ArcticNet
ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ

ᐊᕐᕌᒍᑕᒫᖅᓯᐅᑦ ᐅᓂᒃᑳᖅ
ANNUAL REPORT
RAPPORT ANNUEL

15 | 17

# ArcticNet
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## ᐊᕐᕌᒍᑕᒫᖅᓯᐅᑦ ᐅᓂᒃᑳᖅ
## ANNUAL REPORT
## RAPPORT ANNUEL

**15** | **17**

NC**E** RC**E**
Networks of Centres of **Excellence** of Canada | Réseaux de centres d'**excellence** du Canada

# ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐃᓂᕐᑲᖅᑎᑕᐅᔪᖅ ᒪᕖᓐ ᓯᓚᕐᑐᖅᓴᕐᕕᒃᔪᐊᕐᒥᑦ, ᑯᐸᐃᒃ ᓯᑎ, ᑲᓇᑕᒥᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᑮᓇᐅᔭᕐᑲᖅᑎᑕᐅᔪᑦ ᒐᕙᒪᑐᕐᑲᒃᑯᓐᓄᑦ ᐱᕘᓪᓚᖅᑎᑦᑎᒐᓱᒃᑏᑦ ᐱᓕᕆᕐᑲᑎᒌᓐᓂᖕᒋᑎᒍᑦ ᐱᐅᓂᖅᐹᒃᑯᑦ ᐊᑐᖅᑐᑎᒃ (Networks of Centres of Excellence), ᐃᓚᒋᔭᐅᓪᓗᑎᒃ ᓯᓚᕐᔪᐊᕐᒥᑦ ᑭᓯᑐᐃᓐᓇᓕᕆᔩᐅᓂᕐᒥᒃ ᓴᓇᔨᕆᐊᓕᓕᕆᓂᕐᒥᒃᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᑲᑎᒪᔩᑦ, ᑲᓇᑕᒥ ᐋᓐᓂᐊᕐᑲᕐᓇᙱᑦᑐᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᕐᓂᓕᕆᔩᑦ, ᑭᒃᑯᑐᐃᓐᓇᕐᓂᒃ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔩᑦ ᐊᒻᒪᓗ ᐱᓕᕆᕝᕙᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᓇᑕᒥ.

ᐱᕘᓪᓚᖅᑎᑦᑎᒐᓱᒃᑏᑦ ᐱᓕᕆᕐᑲᑎᒌᖕᓂᖕᒋᑎᒍᑦ ᐊᔾᔨᒋᔭᐅᙱᑦᑐᑦ ᐱᓕᕆᕐᑲᑎᒌᖕᓂᐅᔪᑦ ᓯᓚᕐᑐᖅᓴᕐᕕᒃᔪᐊᑦ, ᐱᓕᕆᕝᕚᑦ, ᒐᕙᒪᒃᑯᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔾᔭᒃᓴᕐᓱᐊᕐᑎᒃ ᑎᒥᒋᔭᐅᔪᑦ ᑐᕌᒐᕐᑲᖅᑐᑦ ᑲᓇᑕᒥᐅᑦ ᖃᐅᔨᓴᖅᑎᑦᑎᐊᕙᐃᓪᓗ ᑮᓇᐅᔾᔭᒃᓴᖅᑎᑦᑎᐊᕙᐃᓪᓗ ᑲᓇᑕᒥᐅᑕᓕᒫᓄᑦ ᐱᕘᓪᓚᕈᑎᒋᔪᓐᓇᖅᓯᕐᑯᓪᓗᒋᑦ. ᑕᒪᓐᓇ ᐱᒻᒪᕆᐅᕐᑲᑕᐅᑎᓪᓗᓂ ᒐᕙᒪᑐᕐᑲᒃᑯᑦ ᓄᑖᓂᒃ ᓴᖅᑭᑎᕆᒐᓱᐊᕐᓂᖏᑦ ᑐᕌᖕᒐᖕᒐᓂᒃ, ᑕᒪᒃᑯᐊ ᑲᓇᑕᓕᒫᒨᓕᖓᔪᑦ ᖃᓄᑐᐃᓐᓇᕐᓗ ᐱᓕᕆᐊᖅᑐᑦ ᑲᑎᑎᓇᕙᒃᑐᑦ ᖃᐅᔨᓴᕐᓂᕐᑎᐊᓪᓚᕆᐅᔪᓂᒃ ᑕᐃᒃᑯᓇᙵᑦ ᐱᓕᕆᕝᕕᐅᓕᓃᖅᑐᓂᒃ ᐊᔾᔨᖏᓐᓂᒃ ᐱᓕᕆᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐃᑲᔪᕈᓐᓇᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᖏᑦ ᑮᓇᐅᔭᓂᒃ ᕿᑐᕐᖕᒥᐅᖅᑎᑦᑎᓂᕐᑲᖅᐸᒃᑐᓂᒃ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐱᕘᓪᓚᖅᑎᑦᑎᒐᓱᒃᑏᑦ ᐱᓕᕆᕐᑲᑎᒌᖕᓃᑦ ᓴᖅᑭᑎᑕᐅᓚᐅᖅᑐᑦ ᑮᓇᐅᔾᔭᒃᓴᓇᓱᐊᕐᑎᒃ ᑎᒥᙳᖅᑎᑕᐅᓪᓗᓂ ᐊᕐᓯᖅᑕᐅᓪᓗᓂ “ArcticNet Inc.-ᑯᓐᓂᒃ” ᑎᓯᐱᓇ 2003-ᖑᑎᓪᓗᒍ.

Canada

Together in the study of a changing Canadian Arctic

ᐱᓕᓇᕐᑲᑎᒌᒃᑐᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ
ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᒃ ᖃᐅᔨᓴᕐᓂᕐᒥᒃ

Travailler ensemble à l’étude de l’Arctique canadien de demain

# ᐃᓗᓕᖏᑦ


08 ᑎᒥᐅᔪᑦ ᖃᕆᐃᑦᑑᖕᒫᖕᖁᑦ

10 ᓂᖃᐅᒋᔭᖅᐳᑦ / ᐱᒐᓱᒃᑕᕗᑦ

12 ᓯᕗᓕᖕᒐ - ‘ᑐᐊᕕᐅᕐᓇᖅᓯᓯᒪᓕᓚᐅᕐᓂᖕᒐᓂᑦ ᐱᓕᕆᕝᕕᐅᓕᕈᖕᓇᕐᓂᖕᒐᓄᑦ’ ᐊᒻᒪᓗ ᐊᒃᑐᐃᓂᖃᖅᓯᒪᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ

14 ᑐᓴᒐᒃᓴᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓕᕆᓂᕐᒧᑦ ᐃᓱᒪᑕᖕᒐᓐᓂᑦ ᐊᒻᒪᓗ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᔪᒥᑦ - ᑲᑎᒪᔨᐅᔪᓄᑦ

16 ᖃᐅᔨᓴᐃᓂᖃᖅᐸᓐᓂᖅ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᔨᐅᕙᓐᓂᖅ

38 ᐃᓄᐃᑦ ᐋᓐᓂᐊᑕᐃᓕᓂᖏᓐᓄᑦ, ᐃᓕᓐᓂᐊᖅᑐᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑐᓕᕆᐊᖃᕐᓂᖏᓐᓄᑦ ᓄᓘᓂᒃ

42 ᐅᑭᐅᖅᑕᖅᑐᒥ ᒪᓕᒐᕐᑯᑎᓂᒃ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᓂᖅ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᖅᑎᐅᔪᓂᒃ ᐊᑐᓕᖅᑎᑦᑎᓂᖅ

46 ᐃᓕᓐᓂᐊᖅᑐᓕᕆᓂᖅ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᖃᑦᑕᕐᓂᖅ

58 ᖃᐅᔨᒪᓂᕐᒥᒃ ᐊᒥᖅᑲᕐᓂᖅ

62 ᓇᑐᓇᐃᖅᓯᔾᔪᑎᓄᑦ ᐊᑐᐊᒐᓄᑦ ᐊᒻᒪᓗ ᐃᔾᔪᐊᕈᒥᓇᖅᑐᓂᒃ ᐱᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᐃᑦ

66 ᑐᑭᓯᓂᐊᖃᑎᒌᓐᓂᖅ ᐱᓕᕆᔨᐅᖃᑎᒌᖕᓂᕐᓗ

80 ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᓄᓇᓕᖏᑦ

92 ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᓇᐃᓈᖅᓯᒪᔪ ᐅᓂᒃᑳᑦ

ᑐᑭᓯᐅᒪᓂᕆᐊᕐᓂᖅ ᐅᑭᐅᖅᑕᖅᑑᑉ ᐊᕙᑎᖓᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᒃ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᒻᒪᑦ ᐱᔭᕆᑐᕌᓪᓗᓂ ᐱᓕᕆᐊᒃᓴᐅᓕᖅᓯᒪᔪᓄᑦ ᑲᓇᑕᒥᐅᓂᕐ, ᑲᓇᑕᒥ ᒐᕙᒪᒋᔭᐅᔪᓂᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᓯᓚᕐᔪᐊᓕᒫᕐᒥᓗ ᑭᓱᐃᓐᓇᕐᓂᒃ ᖃᐅᔨᓴᖅᑎᒋᔭᐅᔪᓄᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᑭᓱᐃᓐᓇᕐᓂᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓂᒃ ᐊᒻᒪᓗ ᐊᓯᖕᒋᓐᓂᒃ ᖃᐅᔨᒪᔪᒻᒪᕆᖕᓂᒃ ᐊᕙᑎᒥᒃ, ᐃᓄᐃᑦ ᑭᒃᑯᐃᓐᓇᓄᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐃᓅᕐᑲᑎᒌᒃᑐᓕᕆᓂᕐᓄᑦ ᑲᑎᑎᑦᑎᕙᒃᑐᑦ ᐃᑲᔪᖅᑎᒌᓪᓗᒋᑦ ᐱᓕᕆᕐᑲᑎᒋᔭᒥᓐᓂᒃ ᐃᓄᐃᑦ ᑎᒥᕐᑯᑎᖕᒋᓐᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᖕᒋᓐᓂᕐ, ᒐᕙᒪᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐃᓵᒃᑰᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᕐᑲᖅᑎᓂᑦ ᐃᑲᔪᖅᑐᓕᕋᓱᒃᑐᒋᑦ ᑲᓇᑕᒥᐅᖑᔪᑦ ᐸᕐᓇᐅᑎᕐᑲᖅᐸᓪᓕᐊᓂᖏᓐᓂ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒻᒪᓗ ᓄᑕᐅᓕᖅᑎᑦᑎᒋᐊᕐᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᐊᒃᑐᐃᓂᕆᔭᐅᓯᒪᓕᕐᓂᐊᖅᑐᓂᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᕐᑲᕕᐅᓕᕈᓐᓇᖅᑐᓂᑦ.

# ᑎᒥᐅᔪᑦ ᖃᓄᐃᑦᑑᖕᒪᖕᒎᑦ

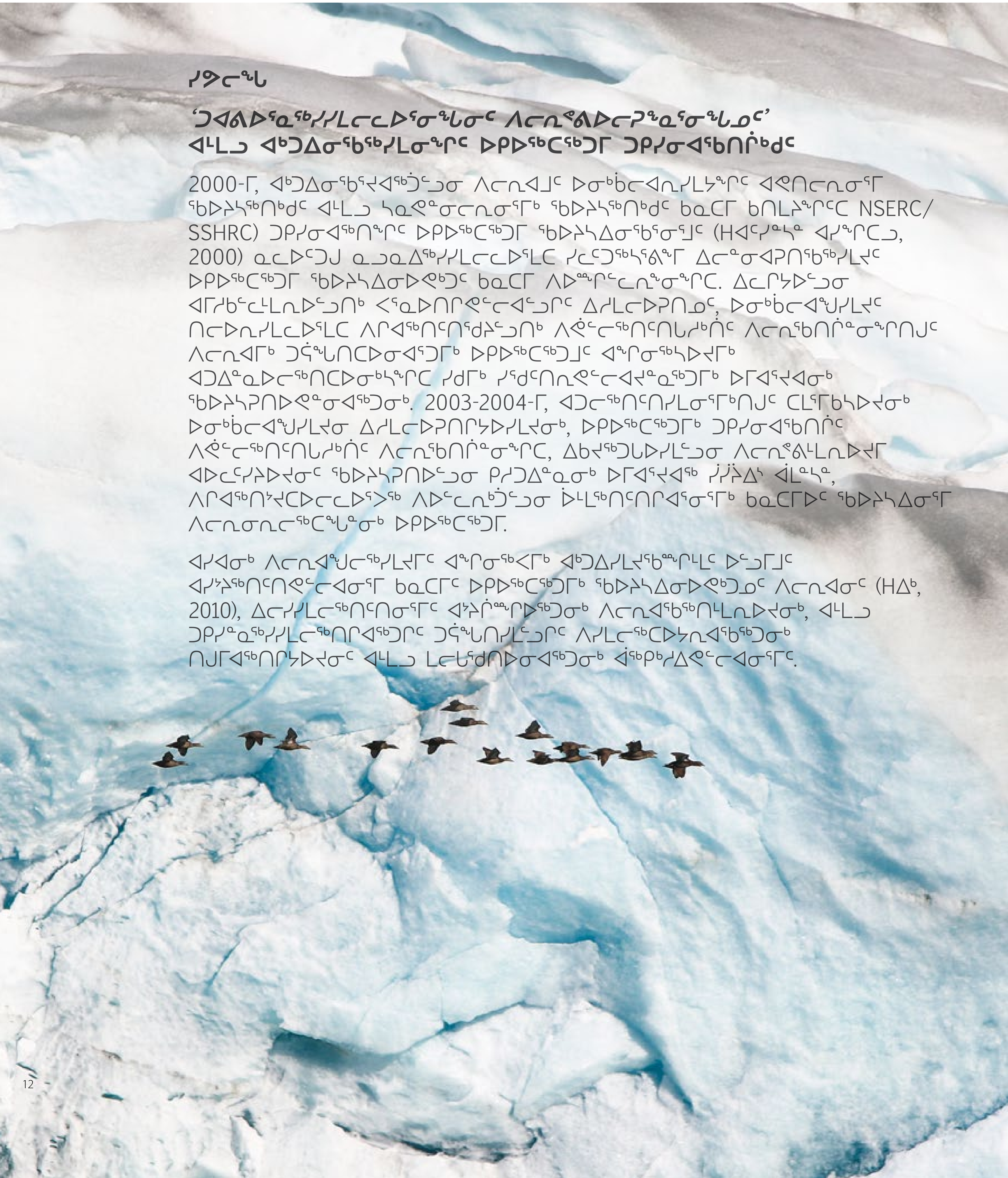

2
ᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᕕᒋᓂᑦ ᑐᑭᓯᓂᐊᖅᑎᒌᔾᐅᔪᑦ
ᐃᓂᖃᓕᖅᓯᒪᕗᑦ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᒃᑏᑦ ᐱᓕᕆᕐᕕᒋᓐᓂᖏᑎᒍᑦ
ᐱᐅᓂᖅᐹᒃᑯᑦ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᓪᓗᑎᒃ
19
ᖑᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ
ᑐᑭᓯᓂᐊᕐᕕᒋᓂᑦ ᑐᑭᓯᓂᐊᖅᑎᑦ
ᖃᐅᔨᓴᐃᔨᒻᒪᕆᓐᓄᑦ
ᐃᒃᓯᕙᐅᑕᕆᔭᐅᓪᓗᑎᒃ
32
ᑲᓇᑕᒥ ᓯᓚᑦᑐᖅᓴᕿᕝᔪᐊᑦ
290+
ᐅᖓᑖᓄᑦ ᑲᑐᔾᔨᕐᕕᒋᑦ
133
ᖃᐅᔨᓴᖅᑎᐅᖅᑎᒋᑦ
42
ᖃᐅᔨᓵᖑᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ
1000+
ᐅᖓᑖᓂ ᐃᓕᓐᓂᐊᖅᑐᑦ
ᐱᔭᕇᖅᓯᓯᒪᔪᑦ, ᐃᓕᓐᓂᐊᖅᓯᒪᔪᑦ
ᓯᓚᑦᑐᖅᓴᕿᕝᔪᐊᒥ, ᖃᐅᔨᓴᖅᑏᑦ
ᑲᑐᔾᔨᕐᕕᒋᖕᒋᑦ, ᓴᓇᐳᑎᓕᕆᔩᑦ
ᐊᒻᒪᓗ ᐊᓯᖏᑦ ᐱᑐᐃᓐᓇᐅᙱᑦᑐᓂᒃ
ᐱᓕᕆᔩᑦ
13
ᓄᓇᓕᖕᔪᐊᑦ ᐊᒡᒍᖅᓯᒪᔪᑦ
2

## ᓂᕆᐅᒋᔭᖅᐳᑦ

ᓯᕗᓂᒃᓴᒥᑦ ᓂᕆᐅᒋᔭᖃᖅᑐᒍᑦ ᐱᐅᓯᒋᐊᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᕿᒥᕐᕈᓂᖃᖃᑦᑕᓕᕋᔭᕐᓂᕐᒥᒃ, ᖃᓄᖅᑑᕈᑎᖃᖃᑦᑕᓕᕋᔭᕐᓂᕐᒥᒃ ᑕᐅᑐᙳᐊᖅᑐᒋᑦ ᐊᒻᒪᓗ ᑲᔪᓯᒋᐊᕈᑎᒃᓴᓕᐅᖅᐸᓐᓂᕐᓂᒃ ᑕᒪᒃᑯᓂᖓᓕᒫᖅ ᐱᔪᖕᓇᖅᑎᑦᑎᓕᕈᑎᒃᓴᓂᒃ ᑭᓱᑐᐃᓐᓇᕐᓂᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᓂᒃ, ᐃᓄᓐᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᒃ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᖅᑎᓂᒃ ᑲᑐᔾᔨᓂᖅᓱᑎᒃ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᖃᔭᕐᓂᕐᒍᑦ ᐸᕐᓇᐅᑎᓂᒃ ᒥᑭᓪᓕᒋᐊᕈᑎᐅᓇᔭᖅᑐᓂᒃ ᐊᑕᐅᙱᑦᑐᑎᒍᑦ ᐊᒃᑐᐃᓯᒪᓕᕐᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᐊᖏᓪᓕᒋᐊᖅᑎᑦᑎᓗᑎᒃ ᓈᒻᒪᒃᑐᑎᒍᑦ ᓴᖅᑭᑎᑦᑎᓯᒪᓕᖃᔭᕐᓂᕐᓂᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᑎᑦᑎᓂᕐᓂᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ.

## ᐱᒐᓱᒃᑕᕗᑦ

- **ᐱᓕᕆᖃᑎᒌᓕᖅᑎᑦᑎᓗᑎᒃ** ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᖕᓂᕐᒍᑦ ᐱᓕᕆᐊᕝᕕᖃᖅᑐᓂᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ, ᑭᒃᑯᑐᐃᓐᓇᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐃᓅᖃᑎᒌᒃᑐᓕᕆᓂᕐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ.
- **ᐃᓚᐅᖃᑕᐅᓕᖅᑎᑦᑎᓗᑎᒃ** ᐃᓄᓐᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᒃ, ᒐᕙᒪᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐃᓛᒃᑰᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᕝᕕᖃᖅᑐᓂᒃ ᑐᑭᒧᐊᖅᑎᑦᑎᔨᐅᕙᓐᓂᕐᓂ ᐱᓕᕆᖃᑎᒌᓐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖑᓪᓕᐊᓚᒃᑐᓄᑦ ᑕᐅᖅᓰᖅᑎᒌᒃᐸᖕᓂᖅᑎᒍᑦ, ᐱᓕᒻᒪᒃᓴᐃᓂᖃᖅᐸᓐᓂᖅᑎᒍᑦ ᐊᒻᒪᓗ ᓴᓇᕐᕈᑎᖃᓕᖅᑎᑦᑎᕙᓐᓂᖅᑎᒍᑦ.
- **ᐊᒥᓱᙳᓇᐊᖅᑎᓯᒪᓕᕐᓗᒋᑦ** ᐊᒻᒪᓗ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᖅᑎᑦᑐᒋᑦ ᕿᒥᕐᕈᓂᐅᕙᒃᑐᑦ ᐱᓕᕆᐊᖑᓯᒪᓕᖁᑦᑐᒋᑦ ᐆᒪᓂᖃᖅᑐᓕᕆᔾᔪᑎᑦ ᖁᑦᑎᖕᓂᕆᔭᖏᓐᓄᑦ ᐊᐱᖅᑯᑎᐅᓕᖅᓯᒪᔪᑦ ᓴᖅᑭᑎᑕᐅᓯᒪᓕᖅᑐᑎᒃ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐅᓪᓗᒥᒧᑦ ᑎᑭᑉᐸᓪᓕᐊᑎᑕᐅᓂᖓᓂᑦ.
- **ᐱᑕᖃᓕᖅᑎᑦᑎᓗᑕ** ᓯᓚᑦᑐᖅᓴᕐᕕᒡᔪᐊᒥᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥᑦ ᓯᓚᕐᔪᐊᓕᒫᒥᓪᓗ ᑲᑐᔾᔨᓂᖅᓱᑎᒃ ᐱᓕᕆᐊᖅᑲᖅᑎᐅᔪᑦ ᐊᑕᐃᓐᓇᖅᑎᑕᐅᔪᒥᒃ ᑕᕆᐅᑦ ᓯᒡᔭᖏᓐᓄᑦ ᐃᑎᕈᓐᓇᕐᓂᖅᑎᑕᐅᔪᓂᒃ.
- **ᑲᑎᓗᒃᑖᕐᓯᒪᓕᕐᓗᒋᑦ** ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᑦ ᑲᑐᔾᔨᓂᖅᓱᑎᒃ ᐱᓕᕆᓂᐅᔪᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᒃ.
- **ᐃᑲᔪᖅᑐᐃᓂᖃᓕᕐᓗᑕ** ᐱᓕᒻᒪᒃᓴᔭᐅᖃᑦᑕᓕᕋᔭᕐᓂᖏᓂᒃ ᓯᕗᓂᕆᔭᑦᑎᓐᓂ ᖃᐅᔨᒪᔨᒻᒪᕆᒋᔭᐅᓕᕈᒫᖅᑐᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ ᐊᒻᒪᓗ ᖃᓪᓗᓈᑦ ᓄᓇᖓᓐᓂᕐᒥᐅᓂᑦ, ᐱᔭᐅᓯᒪᓕᓇᐊᖅᑭᒫᖅᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᖃᖅᐸᓐᓂᕐᓂ, ᐊᑐᐊᒐᓕᐅᖅᑕᐅᔪᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓪᓗᑕ ᐊᒻᒪᓗ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᖁᑦᑐᒋᑦ ᐊᐅᓚᑦᓯᐊᕐᓂᐅᔪᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᕆᐊᖃᕐᓂᖓ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓ.
- **ᑐᑭᓕᐅᖅᑕᐅᓯᒪᓕᖅᑎᑦᑐᑎᒍᑦ** ᐊᖏᓪᓕᐸᓪᓕᐊᖏᓇᖅᑐᑎᒃ ᑐᑭᓯᒪᓕᖅᐸᓪᓕᐊᓂᖏᓐᓂᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᑐᖅᑕᐅᔪᓐᓇᖅᑎᑦᑎᓂᖅᑎᒍᑦ ᖃᐅᔨᓴᕐᓂᖅ ᑲᓇᑕᒥ ᒪᓕᒋᐊᕐᓂᒃ ᐊᐅᓚᑦᑎᔨᐅᕙᒃᑐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᖅᓯᒪᔪᓂᒃ.



## ᓯᕗᓕᖕᒐ

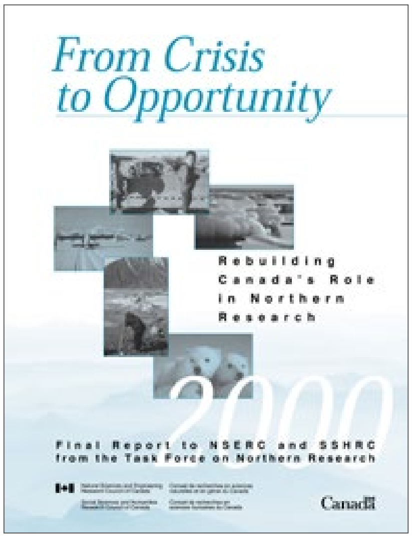
### ‘ᑐᐊᕕᐅᕐᓇᖅᓯᓯᒪᓕᓚᐅᕐᓂᖕᒐᓂᑦ ᐱᓕᕆᕚᐅᓕᕈᖕᓇᕐᓂᖕᒐᓄᑦ’ ᐊᒻᒪᓗ ᐊᒃᑐᐃᓂᖃᖅᓯᒪᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ

2000-ᒥ, ᐊᒃᑐᐃᓂᖃᕐᔪᐊᖅᑑᑦᑐᓂ ᐱᓕᕆᐊᒧᑦ ᐅᓂᒃᑳᓕᐊᕆᓯᒪᔭᖏᑦ ᐊᕐᑎᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᖅᑎᒃᑯᑦ ᐊᒻᒪᓗ ᓴᓇᕗᓐᓂᓕᕆᓂᕐᒥᒃ ᖃᐅᔨᓴᖅᑎᒃᑯᑦ ᑲᓇᑕᒥ ᑲᑎᒪᔨᖏᑦᑕ NSERC/SSHRC) ᑐᑭᓯᓂᐊᖅᑎᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᒧᑦ (Hᐊᑦᓯᓐᓴᓐ ᐊᓯᖏᑕᓗ, 2000) ᓇᓚᐅᑦᑐᒍ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᓯᓚᑦᑐᖅᓴᕐᕕᖕᒥ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᑲᓇᑕᒥ ᐱᐅᙱᑦᓚᓐᖏᓂᖏᑕ. ᐃᓚᒌᔭᐅᑦᑐᓂ ᐊᒥᓱᑳᓪᓚᒪᕆᐅᑦᑐᑎᒃ ᐸᕐᓇᐅᑎᕆᕙᑦᓕᐊᑦᑐᕆᑦ ᐃᓱᒪᓕᐅᕈᑎᓄᑦ, ᐅᓂᒃᑳᓕᐊᖑᓯᒪᔪᑦ ᑎᓕᐅᕆᓯᒪᓚᐅᕐᒪᑕ ᐱᑭᐊᖅᑎᑦᑎᕐᑯᔾᑐᑎᒃ ᐱᕓᑦᓕᖅᑎᑦᑎᖓᓱᒃᑏᑦ ᐱᓕᕆᖃᑎᒌᓐᓂᖏᑎᒍᑦ ᐱᓕᕆᐊᒥᒃ ᑐᕌᖓᑎᑕᐅᓂᐊᕐᑐᒥᒃ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᐊᑐᐃᓐᓇᐅᓕᖅᑎᑕᐅᓂᒃᓴᖏᑕ ᓯᑯᒥᒃ ᓯᕐᑯᑦᑎᕆᕙᑦᓕᐊᔪᓐᓇᖅᑐᒥᒃ ᐅᒥᐊᕐᔪᐊᓂᒃ ᖃᐅᔨᓴᕈᑎᐅᕙᓐᓂᐊᖅᑐᓂᒃ. 2003-2004-ᒥ, ᐊᑐᓕᖅᑎᑦᑎᓯᒪᓂᕐᒥᒃᑎᒍᑦ ᑕᒪᕐᒥᒃᓴᐅᔪᓂᒃ ᐅᓂᒃᑳᓕᐊᖑᓯᒪᔪᓂ ᐃᓱᒪᓕᐅᕈᑎᒌᔭᐅᓯᒪᔪᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᕓᑦᓕᖅᑎᑦᑎᖓᓱᒃᑏᑦ ᐱᓕᕆᖃᑎᒌᓐᓂᖏᑕ, ᐃᑲᔪᖅᑐᒐᐅᓯᒪᑦᑐᓂ ᐱᓕᕆᕝᕕᒻᒪᕆᐅᔪᒥ ᐊᐅᓚᕐᓯᔨᐅᔪᓂᑦ ᖃᐅᔨᓴᕈᑎᐅᑦᑐᓂ ᑭᓱᑐᐃᓐᓇᓂᒃ ᐅᒥᐊᕐᔪᐊᖅ ᔫᓯᐃᔅ ᐋᒪᓐᓴᓐ, ᐱᕆᐊᖅᑎᔾᔪᑕᐅᓕᓚᐅᕐᕗᖅ ᐱᐅᓚᕆᒃᑑᑦᑐᓂ ᐆᒻᒥᖅᑎᑦᑎᕆᐊᕐᓂᕐᒥᒃ ᑲᓇᑕᒥᐅᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᓂᕆᓕᖅᑕᖕᒐᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ.

