	U+1404	△̇	CANADIAN SYLLABICS II	[400], [601], [602], [603], [604]
15	U+1405	▷	CANADIAN SYLLABICS O	[400], [601], [602], [603], [604]
16	U+1406	▷̇	CANADIAN SYLLABICS OO	[400], [601], [602], [603], [604]
17	U+140A	◁	CANADIAN SYLLABICS A	[400], [601], [602], [603], [604]
18	U+140B	◁̇	CANADIAN SYLLABICS AA	[400], [601], [602], [603], [604]
19	U+142F	∨	CANADIAN SYLLABICS PE	[400], [601], [602], [603], [604]

#	Code Point	Glyph	Name	Ref
20	U+1431	Λ	CANADIAN SYLLABICS PI	[400], [601], [602], [603], [604]
21	U+1432	Λ̇	CANADIAN SYLLABICS PII	[400], [601], [602], [603], [604]
22	U+1433	>	CANADIAN SYLLABICS PO	[400], [601], [602], [603], [604]
23	U+1434	>̇	CANADIAN SYLLABICS POO	[400], [601], [602], [603], [604]
24	U+1438	<	CANADIAN SYLLABICS PA	[400], [601], [602], [603], [604]
25	U+1439	<̇	CANADIAN SYLLABICS PAA	[400], [601], [602], [603], [604]
26	U+1449	˂	CANADIAN SYLLABICS P	[400], [601], [602], [603], [604]
27	U+144C	∪	CANADIAN SYLLABICS TE	[400], [601], [602], [603], [604]
28	U+144E	∩	CANADIAN SYLLABICS TI	[400], [601], [602], [603], [604]
29	U+144F	∩̇	CANADIAN SYLLABICS TII	[400], [601], [602], [603], [604]
30	U+1450	⊃	CANADIAN SYLLABICS TO	[400], [601], [602], [603], [604]
31	U+1451	⊃̇	CANADIAN SYLLABICS TOO	[400], [601], [602], [603], [604]
32	U+1455	⊂	CANADIAN SYLLABICS TA	[400], [601], [602], [603], [604]
33	U+1456	⊂̇	CANADIAN SYLLABICS TAA	[400], [601], [602], [603], [604]
34	U+1466	˓	CANADIAN SYLLABICS T	[400], [601], [602], [603], [604]
35	U+146B	٩	CANADIAN SYLLABICS KE	[400], [601], [602], [603], [604]
36	U+146D	ρ	CANADIAN SYLLABICS KI	[400], [601], [602], [603], [604]
37	U+146E	ρ̇	CANADIAN SYLLABICS KII	[400], [601], [602], [603], [604]
38	U+146F	ɗ	CANADIAN SYLLABICS KO	[400], [601], [602], [603], [604]
39	U+1470	ɗ̇	CANADIAN SYLLABICS KOO	[400], [601], [602], [603], [604]
40	U+1472	ъ	CANADIAN SYLLABICS KA	[400], [601], [602], [603], [604]
41	U+1473	ъ̇	CANADIAN SYLLABICS KAA	[400], [601], [602], [603], [604]
42	U+1483	Ხ	CANADIAN SYLLABICS K	[400], [601], [602], [603], [604]
43	U+1489	∩	CANADIAN SYLLABICS CE	[400], [601], [602], [603], [604]
44	U+148B	∩	CANADIAN SYLLABICS CI	[400], [601], [602], [603], [604]
45	U+148C	∩̇	CANADIAN SYLLABICS CII	[400], [601], [602], [603], [604]
46	U+148D	⊃	CANADIAN SYLLABICS CO	[400], [601], [602], [603], [604]
47	U+148E	⊃̇	CANADIAN SYLLABICS COO	[400], [601], [602], [603], [604]