ᐊᓯᐊᓂᒃ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᒥᑦ ᐊᖏᓂᖅᐸᒥᒃ ᐊᒃᑐᐃᓯᒪᔪᖃᙱᒻᒪᑦ ᐅᑦᑐᒥᒧᑦ ᐊᓯᔾᔨᖅᑎᑦᑎᕙᑦᓕᐊᓂᕐᒥ ᑲᓇᑕᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐱᓕᕆᐊᓂᑦ (Hᐃᒃ, 2010), ᐃᓕᓯᓯᒪᓕᖅᑎᑦᑎᓂᕐᒥᑦ ᐊᔾᔨᒌᙱᑭᐅᖅᑐᓂᒃ ᐱᓕᕆᐊᕐᑲᖅᑎᒻᒪᕆᐅᔪᓂᒃ, ᐊᒻᒪᓗ ᑐᑭᓯᓐᓇᖅᓯᓯᒪᓕᖅᑎᑭᐊᖅᑐᑭᑦ ᑐᑦᑎᖕᒐᑎᓯᒪᑦᑐᑭᑦ ᐱᓯᒪᓕᖅᑕᐅᔭᕆᐊᖅᑲᖅᑐᓂᒃ ᑎᒍᒥᐊᖅᑎᒌᔭᐅᔪᓂᑦ ᐊᒻᒪᓗ ᒪᓕᒐᕐᑯᑎᐅᓂᐊᖅᑐᓂᒃ ᐋᖅᑭᒃᓯᐃᕙᑦᓕᐊᓂᕐᒥᑦ.

# ᑕᐃᒪᙵᓂᑦ 2004-ᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ:

- ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᖅᑐᑦ ᓯᓚᕐᔪᐊᕐᒥ ᐊᔪᙱᑦᑎᐊᒻᒪᕆᒃᑐᓂᒃ ᐱᓕᕆᐊᖃᖅᑎᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᒪᔨᒻᒪᕆᔭᐅᔪᓂᒃ;
- ᐃᓄᓐᓂᒃ ᖁᑦᑎᖕᓂᕆᔭᐅᔪᑦ ᑕᒪᐃᓐᓂᑦ ᐱᓕᕆᐊᖃᖅᑎᓂᑦ ᐃᓚᐅᑎᑦᑎᓚᐅᖅᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᓂᑦ ᑲᑎᒪᔨᐅᔪᓄᑦ;
- ᐱᒋᐊᖅᑎᐅᓚᐅᖅᑐᑎᒃ ᐊᔾᔨᖃᕐᑎᒃ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᖕᓂᕐᔪᑦ ᐱᓕᕆᐋᖃᖅᑐᓂᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ, ᑭᒃᑯᐃᓐᓇᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔦᓕᕆᓂᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᐃᓅᖃᑎᒌᒃᑐᓕᕆᓂᕐᓄᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ;
- ᐱᐅᓂᖅᐹᑎᒍᑦ ᐱᓕᕆᐊᖃᖅᑐᓂᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᖕᒋᓂᒃ ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᕈᑎᒃᓴᖃᖅᑎᑦᑎᓚᐅᖅᑕᑦ ᐃᓚᒋᔭᖕᒋᓂᒃ 3-ᓂᑦ 5-ᓄᑦ ᓕᒃᑎᑦᑐᒋᑦ ᐅᑭᐅᓇᔭᖕᒐᓄᑦ ᐱᓕᕆᖃᖅᕙᐅᓂᐊᖅᑐᓂ;
- ᐱᓕᕆᐊᖃᕈᑎᖃᓕᖅ ᑎᑦᑎᓪᓗᑕ ᐊᒻᒪᓗ ᐃᖕᒋᕆᕌᑎᐊᓕᖅᑎᑦᑐᒍ ᑲᓇᑕᒥᑦ ᖃᐅᔨᓴᕈᑎᐅᓪᓗᓂ ᑕᕝᕚᑐᐊᖑᓪᓗᓂ ᓯᑯᒥᒃ ᓯᖁᑦᑎᓇᕙᓪᓕᐊᔪᐃᓐᓇᖅᑐᒥᒃ ᐅᒥᐊᕐᔪᐊᒥᒃ;
- ᖃᐅᔨᓴᖅᑎᕐᔭᐅᔪᓄᑦ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᔪᓂᒃ ᐊᑐᐃᓐᓇᐅᓕᖅᑎᑦᑎᓪᓗᑎᒃ ᐱᔮᑦᓯᕋᕈᑎᕆᔭᐅᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᖁᑎᕆᔭᐅᔪᓂᒃ ᖃᐅᔨᓴᕝᕙᐊᓗᙳᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ:
- ᐅᖓᑖᓄᑦ 1,260 ᐃᓕᓐᓂᐊᖅᑏᑦ ᐱᔮᕇᖅᓯᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᓯᒪᔪᑦ ᓯᓚᑦᑐᖅᓴᕝᕚᔾᔪᐊᕐᒥ (56.3% ᐊᕐᓇᐃᑦ);
- ᐃᑲᔪᓚᐅᖅᑐᑎᒃ ᐅᖓᑖᓄᑦ 85-ᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᒪᔨᒻᒪᕆᒋᔭᐅᔪᓂᒃ ᓯᓚᑦᑐᖅᓴᕝᕕᖕᓂᑦ ᐊᒻᒪᓗ ᒐᕙᒪᒃᑯᑦ ᐃᖅᑲᓇᐃᔭᕝᕕᖏᓐᓂᑦ;
- ᐃᑲᔪᖅᓯᓂᖅᑲᖅᑐᑎᒃ 29-ᓂᒃ ᓄᓖᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᔪᓂᒃ ᐃᓚᖃᖅᑐᒍ ᒪᕿᐋᓂᒃ ᐱᐅᓂᖅᐹᖑᔪᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᔪᐋᓂᒃ;
- ᐊᐅᓚᑦᓯᓂᖃᓚᐅᖅᑐᑎᒃ ᐅᖓᑖᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᓐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐃᓚᒋᔭᐅᖃᑕᐅᙳᑦᑐᑎᒃ ᐱᓕᕆᐊᕗᔪᓄᑦ ᐅᒥᐊᕐᔪᐊᖅ ᐋᒪᓐᑦᓴᓐᒥ;
- ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᓇᓗᓇᐃᑦᑐᒥᒃ ᖃᐅᔨᓴᖅᑎᐅᓂᕐᒧᑦ ᑲᑐᔾᔨᓂᖃᕐᕕᐅᔪᓂᒃ 11-ᓂ ᓄᓇᕐᔪᐊᓇᔭᐅᔪᓂ;
- ᓴᖅᑮᓪᓗᑕ 9-ᖑᔪᓂᒃ ᑲᓇᑕᒥᐅᑦ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐅᑭᐅᖅᑲᖅᑎᑕᐅᓂᖓᓄᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ (IPY)ᐃᓚᕐᑲᖅᑎᓪᓗᒋᑦ ᒪᕐᕈᐃᓐᓂᒃ ᐊᖏᓂᖅᐸᐅᔪᓐᓂᒃ ᓯᓚᕐᔪᐊᓕᒫᒥ;
- ᐃᓖᒃᑰᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᖃᕐᕕᓐᓂᒃ ᑮᓇᐅᔭᑎᒍᑦ ᐊᒥᓱᒃᑲᓪᓗᕋᔭᖅᑐᓄᑦ ᐱᓕᕆᐊᖑᔪᓂ ᖃᐅᔨᓴᐃᖃᑎᖃᕐᓕᓚᐅᖅᑐᑦ;
- ᖃᐅᔨᓴᐃᓂᖃᓚᐅᖅᑐᑦ 48-ᓂ 51-ᓂᑦ ᓄᓇᓕᐅᔪᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ;
- ᓴᖅᑮᓯᒪᓕᓚᐅᖅᑐᑎᒃ 47-ᓂᒃ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᓂᒃ ᐃᑲᔪᖅᓯᓂᖅᑲᓚᕆᒃᑐᓂᒃ ᐃᓄᐃᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ, ᐋᓐᓂᐊᖃᖅᑕᐃᓕᒪᔪ ᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕐᑯᓴᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᓄᑦ ᑐᕌᖓᔪᓂᒃ;
- ᐃᑲᔪᕐᓂᖃᖅᑲᖅᑐᑎᒃ ᐊᖏᔪᒥᒃ ᑲᓇᑕᒥᐅᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᒥ ᐊᒡᒍᖅᓯᒪᔪᑦ ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᖏᓐᓄᑦ (ᐆᕗᐊᑦ ᐊᒻᒪᓗ ᐃᒫᑉ);
- ᓄᓇᑖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᑎᒍᑦ ᐊᑦᑐᖅᑕᐅᔪᓂᑦ ᖃᐅᔨᓴᕐᓂᒧᑦ (IRIS) ᐊᑐᓕᖅᑎᑦᑎᓪᓗᑎᒃ ᓯᑕᒪᐅᔪᓂ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒋᓂ;
- ᐋᖅᑭᒃᓱᐃᔾᔭᐅᓚᐅᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᒋᑕ ᑲᑎᒪᕐᔪᐊᕐᓂᖓᓂᒃ (ASM), ᑲᓇᑕᒥ ᐅᑭᐅᑕᒫᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑲᑎᒪᕐᔪᐊᕐᓂᖓᓂᒃ;
- ᐋᖅᑭᒃᓱᐃᓪᓗᑎᒃ ᐅᓂᒃᑳᓕᐊᖑᓯᒪᔪᓂᒃ ᒪᕿᐃᓐᓂᒃ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᓂ *ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ* ᑲᑎᒪᕐᔪᐊᖅᑎᑦᑎᓂᕐᒥᒃ;
- ᐱᓕᕆᐊᖅᑲᖅᑎᒻᒪᕆ ᐅᓚᐅᖅᑐᑎᒃ ᐋᖅᑭᒃᓱᐃᓂᕐᒥ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐅᑭᐅᖅᑲᖅᑎᑕᐅᓂᖓᓄᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᐅᑉ ᐃᓱᓕᑎᑕᐅᓂᖓᓄᑦ 2012-ᒥ;
- ᐋᖅᑭᒃᓱᐃᔨᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐃᑲᔪᖅᑎᐅᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕝᕕᒃᓴᖁᑎᓂᒃ ᑎᑎᕋᖅᐸᓪᓕᐊᔭᐅᓂᖓᓐᓂᒃ (PDC);
- ᒪᓕᒐᓕᐅᖅᑎᓂᒃ ᐊᒻᒪᓗ ᑎᒍᒥᐊᖅᑎᒋᔭᐅᔪᓂᒃ ᐱᓕᕆᐊᖃᖅᑎᖅᑎᑦᑎᓪᓗᑎᒃ ᓄᓇᑖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᑎᒍᑦ ᐊᑦᑐᖅᑕᐅᔪᓂᑦ ᖃᐅᔨᓴᕐᓂᒧᑦ (IRIS) ᐱᓕᕆᐊᖑᖅᑲᐅᓂᖓᓂ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᒋᑕ ᑲᑎᒪᕐᔪᐊᕐᓂᖓᓂᒃ (ASM);
- ᐱᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᐊᖕᒋᔪᒥᒃ ᒪᑭᓴᐃᔨᓂᑦ ᐃᑲᔪᕈᑎᔅᓴᖃᖅᑎᑦᑎᓂᕐᒥᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᔾᔪᑎᒃᓴᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᔨᐅᓕᕈᓐᓇᖅᓯᓂᒃ ᐱᕈᖅᑎᑦᑎᕙᖅᑲᐊᓂᕐᓄᑦ;
- ᐱᓯᒪᓕᕈᓐᓇᖅᑎᑦᑎᓪᓗᑎᒃ $3-ᒥᓕᐊᓐᑖᓪᓂᒃ ᐅᑭᐅᑕᒫᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᔾᔪᐊᕈᒥᓇᖅᑐᓄᑦ ᓵᓚᒃᓴᐅᑎᑖᖅᑎᑦᑎᕙᓐᓂᕐᒧᑦ ᐃᑲᔪᖅᑐᐃᔾᔪᑎᐅᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᓄᑦ;
- ᐊᑐᓕᖅᑎᑦᑎᓪᓗᑎᒃ ᓯᓐᑎᓄᑦ ᓄᐊᔅᓂᒃ ᐊᒻᒪᓗ ᐊᖏᕝᑎᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᔾᒪᓇᐅᔪᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᓇᔾᐅᔪᑦ ᐱᓕᓇᓂᖅᑕᕐᓂᖕᒋᓂᒃ ᓄᓖᓂᒃ ᓴᓇᕈᑎᓂᒃ ᐊᑐᓕᖅᑎᑎᓯᒪᓇᔭᕐᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ;
- ᑭᒃᑯᐃᓐᓇᓂᑦ ᐃᓄᓐᓂᑦ ᐃᑲᔪᖅᑐᕆᐅᓕᓇᐊᖅᑐᑎᒃ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐊᖏᓂᖓ ᓇᑐᓇᐃᖅᑕᐅᓯᒪᓕᓇᐊᖅᑲᑐᒍ;
- ᐃᑲᔪᖅᑎᐅᓚᐅᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᓇᐅᔪᑦ ᓯᕗᓪᓕᖅᐸᐅᑎᑕᐅᑐᑎᒃ ᒐᕙᒪᐅᔪᑦ ᐱᓕᓇᐊᒃᓴᓇᔾᖕᒋᓇ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᑕᓇᐅᕐᔪᐊᑉ ᐊᑭᐊᓂᒥᐅᓂ ᐱᓕᓇᐊᖑᓕᖁᔭᐅᓪᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓕᓇᐅᕐᓂᖕᒋᓇ.




ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐃᑎᖅᐸᓪᓕᐊᓕᕐᒥᑎᓪᓗᒋᑦ ᐅᑭᐅᒧᑦ ᑭᖑᓪᓕᖅᐸᓐᓇᔭᖕᒐᓄᑦ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᒃᑎᑦ ᐱᓕᕆᐊᖃᑎᒌᖕᓂᖕᒋᑎᒍᑦ ᖃᐅᔨᒪᔪᕐᑐᑎᔅᓴᖅᑎᑕᐅᓯᒪᓂᖕᒐᓄᑦ, ᑕᐃᒃᑯᐊ ᐊᖏᔪᓪᒪᕆᐊᓗᒻᒥᒃ ᐱᓕᕆᐊᖃᑎᒌᖕᒍᔪᑦ ᐱᓕᕆᐊᕆᓯᒪᔪᖕᒋᓂᒃ ᕿᒥᕐᕈᓂᖅᑕᖅᓯᒪᕗᑦᑕ ᐱᓕᕆᐊᒃᓴᕆᔭᒥᓂ ᑐᕌᕙᒋᓇᓱᐊᓚᐅᖅᑕᒥᓐᓄᑦ ᑎᑭᓯᒪᓕᓚᐅᕐᓂᖕᒋᓐᓂ ᐱᑐᐊᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᓂ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐅᓪᓗᒥᒧᑦ ᑎᑭᓯᒪᓕᖅᑎᑦᑎᒋᓯᒪᓂᐅᔪᓄᑦ ᑕᓇᐅᑦ ᓯᕗᕆᔭᕆᐊᓂ ᐱᓕᕆᓂᐅᔪᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ. ᐱᔾᔪᑎᒋᓪᓗᒍ ᑕᒪᒃᑯᐊ ᐱᕚᓪᓕᖅᑎᑦᑎᓇᓯᓐᓂᒋᑦ ᑲᓇᑕᒥ "ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ" ᐱᐅᓂᖅᐹᖅᑎᒍᑦ ᐊᒥᓱᙳᖅᐸᓪᓕᐊᓂᖕᒋᓇᓂ, ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᕗᑦ ᐊᒥᓲᙱᑦᑐᓪᒪᓇᓂᒃ 2015-2017-ᒧᑦ ᐱᔭᕆᐅᑎᕐᓚᖅᑎᒃ ᐱᓕᕆᐊᕐᔪᐊᕐᓂᐅᓯᒪᓕᓚᐅᖅᑐᓂᒃ!

- ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐋᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ 16-ᖑᔪᓂᒃ ᓄᑖᖑᑦᑐᑎᒃ ᐱᓕᕆᐊᖅᑲᖅᑎᑕᐅᓂᐅᔪᓂᒃ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᒃᑎᑦ ᐱᓕᕆᐊᖅᑎᕆᐅᓂᓇᔭᒥᒃᑎᒍᑦ ᐱᐅᓂᖅᐹᒃᑯᑦ (NCE) ᐱᓕᕆᐊᒥᓂ, ᐃᓚᖅᑲᖅᑐᒋᑦ ᓇᓄᓇᐃᑦᑐᒥᒃ ᐊᖏᓪᓕᕙᓪᓕᐊᓪᓗᑎᒃ ᒪᑭᓴᐃᔨᓂᑦ ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᖅᑕᐅᔾᔪᓯᐊᖅᑖᖑᕙᑦᑐᓂᒃ.
- ᐱᓕᕆᐊᖅᑎᕆᐅᑎᖑᔪᑦ ᐊᒃᓱᕈᕈᑎᒋᓪᓗᒋᑦ ᐱᓕᕆᓂᕆᓚᐅᖅᑕᒥᓐᓂᑦ ᓴᖅᑭᓯᒪᓕᖅᑐᓂᒃ ᑕᑯᔅᓴᕈᖅᑎᑦᑎᓯᒪᓕᖅᐳᑦ ᓯᐊᒻᒪᒃᑎᓇᕙᓪᓕᐊᓚᐅᕐᓂᕐᒥᓂᒃ ᖃᐅᔨᒪᓂᓇᔭᕐᒥᓂᒃ ᐃᓱᒪᓕᐅᖅᑎᕙᕝᕚᓄᑦ ᓄᓇᑖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᑎᒍᑦ ᐊᑦᑐᖅᑕᐅᔪᓂᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᑎᒍᑦ (IRIS) ᐊᒻᒪᓗ ᑖᒃᑯᓂᖓ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᔪᓂᒃ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑎᑦᑎᒋᐊᖅᑐᑎᒃ ᒥᒃᓯᒃᑎᐊᕐᑑᓂᖕᒋᓂᒃ ᐊᖕᒋᓂᖅᓴᐅᔪᒥᒃ ᑕᑯᔅᓴᕈᖅᑎᑦᑎᓯᒪᓕᕆᓯᕙᓂᕐᒥᒃᑎᒍᑦ ᐱᒋᐊᖅᑎᑦᑎᓂᕐᒥᓇ ᐱᐅᑦᓚᓇᒃᑑᑦᑐᓂ, ᖃᐅᔨᒪᓂᓇᔭᐅᔪᓂᒃ ᐊᒥᖅᑲᖅᑲᖅᑎᕆᐅᑉᐸᓐᓂᕐᓂᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᐃᑦ ᐊᑦᑐᖅᑕᐅᓯᒪᔪᓄᑦ ᖃᐅᔨᓴᕈᑎᓄᑦ ᖃᓇᑕᐅᔪᑎᒍᑦ ᐅᖃᑦᓚᖅᑎᕆᐅᓇᓂᐅᕙᓐᓂᐊᖅᑐᒥᒃ.
- ᐱᓕᕆᐊᖅᑯᓇᖅᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖅᑲᐃᓇᕈᓇᖅᓂᖕᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᓄᑦ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓕᑦᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᓇ ᐋᖅᑮᓯᒪᓕᕈᑎᐅᔪᓇᖃᓚᐅᕐᓚᑕ ᐊᖏᔪᐊᔾᔫᑦᑐᓂ ᓯᓚᑦᑐᖅᓴᕝᕚᖕᒥ ᖃᐅᔨᒪᔨᒻᒪᕆᑯᑦ "ᐋᖅᑮᓯᒪᕈᓇᖅᑎᑕᐅᔪᑦ" ᐱᓕᕆᐊᖑᔪᓂᒃ ᒎᕐᑐ Hᐊᑦᓴ ᐸᐃ ᑕᓇᐅᖕᒐᓂ ᖃᐅᔨᓴᐃᓂᐅᔪᒥᒃ - ᑕᐃᔭᐅᑦᑐᓂ ᐸᐃᓯᔅ (*BaySys*) ᑲᑐᔾᔨᓂᖅᑲᖅᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᑕᓂᖅ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᓇᐅᔪᑦ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒥᒃ ᐊᒻᒪᓗ ᐱᒋᐊᖅᑎᑕᐅᓵᓚᐅᖅᑐᒥᒃ *ᓯᓐᑎᓄᑦ ᓄᐊᔅ* ᑲᓇᑕᒥ ᐱᐅᓂᖅᐹᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᕐᒥᒃ ᐱᓕᕆᐊᖑᕙᖅᓯᒪᓖᓴᓚᐅᖅᑐᒥᒃ.
- ᓇᓄᓇᐃᓇᐊᕈᑎᐅᑦᑐᓂ ᐊᑯᓃᖅᑐᒧᑦ ᐊᑐᕐᓂᖅᑲᕐᓂᐊᕐᓂᖕᒋᑦ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᑦ, ᐱᓕᕆᐊᖅᑎᒌᑦ ᐊᖏᔪᒥᒃ ᐊᒃᑐᐃᓯᒪᓕᕐᓂᖕᒋᑦ ᒪᓕᒐᓕᐅᕐᓂᐅᔪᓄᑦ ᑕᐃᑯᓂ ᐅᑭᐅᒥ ᑕᑯᓯᒪᓕᓚᐅᕐᓚᑕ ᐃᑲᔪᖅᑕᐅᓯᒪᓂᕐᒥᒃᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᖃᓄᐃᓕᖅᓯᒪᓕᓚᐅᕐᓂᖕᒋᓇᓄᑦ ᓂᐅᕙᐅᓇᖕᒥ ᐊᒻᒪᓗ ᐋᐸᑐᐊᓇᒥ ᒐᕙᒪᒃᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᓕᓚᐅᖅᑕᖕᒋᓇᓄᑦ ᐱᓕᕆᐊᖅᑕᕐᓂᐅᔪᓄᑦ ᒪᓴᑦ ᕚᓴᒥ.



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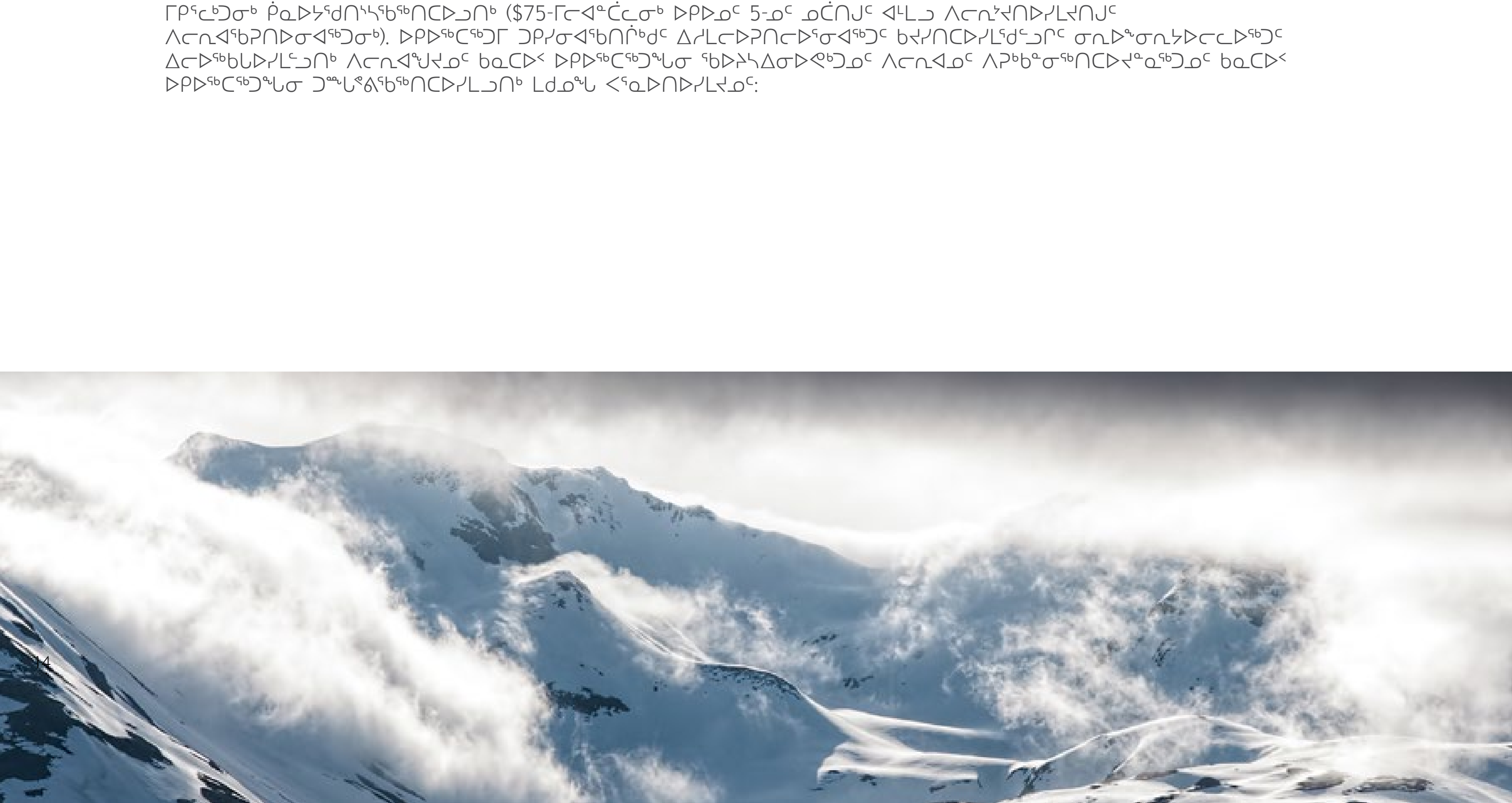
# ᑐᓴᒐᒃᓴᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓪᓚᕆᓂᖏᑦ ᐃᓱᒪᑕᖑᓂᑦ ᐊᒻᒪᓗ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᔪᒥᑦ - ᑲᑎᒪᔨᐅᔪᓄᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ 14-ᕆᔭᖓᓄᑦ ᐅᑭᐅᒧᑦ ᐱᓕᕆᓂᖃᕐᓂᐊᓕᖅᑎᓪᓗᒋᑦ, ᐊᔾᔨᖃᕐᑎᒃ ᐊᕕᒃᑐᖅᓯᒪᐅᖅᑐᓂᑦ ᐱᓕᕆᓂᖃᕐᓂᐅᓯᒪᔪᓂᒃ ᐱᓕᕆᐊᒥᒃ 119-ᖑᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᓯᒪᔪᓂᒃ ᕿᒥᕐᕈᓯᒪᓕᕐᑰᓐᓇᕋᑦᑕ ᐱᑕᖃᓕᖅᑎᑦᑎᓯᒪᓕᓚᐅᕐᓂᖏᑕ ᐊᖏᔫᒪᓇᓕᒥᒃ ᑐᓴᒐᔅᓭᑎᖃᓕᖅᑎᑦᑎᓯᒪᓕᕐᓂᖏᑕ ᐱᔾᔪᑎᖃᖅᑐᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᑕᖅᑐᖓᓄᑦ; ᓯᑕᒪᐅᔪᑦ ᓄᓇᓖᑦ ᐊᕕᑦᑐᖅᓯᒪᓂᖏᑕ ᐊᒃᑐᖅᑕᐅᔪᓂᑦ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᓄᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕈᑎᐅᓪᓗᑎᒃ ᖃᓄᐃᓕᖓᓕᖅᑎᑦᑎᓯᒪᓂᖓᑕ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐃᓕᖅᑲᖅᑐᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᑦ ᐋᖅᑭᐊᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᓂᒃ; ᐊᒻᒪᓗ ᐊᔾᔨᒃᖠᕆᑦᑐᑎᒍᑦ ᐱᓕᕆᓂᖃᓕᐊᖅᓯᒪᓂᕐᓄᑦ ᐃᓕᔭᐅᓯᒪᓕᖅᑐᑎᒃ ᓯᓚᑦᑐᖅᓴᕐᕕᒻᒥᑦ ᐊᒻᒪᓗ ᒐᕙᒪᒃᑯᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓯᒪᓕᕆᐊᕐᓂᖏᑦᑕ ᑲᑐᔾᔨᖃᑎᒋᓯᒪᓪᓗᒋ ᐃᓄᐃᑦ ᐱᓕᕆᓂᖅᑲᑎᒌᒃᓯᒪᓂᖏᓐᓂᒃ.