#	Code Point	Glyph	Name	Ref
48	U+1490	ᒐ	CANADIAN SYLLABICS CA	[400], [601], [602], [603], [604]
49	U+1491	ᒑ	CANADIAN SYLLABICS CAA	[400], [601], [602], [603], [604]
50	U+14A1	ᒡ	CANADIAN SYLLABICS C	[400], [601], [602], [603], [604]
51	U+14A3	ᒣ	CANADIAN SYLLABICS ME	[400], [601], [602], [603], [604]
52	U+14A5	ᒥ	CANADIAN SYLLABICS MI	[400], [601], [602], [603], [604]
53	U+14A6	ᒦ	CANADIAN SYLLABICS MII	[400], [601], [602], [603], [604]
54	U+14A7	ᒧ	CANADIAN SYLLABICS MO	[400], [601], [602], [603], [604]
55	U+14A8	ᒨ	CANADIAN SYLLABICS MOO	[400], [601], [602], [603], [604]
56	U+14AA	ᒪ	CANADIAN SYLLABICS MA	[400], [601], [602], [603], [604]
57	U+14AB	ᒫ	CANADIAN SYLLABICS MAA	[400], [601], [602], [603], [604]
58	U+14BB	ᒻ	CANADIAN SYLLABICS M	[400], [601], [602], [603], [604]
59	U+14C0	ᓀ	CANADIAN SYLLABICS NE	[400], [601], [602], [603], [604]
60	U+14C2	ᓂ	CANADIAN SYLLABICS NI	[400], [601], [602], [603], [604]
61	U+14C3	ᓃ	CANADIAN SYLLABICS NII	[400], [601], [602], [603], [604]
62	U+14C4	ᓄ	CANADIAN SYLLABICS NO	[400], [601], [602], [603], [604]
63	U+14C5	ᓅ	CANADIAN SYLLABICS NOO	[400], [601], [602], [603], [604]
64	U+14C7	ᓇ	CANADIAN SYLLABICS NA	[400], [601], [602], [603], [604]
65	U+14C8	ᓈ	CANADIAN SYLLABICS NAA	[400], [601], [602], [603], [604]
66	U+14D0	ᓐ	CANADIAN SYLLABICS N	[400], [601], [602], [603], [604]
67	U+14D3	ᓓ	CANADIAN SYLLABICS LE	[400], [601], [602], [603], [604]
68	U+14D5	ᓕ	CANADIAN SYLLABICS LI	[400], [601], [602], [603], [604]
69	U+14D6	ᓖ	CANADIAN SYLLABICS LII	[400], [601], [602], [603], [604]
70	U+14D7	ᓗ	CANADIAN SYLLABICS LO	[400], [601], [602], [603], [604]
71	U+14D8	ᓘ	CANADIAN SYLLABICS LOO	[400], [601], [602], [603], [604]
72	U+14DA	ᓚ	CANADIAN SYLLABICS LA	[400], [601], [602], [603], [604]
73	U+14DB	ᓛ	CANADIAN SYLLABICS LAA	[400], [601], [602], [603], [604]
74	U+14EA	ᓪ	CANADIAN SYLLABICS L	[400], [601], [602], [603], [604]
75	U+14ED	ᓭ	CANADIAN SYLLABICS SE	[400], [601], [602], [603], [604]