ᐱᐅᓂᖅᐹᑎᒍᑦ ᐱᓕᕆᐊᒃᑲᖅᑐᓂᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᖏᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᓐᓄᑦ ᑮᓇᐅᔭᕐᑯᑎᓭᖃᖅᑎᑦᑎᕙᓐᓂᖅ ᐃᓱᓕᓯᒪᓕᕐᓂᐊᓕᖅᑎᓪᓗᒍ ᒫᔾᔮ 2018-ᒥ, ᐊᒥᓱᑦ ᐃᓱᒪᓂᖃᓕᕐᓚᑕ ᐱᓕᕆᖃᑎᒌᓐᓂᐅᔪᓂᑦ ᐱᐅᓪᓚᓇᒃᑐᓂᒃ ᑐᑭᓯᐊᑐᕋᐅᑦᑎᐊᓕᕐᓂᖏᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᒪᔾᒪᓇᕆᔭᐅᔪᓂᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᑦ, ᒐᕙᒪᐅᔪᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂᑦ ᐊᓯᕈᖅᐸᓪᓕᐊᓕᑲᐅᑎᒋᓂᐊᕋᓱᒋᓪᓗᒋᑦ, ᐃᓚᕐᑲᖅᑎᓪᓗᒋᑦ ᐊᑐᖅᐸᒃᑐᓂᑦ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᓂᑦ ᖃᓄᐃᓕᖓᓕᖅᓯᒪᓂᐅᔪᓂᒃ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᑕᕆᐅᕐᔪᐊᑉ ᐊᑭᐊᓂᕐᒥᐅᓂᑦ. ᐊᒥᓱᑦ ᓯᕗᕋᓂᖃᓕᖅᓯᒪᓕᕆᒡᑦ ᓱᕐᓗ ᐅᑭᐅᖏᓄᑦ 1990-ᓄᑦ ᑐᑭᓯᒪᓂᖃᑎᐊᙳᕆᓐᓂᖏᑦ ᐅᑎᖅᓯᒪᓕᑐᐃᓐᓇᕐᓂᐊᕋᓯᕆᓪᓗᓂᕆᑦ ᑕᐃᒪ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᒪᔾᒪᓇᕆᔭᐅᔪᑦ ᓇᒃᓴᑕᖅᐸᕆᐊᕐᑲᓚᐅᕐᒪᑕ ᒐᕙᒪᑐᕐᒃᑯᑦ ᐱᓕᕆᐊᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐋᖅᑭᐅᒪᓕᖅᑎᓯᒪᔭᖏᓐᓂᒃ ᐱᓯᒪᓕᕈᒪᓪᓗᑎᒃ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᐱᓕᕆᓂᖃᕈᑎᐅᕙᒃᑐᓂᒃ ᖃᐅᔨᓴᐃᔪᒪᒍᑎᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᒃ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᙵᖅᑐᑦ (Hᐊᑦᓯᓴᓐ ᐊᓯᖏᓪᓗ, 2000). ᑕᐃᒪᙵᓂᑦ ᐅᓪᓗᒥᐅᓕᖅᑐᒥ ᖃᐅᔨᓴᕐᓂᐅᕙᓕᖅᑐᑦ ᐊᑐᖅᑕᐅᕙᓕᓚᐅᕐᓂᖏᑦᑕ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐅᑭᐅᖏᑦ 1950-ᐃᑦ ᐊᑐᖅᑎᓪᓗᒋᑦ ᑮᓇᐅᔭᑎᒍᑦ ᕿᑐᕐᖏᐅᖅᑎᑦᑎᓂᐅᕙᒃᑐᑦ ᐊᓯᔾᔨᒃᑦᑕᓚᐅᕐᓚᑕ ᒐᕙᒪᐅᔪᓂᑦ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᑎᒃ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᓕᓚᐅᕐᓂᖏᓐᓄᑦ. ᓴᖑᓐᓂᐊᕈᑎᕆᔭᐅᔪᓐᓇᕐᒪᑦ, ᐱᔾᔪᑎᕆᖃᓯᐅᑎᓗᒋᑦ ᐊᓯᖏᑦ ᓄᓇᕐᔪᐊᖑᔪᑦ, ᑲᑎᑕᐅᓯᒪᓕᓚᐅᕐᓂᖏᑕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓱᓇᑐᐃᓐᓇᓂᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᑲᓇᑕᒥ ᓈᒻᒪᖏᑦᑐᑎᒍᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑎᑦᑎᓂᐅᔪᓂᑦ ᐊᒃᑐᒐᐅᖅᑲᑦᑕᖅᓯᒪᓪᒪᑕ. ᖃᓄᐃᓪᓗᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᑭᓯᐊᓂ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᑦ ᐅᕙᓗᓐᓃᑦ ᒐᕙᒪᐅᔪᓂᑦ ᖃᖓᑐᐃᓐᓇᖅ ᐱᓕᕆᐊᖑᕙᕆᐊᖃᕐᐸᑦ ᑭᓯᐊᓂ, ᐊᒻᒪᓗ ᑕᒪᒃᑭᑯᓐᓂᙲᖅᑎᑕᐅᕙᙱᑦᑐᑎᒃ ᐱᓕᕆᓂᖅᑲᖅᓂᐅᔪᑦ? ᑖᓱᒥᖓ ᐃᑲᔪᕐᓂᖅᑲᕋᔭᖅᑐᓂᒃ ᓄᖅᑲᖅᑎᑦᑎᓯᒪᓕᕋᔭᕐᓂᖅ ᓯᓚᑦᑐᖅᓴᕐᕖ-ᒐᕙᒪᐅᔪᑦ ᐅᑎᖅᑕᐅᔭᖅᑎᑦᑎᓂᖓᓐᓄᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ ᐃᑲᔪᕈᑎᐅᓕᕈᓐᓇᕐᒪᑦ ᐱᕈᖅᑎᑦᑎᓯᒪᓕᕆᐊᒥᒃ ᐋᖅᑭᒃᓱᐃᓯᒫᔪᑎᓂᒃ ᐊᒻᒪᓗ ᐊᖏᓂᖅᓵᐅᔪᒥᒃ ᐱᓕᕇᔪᑎᖃᕆᕈᓐᓇᕐᓂᕐᓂᒃ ᐱᔭᐅᓯᒪᓕᕆᐊᖃᖅᑐᓂᒃ ᐋᖅᑮᓯᒪᓕᕐᓂᐊᕐᓗᓂ ᓇᓗᓇᐃᖅᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᑲᓇᑕᒥ ᐱᓕᕆᓂᖅᑲᕐᓂᖏᓂᒃ ᓄᓇᕐᔪᐊᖃᖅᑐᓂ ᑮᓇᐅᔭᕐᑯᑎᒃᖃᖅᑎᑦᑎᔪᓐᓇᕐᓂᐅᔪᑦ ᑭᒡᓕᖃᕐᓕᖅᑎᑕᐅᕙᓐᓂᖏᓂ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᑦ ᓂᕆᐅᓐᓂᖃᖅᑎᓪᓗᒋᑦ ᓴᖅᑮᓯᒪᓕᕐᑰᕙᓪᓗᑎᒃ ᐱᓕᕆᓂᐅᓯᒪᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᖃᖅᐸᓐᓂᕐᓄᑦ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᑯᓂ ᖃᐅᔨᓴᕐᕕᐅᔭᕆᐊᖃᕐᓂᖓ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ ᐱᓕᕆᓂᐅᓗᓂ ᓱᓕᓪᓗᑎᒃ ᑕᐃᒪᓐᓇᐃᖅᑯᔭᐅᓯᒪᓪᓗᓂ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑦ (ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᒥᓂᔅᑕᕆᔭᐅᔪᑦ, 2016) ᐱᓕᕆᐊᖑᔭᕆᐊᖃᓕᕐᒪᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᓕᕐᑰᓪᓗᒋᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂ ᓄᑖᖑᓪᓗᑎᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐸᕐᓇᐅᑎᓕᐊᖑᕙᓪᓕᐊᔪᑦ. ᐊᓯᐊᒍᑦ ᐃᓱᒪᓕᖅᓯᒪᓂᐅᔪᖅ ᐃᒪᓐᓇ ᒐᕙᒪᑐᖅᑯᕐᑰᓂᑦ ᓴᓇᕕᐅᔪᑦ ᑭᓯᒥᑐᐊᖑᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᖃᐅᔨᒪᓂᕐᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᔾᔪᑎᒃᓴᓂᒃ ᐱᑕᖃᖅᑎᐅᓂᐊᕐᓂᖏᑦ ᐊᑐᕐᓂᖃᖏᓪᓚᑦ ᐊᒻᒪᓗ ᐅᓪᓗᒥᐅᔪᖅ ᒐᕙᒪᐅᔪᑦ ᐊᑐᓕᕐᑯᔨᓂᖏᓐᓄᑦ ᑲᓇᑕᒥᐅᑦ ᐱᓯᒪᓕᖑᕋᓯᒃᐸᖑᓐᓇᕐᓂᖏᓐᓄᑦ ᐃᑲᔪᖅᑎᑖᕋᓯᒃᐸᒃᑐᑎᒃ ᖃᐅᔨᒪᔾᒪᓇᐅᔪᓂᑦ, ᑭᒃᑯᐃᓐᓇᓂᑦ ᐱᓕᕆᐊᖃᖅᑎᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐃᓛᒃᑯᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᔪᓂᑦ ᐊᓯᐊᒌᖅᓯᒪᑎᑦᑎᓪᓚᑕ.

ᕿᒥᕐᕈᓂᐅᓵᓚᖅᓯᒪᑎᓪᓗᒋᑦ ᑲᓇᑕᒥᑦ ᑐᙵᕕᖁᑎᐅᔪᑦ ᖃᐅᔨᓴᐃᒃᑦᑕᕐᓂᕐᒥ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᓯᒪᓕᖅᑎᓪᓗᒋᑦ (ᓇᐃᓗᕐ ᐊᓯᖏᓪᓗ, 2017), ᐱᐅᓂᖅᐹᑎᒍᑦ ᐱᓕᕆᐊᖃᖅᑐᓂᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ (NCE) ᐱᓕᕆᐊᖅ ᒪᑐᐃᖅᓯᔾᔪᑎᐅᓚᐅᕐᒪᑕ ᓄᑖᑎᒍᑦ ᐱᓕᕆᐊᖃᑎᒌᓕᕈᓐᓇᕐᕕᐅᔪᓂᒃ ᓲᕐᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑎᑐᑦ ᐅᖓᑖᓄᐊᖅᑎᑕᐅᓯᒪᓇᔭᖅᑐᒥᒃ 14 ᐅᑭᐅᓄᑦ ᑎᑭᑎᑕᐅᕙᒃᑲᓗᐊᖅᑎᓪᓗᒍ ᓄᑖᑎᒍᑦ ᐱᓯᒪᓕᕋᓱᐊᕐᓂᐅᕙᒃᑐᓂ ᒥᑭᓪᓚᒃᑐᓂᒃ ᑮᓇᐅᔭᕐᑯᑎᓭᖅᑎᑕᐅᓗᑎᒃ ($75-ᒥᓕᐊᓐᑖᓚᓂᒃ ᐅᑭᐅᓄᑦ 5-ᓄᑦ ᓄᑖᑎᒍᑦ ᐊᒻᒪᓗ ᐱᓕᕆᔾᔪᑎᐅᓯᒪᔪᑎᒍᑦ ᐱᓕᕆᐊᖃᕈᑎᐅᓂᐊᖅᑐᓂᒃ). ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕐᓂᐊᖅᑐᑦ ᑲᔪᑎᑕᐅᓯᒪᕐᑰᓪᓗᒋᑦ ᓂᕆᐅᖕᓂᕆᔭᐅᓕᓚᐅᖅᑐᑦ ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐱᓕᕆᐊᓄᑦ ᐱᕈᒃᑲᓂᖅᑎᑕᐅᔪᓐᓇᖅᑐᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᑐᙵᕕᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᒪᑯᓇᖓ ᐸᕐᓇᐅᑎᐅᓯᒪᔪᓄᑦ:



**1. ᐊᖏᒡᓕᒋᐊᖅᑎᓯᒪᓕᕐᓗᒍ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑲᐅᔨᒪᓂᕐᓄᑦ ᐱᓕᕆᐊᖃᖅᑎᒋᔭᐅᔪᓄᑦ.** ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᖑᔪᑦ ᓄᓇᙳᐊᑎᒍᑦ ᐊᒻᒪᓗ ᐱᐅᓯᑐᕐᑲᓕᕆᓂᖏᑎᒍ ᐱᓕᕆᓂᕆᔪᓐᓇᖅᑕᖏᑦ ᐊᖏᒡᓕᒋᐊᖅᑎᓯᒪᓕᕐᓗᒋᑦ ᓂᒋᐊᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᑦ (ᐃᓄᐃᑦ ᓄᓇᖓᑦ) ᐃᓚᕐᑲᓕᖅᑎᓯᒪᓗᒍ ᐊᕙᒃᑐᖅᓯᒪᓂᖓ ᔫᑲᓐᒧᑦ, ᓄᓇᕐᔪᐊᒧᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᕆᔭᖏᑦ ᓄᓇᑦᓯᐊᑉ, ᓄᓇᕗᑦ, ᑲᓇᖕᖓᓂ ᐃᖅᑭᓖᑦ ᐊᒻᒪᓗ ᐊᓪᓚᖓᔪᑦ ᐃᓅᕐᑲᑎᒌᒃᑐᖏᑦ; ᐊᒻᒪᓗ ᐊᖏᒡᓕᒋᐊᖅᑎᓯᒪᓕᕐᓗᒋᑦ ᐱᓕᕆᕐᑲᑎᒌᑦ ᐱᓕᕆᐊᖏᑦ ᐃᓚᕐᑲᓕᖅᑎᑕᐅᓗᑎᒃ ᓴᖅᑭᐸᑉᐸᓪᓕᐊᓪᓗᑎᒃ ᖃᐅᔨᒪᔨᒻᒪᕆᔭᐅᔪᓂᑦ ᐱᐅᓂᖅᐸᐅᓪᓗᑎᒃ ᐃᖅᑲᓇᐃᔭᕐᕕᒃᑖᖑᕙᓪᓕᐊᔪᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ, ᐊᒻᒪᓗ ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᐊᒻᒪᓗ ᐃᑖᒃᑰᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᕕᐅᔪᓂᒃ.

**2. ᐱᓕᕆᐊᕐᑲᓕᕈᑎᐅᓗᑎᒃ ᑭᓱᑐᐃᓐᓇᓂᒃ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒥ ᑐᓴᐅᔅᓴᕐᑯᑎᒋᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ ᖃᐅᔨᒪᔨᒻᒪᕆᔭᐅᔪᑦ.** ᐊᒥᓱᐃᓕᖕᒐᔪᑎᒍᑦ ᐱᓇᓱᐊᕈᑎᐅᕙᒃᑐᓂᒃ ᐊᒥᖅᑲᕐᑲᑦᑕᕐᓂᐅᔪᑦ ᐊᕙᑎᐅᔪᒧᑦ, ᐋᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒥ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᕐᒥ ᑐᓴᐅᔅᓴᕐᑯᑎᐅᔪᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔨᒻᒪᕆᐅᓂᖏᑕ ᐃᓄᐃᑦ, ᐃᖅᑭᓖᑦ ᐊᒻᒪᓗ ᐊᓪᓚᖓᔪᑦ. ᐊᖏᒡᓕᒋᐊᖅᑎᓯᒪᓕᕐᓗᒋᑦ ᐱᓕᕆᕝᕙᐅᔪᑦ (ᐊᕙᑎᓕᕆᓂᕐᒥ, ᐃᓅᓯᓕᕆᓂᕐᒥ, ᐋᓂᐊᕐᑲᕐᓇᙱᑦᑐᓕᕆᓂᕐᒥ, ᐃᓚᕐᑲᓕᖅᑎᓪᓗᒋᑦ ᓴᓇᕝᕙᓕᕆᓂᕐᒥ) ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᐱᓕᕆᐊᖑᔪᖅ ᐃᑲᔪᕈᑎᐅᓕᖅᓯᒪᔪᑦ ᓄᓇᓖᑦ ᐊᕙᑦᑐᖅᓯᒪᔪᑎᒍᑦ ᐊᑦᑐᖅᑕᐅᔪᓂᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ (IRIS) ᐊᒻᒪᓗ, ᑲᑐᔾᔨᓂᖅᑲᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑲᑎᒪᔨᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᓇᐅᑦᑎᖅᑐᐃᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐅᓪᓗᒥᐅᓕᖅᑐᒧᑦ ᐋᖅᑭᐅᒪᓕᖅᑎᑦᑎᒋᐊᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᑦ (AMAP), ᐊᓯᔾᔨᓯᒪᓕᖅᑎᑕᐅᓗᑎᒃ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᑎᒃ IRIS-ᒋᔭᐅᔪᑦ ᐱᐅᓪᓚᕆᒃᑑᓕᖅᑎᑕᐅᓗᑎᒃ ᖃᕆᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᖏᓐᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᕕᐅᓕᖅᑎᑕᐅᓗᑎᒃ ᑲᔫᔾᓈᓇᐅᔭᖅᑐᒥᒃ ᒫᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕆᐊᕐᑲᑦᑕᕐᓂᐊᖅᑐᓂᒃ.

**3. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᕐᓂᒃ ᐊᐅᓚᑦᓯᓂᐅᔪᑦ.** ᐊᑐᓕᖅᑎᑕᐅᓗᑎᒃ ᐃᓕᐅᖅᑲᒐᐅᓯᒪᔪᑎᒍᑦ ᐱᓇᓱᐊᕈᓯᕐᑲᖅᐸᓕᕋᔭᕐᓂᕐᓄᑦ ᓄᓇᒦᑦᑐᓂᒃ ᐊᐅᓚᑦᓯᔾᔪᑎᐅᕙᒃᑐᓂᒃ ᐃᖏᕐᕋᑦᑎᐊᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᓕᕆᔾᔪᑎᕐᑲᓕᕐᓯᒪᓂᕐᒥ ᐊᒪᓐᓴᓐ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᐱᓕᕆᐊᕐᑲᕈᑎᐅᓕᕐᓗᓂ ᑐᒡᓕᕆᓪᓗᒍ ᖃᐅᔨᓴᕈᑎᕐᑲᕐᓂᕐᒥᒃ ᓯᑯᒥᒃ ᓯᕐᑯᑦᑎᕆᕙᓪᓕᐊᕙᒃᑐᒥᒃ ᐅᒥᐊᕐᔪᐊᒥᒃ ᑲᓇᑕᒥᐅᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᑭᐅᔾᔪᑎᐅᓕᕋᔭᖅᑐᓄᑦ ᐊᖏᒡᓕᕙᓪᓕᐊᖑᓇᖅᑐᓂ ᑲᓇᑕᐅᑉ ᓄᓇᕐᔪᐊᖓᓄᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᐅ ᑕᕆᐅᑦ ᓯᒡᔭᖏᓄᑦ ᐊᒻᒪᓗ ᑕᕆᐅᖏᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᑐᐃᓐᓇᐅᓕᕐᕕᐅᔪᒪᓂᐅᔪᓄᑦ.

**4. ᓵᙱᒃᑎᓯᒪᓕᕆᐊᕐᓗᒋᑦ ᐊᒻᒪᓗ ᐃᑲᔪᖅᑐᒐᐅᓯᒪᓕᕐᓗᑎᒃ ᐊᔾᔨᒌᙱᐅᖅᑐᑎᒍᑦ ᐱᓕᕆᐊᖃᖃᑎᖃᕐᓂᐅᔪᑦ.** ᐊᖏᒡᓕᒋᐊᖅᑎᓯᒪᓕᕐᓗᒋᑦ ᐱᓕᕆᐊᖃᖃᑎᖃᕐᓂᐅᔪᑦ ᐃᑖᒃᑰᖓᓪᓗᑎᒃ ᐊᒻᒪᓗ ᒪᑭᓴᐃᔨᐅᓪᓗᑎᒃ ᐱᓕᕆᕝᕕᐅᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᕐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᑲᑐᔾᔨᓂᖅᑲᓕᕐᓗᑎᒃ ᐱᓕᕆᐊᖃᖃᑎᖃᕐᓂᒃᓴᒥᓐᓄᑦ ᒐᕙᒪᐅᔫᓇᑎᒃ ᑎᒥᖁᑎᒋᔭᐅᔪᓂᒃ.

**5. ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐊᒻᒪᓗ ᐃᓄᓐᓂᒃ ᓯᕗᓕᖅᑎᖃᖅᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐱᓕᒻᒪᒃᓴᐃᓂᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᑦ.** ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᐃᓄᐃᑦ ᐱᓕᕆᐊᖃᖃᑎᒌᓐᓂᖏᓂᒃ ᐱᕈᖅᑎᑦᑎᕆᐊᕐᓂᖅ ᐊᒻᒪᓗ ᓂᕆᐅᓐᓂᕆᔭᐅᔪᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᑐᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᒥᓂᔅᑕᕆᔭᐅᔪᓂᑦ, ᐃᑲᔪᖅᓯᓂᕐᑲᓕᕐᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒥᒃ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᓕᒻᒪᒃᓴᐃᔨᐅᔪᓐᓇᕐᓂᕐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ ᐊᒻᒪᓗ ᓄᓇᖃᖅᑳᖅᓯᒪᔪᓂᑦ ᐃᓚᕐᑲᖅᑎᓪᓗᒋᑦ ᓱᓕᕐᑲᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᓂᖏᑦ ᓯᐊᒻᒪᒃᑎᑕᐅᒋᒪᓪᓗᑎᒃ ᐱᓕᕆᐊᖃᖅᑎᒌᓐᓂᓇᔪᐊᑦ ᐱᒋᐊᖅᑎᑎᓯᒪᓕᕋᔭᕐᓂᕐᒥᒃ ᔫᑲᓐᒥ, ᓄᓇᑦᓯᐊᕐᒥ, ᓄᓇᕗᒻᒥ, ᓄᓇᕕᒻᒥ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᒻᒥ; ᐃᑲᔪᖅᓱᐃᓪᓗᑎᒃ ᐅᔾᔨᕆᔭᐅᓕᕐᓂᖏᑦ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᒃᓴᖏᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ; ᐊᒻᒪᓗ ᖁᕝᕙᖅᑎᑕᐅᒋᐊᖅᓯᒪᓕᕐᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᖃᐅᔨᒪᓂᖅᑲᕐᓂᖏᑦ ᐱᓕᒻᒪᒃᓴᐃᔨᐅᕙᒋᐊᒧᑦ ᐊᒻᒪᓗ ᒫᒃᑯᒃᑐᓂᒃ ᐱᓕᕆᐊᖃᖅᑲᖅᑕᐅᓕᖅᑎᑦᑎᓇᔭᕐᓂᖅ.

**6. ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᓂᖏᑦ.** ᐃᑲᔪᖅᑐᒐᐅᓕᕐᓗᑎᒃ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᓂᖏᑦ ᑎᒥᒃᑯᑦ ᐊᒻᒪᓗ ᐃᓱᒪᒃᑯᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᓂᐅᔪᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑐᖓᓂᕐᒥᐅᓂ ᐱᓕᕆᐊᖅᑲᖅᑎᒋᑦᑎᐊᕐᓗᒋᑦ ᐃᓄᐃᑦ, ᐃᖅᑭᓖᑦ, ᐊᓪᓚᖓᔪᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐊᒻᒪᓗ ᐳᕌᕝᕆᐅᔪᓂ ᐋᓐᓂᐊᖅᑲᕐᓇᙱᑦᑐᓕᕆᓂᕐᒧᑦ ᑎᒥᒋᔭᐅᔪᑦ.

**7. “ᐊᖏᔪᐊᓗᒃ ᖃᐅᔨᓴᐃᓂᐅᔪᖅ” ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ”.** ᐱᑕᖅᑲᓕᖅᑎᑦᑎᓗᑎᒃ ᑲᓇᑕᒥᐅᑦ ᖃᐅᔨᓴᐃᔨᖏᓐᓂᒃ ᑲᓇᐅᔭᑎᒍᑦ ᐱᒋᐊᕈᑎᔅᓴᖅᑎᑕᐅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᖏᓂᒃ ᐃᓚᐅᖃᑕᐅᓕᕈᓐᓇᖅᕕᐅᓗᑎᒃ ᐊᒻᒪᓗ ᓯᕗᓕᖅᑎᒋᔭᐅᓕᕈᓐᓇᕐᓗᑎᒃ ᐊᖏᔪᐊᓘᑦᑐᓂ ᐊᒥᓱᐃᓂᑦ ᓄᓇᕐᔪᐊᖅᓂ ᐱᓕᕆᐊᕆᔭᐅᓇᓱᒃᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᓂ ᐊᒻᒪᓗ ᓇᐅᑦᑎᖅᑐᐃᔨᐅᓂᕐᒥ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᐸ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᑎᒍᑦ ᐅᑭᐅᖅᑕᖅᑐᓕᕆᔪᓂ.

ᓱᓕᒃᑲᓐᓂᖅ 1990-ᐃᑦ ᐅᑭᐅᖏᑦ ᐊᑐᖅᑎᓪᓗᒋᑦ, ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ ᓇᓪᓕᐊᓄᑦ ᐃᖏᕐᕋᓂᖅᑲᓕᕐᕕᒃᓴᖅᑲᖅᑎᑕᐅᑎᓪᓗᒍ ᐊᒻᒪᓗ ᓄᑖᓂᒃ ᑐᑭᒧᐊᒋᐊᕈᑎᒃᓴᖏᓂᒃ ᐱᓯᒪᓕᕆᐊᖅᑲᕆᓚᐅᕐᒪᑕ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᑲᔪᓯᑎᑦᑎᓂᐊᖅᑐᑦ ᖄᓇᐅᔭᖁᑎᔅᓴᖅᑖᕐᕕᐅᔪᓐᓇᖅᔭᖅᑐᓂᒃ ᐊᒻᒪᓗ ᑲᑎᑕᐅᓯᒪᓕᕐᓂᒃᓴᖏᓂᒃ ᐱᓯᒪᓕᖅᓱᐊᕐᓂᕐᒥᓐᓂᒃ ᓯᓚᑦᑐᖅᓴᕐᕕᖕᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᔾᔪᑎᒃᓴᓂᒃ ᖁᑦᑎᒍᖅᑎᑕᐅᓯᒪᔪᓂᒃ ᑐᕌᕐᕕᒃᓴᖅᑎᑦᑎᓂᕐᒥᒃ ᓵᙱᓂᖅᑖᖅᑎᐊᖅᑐᓂᒃ ᖃᐅᔨᒪᔨᒻᒪᕆᓐᓂᒃ ᐃᓚᐅᑎᑦᑎᓗᑎᒃ ᑲᓇᑕᒥᑦ ᓴᖅᑭᐸᑉᐸᓪᓕᐊᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂᒃ. ᖁᔭᓐᓇᒦᖅᐸᕗᑦ ᑕᒪᕐᒥᒃ ᑲᓇᑕᒥᐅᓂᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑭᓱᑐᐃᓐᓇᓂᒃ ᖃᐅᔨᓴᐃᔨᐅᕙᒃᑐᑦ ᐱᓕᕆᐊᕆᓕᖅᓯᒪᔭᑦᑎᓐᓄᑦ ᐃᑲᔪᖅᓯᓂᕐᑲᑦᑕᖅᓯᒪᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᓯᕗᓂᕆᔭᑦᑎᓐᓂ ᐃᑲᔪᖅᓯᓂᕐᑲᓂᑦᓯᓐᓄᑦ ᐱᓕᕆᐊᕆᓂᐊᖅᑕᑦᑎᓐᓂᒃ.