#	Code Point	Glyph	Name	Ref
76	U+14EF	ᓯ	CANADIAN SYLLABICS SI	[400], [601], [602], [603], [604]
77	U+14F0	ᓰ	CANADIAN SYLLABICS SII	[400], [601], [602], [603], [604]
78	U+14F1	ᓱ	CANADIAN SYLLABICS SO	[400], [601], [602], [603], [604]
79	U+14F2	ᓲ	CANADIAN SYLLABICS SOO	[400], [601], [602], [603], [604]
80	U+14F4	ᓴ	CANADIAN SYLLABICS SA	[400], [601], [602], [603], [604]
81	U+14F5	ᓵ	CANADIAN SYLLABICS SAA	[400], [601], [602], [603], [604]
82	U+1505	ᔅ	CANADIAN SYLLABICS S	[400], [601], [602], [603], [604]
83	U+1526	ᔦ	CANADIAN SYLLABICS YE	[400], [601], [602], [603], [604]
84	U+1528	ᔨ	CANADIAN SYLLABICS YI	[400], [601], [602], [603], [604]
85	U+1529	ᔩ	CANADIAN SYLLABICS YII	[400], [601], [602], [603], [604]
86	U+152A	ᔪ	CANADIAN SYLLABICS YO	[400], [601], [602], [603], [604]
87	U+152B	ᔫ	CANADIAN SYLLABICS YOO	[400], [601], [602], [603], [604]
88	U+152D	ᔭ	CANADIAN SYLLABICS YA	[400], [601], [602], [603], [604]
89	U+152E	ᔮ	CANADIAN SYLLABICS YAA	[400], [601], [602], [603], [604]
90	U+153E	ᔾ	CANADIAN SYLLABICS Y	[400], [601], [602], [603], [604]
91	U+1543	ᕃ	CANADIAN SYLLABICS R-CREE RE	[400], [601], [602], [603], [604]
92	U+1546	ᕆ	CANADIAN SYLLABICS RI	[400], [601], [602], [603], [604]
93	U+1547	ᕇ	CANADIAN SYLLABICS RII	[400], [601], [602], [603], [604]
94	U+1548	ᕈ	CANADIAN SYLLABICS RO	[400], [601], [602], [603], [604]
95	U+1549	ᕉ	CANADIAN SYLLABICS ROO	[400], [601], [602], [603], [604]
96	U+154B	ᕋ	CANADIAN SYLLABICS RA	[400], [601], [602], [603], [604]
97	U+154C	ᕌ	CANADIAN SYLLABICS RAA	[400], [601], [602], [603], [604]
98	U+1550	ᕐ	CANADIAN SYLLABICS R	[400], [601], [602], [603], [604]
99	U+1553	ᕓ	CANADIAN SYLLABICS FE	[400], [601], [602], [603], [604]
100	U+1555	ᕕ	CANADIAN SYLLABICS FI	[400], [601], [602], [603], [604]
101	U+1556	ᕖ	CANADIAN SYLLABICS FII	[400], [601], [602], [603], [604]
102	U+1557	ᕗ	CANADIAN SYLLABICS FO	[400], [601], [602], [603], [604]
103	U+1558	ᕘ	CANADIAN SYLLABICS FOO	[400], [601], [602], [603], [604]

#	Code Point	Glyph	Name	Ref
104	U+1559	ᕙ	CANADIAN SYLLABICS FA	[400], [601], [602], [603], [604]
105	U+155A	ᕚ	CANADIAN SYLLABICS FAA	[400], [601], [602], [603], [604]
106	U+155D	ᕝ	CANADIAN SYLLABICS F	[400], [601], [602], [603], [604]
107	U+1560	ᕠ	CANADIAN SYLLABICS THI	[400], [601], [602], [603], [604]
108	U+1562	ᕢ	CANADIAN SYLLABICS THII	[400], [601], [602], [603], [604]
109	U+1564	ᕤ	CANADIAN SYLLABICS THO	[400], [601], [602], [603], [604]
110	U+1565	ᕥ	CANADIAN SYLLABICS THOO	[400], [601], [602], [603], [604]
111	U+1566	ᕦ	CANADIAN SYLLABICS THA	[400], [601], [602], [603], [604]
112	U+1567	ᕧ	CANADIAN SYLLABICS THAA	[400], [601], [602], [603], [604]
113	U+157C	ᕼ	CANADIAN SYLLABICS NUNAVUT H	[400], [601], [602], [603], [604]
114	U+157F	ᕿ	CANADIAN SYLLABICS QI	[400], [601], [602], [603], [604]
115	U+1580	ᖀ	CANADIAN SYLLABICS QII	[400], [601], [602], [603], [604]
116	U+1581	ᖁ	CANADIAN SYLLABICS QO	[400], [601], [602], [603], [604]
117	U+1582	ᖂ	CANADIAN SYLLABICS QOO	[400], [601], [602], [603], [604]
118	U+1583	ᖃ	CANADIAN SYLLABICS QA	[400], [601], [602], [603], [604]
119	U+1584	ᖄ	CANADIAN SYLLABICS QAA	[400], [601], [602], [603], [604]
120	U+1585	ᖅ	CANADIAN SYLLABICS Q	[400], [601], [602], [603], [604]
121	U+158F	ᖏ	CANADIAN SYLLABICS NGI	[400], [601], [602], [603], [604]
122	U+1590	ᖐ	CANADIAN SYLLABICS NGII	[400], [601], [602], [603], [604]
123	U+1591	ᖑ	CANADIAN SYLLABICS NGO	[400], [601], [602], [603], [604]
124	U+1592	ᖒ	CANADIAN SYLLABICS NGOO	[400], [601], [602], [603], [604]
125	U+1593	ᖓ	CANADIAN SYLLABICS NGA	[400], [601], [602], [603], [604]
126	U+1594	ᖔ	CANADIAN SYLLABICS NGAA	[400], [601], [602], [603], [604]
127	U+1595	ᖕ	CANADIAN SYLLABICS NG	[400], [601], [602], [603], [604]
128	U+1596	ᖖ	CANADIAN SYLLABICS NNG	[400], [601], [602], [603], [604]
129	U+15A0	ᖠ	CANADIAN SYLLABICS LHI	[400], [601], [602], [603], [604]
130	U+15A1	ᖡ	CANADIAN SYLLABICS LHII	[400], [601], [602], [603], [604]
131	U+15A2	ᖢ	CANADIAN SYLLABICS LHO	[400], [601], [602], [603], [604]