Louis Fortier
ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ ᑐᑭᒧᐊᒃᑎ

Leah Braithwaite
ᐊᓪᓚᕕᖕᒥ ᐃᓱᒪᑕᖅ

Bernie Boucher
ᐃᒃᓯᕙᐅᑕᖅ – ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓂ

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www.sciencereview.ca/eic/site/059.nsf/eng/home

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# ᖃᐅᔨᓴᐃᓂᖅᐸᓐᓂᖅ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᔨᐅᓐᓂᖅ

## ᑲᑎᑎᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᓖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᓂᑦ ᐊᑦᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᐃᓂᖅ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ 42-ᖑᔪᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᕆᑲᐃᓐᓇᖅᑕᖏᑦ ᐃᑲᔪᕐᓂᖃᑦᑕᕆᕗᑦ ᓯᑕᒪᐅᓪᓗᑎᒃ ᑲᑎᑎᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᓖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᓂᑦ ᐊᑦᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᓄᑦ (IRISes). ᐊᑐᓂ ᓯᑕᒪᐃᓪᓗᑎᒃ IRIS-ᖑᔪᑦ ᐱᓕᕆᐊᒥᓐᓂᒃ ᓴᖅᑮᓂᖃᖃᑦᑕᖅᐳᑦ ᐊᑕᐅᑦᓯᒧᑦ ᒐᕙᒪᓕᕆᓂᕝᕕᐅᔪᓂ-ᓄᓇᕐᔪᐊᕆᔭᐅᔪᓄᑦ ᐋᖅᑭᐅᒪᓂᐅᔪᓄᑦ-ᑕᕆᐅᓕᕆᔨᐅᔪᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐱᓕᕆᐊᖃᖅᑎᓪᒪᕆᐅᔪᓄᑦ ᑕᕆᐅᑉ ᓯᒡᔭᖕᒐᓂ ᑲᓇᑕᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᖏᓂ. ᑕᒪᒃᑯᐊ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᑐᑭᓕᐅᕆᖃᑦᑕᕐᒪᑕ ᖃᐅᔨᒪᓂᐅᔪᑦ ᐱᓕᕆᐊᖑᓕᖅᑎᑕᐅᓐᓂᖏᓂᒃ ᑲᑎᓯᒪᓕᖅᑎᑦᑎᓐᓂᕐᒥᒃᑎᒍᑦ ᖃᐅᔨᓴᐃᔨᐅᔪᓂᒃ ᐊᒻᒪᓗ ᑎᒍᒥᐊᖅᑎᕆᔭᐅᔪᓂᒃ ᑭᖑᕙᖅᑎᑕᐅᓯᒪᙱᑦᑐᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓄᑦ ᑐᕌᖓᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᑐᑭᒧᐊᒍᑎᒃᓴᐅᓂᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐊᑐᕐᓂᖅᑐᓂᒃ ᒪᓕᒐᓕᐅᕐᑯᔨᐊᓪᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᒥᓂᒃ, ᑕᒪᒃᑯᐊ ᐃᑲᔪᕈᑎᐅᓕᖅᐸᓪᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᓄᓇᓕᕆᔭᖏᑕ ᐋᖅᑭᒃᓱᐃᕙᓐᓂᖏᓐᓄᑦ ᐱᕈᒃᑲᓐᓂᓇᐊᕈᓐᓇᖅᑐᓂᒃ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᓐᓂᖏᓐᓄᑦ. ᓲᕐᓗ ᑕᒪᐃᑎᒍᑲᓴᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐱᓕᕆᐊᕆᑲᓐᓇᖅᑕᖏᑦ ᐊᐅᓚᑕᐅᓂᖅᐸᒃᑐᑦ ᑲᓇᑕᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᓕᒫᖏᓂ, ᐊᒥᓱᑦ ᐃᑲᔪᕐᓂᖅᐸᒃᑐᑎᒃ ᐊᒥᓱᕐᓚᐅᓪᓗᑎᒃ ᓯᑕᒪᐅᔪᓄᑦ ᖃᐅᔨᓴᐃᓂᕐᕕᐅᔪᓄᑦ.

## ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔾᔪᖅᑏᑦ 1-ᖓᑕ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᔪᑦ

2015-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᒃᓯᓂᐊᖃᑎᒌᑦ ᐅᖃᓕᒫᒐᙳᖅᑎᑦᑎᓯᒪᓚᐅᖅᐳᑦ ᖃᐅᔾᔪᖅᑏᑦ 1 ᐅᓂᒃᑳᓕᐊᕆᓯᒪᔾᔪᑎᓂᒃ, ᑕᐃᔭᐅᓪᓗᑎᒃ *ᖃᐅᔾᔨᓴᐃᓂᕐᓂᑦ ᒪᓕᒐᖁᑎᓕᐅᕐᓂᕐᓄᑦ ᐅᐊᓕᓂᕐᒥᐅᓂ ᐊᒻᒪ ᕿᑎᕐᒥᐅᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ: ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᔪᓂᑦ ᐊᒃᑐᐃᓂᕐᓄᑦ ᖃᐅᔾᔨᓴᐃᓂᖅ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐊᒻᒪ ᐅᓪᓗᒥᒧᑦ ᐱᓕᕆᔾᔪᑎᓂᒃ ᑎᑭᑎᑦᑎᓯᒪᓕᕆᐊᕐᓂᖅ*. ᑖᒃᑯᐊ ᐅᖃᓕᒫᒐᓕᐊᕈᓯᒪᔪᑦ ᓴᖅᑭᑕᐅᓯᒪᔪᓐᓇᖅᓯᓚᐅᕐᒪᑕ ᐅᑭᐅᓄᑦ ᐊᒥᓱᓄᑦ ᖃᐅᔾᔨᓴᐃᓂᖃᖅᓯᒪᓕᕐᓂᕆᓐᓂᑦ ᐊᒻᒪ ᖃᐅᔨᒋᐊᖃᑦᑕᖅᓯᒪᓂᐅᔪᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕆᐊᖅᑐᑎᒃ ᐊᕗᑎᓕᕆᓂᕐᒥ, ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᓂᕐᓂ ᐊᒻᒪ ᐃᓅᖃᑎᒌᒃᑐᓕᕆᓂᕐᓂ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓐᓂᐅᔪᓄᑦ ᐊᒻᒪ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐋᖅᑭᐅᒪᓕᕆᐊᖅᑎᑦᑎᓂᕐᒥ ᓱᕐᕃᓕᖅᐸᐅᑎᑦᒃᓴᖁᑎᕆᔭᐅᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂ ᓄᓇᖃᖅᑐᓂ ᐃᓄᕕᐊᓗᐃᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᕆᓂ, ᓄᐊᔅ ᓯᓘᑉᒥᐅᓂ ᔫᒃᓐᒥ ᐊᒻᒪ Hᐅᖁᓱᑦᖃᖅᑕᖅᑕᕐᒪᓂᕐᒥᐅᓂ ᐊᒻᒪ ᕿᑎᕐᒥᐅᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᖓᓂᕐᒥᐅᓂ ᓄᓇᕗᒻᒥ.

***“ᑖᒃᑯᐊ ᖃᐅᔨᕆᐊᕐᓂᐅᔪᑦ ᐊᔾᔨᖃᙱᓪᓚᑕ ᐃᒪᓐᓇ ᐊᑕᕝᕙᕆᑐᕋᐅᓐᓂᐅᔪᓂᒃ ᐋᖅᑭᐅᒪᓕᖅᑎᑦᑎᕆᐊᕐᓂᑐᐃᓐᓇᐅᙳᕆᓪᓚᑕ ᐃᓚᖏᓂᒃ ᓄᑕᐅᓂᖅᐸᐅᓪᓗᑎᒃ ᓯᓚᓕᕆᓂᕐᒧᑦ ᑐᕌᖓᓪᓗᑎᒃ ᖃᐅᔾᔨᒪᓂᕆᔭᐅᔪᓄᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᕆᔭᐅᔪᒥ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᐊᒻᒪ ᓴᖅᑭᓯᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᓂᖃᖅᑎᓪᓗᒋᑦ ᑐᑭᓯᓇᕐᓯᐊᖅᑑᕆᐊᖅᑐᒋᑦ ᐃᓄᑐᐃᓐᓇᓄᑦ, ᑭᓯᐊᓂᓗᑦᑕᐅᖅ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᓂᖃᓚᐅᕐᒪᑕ ᒪᓕᒃᑎᑕᐅᓪᓗᑎᒃ ᐱᓕᕆᓂᐅᕙᓪᓕᐊᓚᐅᖅᑐᓄᑦ ᑲᑐᔾᔨᓂᖅᑲᑎᖅᑐᑎᒃ ᐃᓄᖕᒋᓐᓂᒃ ᓄᓇᓕᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᒻᒪ ᐱᓕᕆᐊᖃᕐᓂᒥ ᐊᓯᔾᔨᖅᓯᒪᓕᕆᐊᕐᓂᖏᑦ ᑐᑭᖓᔪᓂᒃ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᕙᒃᑐᓄᑦ ᖃᐅᑕᒫᑦ.”***

ᑭᐅᕆ ᓯᐆᓐ, ᑎᑎᕋᖅᑎᐅᖃᑕᐅᔪᖅ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐊᒻᒪ ᐃᓕᓴᐃᔨᔪᐊᖅ ᑲᓚᐃᑕᓐ Hᐃ. ᓇᑦᑐᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᑕ ᐊᕝᕕᑎᓕᓇᔾᔪᕆᓐᓂ, ᓄᓇᕐᔪᐊᓕᓇᓂᕐᓂ, ᐊᒻᒪ ᓱᓇᖁᑎᕆᔭᐅᔪᓕᓇᓂᕐᓂ, ᒫᓂᑑᐸ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᑦ

ᒪᒃᐱᖃᖅᑲᖅᑐᓂ 432-ᓂᒃ ᐅᖃᓕᒫᒐᓕᐊᕗᓯᒪᔪᖅ ᖃᐅᔾᔨᓴᐃᓂᖃᓚᐅᕐᓂᕐᒧᑦ ᐃᓚᖃᕐᐳᖅ 10-ᓂᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᔾᔪᑎᐅᔪᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᐅᓪᓗᑎᒃ ᓵᑕᕆᔭᐅᔪᓂᒃ ᐅᖃᐅᓯᕆᓯᒪᓪᓗᒋᑦ ᑕᕆᐅᒥ ᑐᖁᓐᓇᖅᑐᖃᓕᖅᐸᓐᓂᐅᔪᑦ, ᐃᓄᐃᑦ ᑭᒃᑯᐃᓐᓇᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᕝᕙᓐᓂᖕᒋᓐᓄᑦ, ᐅᐊᔭᖅᐸᓐᓂᕐᒧᑦ ᐊᒻᒪ ᐅᒥᐊᒃᑯᑦ ᐃᖕᒋᕋᕝᕙᓪᓕᐊᕝᕙᓐᓂᕐᓄᑦ, ᓂᕿᔅᓴᕆᓂᐊᖅᑕᓂᒃ ᐊᒻᒪ ᐱᐅᓯᑐᖃᕆᔭᐅᔪᓂᒃ ᒥᐊᓂᖅᓯᓯᒪᓕᕆᐊᕐᓂᕐᒧᑦ ᐊᒻᒪ ᓱᓇᖁᑎᐅᔪᓂᒃ ᐱᕙᓪᓕᐊᑎᑦᑎᕙᓐᓂᕐᓄᑦ. ᑖᒃᑯᐊ ᐅᖃᓕᒫᒐᓕᐊᕗᓯᒪᔪᑦ ᐃᓗᓕᖃᕈᑦ ᑲᑎᑕᐅᓯᒪᓂᕆᓐᓂᒃ ᐊᒻᒪ ᐃᓱᒪᓕᐅᕈᑎᓂᒃ ᐊᕙᒃᑐᖅᓯᒪᓂᕆᓐᓂ ᓇᓗᓇᐃᔭᐃᓯᒪᓪᓗᑎᒃ ᐱᓗᐊᖅᑐᒥᒃ ᓱᕐᕃᓕᖅᐸᐅᑎᑕᐅᖁᔭᐅᓯᒪᔪᓂᒃ ᐊᒻᒪ ᐱᔭᐅᓯᒪᓕᕈᒪᓂᕐᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᑎᒍᒥᐊᖅᑎᕆᔭᐅᔪᓂᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ ᐊᓪᓚᕝᕕᖕᒥ ᐃᓱᒪᑕᓇᔾᔪᖓᑦ ᐃᓚᒋᓪᓗᒍ ᖃᐅᔾᔪᖅᑏᑦ 1-ᒧᑦ ᐋᖅᑭᒃᓯᐃᔨᕆᔭᐅᔪᖅ ᐅᐸᒍᑎᓯᒪᓚᐅᖅᐳᖅ ᐅᐊᓕᓂᐅᑉ ᑕᓇᐅᖓᓂ ᐱᓕᕆᐊᖅᑲᑎᒌᖑᔪᑦ ᑲᑎᒪᓂᖅᑲᖅᑎᓪᓗᒋᑦ ᐃᓅᕙᖕᒥ ᐅᒃᑐᐱᓇ 2015-ᖑᑎᓪᓗᒍ ᓴᖅᑮᔭᖅᑐᖅᓯᒪᓪᓗᑎᒃ *ᐅᐊᓕᓂᕐᒥ ᐊᒻᒪ ᕿᑎᕐᒥᐅᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔾᔪᖅᓂᐅᔪᓄᑦ* ᐃᓚᖏᓐᓄᑦ ᐱᓕᕆᐊᖅᖃᖅᑎᐅᔪᓂ ᐱᓕᕆᐊᖅᖃᖅᑎᒻᒪᕆᐅᓪᓗᑎᒃ ᑎᒍᒥᐊᖅᑎᕆᔭᐅᔪᓄᑦ. ᑐᓪᓚᕆᔭᖓᓂᒃ ᓴᖅᑮᒪᓕᓚᐅᖅᐳᑦ ᐃᖃᓗᒃᑑᑎᐊᕐᒥ ᕙᐸᐊᕆ 2016-ᒥ 17-ᕆᔭᖓᓂᒃ ᐅᑭᐅᑕᒫᑦ ᕿᑎᕐᒥᐅᑦ ᐱᓕᕆᕝᕕᖕᒋᑕ ᑕᑯᔭᒃᓴᖅᖃᖅᑎᑦᑎᓯᒪᓂᑦᑐᕆᑦ. ᑭᖑᓂᐊᓂᓗ ᓴᓂᕋᖓᓂ ᑲᑎᒪᓂᖅᖃᖅᑎᑕᐅᓚᐅᖅᑐᑎᒃ ᓄᓇᕗᒻᒥ ᐱᔾᔪᑎᖃᖅᑎᕆᔭᐅᔪᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐅᑎᕆᔭᐅᕙᓪᓕᐊᔪᓄᑦ ᑭᓪᓕᓯᓂᐊᖅᑎᒃᑯᖕᒋᑦ, ᓄᓇᕗᒻᒥ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᓄᑦ ᕿᒥᕐᕈᐋᑦ ᑲᑎᒪᔨᕆᔭᖕᒋᑦ, ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔩᒃᑯᑦ ᑲᑎᒪᔩᖕᒋᑦ, ᓄᓇᕗᑦ ᒐᕙᒪᒃᑯᖕᒋᑦ ᐊᒻᒪ ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᖁᑎᖓᑦ ᓴᖅᑭᔭᖅᑐᕐᕕᒋᓪᓗᒋᑦ ᐊᒻᒪ ᐅᖃᓪᓚᐅᓯᕆᔭᖅᑐᖅᑎᒋᑦ ᖃᐅᔾᔪᖅᑏᑦ 1 ᖃᐅᔨᕆᐊᕐᓂᖅᓂᕐᒥᓐᓂ ᖃᐅᔨᓯᒪᓕᓚᐅᖅᑕᖕᒋᓂᒃ.

### ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔾᔪᖅᑏᑦ 1: ᐅᐊᖕᓇᖓᓂ ᐊᒻᒪ ᕿᑎᕐᒥᐅᓂ ᐅᑭᐅᖅᑕᖅᑐᐸ

ᓯᕗᓕᖅᑎᖓᑦ: ᑭᐊᓇ ᓯᐆᕐᓐ,
*ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓᓂ ᒫᓂᑑᐸ*
ᐋᑦᑭᒃᑐᐃᓕᖓᑦ: ᐋᔅᓕ ᒥᑎᓐ

### ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔾᔪᖅᑏᑦ 2: ᕿᑭᖅᑖᓘᐸ ᒥᒃᓵᓂ

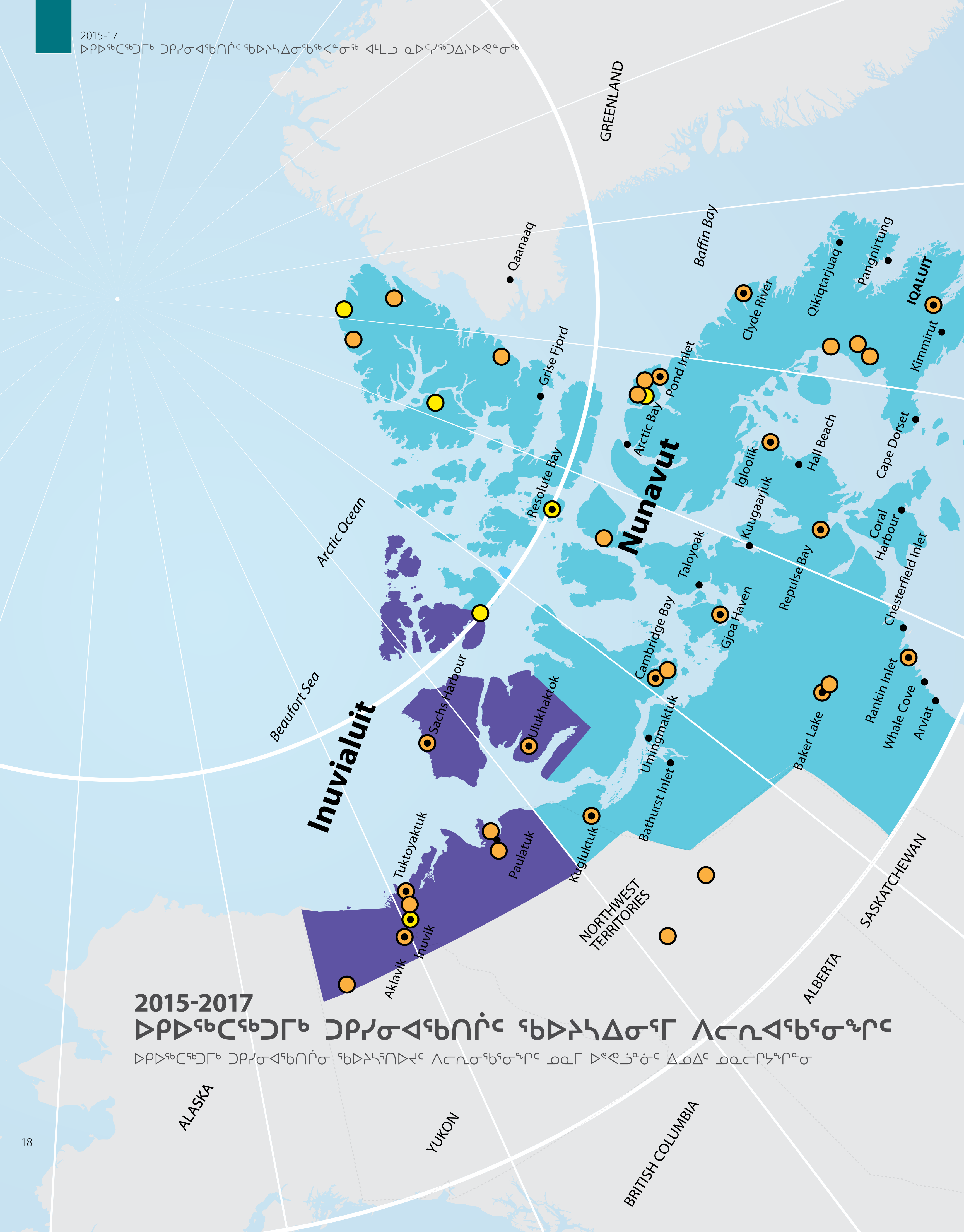
ᓯᕗᓕᖅᑎᖓᑦ: ᑐᕋᕗᕐ ᐱᐅᓪ,
*ᒪᒍᐊᓇᐅᓪ ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓᓂ ᓂᐅᕗᐅᓐᑖᓐᒥ*
ᐋᖅᑭᒃᓯᐃᔨᖓᑦ: ᑖᓐᔭ ᐳᕋᐅᓐ

### ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔾᔪᖅᑏᑦ 3: Hᐊᑦᓴᓐ ᐸᐃ

ᓯᕗᓕᖅᑎᖓᑦ: ᑕᐃᕙᑦ ᐹᕐᐳᕐ,
*ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓᑦ ᒫᓂᑑᐸᒥ*
ᓯᕗᓕᖅᑎᐅᖃᑕᐅᔪᖅ: ᔭᐅ ᔭᐅ ᑰᐱᒃ,
*ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓᑦ ᒫᓂᑑᐸᒥ*
ᐋᖅᑭᒃᓯᐃᔨᐅᔪᒃ: ᓗᐊᕋᓐ ᑳᓐᓚᓐ ᐊᒻᒪ ᒥᓯᐊᓪ ᑲᒧᓚ

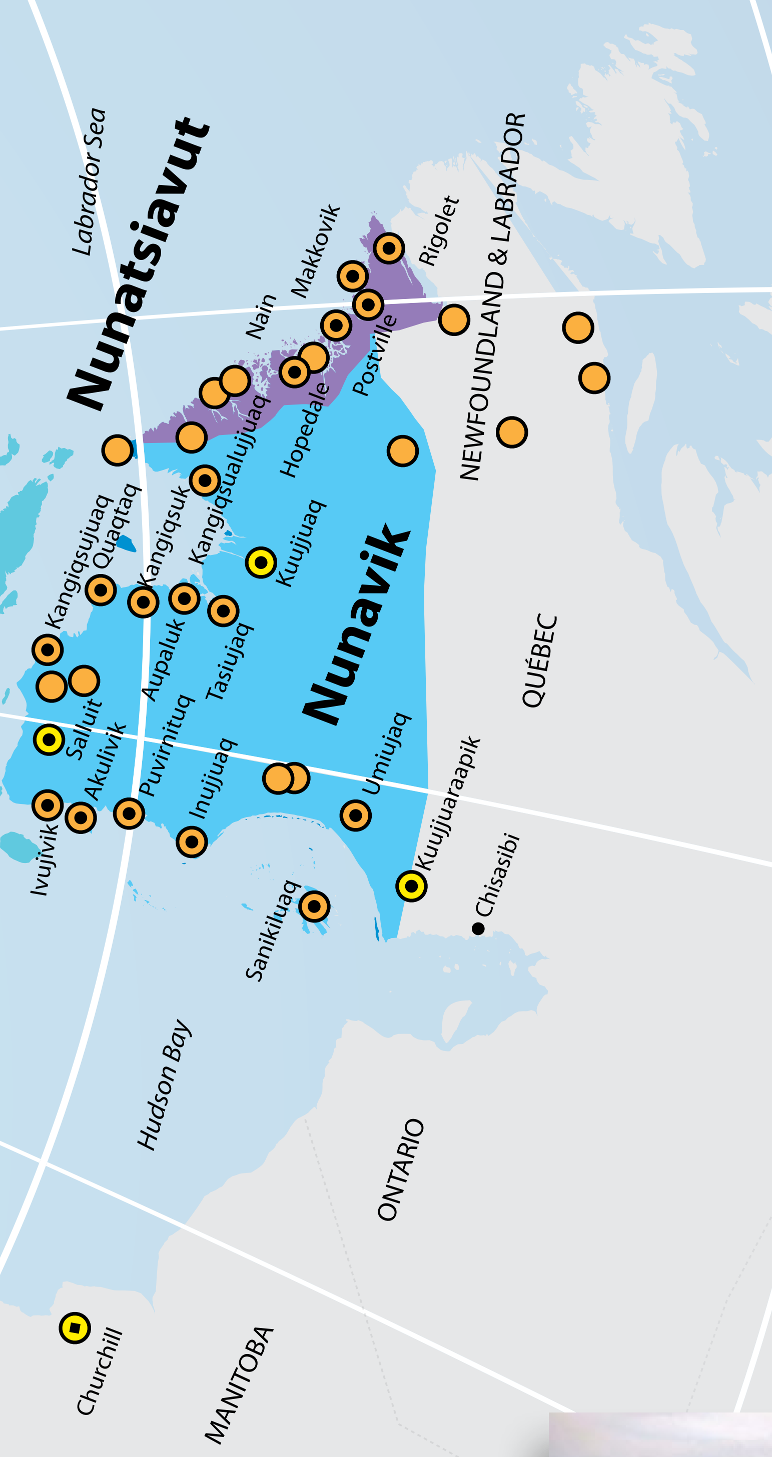
### ᑲᑎᓯᒪᔪᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔾᔪᖅᑏᑦ 4: ᐅᑭᐅᖅᑕᖅᑑᐸ ᑲᓇᖕᓇᖓᓂ

ᓯᕗᓕᖅᑎᖓᑦ: ᒥᓯᐊᓪ ᐊᓛᑦᑦ, ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓᓂ ᓚᕖᑦ
ᐋᖅᑭᒃᓯᐃᔨᖓᑦ: ᒥᑭᐋᓪ ᓚᒪᐃ
ᖃᐅᔾᔭᖅᓂᐅᔪᓄᑦ ᐱᓕᕆᐊᒧᑦ ᐊᐅᓚᑦᓯᔨ: ᒥᑭᐊᓪ ᒪᓚᐃ



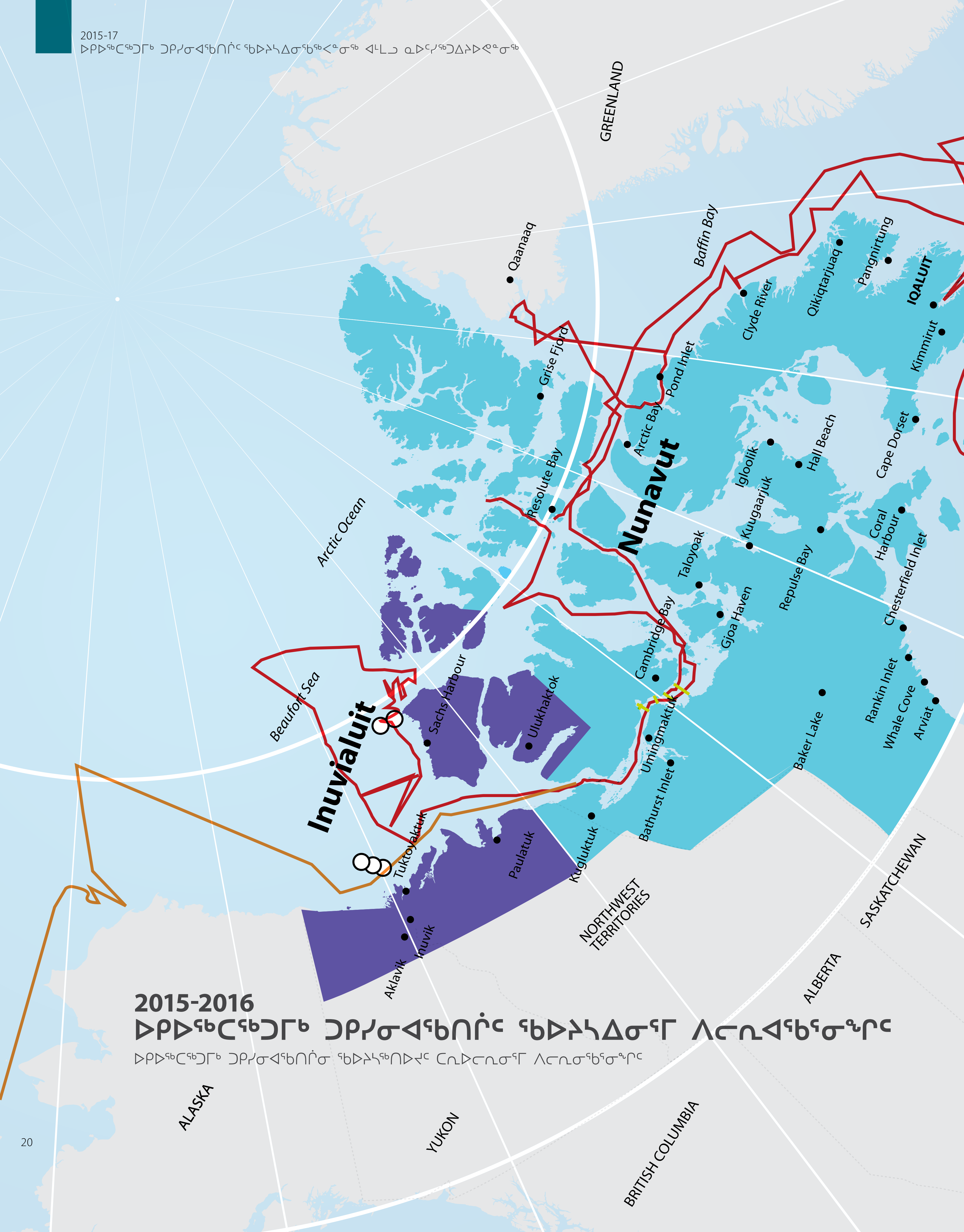

## 2015-2017
## ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᓵᑦ ᖃᐅᔨᓴᐃᓂᒧᑦ ᐱᓕᕆᐊᖃᕐᓂᖏᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᓵᓂ ᖃᐅᔨᓴᕐᑎᐅᔪᑦ ᐱᓕᕆᓂᖃᕐᓂᖏᑦ ᓄᓇᒥ ᐅᕙᓃᙶᓂᑦ ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᖕᓂ



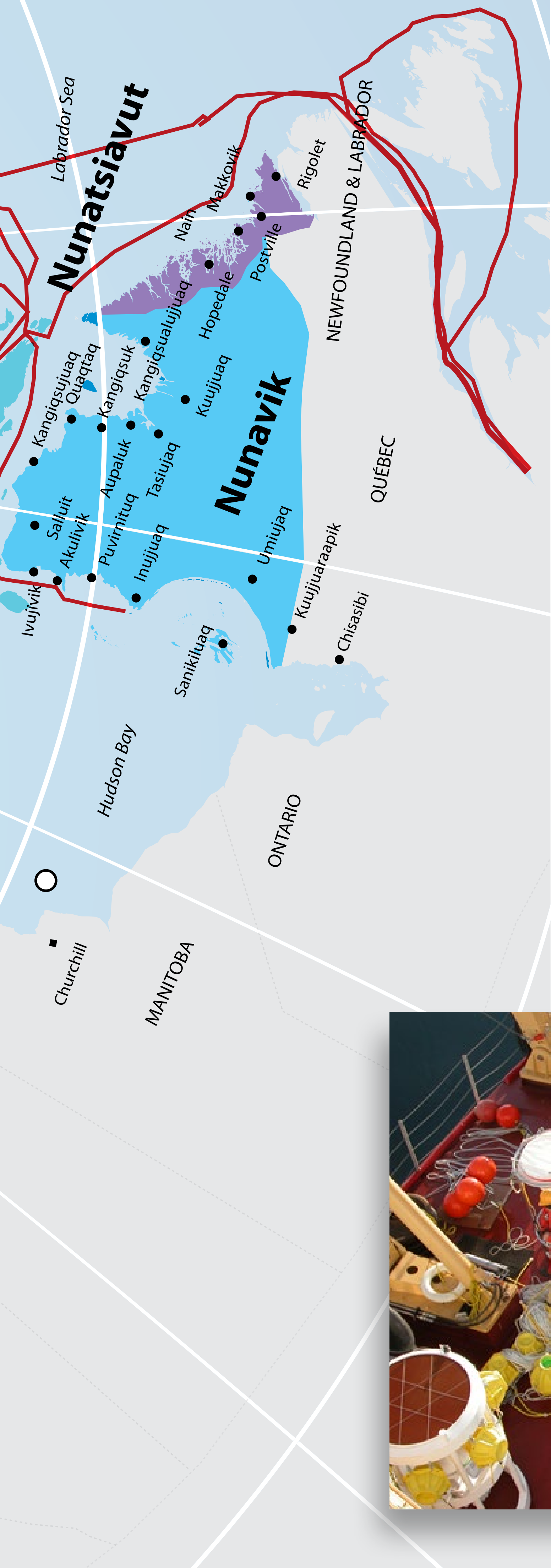

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᐱᓕᕆᓂᖃᕐᓂᖏᑦ ᓄᓇᒥ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓄᐃᑦ ᓄᓇᓕᒋᔭᖏᓐᓂ ᑐᙵᕝᕕᖃᕈᓐᓇᕐᒪᑕ ᖃᐅᔨᓴᕐᕕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᕐᕕᐅᔪᓄᑦ ᓰᕐᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᕐᑯᑎᒋᔭᐅᔪᓂᒃ ᖃᐅᔨᓴᕐᕕᐊᓗᖕᒧᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐊᐅᓚᑕᐅᔪᓂᑦ (PCSP), ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᐃᓕᓐᓂᐊᕐᕕᐅᔪᓄᑦ (CEN), ᓄᓇᕕᒃᒥ ᖃᐅᔨᓴᕐᕕᖕᒧᑦ, ᑰᔾᔪᐊᕐᒥ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᐃᓕᓐᓂᐊᕐᕕᐅᔪᓄᑦ, ᐊᕈᐊᕋ ᖃᐅᔨᓴᕐᕕᒻᒧᑦ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᖃᐅᔨᓴᕐᕕᒻᒧ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖏᑦ ᐱᓕᕆᐊᒥᒃᑎᒍᑦ ᓯᓚ ᐃᑲᔪᖅᑐᐃᓂᖃᖅᐳᑦ ᐊᒥᓱᐃᓚᖓᔪᑎᒍᑦ ᐋᖅᑮᕆᐊᕈᑎᐅᓪᓗᑎᒃ ᐱᓕᕆᐊᖅᑲᕈᓯᐅᕙᒃᑐᓄᑦ ᐱᓕᕆᐊᖅᑲᕐᓕᕐᓂᕐᓂ ᐱᔭᒃᓴᑲᑦᓚᐅᔪᓂᒃ ᐱᓕᕆᐊᒃᓴᐅᔪᓂᒃ ᑕᕆᐅᑦ ᓯᒡᔭᒋᔭᖏᓐᓂ ᑲᓇᐅᑉᐅᑭᐅᖅᑕᖅᑐᖓᓂ, ᐱᓯᒪᓕᕈᒪᓪᓗᑎᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓄᑦ ᐃᓚᑰᓂᖅᑲᕐᕕᐅᔪᓂᒃ ᐃᑲᔪᕈᑕᐅᓕᕐᓂᐊᖅᑐᑎᒃ ᐋᖅᑭᒃᓯᐃᕙᓪᓕᐊᓂᕐᓂ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑦᑎᓯᒪᓕᕋᔭᕐᓂᕐᓂ ᒪᓕᒐᕐᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐋᖅᑭᐅᒪᓕᕆᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᒍᑎᐅᓯᒪᔪᓂᒃ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ ᐱᓕᕆᓂᖃᖅᑐᑦ ᐅᓪᓗᒥᐅᔪᒥ ᖃᓄᐃᓕᖓᓂᕆᔭᐅᔪᓂᒃ ᑕᕆᐅᑦ ᓯᒡᔭᖏᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ, ᐊᒻᒪᓗ ᑐᑮᕐᕕᒃᓴᖅᑲᖅᑐᑎᒃ ᐊᕙᑎᐅᔪᒧᑦ ᐊᒻᒪᓗ ᖃᓄᑎᒋ ᐊᒃᑐᐃᓯᒪᓂᕆᓕᖅᑕᖓᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒻᒪᓗ ᐅᓪᓗᒥᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕆᐊᕐᓂᐅᔪᓂᑦ ᐱᓕᕆᔾᔪᑎᒋᔭᐅᕙᒃᑐᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑦ ᕿᑦᑎᖕᓂᖓᑎᒍᑦ ᓂᕆᐅᒋᔭᖅᑲᓕᕈᒪᓪᓗᑎᒃ ᖃᐅᔨᔭᐅᓯᒪᓕᕋᔭᕐᓂᖏᑕ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᐊᖅᑐᓂ ᐅᑭᐅᓂ 40-ᓂ ᓯᕗᓂᑦᑎᓐᓂ.



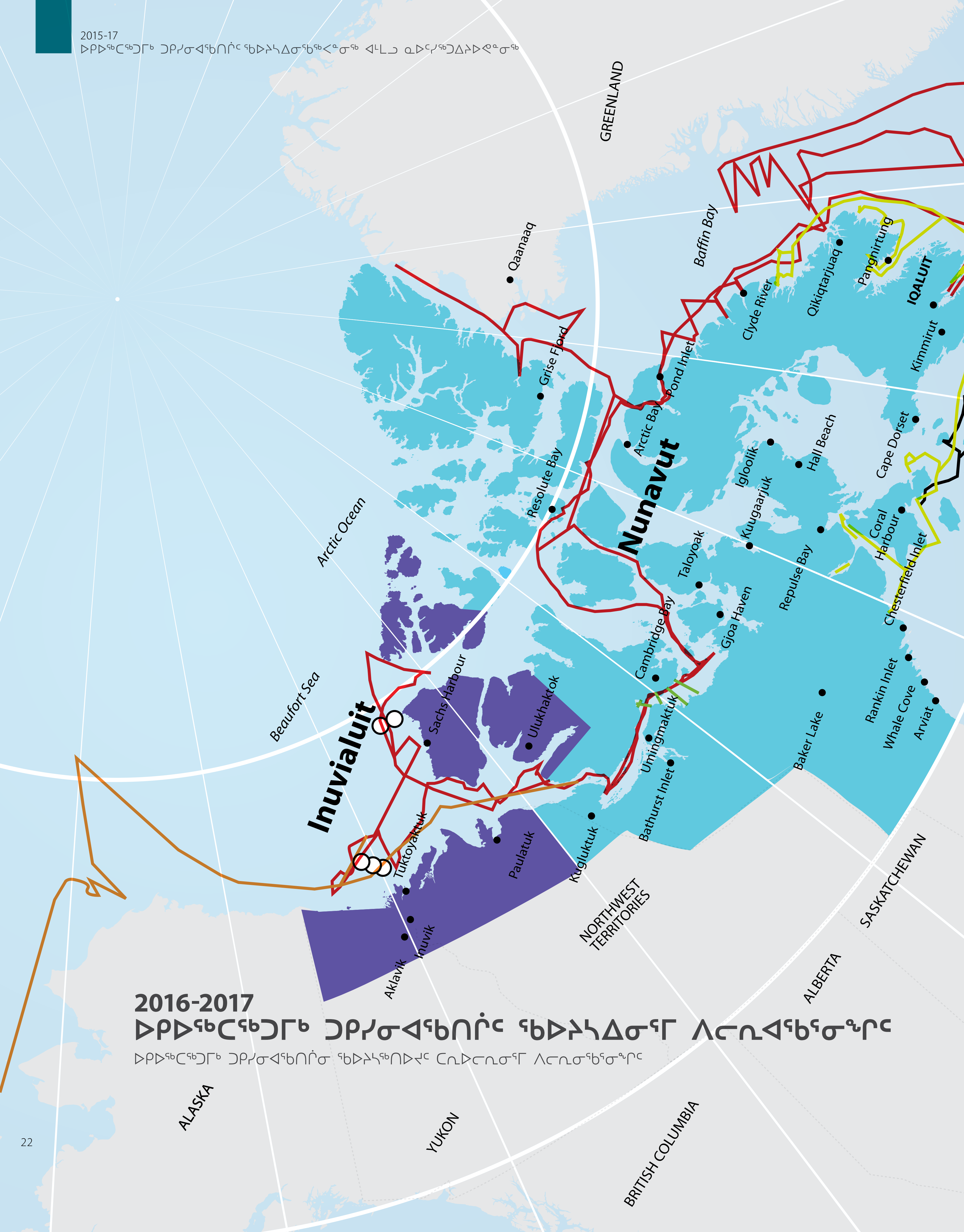

# 2015-2016
# ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖃᕐᓂᖏᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᑕᕆᐅᓕᕆᓂᕐᒥ ᐱᓕᕆᓂᖃᕐᓂᖏᑦ



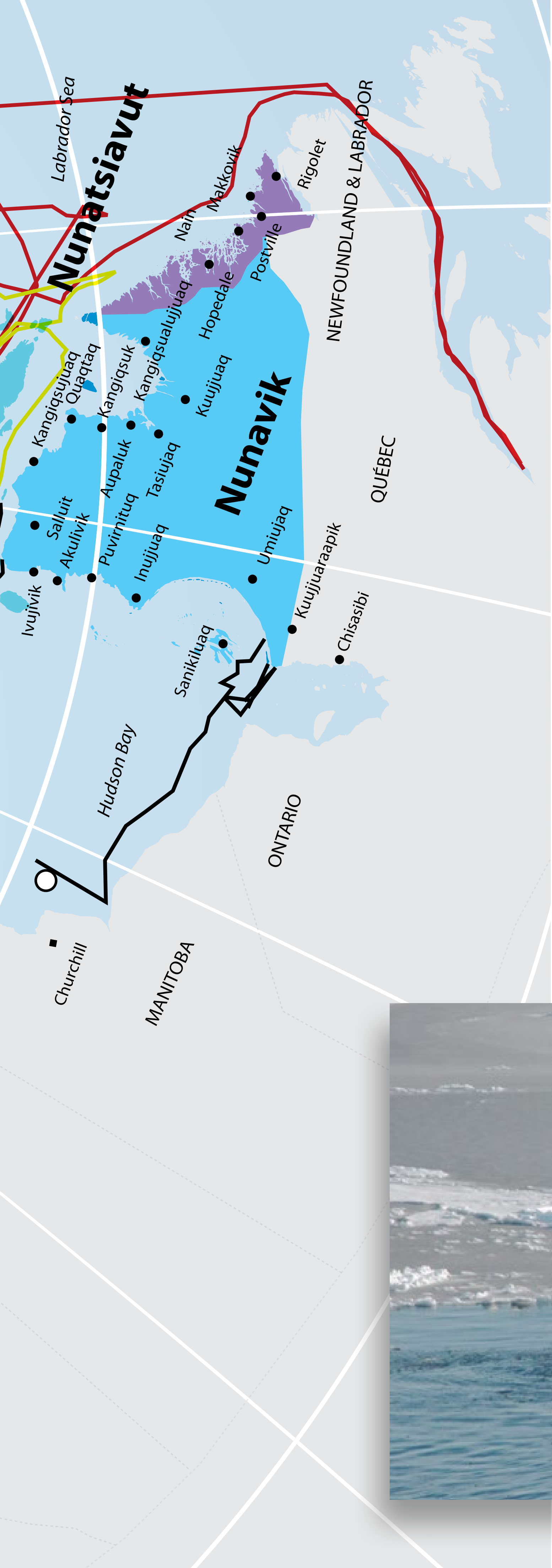

2015-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᑐᓴᖅᑎᑦᑎᓯᒪᓕᓚᐅᕐᒪᑕ ᑮᓇᐅᔭᕐᑯᑎᔅᓴᖃᓕᖅᑎᑕᐅᓂᖏᑕ 42-ᖑᔪᑦ ᓄᓖᑦ ᐱᓕᕆᓂᐅᑲᐃᓐᓇᕐᓂᐊᖅᑐᑦ ᐃᓚᐅᑎᑕᐅᓗᑎᒃ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᖏᑦ 4-ᖓᓄᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᒥ ᐱᓕᕆᐊᒧᑦ. ᖃᐅᔨᓴᖅᑎᐅᔪᑦ 32-ᖑᔪᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂᑦ ᑲᓇᑕᒥᑦ ᑲᑐᔾᔨᖃᑎᒋᓪᓗᒋᑦ ᑎᒍᒥᐊᖅᑎᒋᔭᐅᔪᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᒋᔭᐅᔪᓂᑦ, ᖃᐅᔨᓴᕐᕖᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖏᓐᓂᑦ, ᓴᓇᕗᕕᓐᓂᑦ ᐊᒻᒪᓗ ᒐᕙᒪᐅᔪᓂᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥ ᓴᓇᕗᕕᐅᔪᓂᑦ, ᐱᓕᕆᔾᖃᓕᕈᑎᐅᑦᑐᑎᒃ ᐊᔾᔾᖃᕋᑎᒃ ᐊᒥᓯᐃᓕᖓᔪᑎᒍᑦ ᐋᖅᑭᐅᒪᓕᕆᐊᕈᑎᐅᑦᑐᑎᒃ ᐊᒻᒪᓗ ᐱᓕᕆᔾᐅᖃᑕᐅᔪᑦ ᐱᓕᕆᖃᑎᒌᓕᕐᓂᒃᓴᖏᓂᒃ. ᐱᓕᕆᖃᑎᒌᑦ 42-ᖑᑦᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᓂᕆᑲᐃᓐᓇᖅᑕᖏᑦ ᑐᕌᖓᑎᑕᐅᓯᒪᕗᑦ ᓯᑕᒪᓄᑦ (4) ᐱᓕᕆᐊᖑᓂᖃᕐᕕᐅᔪᓄᑦ: ᑕᕆᐅᓕᕆᓂᕐᓂ, ᓄᓇᒦᑦᑐᓕᕆᓂᕐᓂ, ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᖏᓐᓂ, ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒥ ᐊᒻᒪᓗ ᐋᖅᑭᐅᒪᓕᕆᐊᕐᓂᓕᕆᓂᕐᓂ, ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐋᖅᑭᒃᓱᐃᖃᑎᒌᖓᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑦᑎᕙᓪᓕᐊᓂᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖅᖅᑐᑎᒃ ᒫᓂᑑᐸᐅᑉ ᑲᓇᓐᓇᓕᒫᖑᓂ, ᔫᑳᓐ ᑲᓇᓐᓇᓕᒫᖑᓂ ᐊᒻᒪᓗ ᓯᑕᒪᐅᓪᓗᑎᒃ ᐃᓄᐃᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᖏᓐᓂ ᑲᓇᑕᒥ: ᐃᓄᕕᐊᓗᐃᑦ ᐊᑯᒃᑐᖅᓯᒪᓂᖓᑦ, ᓄᓇᕗᑦ, ᓄᓇᕕᒃ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᑦ.

CCGS ᐋᒪᓐᓴᓐ
CCGS ᓲᕐ ᕕᐅᑦᕗᑦ ᓗᐊᕆᐋ
R/V ᒫᕐᑎᓐ ᑰᒃᒪᓐ
ᑕᕆᐅᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᕐᕕᒃ




## 2016-2017
## ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖃᕐᓂᖕᒥᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᑕᕆᐅᓕᕆᓂᕐᒥ ᐱᓕᕆᓂᖃᕐᓂᖕᒥᑦ




ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓕᕆᐊᒃᓴᖃᖅᑎᑕᐅᓯᒪᒻᒪᑕ ᐱᓕᕆᖃᑦᑏᓂ ᖃᐅᔨᓴᖅᑎᒃᑯᓐᓄᑦ, ᐃᓕᓐᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᖃᑎᒌᔭᐅᔪᓄᑦ ᐱᑕᖃᓕᖅᑎᑦᑎᓯᒪᔨᐅᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᕐᒥᐅᓯᒪᑦᑎᐊᖅᑐᓂᒃ ᓄᓇᒧᑦ ᐊᒻᒪᓗ ᑕᕆᐅᒧᑦ ᐊᑐᐃᓐᓇᐅᕝᕕᐅᓕᖅᓯᒪᓂᖓᓐᓄᑦ ᑕᕆᐅᑦ ᓯᕐᔪᕆᓃᑦᑐᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ. ᑭᓯᐊᓂ ᐱᐅᓯᒋᐊᖅᑎᑕᐅᓯᒪᔪᑎᒧᑦ ᐊᒻᒪᓗ ᐊᓯᔾᔨᖃᑦᑕᖅᑎᑕᐅᓇᑎᒃ ᐊᑐᐃᓐᓇᐅᕝᕕᐅᔪᑎᒍ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕈᓐᓇᕐᓂᐊᕐᒪᑕ ᐊᑯᓃᖅᑐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᓪᓗᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐱᓯᒪᓕᕈᓐᓇᕋᔭᖅᑐᑎᒃ ᖃᐅᔨᓴᕐᕕᐅᔪᓂᒃ ᐱᓯᒪᓕᖅᑕᐅᔭᕆᐊᓕᓐᓂᒃ ᑐᑭᓯᐅᒪᓕᕈᑎᒃᓴᒥᓐᓂᒃ ᐊᒻᒪᓗ ᑎᑎᕋᖅᐸᑦᑕᐊᓯᒪᓕᕐᓗᑎᒃ ᐊᓯᔾᔨᖅᐸᑦᑕᐊᓂᐅᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᑲᑐᔾᔨᓂᕐᒃᖅᑐᑎᒃ ᐱᓕᕆᐊᕐᒃᑲᑎᒌᓐᓂᖅᑎᒍᑦ, ᖃᐅᔨᓴᐃᔮᑦ ᐊᑐᐃᓐᓇᐅᓕᕐᕙᐅᓯᒪᕗᑦ ᖃᐅᔨᒪᔨᒻᒪᕆᖁᐅᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᓄᓇᓕᒋᔭᕆᓐᓂᑦ, ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᐱᔪᓐᓇᐅᑎᖃᖅᑎᓂᑦ ᐊᒻᒪᓗ ᒐᕙᒪᒋᔭᐅᔪᓂᑦ ᓯᑕᒪᐅᑦᑐᑎᒃ ᐃᓄᐃᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᓇᔾᔪᕆᓐᓂᑦ ᑲᓇᑕᒥ. ᑕᓇᐅᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᕆᑦ ᐊᑐᖅᐸᒻᒪᑕ CCGS ᐋᒪᓐᓴᓐ ᐅᒥᐊᕐᔪᐊᕐᒥᒃ ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᕐᒥᓐᓂ ᑐᙵᕕᕆᕚᒃᑐᒍ ᑐᑭᓯᓂᐊᕐᓂᖅᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᓇᐅᓚᑕ ᓯᕐᔪᕆᓐᓃᑦᑐᓂᒃ. ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᕈᓐᓇᖅᑐᓂᒃᑕᐅᖅ ᑲᑐᔾᔨᓂᖅᑲᕐᑐᑎᒃ ᐱᓕᕆᓕᖅᑲᑦᑕᕆᕗᑦ ᐅᒥᐊᕐᔪᐊᓂ CCGS ᓖᕐ ᕕᐅᑦᕗᑦ ᓘᐊᕆᐏ, CCGS ᑎᒃᒍᑮᓯᓚᐅᕐᒃ, R/V ᒫᕐᑎᓐ ᔾᒃᒪᓐ ᐊᒻᒪᓗ MV ᓘᓚᐊᔪᒃ.

# CCGS ᐋᒪᓐᓴᓐ

**38,000+**
ᐃᒪᒃᑯᑦ ᒪᐃᓚᐅᓗᐊᖅᑐᓂᒃ
ᐃᖏᕋᓚᐅᖅᐳᖅ 2015-ᒥᐊᒻᒪᓗ
2016-ᒥ CCGS ᐋᒪᓐᓴᓐ ᖃᐅᔨᓴᐃᓂᖅᑐᓂ

**223,000+**
ᐃᒪᒃᑯᑦ ᒪᐃᓚᐅᓗᐊᖅᑐᓂᒃ
ᐃᖏᕋᓯᒪᔫᖅ
*CCGS ᐋᒪᓐᓴᓐ 2003-ᒥᓂᑦ*

**1,700+**
-ᖑᑦᑐᐊᖅᑐᑦ ᖃᐅᔨᓴᕐᓇᐅᓚᐅᖅᐳᖅ
ᐅᑦᑐᓄᑦ ᐃᒫᓂ
CCGS ᐋᒪᓐᓴᓐ ᐅᒥᐊᕐᔪᐊᖅ 2003-ᒥᓂᑦ

ᐊᐃᐱᓕ 17, 2015-ᒥ, ᐱᐅᔪᒻᒪᕆᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ ᑲᓇᑕᒥᐅᑦ ᖃᐅᔨᓴᐃᔾᔪᑎᖓ ᓯᑯᓯᐅᑦ CCGS ᐋᒪᓐᓴᓐ ᐊᐅᑦᓚᓚᐅᕐᐳᖅ ᑐᓚᒡᕙᕆᓯᒪᕗᒃᑕᒥᓂᑦ ᑯᐃᐸᒃ ᓯᑎᒥᑦ ᓯᕗᑦᖅᐹᒥᒃ 18-ᓄᑦ ᐅᑦᑐᓄᑦ ᖃᐅᔨᓴᐃᔭᖅᑐᕐᓯᒪᔾᔪᑎᐅᓂᐊᖅᑐᓂᒃ ᑕᓇᐅᒥ ᓂᐅᕙᐅᓈᓐ ᐊᒻᒪᓗ ᓚᐹᑐᐊᕆᒥ ᐃᓚᒋᔭᐅᑦᑐᓂ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᓂᖃᕐᓂᖏᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ, ᓯᓵᑐᐃᑦ ᑲᓇᑕ, ᖃᐅᔨᓴᕐᓂᓕᕆᔨᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᑦ ᑎᒥᖁᑎᒋᔭᖓᑦ ᓂᐅᕙᐅᓈᖓᒥ ᐊᒻᒪᓗ ᓛᐸᑐᐊᕆᒥ, ᐊᒻᒪᓗ Hᐊᔅᑭ ᐃᓄᕐᔪᒃᑯᑦ. ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᓂᖃᕐᓂᐅᔪᖅ ᑲᑎᓯᒪᕝᕕᐅᓚᐅᕐᐳᖅ ᐱᐅᓂᖅᐸᐅᑦᑐᑎᒃ ᓯᓚᑦᑐᖅᓴᕐᕕᒥᑦ ᖃᐅᔨᒪᓕᒪᓕᓇᕆᔭᐅᔪᓂᑦ ᐊᒻᒪᓗ ᓴᓇᕝᕙᓕᕆᓂᕐᒥ ᖃᐅᔨᒪᓕᒪᓕᓇᕆᔭᐅᔪᓂᑦ ᑲᑎᖅᓯᐃᕙᑦᓕᐊᑦᑐᑎᒃ ᓯᓚᓕᕆᓂᕐᒧᑦ, ᑕᕆᐅᑉ ᓯᑯᖓᓄᑦ, ᐱᖃᑐᔭᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᑐᑭᓯᐊᕐᕕᒃᓴᖁᑎᐅᓂᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᑭᐊᖅᑕᐅᑎᑦᑐᑭᑦ ᓄᑖᑦ ᑐᑭᓯᐊᕐᕕᒃᓴᖁᑎᐅᓂᐊᑐᓄᑦ ᓴᓇᕿᑎᕆᔭᐅᔪᑦ ᑐᕌᖓᑦᑐᑎᒃ ᓈᒻᒪᒃᑐᑎᒍᑦ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᕐᓂ ᐱᓇᓱᐊᕈᓯᐅᕙᒋᐊᓕᖅᑯᑎᓂᒃ ᓂᒡᓚᓱᒃᑐᐊᓗᒻᒥ ᑕᓇᐅᑉ ᐊᕙᒃᑐᖅᓯᒪᓂᓇᔭᖏᓂ.

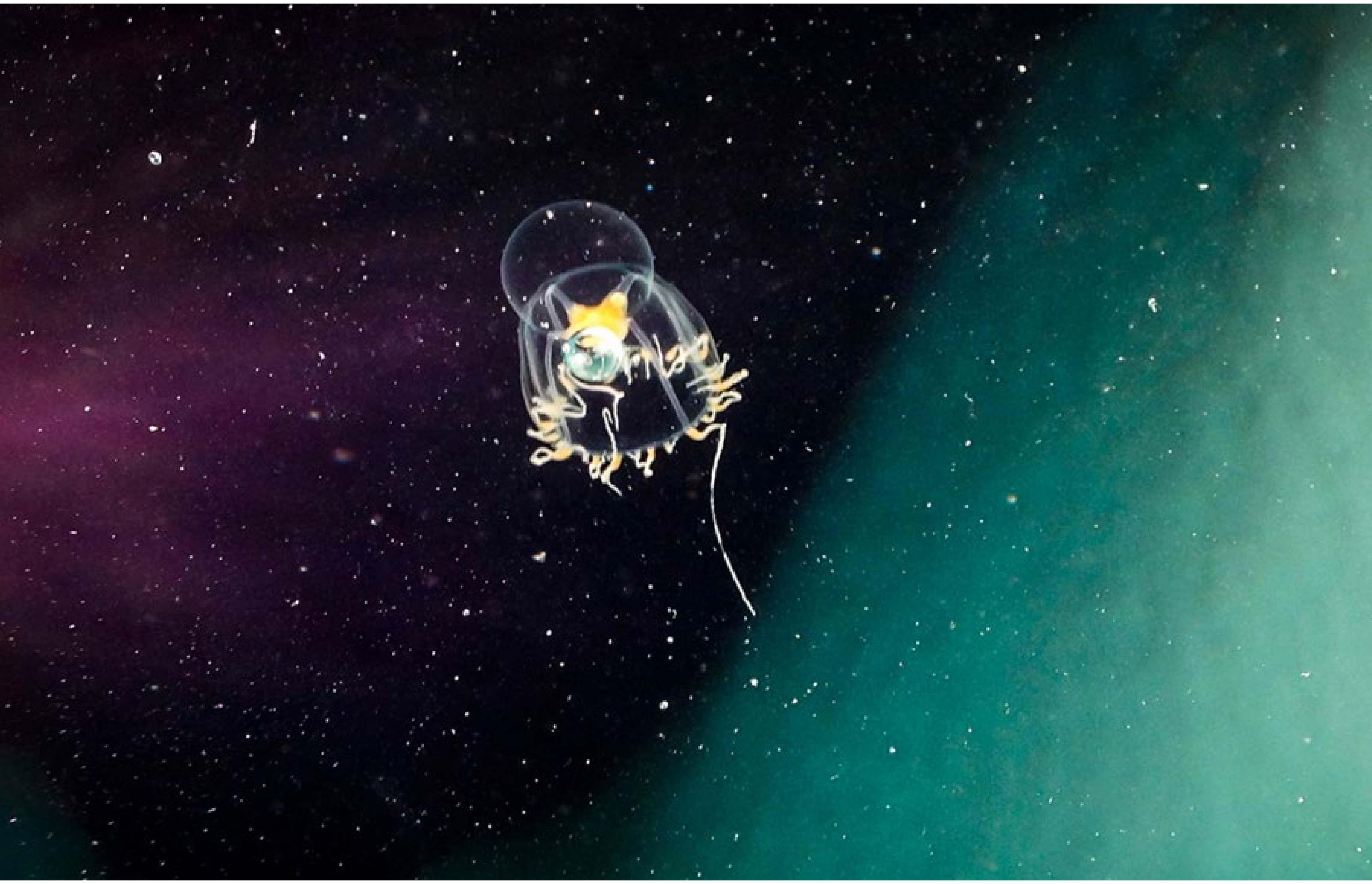
ᐅᒥᐊᖅᔪᐊᖅ ᐅᑎᓕᓚᐅᕐᐳᖅ ᑯᐃᐸᒃ ᓯᑎᒧᑦ ᐱᓕᕆᓂᖃᕐᓂᖓᑦ 1 ᐃᓱᓕᓯᒪᓕᕐᒪᑦ ᐊᒻᒪᓗ ᐊᐅᓪᓚᒃᑲᓂᓕᕆᓪᓗᓂ ᔪᓚᐃ 10-ᖑᑎᓪᓗᒍ ᐅᓗᐃᑦ 115-ᓄᑦ ᖃᐅᔨᓴᕆᐊᖅᓯᒪᓂᐊᑐᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᒃ ᐃᑲᔪᖅᓯᓂᖃᕝᕕᒋᓪᓗᒍ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐅᑭᐅᑕᒫᑦ ᑕᕆᐅᒥ ᖃᐅᔨᓴᐃᔭᖅᑐᕐᓯᒪᓪᓗᑎᒃ ᐱᓕᕆᓂᖕᖓᓂᒃ; ᐃᓚᓕᐅᑎᔭᐅᓯᒪᓪᓗᑎᒃ ᐅᐊᓕᓂᕐᒥᐅᓂ ᖃᐅᔨᓴᕝᕕᐅᔪᒧᑦ (iBO) ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒧᑦ; GEOTRACES-ᓄᑦ, ᓯᓪᕙᐊᓕᒫᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑕᕆᐅᒥ ᐃᓛᓴᖁᑎᖃᓕᖃᑦᑕᕐᓂᐅᔪᓂᒃ ᒥᑭᑦᑐᑯᓗᓐᓂᒃ ᐊᒻᒪᓗ ᓱᓇᖃᐅᖅᑑᓂᕆᕙᒃᑕᕆᓂᑦ ᐊᒻᒪᓗ ᐃᓛᓴᖁᑎᖃᕐᓂᕆᕙᒃᑕᕆᓄᑦ; ᐊᒻᒪᓗ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᐊᖃᖃᑎᖃᕐᓂᐅᔪᓄᑦ ᑲᓇᑕᒥ ᒥᕐᖑᐃᖅᓯᕙᓕᕆᔾᔪᐊᒃᑯᓐᓂᒃ ᐊᒻᒪᓗ ᒫᕝᕕᐅᓪᓚ ᕚᓵᓐ ᑎᒥᖁᑎᖓᓐᓂᑦ ᑐᕌᖓᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᖅᑲᖓᓂ ᖄᓄᐃᓐᓂᐅᔪᓄᑦ ᖃᓂᑕᕆᔭᖓᓂ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᖓᓂ ᐅᒥᐊᖅᔪᐊᕝᕕᓂᐅᑉ ᑭᕝᕕᓚᐅᖅᓯᒪᔪᑉ HMS ᔪᕉᐸᔅ ᑯᐃᓐ ᒦᐊᑦ ᑕᕆᐅᖓᓂ. ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᐊᒻᒪᓗ ᐃᓕᓴᐃᔩᑦ ᐃᓕᓐᓂᐊᕝᕕᓐᓂᑦ ᐃᑭᒪᖃᑕᐅᔪᓄᑦ ᐱᓕᕆᐊᖑᔪᓂᑦ ᐃᓚᓕᐅᑎᓚᐅᖅᐳᑦ ᖃᔮᓴᖅᑎᐅᔪᓄᑦ ᒥᑦᑎᒪᑕᓕᒻᒥᑦ ᐃᖃᓗᓐᓄᑦ ᐅᒥᐊᖅᔪᐊᖅ ᐅᑎᕐᓂᐊᕌᕐᓂᖓᓂ ᑯᐃᐸᒃ ᓯᑎᒧᑦ ᓄᕙᐱᕆ 1-ᒥ, ᐃᖏᕐᕋᓯᒪᓕᖅᑐᓂ 20,512 ᒪᐃᓕᓪᓗᐊᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᑕᕆᐅᖓᒍᑦ.