#	Code Point	Glyph	Name	Ref
132	U+15A3	ݨ	CANADIAN SYLLABICS LHOO	[400], [601], [602], [603], [604]
133	U+15A4	ꞔ	CANADIAN SYLLABICS LHA	[400], [601], [602], [603], [604]
134	U+15A5	ꞔ	CANADIAN SYLLABICS LHAA	[400], [601], [602], [603], [604]
135	U+15A6	ᖔ	CANADIAN SYLLABICS LH	[400], [601], [602], [603], [604]
136	U+15A8	ᖈ	CANADIAN SYLLABICS TH-CREE THI	[400], [601], [602], [603], [604]
137	U+15A9	ᖉ	CANADIAN SYLLABICS TH-CREE THII	[400], [601], [602], [603], [604]
138	U+15AA	ᖊ	CANADIAN SYLLABICS TH-CREE THO	[400], [601], [602], [603], [604]
139	U+15AB	ᖋ	CANADIAN SYLLABICS TH-CREE THOO	[400], [601], [602], [603], [604]
140	U+15AC	ᖌ	CANADIAN SYLLABICS TH-CREE THA	[400], [601], [602], [603], [604]
141	U+15AD	ᖍ	CANADIAN SYLLABICS TH-CREE THAA	[400], [601], [602], [603], [604]
142	U+15AE	ᖎ	CANADIAN SYLLABICS TH-CREE TH	[400], [601], [602], [603], [604]
143	U+166F	ᙯ	CANADIAN SYLLABICS QAI	[400], [601], [602], [603], [604]
144	U+1670	ᙰ	CANADIAN SYLLABICS NGAI	[400], [601], [602], [603], [604]
145	U+1671	ᙱ	CANADIAN SYLLABICS NNGI	[400], [601], [602], [603], [604]
146	U+1672	ᙲ	CANADIAN SYLLABICS NNGII	[400], [601], [602], [603], [604]
147	U+1673	ᙳ	CANADIAN SYLLABICS NNGO	[400], [601], [602], [603], [604]
148	U+1674	ᙴ	CANADIAN SYLLABICS NNGOO	[400], [601], [602], [603], [604]
149	U+1675	ᙵ	CANADIAN SYLLABICS NNGA	[400], [601], [602], [603], [604]
150	U+1676	ᙶ	CANADIAN SYLLABICS NNGAA	[400], [601], [602], [603], [604]
151	U+11AB0	☐	CANADIAN SYLLABICS NATTILIK HI	[402], [601], [602], [603], [604]
152	U+11AB1	☐	CANADIAN SYLLABICS NATTILIK HII	[402], [601], [606]
153	U+11AB2	☐	CANADIAN SYLLABICS NATTILIK HO	[402], [601], [606]
154	U+11AB3	☐	CANADIAN SYLLABICS NATTILIK HOO	[402], [601], [606]
155	U+11AB4	☐	CANADIAN SYLLABICS NATTILIK HA	[402], [601], [606]
156	U+11AB5	☐	CANADIAN SYLLABICS NATTILIK HAA	[402], [601], [606]
157	U+11AB6	☐	CANADIAN SYLLABICS NATTILIK SHRI	[402], [601], [606]
158	U+11AB7	☐	CANADIAN SYLLABICS NATTILIK SHRII	[402], [601], [606]
159	U+11AB8	☐	CANADIAN SYLLABICS NATTILIK SHRO	[402], [601], [606]

#	Code Point	Glyph	Name	Ref
160	U+11AB9	□	CANADIAN SYLLABICS NATTILIK SHROO	[402], [601], [606]
161	U+11ABA	□	CANADIAN SYLLABICS NATTILIK SHRA	[402], [601], [606]
162	U+11ABB	□	CANADIAN SYLLABICS NATTILIK SHRAA	[402], [601], [606]

5.2 Excluded Code Points

The following code points associated with the Inuktitut Syllabics in the Unicode UCAS chart have been excluded in the Inuktitut LGR repertoire due to the fact that those code points have never been used, or have not been used in recent.

Ȧ	U+1402	CANADIAN SYLLABICS AAI
Ȧ	U+1430	CANADIAN SYLLABICS PAAI
Ṅ	U+144D	CANADIAN SYLLABICS TAAI
ρ̇	U+146C	CANADIAN SYLLABICS KAAI
ṅ	U+148A	CANADIAN SYLLABICS CAAI
Γ̇	U+14A4	CANADIAN SYLLABICS MAAI
σ̇	U+14C1	CANADIAN SYLLABICS NAAI
ċ	U+14D4	CANADIAN SYLLABICS LAAI
˙ʃ	U+14EE	CANADIAN SYLLABICS SAAI
˙ʌ	U+1527	CANADIAN SYLLABICS YAAI
ṅ	U+1545	CANADIAN SYLLABICS RAAI
δ̇	U+1554	CANADIAN SYLLABICS FAAI
ᕴ	U+1574	CANADIAN SYLLABICS NUNAVIK HE
ᕵ	U+1575	CANADIAN SYLLABICS NUNAVIK HI
ᕶ	U+1576	CANADIAN SYLLABICS NUNAVIK HII
ᕷ	U+1577	CANADIAN SYLLABICS NUNAVIK HO
ᕸ	U+1578	CANADIAN SYLLABICS NUNAVIK HOO
ᕹ	U+1579	CANADIAN SYLLABICS NUNAVIK HA
ᕺ	U+157A	CANADIAN SYLLABICS NUNAVIK HAA
ᕻ	U+157B	CANADIAN SYLLABICS NUNAVIK H
ᕾρ̇	U+157E	CANADIAN SYLLABICS QAAI
ᖎṅ	U+158E	CANADIAN SYLLABICS NGAAI
ᖯ	U+15AF	CANADIAN SYLLABICS AIVILIK B

6. Variants

6.1 In-Script Variants

There is no in-script variant mapping.

6.2 Cross-Script Variants

This LGR is designed to be used in a zone that caters to French IDNs. This LGR includes features that allow its use in the context of a French LGR in the same zone. The variant mappings between USAC script code point for Inuktitut language and Latin code point for French language are shown in the following table. All mapping types are 'blocked'.

#	UCAS Code Point Name	UCAS Code Point	UCAS Glyph	Latin Glyph	Latin Code Point	Latin Code Point Name
1	CANADIAN SYLLABICS PE	U+142F	V	v	U+0076	LATIN SMALL LETTER V
2	CANADIAN SYLLABICS TE	U+144C	U	u	U+0075	LATIN SMALL LETTER U
3	CANADIAN SYLLABICS TA	U+1455	C	c	U+0063	LATIN SMALL LETTER C
4	CANADIAN SYLLABICS KI	U+146B	9	q	U+0071	LATIN SMALL LETTER Q
5	CANADIAN SYLLABICS KI	U+146D	ρ	p	U+0070	LATIN SMALL LETTER P
6	CANADIAN SYLLABICS KO	U+146F	�d	d	U+0064	LATIN SMALL LETTER D
7	CANADIAN SYLLABICS KA	U+1472	b	b	U+0062	LATIN SMALL LETTER B
8	CANADIAN SYLLABICS COO	U+148D	J̇	j	U+006A	LATIN SMALL LETTER J
10	CANADIAN SYLLABICS MA	U+14AA	L	l	U+006C	LATIN SMALL LETTER L
12	CANADIAN SYLLABICS NUNAVUT H	U+157C	H	h	U+0068	LATIN SMALL LETTER H

7. Whole Label Evaluation Rules (WLE) and contextual Rules

7.1 Common Rules

1. **Hyphen Restrictions** – restrictions on the allowable placement of hyphens (no leading/ending hyphen and no hyphen in position 3 and 4). These restrictions are described in Section 4.2.3.1 of RFC 5891. They are implemented here as context rules on U+002D (-) HYPHEN-MINUS.

2. **Leading Combining Marks** - restrictions on the allowable placement of combining marks (no leading combining mark). This rule is described in Section 4.2.3.2 of RFC 5891.

7.2 Inuktitut Language Specific Rules

The LGR includes the rules and actions to implement the following restrictions.
1. **Final code point restriction.** A final code point is not allowed (1) at the initial position of a label, (2) to follow a hyphen, (3) to follow a digit, or (4) to follow another final code point. The final code points are:

$$U+1449 = ˂$$
$$U+1466 = ᕦ$$
$$U+1483 = ᒃ$$
$$U+14A1 = ᒡ$$
$$U+14BB = ᒻ$$
$$U+14D0 = ᓐ$$
$$U+14EA = ᓪ$$
$$U+1505 = ᔅ$$
$$U+153E = ᔾ$$
$$U+1550 = ᕐ$$
$$U+155D = ᕝ$$
$$U+1585 = ᖅ$$
$$U+1595 = ᖕ$$
$$U+1596 = ᖖ$$
$$U+15AE = ᖮ$$
$$U+15A6 = ᖦ$$

2. **Composite code point restriction**. The following composite code points are **__not__** allowed to prevent homoglyph cases with geminated code points.

$$U+1550 + U+1483 = ᕐ+ᒃ$$
(This case is already handled by the final code point restriction)

$$U+1550 + U+146B = ᕐ+ᑫ$$
$$U+1550 + U+146D = ᕐ+ᑭ$$
$$U+1550 + U+146E = ᕐ+ᑮ$$
$$U+1550 + U+146F = ᕐ+ᑯ$$
$$U+1550 + U+1470 = ᕐ+ᑰ$$
$$U+1550 + U+1472 = ᕐ+ᑲ$$
$$U+1550 + U+1473 = ᕐ+ᑳ$$

$$U+1595 + U+1489 = ᖕ+ᒉ$$
$$U+1595 + U+148B = ᖕ+ᒋ$$

U+1595 + U+148C = ᖕ+ᒌ
U+1595 + U+148D = ᖕ+ᒍ
U+1595 + U+148E = ᖕ+ᒎ
U+1595 + U+1490 = ᖕ+ᒐ
U+1595 + U+1491 = ᖕ+ᒑ

U+1596 + U+148B = ᖖ+ᒋ
U+1596 + U+148C = ᖖ+ᒌ
U+1596 + U+148D = ᖖ+ᒍ
U+1596 + U+148E= ᖖ+ᒎ
U+1596 + U+1490 = ᖖ+ᒐ
U+1596 + U+1491 = ᖖ+ᒑ

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