2016-ᒥ, ᐅᒥᐊᖅᔪᐊᖅ ᐋᒪᓴ ᑯᐃᐸᒃ ᓯᑎᒥᑦ ᐊᐅᓪᓚᓕᓚᐅᓯᒪᕗᖅ ᔫᓂ 3-ᖑᑎᓪᓗᒍ ᐊᓗ ᐃᖏᕐᕋᓕᖅᑐᓂ ᕿᑭᖅᑖᓘᑉ ᐊᒻᒪᓗ ᐊᑯᑭᑦᑐᐃᑦ ᑕᕆᐅᖏᑕ ᓯᒻᔭᖏᑎᒍᑦ ᐱᓕᕆᐊᖑᔪᖅ ᐃᓚᐅᑎᑕᐅᓪᓗᓂ ᑲᑐᔾᔭᐅᓪᓗᓂ ᒍᓇᓐᐃᐊᔾ-ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ ᐱᓕᕆᐊᖑᓐᓄᑦ ᑐᕌᖑᑎᑕᐅᓯᒪᓪᓗᓂ ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᕐᒥᒃ ᕿᖅᑯᐊᑦ ᐱᕈᓯᒪᓕᖅᐊᓐᓂᖏᓂᒃ ᐅᐃᖖᒑᒥ ᐊᒻᒪᓗ ᖃᓄᖅ ᐃᓚᐅᕐᑲᑕᐅᓂᖅᑲᕐᓂᖏᓐᓄᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᑕ ᐅᑭᐅᖅᑕᖅᑐᐸ ᐆᒪᓂᖅᖅᑐᖅᑲᕐᓂᖓᓄᑦ. ᐊᐅᓚᔅᓯᓂᖅᑷᔾᔨᓂᕐᒥᓐᓂ ᓯᓚᒥᒃ ᐊᒻᒪᓗ ᐅᓪᓚᓕᓐᓄᑦ ᐊᑦᑐᖅᑕᐅᕙᓐᓂᖓᓄᑦ ᐱᓕᕆᐊᒥᒃ (NETCARE) ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᑕᕆᐅᒥ ᖃᐅᔨᓴᐃᓂᖑᓐᓂᒃ, ᐅᒥᐊᖅᔪᐊᖅ ᐃᖏᕐᕋᓚᐅᕐᐳᖅ ᑲᓇᖕᓇᖓᓄᑦ ᓂᐊᕆᔅ ᓯᑐᕆᓪᒧᑦ, ᓱᓪᓗᐊᓗᒃᑰᓕᕐᓂᐊᕌᕐᓂᕐᒥᓂ ᑎᑭᓯᒪᓕᕆᕋᒃᑐᒍ ᑯᐃᓐ ᒦᐊᑦ ᑕᕆᐅᖓ, ᑕᐅᕙᓂ ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᔩᑦ ᑐᓚᒃᓯᒪᑎᑕᐅᓂᖏᑕ ᐱᓕᕆᔭᕐᑐᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐱᓯᒪᓕᕐᑯᓐᓇᓚᐅᖅᑐᑎᒃ ᐃᓚᒋᔭᐅᑎᓪᓗᒍ ᑕᐸ. ᒎᕝᕕᐅᓪᓚ ᕚᓵᓐ ᐱᓕᕆᐊᖃᖅᑎᖏᓂᒃ ᑲᑐᔾᔨᓂᖃᕐᓗᑎᒃ ᐱᓕᕆᐊᖃᖃᑎᖃᓕᕐᓂᒃᓴᒥᓐᓄᑦ. ᑭᕙᓖᓄᑦ ᐃᖏᕐᕋᓕᕐᓂᐊᕌᕐᓂᕐᒥᓐᓂ, ᐋᒪᓴ ᐅᒥᐊᖅᔪᐊᖅ ᑕᕆᐅᒥᑦ ᖃᐅᔨᓴᑌᐅᔫᒃᓴᓂᒃ ᑲᑎᖅᓯᐃᓂᖃᓕᓚᐅᕐᐳᖅ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖃᓕᖅᑐᓂ ᑐᓚᒃᓯᒪᓪᓗᓂ ᐅᐊᓕᓂᐅᑉ ᑕᕆᐅᖓᓂ/ᐋᒪᓪᑕᓴ ᒫᕝ ᑕᕆᐅᖓᑕ ᐊᕝᕕᑐᖅᓯᒪᓂᕆᔭᖓᓂ ᐃᓚᓕᐅᑎᔭᐅᓯᒪᓪᓗᑎᒃ ᐅᐊᓕᓂᕐᒥᐅᓂ ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᐅᔪᓄᑦ (iBO) ᐱᓕᕆᓂᖅᑲᕆᐊᖅᓯᒪᓪᓗᑎᒃ. ᐃᓕᓐᓂᐊᕐᑐᐃᑦ ᐃᑭᒪᖃᑕᐅᓂᖏᓄᑦ ᐱᓕᕆᐊᖑᔪᒥᑦ ᐅᒥᐊᖅᔪᐊᒃᑯᑦ ᖃᐅᔨᓴᕆᐊᖅᓯᒪᔪᓄᑦ ᐃᓚᓕᐅᑎᓯᒪᓕᓚᐅᖅᐳᑦ ᓯᑎᐱᕆ 17-ᒥᑦ ᐅᒃᑐᐱᕆ 25-ᒧᑦ ᖁᕐᓗᖅᑑᕐᒥᑦ ᒥᑦᑎᒪᑕᓕᖕᒧᑦ ᐅᒥᐊᖅᔪᐊᖅ ᐅᑎᕆᐊᕐᓂᐊᕌᕐᓂᖓᓂ ᑯᐃᐸᒃ ᓯᑎᒧᑦ ᐅᒃᑐᐱᕆ 6-ᒥ ᑕᕆᐅᒃᑯᑦ ᐃᖏᕐᕋᓯᒪᓕᖅᑐᓂ 125-ᓄᑦ ᐅᓪᓗᓄᑦ.

## ᐊᔾᔨᖃᙱᑦᑐᒃᑯᑦ ᑮᓇᐅᔭᖁᑎᔅᓴᖅᑖᕐᑎᑕᐅᓂᖏᑦ ᐅᒥᐊᖅᔪᐊᖅ CCGS ᓛᓐᓴ

ᔮᓄᐊᕆ 2017-ᒥ, ᒥᓂᔅᑕ ᑰᔅᑎ ᑕᓐᑲᓐ, ᒥᓂᔅᑕᐅᔪᖅ ᖃᐅᔨᓴᕐᓂᓕᕆᔨᓄᑦ, ᑐᓴᖅᑎᑦᑎᓯᒪᓕᓚᐅᕐᒪᑦ $18.2-ᒥᓕᐊᓐᑖᓚᓂᒃ ᑮᓇᐅᔭᖁᑎᔅᓴᖅᑖᖅᑎᑦᑎᓂᐊᕐᓂᕐᒥᓐᓂᒃ ᐊᐅᓚᔪᓂᐅᔪᐃᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᕐᓂᐅᕙᒃᑐᑦ ᑲᓇᑕᒥ ᓯᑯᒥᒃ ᓯᖁᑎᕆᕙᓪᓕᐊᓰᖅ ᐅᒥᐊᖅᔪᐊᖅ CCGS ᐋᒪᓐᓴ ᐱᓕᕆᔾᔪᑎᐅᓂᖓ ᑲᔪᓯᑎᑕᐅᓯᒪᕐᖁᓪᓗᒍ. ᑖᒃᑯᐊ ᑮᓇᐅᔭᖁᑎᔅᓴᖅᑖᕆᔭᐅᔪᑦ, 100%-ᑎᖓᓂᒃ ᑐᒃᓯᕋᕈᑎᐅᓚᐅᖅᑐᑦ, ᓴᓂᕐᕙᖅᑕᐅᓯᒪᓕᓚᐅᕐᐳᖅ ᐸᕐᓇᐅᑎᖏᑦ ᐱᑐᐃᓐᓇᐅᙱᑦᑐᒃᑯᑦ ᓵᓚᒃᓴᐅᑎᑖᖑᕙᒃᑐᑎᒍᑦ (MSI) ᑲᓇᑕᒥ ᑐᑦᑕᕝᕕᐅᔪᖅ ᐊᑐᖅᑕᐅᓕᖅᑐᓄᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ (CFI).

ᐅᐸᒍᑎᓯᒪᓚᐅᖅᑐᓂᑦ ᒥᓂᔅᑕᐅᔪᖅ ᑐᓴᖅᑎᑦᑎᓯᒪᑎᓪᓗᒍ ᑐᓴᕕᔅᓯᓕᕆᔾᔪᑎᒍᑦ ᑲᑎᒪᓂᖅᑲᖅᑎᑦᑎᓂᕐᒥᑦ ᓚᕙᓪ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖑᓂᑦ ᑕᐃᒪᐅᖅᑲᐅᓚᐅᕐᐳᖅ ᐃᓚᒌᓄᑦ, ᓱᕈᓯᕐᓄᑦ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᕐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔾᔪᑎᓄᑦ ᒥᓂᔅᑕᕆᔭᐅᔪᖅ, ᐊᖑᔪᖅᑳᐸ ᑐᖓᓕᖕᖓ, ᓯᓚᑖᓃᑦᑐᓕᕆᔾᔪᑎᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓕᕆᔾᔪᑎᒃ ᑲᓇᑕᒥ ᑐᑦᑕᕝᕕᐅᔪᖅ ᐊᑐᖅᑕᐅᓕᖅᑐᓄᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᓄᑦ ᐊᒻᒪᓗ ᐊᔪᕆᖅᓯᐃᔩᑦ ᓚᕙᓪ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖑᓂᑦ ᐊᒻᒪᓗ ᐱᔾᔪᑎᖃᖅᑎᒋᔭᐅᔪᑦ ᑲᓇᑕᒥ ᓱᑯᓯᐅᑎᑦ ᐅᒥᐊᖅᔪᐊᒃᑯᖕᓄᑦ ᐊᒻᒪᓗ ᐋᒪᓐᓴ ᐅᒥᐊᖅᔪᐊᕐᒥ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᖓᓄᑦ ᐱᓕᕆᐊᖃᖃᑎᒌᒃᑎᐅᔪᐃᑦ. ᑖᒃᑯᐊ ᐊᔾᔨᖃᙱᑦ ᑲᓇᑕᒥ ᑐᑦᑕᕝᕕᐅᔪᖅ ᐊᑐᖅᑕᐅᓕᖅᑐᓄᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᒃᑯᑎᒍᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᐳᑦ ᐅᒥᐊᖅᔪᐊᕐᓄᑦ ᐊᑯᓂᐅᓂᖅᓴᖅ ᐅᓪᓗᕐᓂᑦ ᐃᒫᓃᖅᑲᑦᑕᕐᓗᓂ ᖃᐅᔨᓴᖅᑐᓂ ᓇᑭᖅᑐᒪᓇᓪᒥᒃᑯᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐱᓕᕆᖃᑎᖃᕐᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᐅᑭᐅᓄᑦ ᐊᒥᓱᕐᓚᐅᔪᓄᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᐱᓕᕆᓂᖅᑭᐅᑎᐅᓕᕐᓗᑎᒃ ᖁᑦᑎᖕᓂᖅᐸᐅᔪᑎᒍᑦ ᓯᓪᕙᐊᓕᒫᒥ.



# ᐃᒪᕐᒥᐅᑕᓂᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᔪᑦ

2015-2017-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᒋᑦ ᐊᑐᓚᐅᖅᐳᑦ CCGS ᐋᒪᓐᓴᓐ ᓯᑯᓯᐅᑎᒥᒃ ᐊᑐᖅᑕᐅᓪᓗᐊᖅᑕᖅᑐᓂ ᖃᐅᔨᓴᕐᕕᐅᓪᓗᓂ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐊᒻᒪᓗ ᖃᓄᐃᓕᐅᖅᐸᓪᓕᐊᓂᐅᔪᓂᒃ. ᖃᐅᔨᓴᕐᓂᖃᓚᐅᖅᐳᑦ ᐊᒥᓱᓚᐅᕐᓗᑎᒃ ᐊᓯᖏᓐᓂᑦ ᐅᒥᐊᕐᔪᐊᓂᑦ, ᐃᓚᖃᖅᑐᑎᑦ ᓄᓇᓕᒋᔭᐅᔪᓂ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ ᐊᒻᒪᓗ ᐅᖓᓯᒃᑐᒥᑦ ᓇᓂᓯᔾᔪᑎᑭᔭᐅᕗᒃᑐᑦ ᑖᓯᔪᖓ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᒧᑦ ᐃᑲᔪᕈᑎᐅᓚᐅᕆᓪᓗᑎᒃ.

16-ᓂᒃ ᐱᓕᕆᐊᖑᒃᑲᐃᓐᓇᖅᑐᓂᒃ ᐱᓕᕆᓂᖃᓚᐅᖅᑐᑦ ᑐᕌᒐᖃᕐᕕᐅᑎᑕᐅᓪᓗᑎᒃ ᖃᐅᔾᔨᐊᕐᓂᕐᒧᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᓂᒃ ᑕᕆᐅᑉ ᐊᕙᑎᖏᓐᖓᓂ ᓯᓚᖏᔭᐅᔪᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᓴᖅᑮᓯᒪᓕᕈᑎᐅᓚᐅᖅᑐᑎᒃ ᖃᓄᐃᓕᖓᓐᓂᐅᓕᖅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖏᓐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ.

## ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᕐᓂᐅᔪᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐃᓕᑦᓴᐅᖃᑕᐅᓂᖏᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓴᙱᒃᑎᒋᐊᖅᑎᑕᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᐱᓕᕆᐊᖃᖃᑕᐅᑎᑦᑎᓂᖅᑎᒍᑦ ᐊᒻᒪᓗ ᐱᓕᒻᒪᒃᓴᐃᓂᖃᕐᓂᖅᑎᒍᑦ ᓄᓇᓕᖃᖅᑐᓄᑦ ᐃᓕᑦᓴᐅᔪᓂᒃ ᐊᒻᒪᓗ ᒪᒃᑯᒃᑐᕐᓂᒃ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕐᓂᕐᒥ ᓇᐅᑦᓯᖅᑐᐃᔾᔪᑕᐅᓗᑎᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᓂᐊᖅᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᓕᒃᓯᒪᕕᐅᑉᑐᑎᒃ ᑎᑭᕝᕕᐅᓯᒪᔪᓂ ᐆᒪᓂᖃᖅᑐᖁᑎᓂᒃ ᑕᐅᕙᓂᕐᒥᐅᑕᑐᖃᐅᙳᕐᑐᓂᒃ ᐊᒻᒪᓗ ᑲᑎᖅᓯᐃᓂᕐᒥ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖅᑯᑎᓂᒃ ᖃᓄᖅ ᐊᐅᓚᔪᓐᓇᐅᑎᓂᒃ ᐱᕙᓪᓕᐊᔾᔪᑎᓇᓱᒪᓂᕐᒥᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖃᓪᓚᐅᖅᑐᓄᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᕐᓂᖓᓂᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᓐᓄᑦ ᐆᒪᓂᖅᑯᓄᑦ ᓱᕐᑭᓂᖅᐸᓯᐊᓂ Hᐊᑦᓴᓐ ᐸᐃ ᑕᓄᐅᕐᔪᐊᖓᑕ.

ᑐᙵᕕᒋᔪᒋᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᓴᓂᕈᑎᐅᑉ ᐃᒪᖓᓂ 2016-ᖑᑎᑦᑐᒍ, ᐊᔾᔨᒌᙱᑦᑐᖅᑐᑦ ᐆᒪᓂᖅᑯᐃᑦ ᐱᑦᑎᐊᕋᓱᒃᑐᒋᑦ ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᓯᒪᓕᓚᐅᕐᒪᑕ ᐱᐅᓪᓚᕆᒃᑐᖅᑲᐅᔪᓂ ᑎᒃᑯᐅ ᕚᓐ ᐱᕈᖅᑐᖁᑎᐅᔪᓄᑦ ᑕᓄᐅᒥ, ᐊᖏᔪᒻᒪᓇᐅᔪᒥᒃ ᖃᓄᖅ ᐊᔾᔨᒌᓐᓂᖅᑲᖅᑲᕐᒥᒃ ᐊᔾᔨᒌᙱᓐᓇᖏᕐᓂᕐᒥᐅ ᖃᐅᒋᐊᖅᑕᐅᔪᓇᖅᓯᓕᐅᖅᑐᑎᒃ ᐊᓯᖏᓂ ᐱᑕᖃᕐᕕᐅᒥᔪᓂ ᐊᓯᕈᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ ᒪᑦᑎᑕᐅᑎᓄᑦ ᐃᖃᓪᓕᕿᖃᑦᑕᕐᓂᐅᓚᐅᖅᑐᓂᑦ 1999-ᒥ ᐊᒻᒪᓗ ᑐᓴᐅᖅᑎᑦᑎᔾᔪᑕᐅᓯᒪᓕᖅᑐᑎᒃ ᑲᓇᑕᒥ ᑕᓄᐅᑉ ᒥᐊᓂᓇᔭᐅᓯᒪᓕᕐᓂᖏᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᓄᑦ ᐱᓕᕆᐊᖑᔪᑦ.

ᐱᔾᔪᑎᒋᑦᑐᒍ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᑕ ᐱᔮᕆᓇᓂ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᓂᒃ ᐅᖅᓯᐊᓗᒃᓴᒥᑦ ᑐᑭᓐᓇᖅᑐᓂᒃ ᐱᑕᖃᖅᑎᑕᐅᔪᓐᓇᕐᓂᖓᑕ ᐱᔾᔪᑎᑦᑐᓂ ᑲᓇᑕᒥ ᐊᐅᓚᔪᓐᓇᐅᑎᓇᔾᔫᑦ ᑲᑎᒪᔨᙱᑦ ᓈᒻᒪᒃᓴᐃᓯᒪᓕᓚᐅᕐᒪᑕ ᑕᓄᐅᒥ ᐃᑯᑦᑕᒃᑕᓇᐊᒍᑦ 2011-ᖑᑎᑦᑐᒍ, ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓴᕐᓇᐊᖅᑲᕐᓂᖏᑦ ᐅᖅᓯᐊᓗᒃ ᑯᕕᓯᒪᑐᐃᓐᓇᕐᓇᖅᑲᕐᓂᖓᓄᑦ ᑯᕕᕝᕕᐅᑦᑕᐃᓕᔾᔪᑎᒃᓴᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓕᕋᔭᕐᓂᖓ ᓈᒻᒪᙱᓕᕈᑎᐅᕆᐊᒃᑲᓂᑐᐃᓐᓇᕐᒪᑕ. 2015-2017 ᐅᑭᐅᖓᓂ, ᒪᕐᕉᒃ ᐱᓕᕆᐊᖑᕙᐃᓐᓇᖅᑐᒃ ᑐᕌᖓᑎᑕᐅᓚᐅᕐᒪᑕ ᐅᖅᓯᐊᓗᖕᒥᒃ ᑯᕕᕝᕕᐅᕐᑲᑕᓚᐅᖅᑐᓂᒃ ᓄᓗᓇᐃᔭᐃᓯᒪᓕᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᑐᑎᒃ ᐆᒪᓂᖅᑯᐃᑦ ᐱᐅᑎᑦᑎᐊᕈᓐᓃᖅᑎᑕᐅᓯᒪᓕᕆᐊᒃᓴᖏᑕ ᐆᒪᓂᖅᑯᖅᑯᑎᐅᔪᓂᑦ.

ᓯᕗᓂᐊᓂ ᑐᑭᓯᒋᐊᒃᕕᒃᓴᖅᑯᑎᐅᔪᑦ ᐱᔾᔪᑎᖃᖅᑐᑎᒃ ᑐᖅᑯᓇᖅᑐᑕᕆᓂᕐᓂ ᐱᓕᕆᐊᖃᖅᐸᑦᑕᐊᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐱᑕᖃᖅᑎᑦᑎᕙᓐᓂᖁᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐃᒪᖏᓐᓂ ᐆᒪᓂᖅᑐᑦ ᓇᔪᒥᓐᓂ ᐊᒃᑐᐃᓯᒪᓕᖅᑲᖅᑕᕐᓂᖏᓐᓄᑦ ᓄᓗᓇᐃᖅᓯᓯᒪᓕᕈᑎᐅᓕᐅᓯᒪᓕ ᓴᐊᖑᐃᓐᓇᖅᑐᖅ ᐊᐅᐸᑦᑎᐊᓂᓚᔭᖓᓄᑦ ᐱᔾᔪᑎᐅᑦᑐᓂ ᐊᕿᕕᔭᐅᑉ ᐱᑕᖃᖅᐸᑦᑎᐊᓂᓪᓚᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑰᒋᓐᓂ, ᓱᒃᑲᓕᕙᑦᑎᐊᓂᕐᓂᐊᖅᑐᓂᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᑦᑎᐊᓂᖓ ᒪᓕᒃᐸᑦᑎᐊᓗᒍ.

ᐊᒥᓱᐃᓂᒃ ᑐᓴᖅᓴᐅᔾᔪᑎᓂᒃ ᐊᑐᖅᑐᑎᒃ ᓄᓗᓇᐃᔭᐃᕙᑦᑎᐊᓂᑦ ᐃᓚᖅᑎᑦᑐᒍ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᓂᒃ ᐃᖅᑲᖓᓂᑦ ᖃᐅᔨᓴᕝᓴᓂᒃ ᐱᓯᒪᖅᐸᓐᓂᐅᔪᓄᑦ ᓄᓗᓇᐃᖅᑕᐅᓯᒪᔭᔪᑎᐅᓕᑕᐅᓯᒪᓪᓚᑦ ᐊᒥᒻᒪᕆᐅᔪᓂᒃ ᐅᓗᕆᐊᓇᖅᑐᖃᖅᑕᕐᓂᖓᑕ ᕗᕌᐱᓴ ᐸᐃᐸ ᓵᕐᓗ ᑐᑭᒧᐊᒍᑎᐅᓂᐊᕐᓗᓂ ᐊᕙᑎᐅᑉ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖓᓂᒃ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᑕᕐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐱᕈᒃᑲᓂᕈᓐᓇᖅᑐᖅᑯᑎᓂᒃ ᐱᕙᑦᑎᐊᑎᑦᑎᖃᑦᑕᕐᓂᕐᓄᑦ. ᐊᒻᒪᓗᒃᑲᓂᖅ, ᓄᑖ ᐃᓕᑦᓴᐅᔪᑦ ᑕᓄᐅᑉ ᐃᖅᑲᖓᓂ ᑕᑦᑐᕈᑎᐅᑉ ᐃᒪᖓᓂ, ᕿᑭᖅᑖᓗᒃ ᑲᖏᖅᖢᖏᓂ, ᓂᐊᖏᒻ ᓯᑐᕌᑦᒥ ᐊᒻᒪᓗ ᒌᐸᑐᐊᓇᒥ ᐊᒻᒪᓗ ᐅᐊᓕᓂᐅᑉ ᑕᓄᐅᖏᑦ ᓄᓇᙵᐅᔪᐊᓄᑦ ᓄᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᖃᐅᔨᓴᕝᕕᐅᓂᐊᖅᑐᑎᒃ ᓇᓃᓐᓂᖏᓂ ᖃᓄᐃᑦᑑᓯᒪᓂᖏᑦ, ᐊᕙᑎᐅᔪᑦ ᐅᓗᕆᐊᓇᖅᑐᖅᑕᖅᐸᓂᖓᓄᑦ ᐊᒻᒪᓗ ᑭᓂᖅᑕᖅᑕᓂᐅᔪᓂᒃ ᐱᓕᕆᐊᖃᖅᐸᑦᑎᐊᕙᓐᓂᐅᔪᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐃᒪᖓᑕ ᓇᑎᖓᔭᖏᓐᓂ.

ᑕᓄᐅᑦᑎᓇᓂᒥ ᑐᓕᒃᓯᒪᕕᐅᑉᑕᖅᑐᓂ ᐊᒻᒪᓗ ᑯᓪᓗᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᐅᖓᓯᒃᑐᒥᑦ ᖃᐅᔨᓯᒪᓕᕈᑎᕙᒃᑐᑎᒍᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕈᓇᓚᐅᕐᒪᑕ ᐱᑦᑕᕐᓂᐅᔪᑦ ᐱᕈᖅᑐᖁᑎᓂᒃ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑐᓂ ᐃᓚᒃᓴᖅᑲᕐᓂᐅᕙᒃᑐᓂᒃ ᑐᕌᖑᑦᑐᒋᑦ ᕿᖅᑯᐊᓄᑦ ᐱᕈᖅᓯᒪᓕᖅᐸᒃᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐅᐊᖓᓂ, ᐊᒻᒪᓗ ᑕᑦᑐᕈᑎᐅᑉ ᐃᒪᖓᓂ. ᑯᓪᓗᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᑎᑎᖅᑲᒃᑯᑎᓂᒃ ᖃᐅᔨᒋᐊᖅᑳᑦᑕᐅᖅ ᓄᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᑕᓄᐅᑉ ᓯᑯᖓ ᓵᓕᕙᑦᑎᐊᓂᓪᓚᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᑭᕙᓖᓂ.

## ᑕᑯᒃᓴᐅᙱᑦᑐᑎᒃ ᐆᒪᓂᖅᑲᖅᑐᑦ ᐊᔾᔨᒌᙱᑦᑐᕐᓂᖏᑦ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖏᑦ ᓯᑎᕗᑦᑐᑎᒃ ᑕᕆᐅᑦ ᓇᑎᖏᑦᑕ ᐊᒻᒪᓗ ᐊᕙᑎᖓᓃᑦᑐᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᑦ: ᕙᓖᑉ ᐋᕐᓴᓪᐆᑦᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᖓ ᑑ ᑯᐃᐸᒃ ᐊ ᕆᒨᔅᑭ) ᐊᒻᒪᓗ ᐃᕙᓐ ᐃᑎᖑᕐ (ᒥᒍᐊᕆᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᑦ ᓂᐅᕙᐅᓛᓐᒥ)

ᓯᑎᕗᑦᑐᑎᒃ ᑕᕆᐅᑉ ᓇᑎᖏᑦ ᐊᖏᓂᖅ<ᐅᔪᒥᒃ ᖃᐅᔭᖅᑕᐅᕙᙱᒻᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᒪᖏᑕ ᓇᑎᖏᓐᓂ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᑦ ᐃᓖᓪᓗᑦᑕᐅᖅ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᓴᕋᐃᒃᑲᓗᐊᕐᒥᑎᑦᑐᑎᑦ ᐃᖅᑲᓕᕐᑭᕙᓐᓂᐅᑦᑐᑎᒃ ᐱᓕᕆᓂᐅᕙᒃᑐᓂᑦ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓂᑦ ᐊᕙᑎᐅᑉ ᑐᖁᓇᖅᑐᖅᑲᓕᖅᑎᑕᐅᕙᓂᖏᓐᓂᑦ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᔪᑦ ᖃᐅᔾᔨᐊᕐᓂᖅᖃᖅᐳᑦ ᐆᒪᓂᖅᑲᖅᑐᑦ ᐊᔾᔨᒌᙱᑦᑐᒃᑐᓂᒃ ᐊᒻᒪᓗ ᐱᑕᖅᑲᖅᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑲᖅᑐᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖑᕙᒃᑐᑦ ᐃᑎᔪᒥ ᑕᕆᐅᒥ ᓇᔪᖅᑕᐅᕙᒃᑐᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ, ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᑦᑐᑎᒃ: (1) ᐱᕈᖅᑐᖅᑯᐃᑦ ᑯᐊᐳᑦ ᐊᒻᒪᓗ ᓯ<ᓐᔾ ᖃᓄᖅ ᐊᑐᖅᓂᖅᑲᖅᑑᕙᓂᖏᑦᑕ (2) ᑐᑭᓯᓯᒪᓕᕆᐊᒥᒃ ᐊᔪᖅᓇᖅᑑᑦᑐᑎᒃ ᐊᒻᒪᓗ ᑕᑯᒃᓴᐅᙱᑦᑐᑦ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᑦ ᐊᔾᔨᒌᙱᑦᑐᖅᑑᓂᖏᑦ ᑐᕌᖓᑎᑦᑐᑎᑦ ᓇᔪᖅᑕᐅᓕᖅ<ᓐᓂᖏᑦᑕ; (3) ᑕᑯᒃᓴᐅᙱᑦᑐᑦ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᑦ ᑐᕌᖓᑎᑦᑐᑎᑦ ᐆᒪᓂᖅᑲᖅᑐᑦ ᐃᓚᒃᓴᖃᓕᖅᓯᒪᓂᖏᓐᓂᒃ ᖃᓄᐃᓕᖅ<ᑦᓕᐊᓂᐅᕙᓐᓂᖏᑦᑕ; ᐊᒻᒪᓗ (4) ᖃᓄᐃᓕᖓᓕᖅ<ᓐᓂᐅᔪᑦ ᐃᖃᓗᐃᑦ ᑲᑎᓯᒪᓕᕐᕙᕆᔭᐅᕙᒃᑑᑦᑐᑦ. ᑐᙵᕝᕙᕆᑦᑐᑎᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᐊᑐᖅᑐᒍ ᐅᒥᐊᕐᔪᐊᖅ CCGS ᐋᒪᓐᓴᓐ ᐅᖓᓯᒃᑐᒥᑦ ᐊᐅᓚᑕᐅᑦᑐᓂ ᓴᓇᕈᑎᐅᔪᖅ 2016-ᒥ, ᐆᒪᓂᖅᑲᖅᑐᑦ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᑦ ᐱᐅᑦᓚᕆᒃᑐᓂ ᑎᑦᑯᐅ ᕿᓐᒥ ᐱᕈᖅᑐᖅᑯᑎᐅᔪᑦ ᑯᐊᕈᑦᓂᒃ ᑦᑐᕈᑎᐅ< ᐃᒪᖓᓂ ᖃᓄᖅ ᐊᔾᔨᒌᙱᓐᓂᖅᑲᖅᓂᖏᑦ ᖃᐅᔨᕆᐊᖅᑕᐅᓯᒪᓕᕈᓐᓇᕐᓚᑕ ᖃᓂᑦᑕᖏᓐᓂ ᐱᑦᑲᖅᕕᐅᔪᑦ ᐊᓯᕈᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂ ᐃᖅᑲᓕᕐᑭᓂᖅᑲᖅᑕᖅᑎᑦᑐᑎᑦ ᒪᑦᑎᑕᐅᑎᓄᑦ 1999-ᒥ.

## ᖃᐅᔨᓴᕈᑎᖅᑲᖅᓂᖅ ᑕᐃᑲᓃᙱᑦᑐᒃᑯ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᓄᑖᖅ ᐊᑐᖅᑕᐅᔪᖅ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒫᕐᓯᐊᔾ ᐹᐱᓐ (ᓯᓚᑦᑐᖅᓴᕐᕝᔪᐊᖑᓂᑦ ᓚᕓᓪ)

ᑖᓐᓇ ᐱᓕᕆᐊᖑᐸᐃᓐᓇᖅᑐᖅ ᑐᕌᖓᑎᑕᐅᓯᒪᔫᖅ ᓄᑖᓂᒃ ᓴᓇᕈᑎᓂᒃ ᐋᖅᑭᐊᖅᑕᐅᓯᒪᔪᓂᒃ ᖃᐅᔨᓴᕈᑎᖃᕐᓂᖅᑯᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑲᓇᑕᐅᖓᓂ, ᐃᓚᖅᑲᖅᑎᑦᑐᑎᑦ: (1) ᒪᓕᒃᑐᒋᑦ ᐊᐅᓚᑦᓯᔾᔪᑎᐅᔪᑦ ᖁᒧᐊᒃᑎᑕᐅᓯᒪᔪᒧᑦ ᑕᐃᑲᓃᙱᑦᑐᒃᑯᑦ ᖃᐅᔨᓴᕈᑎᖅᑲᖅᓂᖅ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐱᕈᖅᑐᖅᑯᑎᓂᒃ, ᐱᕈᖅ<ᑦᓕᐊᓂᐅᕙᒃᑐᓂᒃ, ᐆᒪᔪᕙᓂᖅᓂᒃ, ᓄᕗᕙᑦᓕᐊᓯᒪᔪᓂᒃ ᐆᒪᓂᖅᑲᖅᑐᕕᓃᑦ, ᐊᒻᒪᓗ ᖁᐱᕐᕈᐊᖅᔪᐃᑦ ᐱᕈᖅ<ᑦᓕᐊᓂᖅᑲᖅᓂᖏᓐᓂᒃ; (2) ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᓂᖓᓂᑦ ᐊᒻᒪᓗ ᓴᓇᔭᐅᕙᑦᓕᐊᓯᒪᓂᖏᓐᓂᑦ ᓱᓇᖅᑯᑎᐅᔪᑦ ᐊᒻᒪᓗ ᐱᔨᑦᓯᕋᕈᑎᐅᔪᑦ (ᐃᖅᑲᓕᕐᑭᓃᑦ, ᐅᐊᔭᖅᕙᐅᕙᒃᑐᑦ, ᐅᔭᖅᑲᑦ, ᐅᐊᔮᖅᑐᐃᑦ, ᑕᑯᔭᖅᑐᐃᓂᓕᕆᓂᐅᕙᒃᑐᑦ); (3) ᐳᒃᑖᕈᑎᐅᕙᒃᑐᑦ, ᑲᓇᑕᒥ ᑎᖅᑲᕙᑦᓕᐊᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐃᓄᑐᐊᖑᓗᓂ ᐊᖅᑲᐅᒫᔪᑎᐅᕙᒃᑐᑦ; ᐊᒻᒪᓗ (4) ᓄᑕᐅᓂᖅ<ᐅᓂᕋᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᑐᑭᓯᓂᐊᕈᑎᓂᒃ ᑐᖅᑯᐊᖅᑲᖅᕕᓕᕆᔾᔪᑎᑦ. ᓯᕗᓪᓕᕐᒥᒃ ᖃᐅᔨᕆᐊᓂᐅᓚᐅᖅᑐᑦ 2015-2016 ᐅᑭᐅᖓᓂ ᑐᑭᓯᓂᐊᖅᕙᒃᓴᖅᑯᑎᐅᔪᑦ ᑦᑐᕈᑎᐅ< ᐃᒪᖓᓄᑦ ᐱᐅᓯᕚᑦᓕᕈᑎᐅᓯᒪᓕᖅᓚᑕ ᑐᑭᐅᒪᓂᐅᔪᓄᑦ ᓱᓇᖅᑯᑎᐅᔪᑦ ᐊᒻᒪᓗ ᐆᓂᖅᑲᖅᑐᐃᑦ ᖃᓄᐃᓕᖅ<ᑦᓕᐊᕙᓐᓂᖏᑦ ᐃᓚᖅᑲᖅᑕᐃᑦ ᐱᕈᖅᑐᑦ ᐱᑦᖃᓕᖅ<ᑦᓕᐊᕙᓐᓂᖏᑦ ᓯᑯᐃᑦ ᕿᓪᓕᖏᓐᓂ ᐅᐱᕐᖑᒃᓵᖑᑎᑦᑐᒍ ᐊᖏᓪᓕᕙᑦᓕᐊᑦᑐᓂ ᐅᑭᐅ< ᐊᑐᖅ<ᑦᓕᐊᓂᖑᓂ ᓯᑯᖅᑲᓕᖅᕕᐅᕙᒃᑐᓂ.

## ᑲᓇᑕᒥ ᓯᑯ - ᑐᑭᓯᐅᒪᓕᕆᐊᖅᓂᖅ ᐊᒻᒪᓗ ᑲᓇᑕᒥ-ᑲᓇᑕᐅ< ᓯᑯᙱᑕ-ᓯᓚᐅᑦᑐ ᐊᑦᕗᕕᕆᑐᖅᑲᐅᓐᓂᖏᓐᓂᒃ ᐱᓕᕆᐊᖅᑲᕈᑎᒃᓴᐃᑦ ᐊᓯᔾᔨᖅ<ᑦᓕᐊᑎᑦᑐᒍ ᓯᓚ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑕᐃᕕᑦ ᐹᕐᐳᕐ (ᓯᓚᑦᑐᖅᓴᕐᕝᔪᐊᖑ ᒫᓂᑑᐸ)

ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᐸᐃᓐᓇᖅᑐᑎᒍᑦ ᐱᑦᑲᓕᖅᑎᑦᑎᓯᒪᕗᑦ ᖃᓄᐃᓕᕙᑦᓕᐊᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᐱᑦᑲᓕᖅᑎᑐᖅᑲᐅᕙᑦᓕᐊᓂᐅᕙᓐᓂᖏᑦᑕ ᑲᓇᑕᐅ<-ᑲᓇᑕᒥ ᓯᑯᑦ-ᓯᓚᐅᑦᑐ (OSA) ᐊᑦᕗᕕᕆᑐᖅᑲᐅᓕᖅ<ᓐᓂᖏᑦᑕ ᒪᑯᑎᒎᓇᖅ: (1) ᖃᐅᔨᓴᐃᓂᖅᑎᒍᑦ ᑕᑯᒃᓴᐅᙱᑦᑐᓂᑦ ᓄᓇᖅᔪᐊᕐᒥ ᓯᓚᐅ< ᖃᓄᐃᓐᓂᖏᓐᓂᒃ, (2) ᓄᓇᓕᐅᔪᓂ ᓇᐅᑦᓯᖅᑐᕈᑎᐅᔪᑦ ᑲᑎᑕᐅᓯᒪᓕᖅᓂᖏᑎᒍᑦ ᖃᑦᑐᕚᓂᑦ ᖃᐅᔨᒪᔨᒻᒪᕆᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓄᓐᓂ ᖃᐅᔨᒪᔨᒻᒪᕆᒋᔭᐅᔪᑦ, ᐊᒻᒪᓗ (3) ᓴᓇᕈᑎᓕᐅᖅᓯᒪᓕᖅᓂᖅ ᖃᐅᔾᔪᑎᐅᕙᓕᕈᓐᓇᖅᑐᓂᒃ ᖃᓄᐃᓐᓂᖏᑦ ᐊᐳᑎᑦ/ᑲᓇᑕᒥ ᓯᑯᐃᑦ ᖁᒧᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᐅᖓᓯᒃᑐᒥᒃ ᖃᐅᔨᓴᕈᑎᐅᔪᒃᑯᑦ. ᑐᙵᕝᕙᕆᑐᑦ ᑕᒪᒃᑯᐊ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑦ, ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᑦ ᓴᖅᐲᓯᒪᓕᖅᑯᓇᖅᓂᐊᖅᓚᑕ ᓯᕗᓂᖅ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᓴᔭᖅᓂᐅᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐ< ᑲᓇᑕᐅᖓᓂ ᓯᑯᖏᑦᑕ ᐊᒻᒪᓗ ᐊᒃᑐᐃᓯᒪᓕᖅᓴᔭᖅᓂᖏᑦᑕ ᐆᒪᓂᖅᑲᖅᓂᐅᕙᒃᑐᓄᑦ ᐱᕈᖅᑐᖅᑯᑎᓄᑦ ᐊᒻᒪᓗ ᓄᓇᒥ ᖃᓄᐃᓕᖓᓕᖅ<ᑦᓕᐊᓂᐅᕙᒃᑐᓄᑦ ᐊᐅᓚᑦᓯᓂᖅᑑᑎᒃ ᑲᓇᑕᐅ<-ᑲᓇᑕᒥ ᓯᑯᑦ-ᓯᓚᐅᑦᑐ ᐊᑦᕗᕕᕆᑐᖅᑲᐅᓕᖅ<ᓐᓂᖏᓐᓂᒃ. ᖃᐅᔨᕆᐊᖅᓯᒪᓃᑦ 14-ᓄᑦ ᐅᑭᐅᓄᑦ ᖁᒧᐊᒃᑎᑕᐅᓯᒪᔫᒃᑯᑦ ᑎᑎᕋᖅᑕᐅᕙᑦᓕᐊᓯᒪᔪᓂᒃ ᓇᑐᓇᐃᖅᓯᓯᒪᓕᕐᓚᑕ ᑲᓇᑕᐅ< ᓯᑯᖓ ᓵᒃᓕᕙᑦᓕᐊᓯᒪᓕᕐᓪᓚᑦ 9-ᓂ 12-ᖑᔪᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᐃᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᖓᔭᖏᓐᓂ ᑲᓇᑕᐅ< ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᑭᕙᑖᓂ.

## ᓇᐅᑦᓯᖅᑐᐃᓂᖅ ᐃᓕᕐᒥᐅᑕᐃᑦ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᑦ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᓂᒃ ᐊᑐᖅᑐᒋᑦ ᓴᓇᕈᑎᑦ ᑕᐃᔭᐅᓂᖅᑲᖅᑐᑦ ᐃᐊᑦᓇ (EDNA): ᓄᑖᖑᑦᑐᑎᒃ ᐊᑭᑐᓗᐊᙱᑦᑐᑎᒍᑦ ᐱᓕᕆᐊᖅᑲᕈᑎᐅᕙᒃᑐᓂᒃ ᓇᓂᓯᓯᒪᓕᕆᐊᖅᑲᑦᑕᖅᓂᖅᓂ ᓱᒃᑲᓕᔪᒥᒃ ᐅᑭᐅᖅᑕᖅᑐ< ᐊᓯᔾᔨᖅ<ᑦᓕᐊᕗᕕᕆᔭᖏᓐᓂᒃ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓗᐃ ᐳᓈᑦᓯᔾ (ᓯᓚᑦᑐᖅᓴᕐᕝᔪᐊᖑᓂᑦ ᓚᕓᓪ)

ᐊᕙᑎᓕᕆᓂᕐᒥ ᓱᓇᓂᑦ ᖃᓄᐃᓕᖓᓕᕆᐊᖅᓯᒪᓂᕕᓂᖏᓐᓂᑦ (eDNA) ᖃᐅᔨᓴᐃᔾᔪᑎᑦ, ᓄᑖᖑᑦᑐᓂ ᖃᐅᔨᓴᕕᒃᓴᓂᒃ ᑲᑎᖅᓯᐃᓂᐅᕙᒃᑐᖅ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᕙᒃᑐᓂ ᓇᑭᙳᖅᓯᒪᓂᖅᑲᖅᓂᐅᔪᓂᒃ ᐃᒪᕐᒥ, ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕈᓐᓇᖅᑐᓂ ᓄᓇᓕᐅᔪᒥ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᓂᒃ ᒥᑭᑦᑐᑯᓗᒻᒥᑦ ᑲᓇᑕᒥᑦ ᐃᒪᖓᓂᑦ. ᐱᓕᕆᐊᖅᑲᖅᑎᕆᑦᑐᕆᑦ ᑕᑯᒃᓴᐅᙱᑦᑐᓕᕆᓃᑦ, ᐱᑦᑲᖅ<ᓚᐅᙱᑦᑐᑦ ᐱᕈᖅ<ᑦᓕᐊᓯᒪᓕᖅᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐃᖅᑲᖓᓂᑦ ᑲᓇᑕᐅ< ᐆᒪᓂᖅᑲᖅᑐᓕᕆᓃᑦ ᐊᒻᒪᓗ ᒪᓕᒐᓕᐅᖅᑎᐅᔪᑦ (ᐃᓕᕐᒥᐅᑕᓕᕆᓃᑦ SEES-ᑯᑦ ᑲᑐᔾᔨᓂᖅᑲᖅᑐᑎᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖏᑦ), ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᐊᖑᐸᐃᓐᓇᖅᑐᑎᒍ ᑕᑯᒃᓴᕈᑎᑦᑎᑭᐊᕈᒻᒪᑕ ᐱᓕᕆᔪᑎᐅᕙᒃᑐᓂᒃ ᐊᑐᖅᑐᒃ eDNA-ᒥᒃ ᐅᑭᐅᖅᑕᖅᑐ< ᑲᓇᑕᐅᖓᓂ ᐆᒪᓂᖅᑲᖅᑐᓕᕆᔪᑎᓂᒃ ᐃᑲᔪᕈᑎᐅᕙᓂᐊᖅᑐᑎᒃ ᖃᐅᔨᓯᒪᓕᕆᐊᖅ<ᓂᖅᓄᑦ ᐅᒪᓂᖅᑲᖅᑐᖅᑯᑎᓂᒃ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᑦ ᐊᓯᔾᔨᕆᐊᖅᓯᒪᓕᖅ<ᓐᓂᖏᑦᑕ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑏᑦ ᐱᕈᖅᑐᑦ ᑕᐅᕙᓂᖅᒥᐅᑕᖅᑲᐅᙱᑦᑐᑦ ᐱᕈᖅᓯᒪᓕᖅ<ᓐᓂᖏᓐᓂᒃ.

ᐱᓕᕆᐊᖑᐸᐃᓐᓇᖅᑐᒃᑯᑦ ᐱᓕᓪᒪᒃᓴᐃᓂᖅᑲᖅᑕᖅᓯᒪᓕᖅᑐᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᖅᑲᑎᑭᒃᑐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᖅᑯᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᑭᔪᐅᔪᓂᒃ ᓄᓇᓕᐅᔪᓂ ᓇᐅᑦᓯᖅᑐᐃᓂᖅᑲᖅᑐᑎᒃ ᐱᓕᕆᓂᖅᑲᖅᑕᕐᑲᑦᓕᖅᑯᑦᑐᑎᑦ eDNA-ᒥᒃ ᑕᐅᕙᓂᖅᒥᐅᑕᖅᑲᐅᓇᑎᒃ ᐱᕈᖅᓯᒪᓕᖅ<ᑐᖅᑯᑎᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᓚᒃᑕᕐᕕᐅᕙᒃᑐᓂ.

## ᐅᐊᔾᔫᖅᑐᑎᒍᑦ ᓱᑯᖃᕐᓂᐅᔪᒥᒃ ᐊᒻᒪᓗ ᐅᖅᓱᐊᓘᑉ ᑯᕕᔾᔭᐅᓯᒪᓂᖓᓄᑦ ᓄᓇᙳᐊᑎᒍᑦ ᓇᓗᓇᐃᔭᐃᕙᓐᓂᖅ - ᒥᐊᓂᕆᔭᐅᓯᒪᓕᕐᓂᖓ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖏᑕ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᖏᑦ ᐊᒻᒪᓗ ᓄᓇᓕᒋᔭᐅᔪᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑕᐃᕕᑦ ᑲᓚᐅᓯ (ᕙᐅᑐᕐᔫᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓂᑦ)

ᑲᓇᑕᒥ ᓯᑯᓕᕆᓂᕐᒥ ᐱᔾᑦᓯᕋᖅᑎᒃᑯᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᖏᑦ ᐊᒡᒐᖑᑦ ᕐᑯᒧᐊᒃᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᐊᔾᔨᓕᐅᖅᑕᐅᓯᒪᔪᓂᒃ ᐋᖅᑭᒃᓱᐃᔨᐅᕐᑲᑦᑕᕐᓚᑕ ᑐᑭᓕᐅᕆᔨᐅᕙᒃᑐᓂᒃ ᓯᑯᒧᑦ ᓄᓇᙳᐊᓕᐅᖅᐸᓐᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᔪᒃᓴᓂᒃ ᐊᒃᔭᖅᑐᐃᔾᔪᑎᐅᕙᒃᑐᓄᑦ ᐅᒥᐊᕐᔪᐊᑎᒍᑦ ᐊᒻᒪᓗ ᓯᑯᓯᐅᑎᓂᒃ ᐅᒥᐊᕐᔪᐊᓂᒃ, ᐃᑲᔪᕈᑎᒃᓴᓕᐅᖅᐸᒃᑐᑎᒃ ᐊᖑᓇᓱᐊᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᓈᒻᒪᑦᑎᐊᖅᑐᑎᒍᑦ ᐊᒃᔭᖅᑐᐃᔪᓐᓇᖅᐸᓐᓂᕐᓄᑦ ᓯᑯᒃᑯᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᒋᔭᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᓇᑐᓇᐃᔭᐃᕙᒃᑐᑎᒃ ᐅᖅᓱᐊᓗᒃᑕᖃᕐᓂᐅᔪᓂᒃ. ᐅᐊᔾᔫᖅᑐᓄᑦ ᓱᑯᐸ ᖃᓄᐃᓐᓂᖓᓄᑦ ᑐᑭᓕᐅᕆᕙᓐᓂᖅ ᐱᒻᒪᕆᐅᓗᐊᕐᒪ ᓱᑲᑦᑐᒥᒃ ᐊᒻᒪᓗ ᑕᒻᒫᔭᖅᓯᒪᓐᖑᑦᑐᓂᒃ ᓯᑯᒧᑦ ᓄᓇᙳᐊᓕᐅᖅᐸᕆᐊᖃᕐᓂᐅᑉ ᐊᒻᒪᓗ ᒫᓇᒧᑦ ᑎᑭᑦᑐᒍ, ᐱᓕᕆᔾᔪᑎᑦᖃᓕᓚᐅᖅᓯᒪᓐᕆᒻᒪᑦ ᑐᙵᕙᐅᔪᓐᓇᓯᐊᕐᓂᐊᖅᑐᑎᒃ ᐅᖅᓱᐊᓘᑉ ᑯᕕᑎᑕᐅᓯᒪᓂᖏᓐᓄᑦ ᑕᕆᐅᒥ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᕙᓕᕋᔭᖅᑐᓂᒃ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᐋᖅᑭᒃᓯᐃᔾᔪᑎᐅᕗᖅ ᓯᕗᓂᑦᑎᓐᓂ ᐅᐊᔾᔫᖅᑐᑎᒍᑦ ᐱᓕᕆᐊᖃᕈᑎᐅᕙᓕᕋᔭᖅᑐᓂᒃ ᖃᐅᔨᓴᕈᑎᐅᕙᓐᓂᐊᕐᓗᑎᒃ ᑐᓴᖅᓴᐅᓂᖅᑎᒍᑦ ᐊᔾᔨᓕᐅᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᒃ ᓱᑯᒥᒃ ᓄᓇᙳᐊᓕᐅᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐅᖅᓱᐊᓗᖕᒥᒃ ᑯᕕᑎᑕᐅᓯᒪᔪᒥᒃ ᓇᓗᓇᐃᖅᓯᓕᕆᑎᐅᕙᒃᑐᓄᑦ. ᐱᐅᓯᑐᕐᒃᑯᑦ ᖃᐅᔨᒪᔭᐅᔪᑐᕐᒃᑐᓂᒃ ᐃᓕᐅᖅᑲᐃᓯᒪᓕᕐᓂᖅ ᐋᖅᑭᒃᓯᐃᕙᓪᓕᕈᓂᕐ ᐅᐊᔾᔫᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᑎᓄᑦ ᐱᔾᔪᑎᒋᔪᒍ ᓯᑯᐃᑦ ᖃᓄᐃᑦᑐᕙᓐᓂᖏᑦ ᑐᑭᖅᑦᓯᐊᕐᓂᖅᓴᐅᕙᓕᕐᓂᐊᕐᓚᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ. ᐅᐊᔾᔫᖅᑐᑎᒍᑦ ᓴᓇᕐᕈᑏᑦ ᐃᑲᔪᕈᑎᐅᓯᒪᓕᕐᓂᐊᕐᒥᔪᑦ ᓄᑖᙳᑦᑐᑎᒃ ᑐᓴᐅᖅᓴᐅᓂᕆᑎᒍᑦ ᕐᑯᒧᐊᒃᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᓯᓚᓕᕆᓂᕐᒥ ᐱᓕᕆᔾᔪᑎᓄᑦ (RCM) ᐸᕐᓇᒍᑕᐅᕙᑦᓕᐊᓕᖅᑐᒧᑦ ᓴᖅᑭᑕᐅᓯᒪᓕᕐᓂᐊᖅᑐᑎᓂ 2018-ᒥ.

## ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐊᑯᓃᖅᑐᒧᑦ ᑕᕆᐅᒥᒃ ᖃᐅᔨᓴᐃᕝᕕᖏᑦ: ᑲᔪᓯᑎᑕᐅᓯᒪᓂᖏᑦ ᐊᒻᒪᓗ ᑲᑎᑎᖅᑕᐅᓯᒪᓂᖏᑦ ᑕᖅᑭᓄᑦ ᖃᔅᓯᑦᑐᐊᓄᑦ ᑎᑎᕋᖅᑕᐅᕙᑦᓕᐊᓯᒪᓂᐅᔪᑦ ᑕᑯᒃᓴᐅᔪᒃᑯᑦ ᐊᒻᒪᓗ ᐆᒪᓂᖃᕐᓂᓕᕆᓂᖅᑎᒍᑦ ᖃᐅᔨᓭᑎᐅᓯᒪᔪᓄᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑖᓂ ᑐᒫᓐᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑑ ᑯᐃᐸᒃ ᐋ ᕆᔫᔅᑭ)

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᑕᕆᐅᓕᕆᓂᕐᒥ ᑐᓵᔅᓯᒪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᖅᑎᑦᑎᖃᑦᑕᖅᓯᒪᓕᖅᑐᑦ ᐃᑲᔪᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᑎᑎᕋᖅᐸᑦᓕᐊᔾᔪᑎᓄᑦ ᐊᔾᔨᕐᙱᕆᐅᖅᑐᓂ ᐃᑎᓂᕆᔭᐅᔪᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᑕᐃᒪᙵᓂᑦ 2002-ᒥ. ᑕᒪᒃᑯᐊ ᐃᑖᒃᑯᖓᓪᓗᑎᒃ ᓴᓇᕐᕈᑎᐅᕙᒃᑐᑦ ᑎᑎᖃᖅᐸᓪᓕᐊᔾᔪᑎᐅᕙᓪᓚᑕ ᐃᒪᐃᑦ ᖃᓄ ᑯᒃᐸᓪᓕᐊᓂᕆᕙᒃᑕᖏᑦ ᓱᒃᑲᓂᖃᕐᒪᖕᖢᑕ ᐊᒻᒪᓗ ᓇᒧᑦ ᑯᒃᐸᓪᓕᐊᓂᖃᕐᒪᖕᖢᑕ, ᖃᓄᑎᒋ ᑕᕆᐅᖃᖅᑎᒋᓂᖏᓐᓂᒃ, ᓂᓪᓚᓱᖏᓐᓂᒃ, ᓂᕐᕿᕆᔭᐅᕚᔭᒃᓴᖃᑎᐊᕐᓂᖏᓐᓂᒃ, ᑐᙳᖅᓯᓯᒪᓕᕈᑎᖃᕐᓂᖏᑕ, ᐊᒻᒪᓗ ᓱᓇᖅᐸᓗᓐᓂᖃᕐᓂᖏᑕ, ᐊᒻᒪᓗ ᐆᒪᓂᖃᖅᑐᕕᓂᖁᑎᑦ ᑭᕕᕙᓪᓕᐊᕙᓐᓂᖏᓐᓂᒃ ᑕᕆᐅᑉ ᕐᑯᖏᓂᑦ ᓇᑎᖏᓐᓄᑦ ᐅᑭᐅᓕᒫᒥ ᑲᑎᖅᓱᐃᕙᒃᑐᑎᒃ. ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ-LTOO-ᑯᑦ ᐱᓕᕆᐊᕆᑲᐃᓐᓇᖅᑕᒥᓐᓂ ᖃᐅᔨᓴᐃᓂᖃᕐᕗᑦ ᐊᔾᔨᕖᕆᐅᕐᓂᕆᓯᒪᔪᕆᓐᓂᒃ ᐅᑭᐅᓄᑦ ᐊᒥᓱᓚᐅᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᕙᑦᓕᐊᓯᒪᔪᖅᑯᑎᓂ ᖃᐅᔨᓯᒪᓕᕆᐊᖅᑐᒥᑦ ᐊᓯᔾᔨᖅᓯᒪᓂᐅᓕᓚᐅᖅᑐᓂᒃ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐱᔾᑦᓯᕋᕈᑎᖅᑲᖅᐸᓐᓂᐅᔪᓂᒃ ᓄᓇᓕᐅᔪᓄᑦ. ᓴᖅᑭᑖᐅᓵᓚᐅᖅᑐᑦ ᓇᓗᓇᐃᖅᓯᓕᓚᐅᕐᓚᑕ, ᐆᓇᖅᓯᕙᑦᓕᐊᓂᖓᓚᑕ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐅᐊᖕᓇᖕᖓᓂᕐᒥᐅᓂ, ᓄᑖ ᐅᑭᐊᒃᓵᒥ ᐱᕈᖅᐸᓐᓂᖏᑦ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐱᕈᖅᑐᕐᑯᑏᑦ ᐱᕈᖃᑦᑕᓕᕈᓐᓇᕐᓚᑕ ᐃᑎᓂᖅᓴᐅᓂᖏᓐᓂ ᐊᔾᔨᕆᔭᐅᓕᕐᑐᑎᒃ ᕐᑯᑎᖕᓂᕆᔭᐅᕙᒃᑐᓄᑦ ᐅᒃᑐᐱᕆ-ᓄᕕᐱᕆᒥ ᕐᑐ ᐅᐱᕐᖓᒃᓴᒥ-ᐊᐅᔭᒥ ᐱᕈᖅᐸᓪᓕᐊᓂᖏᑦ ᐱᑕᖅᑲᓕᖅᓯᒪᕙᒻᒪᑕᑎᑐᑦ.

## ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓪᓗᑎᒃ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒥ ᓄᓇᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᖅ ᑐᑭᒧᐊᒍᑎᒃᓴᐅᓂᐊᖅᑐᓂᒃ ᐊᕙᑎᐅᑉ ᐊᒃᑐᒐᐅᓯᒪᓂᖓᓄᑦ ᖃᐅᔾᔨᐊᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐱᕐᑯᒃᑲᓂᕈᓇᖅᑐᓕᕆᓂᕐᒥ ᕗᕈᐱᓯᕐ ᐸᐃ, ᓄᓇᕗᒻᒥ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐃᕙᓐ ᐃᑎᓐᒍᕐ (ᒥᒧᐊᕆᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐅᖓᑦ ᓂᐅᕙᐅᓐᑖᓐᒥ)

ᑖᒃᑯᓂᖓ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᓂ ᓇᓗᓇᐃᔭᐃᕙᒃᑐᑦ ᐊᑖᓃᑦᑐᑦ ᓇᑎᖏᑦ ᖃᓄᐃᑦᑑᓂᖏᑕ ᐊᒻᒪᓗ ᐃᒪᕐᒥᐅᑕᓄᑦ ᐅᓗᕆᐊᓇᖅᑐᔾᔭᓐᓇᖅᑐᓂᒃ (ᓄᓇ ᐊᓘᑦ ᐃᖏᕐᕿᕙᑦᓕᐊᓕᕋᔭᕐᓂᖅᐸᑦ ᓯᑐᓂᖅᓱᓂ, ᐊᓘᒃᐸᓪᓕᐊᓂᐅᔪᐃᑦ ᐋᖅᑭᐅᒪᓕᑎᐊᕈᖅᑰᕋᔭᖅᐸᑕ, ᓴᔪᒃᐱᓪᓚᒃᑐᒥᑦ ᐊᐅᓚᓂᐊᓗᓪᒥᑦ ᑰᕕᐅᔪᖅᑲᓕᕋᔭᖅᐸᑦ), ᐃᓚᖅᑲᖅᑐᕆᑦ ᓯᐊᒻᒪᒃᑎᖅᑕᐅᕙᓪᓕᐊᓂᖏᑦ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐆᒪᓂᖅᑲᖅᑐᑦ ᐊᔾᔨᕐᙱᕆᐅᖅᑑᓪᓗᑎᒃ ᕗᕈᐱᓴ ᐸᐃ ᐃᒪᖓᓂ. 2015-ᒥ ᐊᒻᒪᓗ 2016-ᒥ, ᐊᒥᓱᐃᑎᒍᑦ ᖃᐅᔨᒪᓂᖅᑲᖅᑐᓂ ᑐᓴᖅᓴᐅᑎᑦᑎᔾᔪᑎᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᕙᓪᓕᐊᓯᒪᓂᐅᔪᑦ ᐃᓚᖅᑲᖅᑎᓪᓗᑎᒃ ᐊᔾᔨᕐᙱᕆᐅᖅᑐᓂᒃ ᑕᕆᐅᑦ ᓇᑎᖏᓐᓂᑦ ᖃᐅᔨᓴᖑᔅᓴᓂᒃ ᑲᑎᖅᓱᐃᔾᔪᐅᕙᒃᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᔾᔨᐅᓕᓚᐅᕐᓚᑕ ᖃᓄᐃᑦᑐᓂᒃ ᐊᒥᓱᓚᐅᓪᓗᑎᒃ ᐊᖅᑲᐅᒪᓂᐅᔪᑦ ᐊᓘᐊᒃᐸᓪᓕᐊᓂᖏᑦ ᓈᒻᒪᒍᖕᖏᖅᑕᖅᓯᒪᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓂᒃ ᕗᕈᐱᓴ ᐸᐃ ᐃᓗᐊᓂ ᓄᓇᒧᑦ ᐅᓗᕆᐊᓇᖅᑑᓕᕈᓐᓇᖅᑐᓂᒃ; ᐊᒻᒪᓗ ᐊᑯᓃᖅᑐᒧᑦ ᐊᔾᔨᕐᙱᕆᐅᕐᓂᖅᑲᓕᖅᐸᓐᓂᖏᑦ ᐆᒪᔪᐃᑦ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᕆᕗᑦ ᕿᒥᕐᕈᔭᐅᓯᒪᓂᖏᑎᒍᑦ ᖃᐅᔨᓴᖑᔅᓴᓂᒃ ᐱᕕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᐅᑭᐅᖏᑦ 1970-ᐃᑦ ᐊᒻᒪᓗ 1980-ᐃᑦ ᐊᑐᖅᑎᓪᓗᒋᑦ. ᐅᑭᐅᖓ 2018-ᒧᑦ ᑎᑭᓯᒪᓕᖅᑎᓪᓗᒋᑦ, ᐃᒪᖓ ᕗᕈᐱᓴᐅᑉ ᓄᓇᙳᐊᓄᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᓯᒪᓕᕐᓚᑕ ᑕᒪᕐᒥᒃᓴᒃ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖅᑲᕕᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᓪᓗᑎᒃ ᑭᓯᐊᓂᐅᑐᐃᓐᓇᓇᐊᖅᑲᖅᓂᖏᑦ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᕙᒃᑐᓂᑦ, ᓱᓇᖅᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐃᖅᑲᓪᓕᖅᑭᓂᖏᑦ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᕙᒃᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓂᐊᕆᕗᑦ.

## ᓄᑖᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᐸᓐᓂᖅ ᓇᐅᑦᓯᖅᑐᐃᓂᒥ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐆᒪᔪᓂᒃ ᒥᑭᓪᓕᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᕆᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓯᕖᕙᓐ ᕘᕐᒍᓴᓐ (ᓛᓃᑐᐸᒥ ᓯᓚᑦᑐᖅᓴᕐᕕᖓ)

ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᒪᓚᑕ ᑲᔪᓯᓪᓚᕐᑐᓂ ᑲᓇᐅᑉ ᓯᑯᖓ ᐊᐅᒃᐸᓪᓕᐊᓕᕐᓂᖓᓂᑦ ᐊᒻᒪᓗ ᓂᕿᕆᕙᒃᑕᖏᑦ ᐊᒥᔫᓂᕆᔭᖏᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓕᕐᓂᕆᓇᓂᑦ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᐃᓚᑰᓂᖃᕐᕕᐅᔪᓂᒃ ᖃᐅᔨᓴᖅᑎᓪᓗᓇᐅᔪᑦ ᐱᓕᕆᐊᖃᕈᓯᕆᕙᒃᑲᕆᓂᑦ ᐊᒻᒪᓗ ᐱᐅᓯᑐᕐᒃᑯᑦ ᐆᒪᓂᖃᖅᑐᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᒪᓂᐅᔪᓄᑦ ᐋᖅᑮᓯᒪᓕᕆᐊᕈᑎᐅᕗᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᐊᕐᓗᑎᒃ ᓂᕿᕆᔭᐅᕙᒃᑐᓂᒃ, ᐅᐊᔭᕐᓂᐅᕙᒃᑐᓂᒃ, ᓇᔪᖅᑕᐅᕙᒃᑐᓂᒃ, ᐱᑕᖃᕐᓂᖏᑦ ᐊᒻᒪᓗ ᐱᐊᓛᖅᑖᕈᓯᕆᕙᒃᑲᕆᑦ ᐃᖏᕐᕋᑎᐊᖅᐸᓐᓂᖏᑦ ᓇᑦᑎᕐᓂ, ᕿᓚᓗᒐᕐᓂ, ᐊᒻᒪᓗ ᓇᑦᑎᕐᓂ, ᐊᒻᒪᓗ ᖃᓄᐃᓕᖓᓕᖅᓯᒪᓂᖏᑦᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓕᕐᓂᖓᓂᑦ ᑕᕆᐅᒥ ᓱᑯᕐᓂᐅᕙᒃᑐᓄᑦ, ᓂᕿᕆᕙᒃᑲᕆᓄᑦ, ᐋᓂᐊᖃᓕᖅᐸᓐᓂᖏᑦ ᑕᐃᒪᐅᖏᓐᓇᖅᑑᓂᖏᓐᓄᑦ, ᐊᒻᒪᓗ ᑐᑯᓇᖅᑐᖃᓕᖅᓯᒪᓂᐅᔪᑦ ᖁᑎᖕᓂᕆᔭᖏᓐᓄᑦ. ᓄᓇᓕᒋᔭᐅᔪᓂ ᓇᐅᑦᓯᖅᑐᐃᓂᖑᑦ ᐱᓕᕆᐊᖑᔪᑦ ᐊᑐᖅᑕᐅᓕᑦᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᒃ ᐱᓕᕆᐊᖃᑎᖃᓕᕈᑎᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᕙᓐᓂᖅ, ᐊᐅᓚᑦᓯᓂᕐᓂ ᐊᒻᒪᓗ ᒥᐊᓂᖅᓯᓕᕐᓂᕐᓂ ᐱᓕᕆᐊᖃᖃᑎᖃᕐᓯᒪᓂᐅᓄᑦ. ᑕᐃᒪᓐᓇ ᐱᓕᕆᓂᖃᖅᓯᒪᓂᖅ ᐱᑕᖃᕈᑎᐅᓯᒪᕗᖅ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᑐᑭᓯᐅᒪᓕᖅᐸᓪᓕᐊᓂᕐᒥᒃ ᖃᓄᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᑦ ᐊᕙᑎᕆᔭᒥᓐᓂᒃ ᐊᑐᖅᐸᕆᐊᖏᑕ, ᑕᒪᒃᑯᐊᓗ ᐃᑲᔪᕈᑎᓕᓐᓗᑎᒃ ᓇᓗᓇᐃᔭᐃᓂᕐᒥ ᐊᑦᑕᓇᖅᑑᓕᖅᓯᒪᓪᓗᑎᒃ ᓇᔪᖅᑕᐅᕙᒃᑐᓂᒃ, ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᐊᖅᑐᓄᑦ ᖃᐅᔨᒃᑲᐃᔾᔪᑎᖃᖅᐸᓐᓂᕐᓄᑦ, ᐊᒻᒪᓗ ᐊᑦᑕᓇᖅᑑᓕᖅᓯᒪᓂᖏᑦ ᐊᑦᑕᕕᕆᑐᕋᐅᓐᓂᕆᔭᐅᔪᓄᑦ ᐆᒪᓂᖅᑲᖅᑐᕐᑯᑎᐅᔪᓄᑦ.

## ᐅᑭᐅᖅᑕᖅᑐᑉ ᐆᒪᐃᑦ (*BOREOGADUS SAIDA*) ᓇᔪᖅᐸᒃᑕᕐᒥᑦ ᐅᐊᓕᓂᐅᑉ ᑕᕆᐅᖓᓂ: ᑲᑎᑎᖅᑕᐅᓯᒪᓂᕐᒥᑦ ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᓯᒪᓂᕐᒥᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓗᐃ ᕗᐊᑦᑎᐋ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᐃᔭᖅᑐᕐᐸᒃᑐᑦ ᓯᑦᑎᐱᕆᒥ-ᐅᒃᑐᐱᕆᒥ ᐅᐊᓕᓂᐅᑉ ᑕᕆᐅᖓᓂ, ᑕᐃᒪᓗ ᑕᒪᓐᓇ ᐱᔾᔪᑎᒋᓪᓗᒍ ᑐᑭᓯᓂᐊᕐᕕᒃᓴᕐᑯᑎᑖᕐᒍᓯᒪᔪᓂᒃ ᐱᓯᒪᓕᖅᐸᕐᒥᒻᒪᑕ ᑯᓐᓇᕆᐊᖅᓯᒪᔪᓐᓇᖅᐸᕐᒥᓐᓇᒥᒋᑦ ᐅᑭᐅᓗᒃᑖᕐᒍᓂᐊᖅᑐᒧᑦ. ᐅᑭᐅᖅᑕᖅᑐᑉ ᐆᖓᕐᒥᑦ ᐃᖃᓗᐃᑦ ᓂᕆᔭᖅᑐᕐᓯᒪᕙᓂᕐᒥᑦ, ᐃᓚᒋᔭᐅᓪᓚᑦᑖᖅᑕᐅᑎᓪᓗᒍ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐆᒪᓂᖃᕐᓂᕐᒥᓇᓄᑦ, ᓱᓕ, ᑕᐃᒪᓕ, ᑎᑎᕋᖅᑕᐅᓯᒪᓗᐊᕐᒥᒻᒪᑕ. ᑖᓇ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒥ ᖃᐅᔨᒋᐊᕐᓂᖃᖅᐳᑦ ᐅᑭᐅᒃ ᒪᕿᒃ ᐅᖓᑖᓄᑦᑑᓐᓃᑦ ᐊᑯᓐᓂᕐᒥᓐᓂ ᐊᔾᔨᒌᕐᒥᓐᓂᖃᕐᕕᐅᓂᕐᒥᓐᓂ ᓇᓗᓇᐃᖅᓯᒪᔪᓂ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐆᒪᐃᑦ ᐃᖃᓗᕐᒥᓐᓂ ᐆᒪᓂᖅᐸᓐᓂᕐᒥᓐᓂᒃ ᖃᓄᖅ ᑕᒪᑯᐊ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᖃᓄᐃᓕᖓᓕᖅᓯᒪᕙᓪᒪᖕᒐᑦ ᑐᑭᓯᓯᒪᓕᕆᐊᕐᓗᕆᑦ. ᐊᒥᓱᐃᖅᑕᖅᑐᒍ ᐅᑭᐅᖅ ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᕙᓐᓂᕐᒥᑦ ᖁᐱᕐᕈᔪᐊᑦ ᐃᒪᕐᒥᐅᑕᐃᑦ ᖃᓄᖅ ᐱᑕᖅᑲᑎᒋᓂᕐᒥᑦᑕ ᑭᓂᖅᑕᓂ ᑲᑎᓱᐃᓯᒪᓕᕋᓯᐊᕐᕕᓐᓂᑦ ᐅᐊᓕᓂᐅᑉ ᑕᕆᐅᖓᑕ ᐊᔪᕿᐊᕐᓂᖓᓂ ᐊᑐᖅᑕᐅᒻᒪᑕ ᖃᐅᔨᓴᕈᑎᐅᑦᓱᑎᒃ ᐅᑭᐅᑕᒫᑦ ᖁᐱᕐᕈᔪᐊᖃᓕᖅᐸᓐᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᒫᓂᕐᑕ, ᓂᕿᑭᔭᐅᕙᒃᑐᓂᑦ ᐆᒪᓂᑦ. ᓯᕗᕐᖓᓂ ᑐᑭᓯᓂᐊᕐᕕᖁᑏᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓚᐅᕐᒪᑕ ᐅᑭᐅᒃ ᒪᕿᒃ ᐅᖓᑖᓄᑦᑑᓐᓃᑦ ᐊᔾᔨᒌᕐᒋᓐᓂᖅᑲᓕᖅᓯᒪᕙᓪᒪᑕ ᐊᒻᒪᓗ ᐊᒥᓲᓂᕆᔭᕐᒋᓂ ᒪᓂᓕᐊᖑᕙᒃᑐᑦᓂ ᑕᕆᐅᑦ ᓯᑯᕐᒋᓐᓂ ᐆᒪᓂᖅᖃᒃᑐᑦ.

## ᐊᕙᑎᒥ ᐅᖅᓱᐊᓗᕐᒥᒃ ᑯᕕᔪᖃᕋᔭᖅᐸᑦ ᐆᒪᓂᖃᖅᑐᐃᑦ ᓄᖑᐸᓪᓕᐊᓕᕈᓐᓇᕐᓚᑕ ᑕᑯᒃᓴᐅᙱᑦᑐᑎᒃ ᐆᒪᓂᖃᖅᑐᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐃᒪᐃᑦ ᐊᕙᑎᕆᔭᕐᒥᓐᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑲᐃᓯ Hᐃᐅᐳᕐᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒋᐊᒍᕆ)

ᑲᓇᑕᒥ ᐅᐊ.ᒌᖅᑐᓕᕆᔾᒃᑯᑦ ᑲᑎᒪᔨᕐᒥᑦ ᓈᒻᒃᓴᐃᓯᒪᓕᖅᑎᑦᑐᕐᒥᑦ ᑕᕆᐅᒥ ᐃᑰᑕᖃᑦᑕᕈᓐᓇᕐᓂᕐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ 2011-ᖑᑎᑦᑐᒍ ᐊᕙᑎᕆᔭᐅᔪᓂᕐᒥᐅᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓐᓂᖅᓴᐅᓕᕐᒪᑕ ᐱᔮᕆᓇᑎᒃ ᐱᑕᖃᓕᖅᑎᑦᑎᕙᓕᕋᔭᕐᓂᕐᓂᒃ ᐊᔾᔨᙱᕆᐅᖅᑐᓂᒃ ᐅᖅᓱᐊᓗᕐᓂᑦ ᑐᕐᑯᓇᖅᑐᖅᑲᓕᑎᑦᑎᓗᑎᒃ ᐃᑰᑕᕐᓂᒃᑯᑦ ᐊᒻᒪᓗ ᐊᒃᔭᖅᑐᐃᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᑎᒧᑦ. ᐆᒪᓂᖃᖅᑐᑦ ᖁᐱᕈᐃᑦ ᑕᑯᒃᓴᐅᙱᑦᑐᑦ ᓄᖑᑎᕆᕙᓪᓕᐊᔪᓇᕐᓂᕐᒥᑦ ᐅᖅᓱᐊᓗᖅᑲᕐᓂᐅᔪᒥᒃ ᐆᒪᓂᖃᖅᑐᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖅᑲᕐᓂᐅᔪᓄᑦ ᐊᑐᖅᑕᐅᕙᒍᓇᕐᓚᑕ ᐃᒪᓐᓇ ᑕᑯᒃᓴᐅᓇᑎᒃ ᐆᒪᓂᖃᖅᑐᑦ ᐋᔭᐃᕙᓪᓕᐊᔪᓄᑦ ᐅᖅᓱᐊᓗᓕᕆᓂᕐᒥ ᓴᓇᕝᕕᐅᔪᑦ ᐃᑲᔪᕈᑎᐅᓕᕐᑐᑎᒃ ᐊᒻᒪᓗ ᐊᒃᔭᖅᑐᐃᓂᐅᕙᒃᑐᓄᑦ ᐅᖅᓱᐊᓗᕐᒥᒃ. ᑕᒪᒃᑯᓂᖓ ᐃᓗᐃᒃᑲᐅᓗᒍ ᐃᑲᔪᕐᓂᐅᔪᓐᓇᖅᑐᓂᒃ ᐅᔾᔮᕆᔭᐅᓕᕐᑦᑐᒍ, ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᓂᐅᔪᑎᒍᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᖅᑲᑦᑕᖅᐳᑦ ᓱᓇᑕᕐᑲᐅᖅᑐᕐᑯᑎᕐᒥᓂᒃ, ᑯᒃᓴᐅᑦᑐᑎᒃ ᐱᑕᖅᑲᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐆᒪᓂᖃᖅᑑᓂᕐᒥᑦ ᑕᒪᒃᑯᐊ ᑕᕆᐅᒥ ᑯᒃᓴᐅᓇᑎᒃ ᐃᔾᔪᑦ ᐱᑕᖅᑲᓂᐅᔪᓂᒃ. ᑕᐃᒪᓗ ᒫᓇᒧᑦ ᑎᑭᑦᑐᕐᒥᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᖅᐳᑦ ᐅᖅᓱᐊᓗᖃᓂᐅᔪᑉ ᓄᖑᑎᖅᑕᐅᓯᒪᕈᓐᓇᕐᓂᖓ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᑕᕆᐅᕐᒥᓐᓂ ᐱᓕᕆᕝᕕᐅᓕᕈᓐᓇᕐᓚᑦ, ᐊᒻᒪᓗ ᐃᓚᖓᒍᑦ ᐊᔾᔨᙱᕐᒥᓐᓂᐅᔪᓂᒃ ᐱᑕᖅᑲᒃᑕᕐᓂᖓᑕ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᐅᔪᓂ ᐊᒻᒪᓗ ᐊᔾᔨᙱᕐᒥᐅᖅᑐᓂᒃ ᑐᕐᑯᓇᖅᑐᖅᑲᓕᕐᓯᒪᓂᐅᕙᓐᓂᕐᒥᓐᓂᒃ.

## ᑕᕆᐅᕝᕕᙱᑦᑐᒥ ᑲᑎᖅᑲᑦᑕᕐᓂᖓ Hᐊᑦᓴᓐ ᐸᐃᒥ: ᖃᐅᔨᓴᐃᓂᖅ ᐅᑭᐅᕝᕕᑎᑦᑐᒍ ᑕᕆᐅᖅᑲᕐᓂᐅᔪᑉ ᑕᕆᐅᖅᑲᙱᓐᓂᐅᔪᒥᓗ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᓂᐅᕙᒃᑐᓂᒃ ᑕᕆᐅᑦ ᓯᒡᔭᖓᑕ ᖃᓂᒋᔭᖓᓂ ᓱᑦᑐᕐᓂ Hᐊᑦᓴᓐᐸᐃ ᓯᕿᓂᖅᐸᓯᐊᓂ ᐊᒻᒪᓗ ᐃᓕᙶᒃᑎᑕᐅᓯᒪᓕᖅᐸᓐᓂᕐᒥᑦ ᐊᕙᑎᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᔩᐅ ᔩᐅ ᑯᔾᒃ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸᒥ)

Hᐊᑦᓴᓐ ᐸᐃ ᐊᕐᒋᔪᒻᒪᕆᐊᓗᒻᒥᒃ ᑕᕆᐅᕝᕕᙱᑦᑐᒥᒃ ᐃᒻᒥᖅᓯᒪᓕᖅᐸᓪᓕᑦ ᓯᑯᐃᑦ ᐊᐅᒃᐸᓪᓕᐊᓂᕐᒥᓐᓂᑦ ᐊᒻᒪᓗ ᑰᖕᓂᑦ ᑰᓪᕕᐅᕙᓪᓕᐊᓂᖅᑲᕐᓂᕐᒥᓐᓂᑦ ᐅᖓᑖᓄᑦ 40%-ᑎᓂᒃ ᑰᓪᕕᐅᕙᓐᓂᖓᓂᑦ ᑲᓇᑕᐅᑉ. ᑕᕆᐅᕝᕕᙱᑦᑐᖅ ᐊᒃᑐᐃᓯᒪᓂᖅᑲᖅᐸᓪᓕᑦ ᑕᕆᐅᑉ ᓯᑯᕆᓕᕐᓂᐊᖅᑕᖓᓂᒃ, ᐃᒪᖅᑲᓕᕐᓂᖓᓂᑦ ᐅᑭᐅᒥ ᐊᑯᑉᓕᕆᔭᐅᓕᖅᑲᑦᑕᕐᓂᕐᓂᑦ, ᖃᖓᓂ ᓂᕆᔭᐅᔪᓐᓇᖅᑐᑦ ᐱᑕᖅᑲᓕᒃᑲᓐᓂᖅᐸᓐᓂᕐᒥᑦ, ᐊᒻᒪᓗ ᐃᑎᓂᖓᓂᑦ ᐃᒪᕐᒥᒃ ᐱᑕᖅᑲᓕᖅᐸᓐᓂᐅᔪᓐᑦ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ, ᐱᓕᕆᐊᖅᑲᑎᒋᑦᑐᕐᒥᑦ ᐃᓄᐃᑦ ᐊᒻᒪᓗ ᐅᓇᑖᑦ ᓄᓇᓕᕐᒥᓐᓂᑦ, ᐱᓕᕆᓂᖃᕈᑎᐅᕗᑦ ᐊᑯᓂ ᐃᓱᓖᓗᒍᑎᐅᓯᒪᓕᖅᑐᓂᒃ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓐᓂᕐᒥᑦ ᑰᖕᓂᕐᒥᑦ ᐅᐊᔭᐅᑎᓕᐅᖅᐸᓐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᐃᓱᓖᓗᒍᑎᐅᓯᒪᓕᖅᑐᓂᑦ ᐊᑯᓂ ᐆᒪᓂᖃᖅᑐᓂᑦ Hᐊᑦᓴᓐ ᐸᐃ ᓯᕿᓂᖅᐸᓯᐊᓂᑦ ᑭᕙᑖᓂ. ᑕᑯᓐᓇᕐᓂᐅᓵᓚᐅᖅᑐᑦ ᕿᒥᕈᐃᑦᑐᑎᒃ ᑐᑭᓯᕆᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᓂᒃ ᐃᓄᓐᓂᑦ ᖃᐅᔨᒪᔨᒪᓂᕆᔭᐅᔪᓂᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᔫᔭᕐᓚᑦ ᑕᕆᐅᑉ ᐃᓕᖅᑯᓯᖁᕙᒃᑕᖓ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓚᑦ ᑕᕆᐅᑦ ᓯᒡᔭᕐᒥᑦ ᓱᑦᑐᕐᒥᓂ, ᑕᕆᐅᕝᕕᙱᓐᓂᖅ ᐊᕐᒥᓂᖅᓴᐅᓕᖅᐸᒃᑐᓂ ᐅᑭᐅᒥ ᑕᐃᒪᓐᓇᐃᓕᕋᔭᕐᓂᖓᓂᑦ ᐊᓯᐊᒍᑦ ᓂᕆᐅᕐᒋᔭᐅᓚᐅᖅᑑᖓᓗᐊᓂᑦ.

## ᓄᓇᙳᐊᓕᐅᕐᓂᖅ ᑲᓇᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᑕᕆᐅᑦ ᓇᑖᖓᓂᒃ: ᐃᓚᐅᖃᑕᐅᓂᕐᒥᑦ ᓄᓇᕐᔪᐊᑉ ᐊᓯᔾᔩᕙᓪᓕᐊᓂᕐᒥᓄᑦ ᖃᐅᔨᓴᐃᕙᓐᓂᕐᓂ, ᐱᕈᒃᑲᓐᓂᕈᓐᓇᖅᑐᕐᑯᑎᓂᒃ ᐱᕙᓪᓕᐊᑎᑦᑎᕙᓐᓂᕐᓂ, ᓈᒻᒪᒃᑐᒥᒃ ᐃᕐᒋᕋᕝᕕᐅᕙᒍᓐᓇᕐᓂᖓᓄᑦ ᓱᑦᑐᐊᓘᑉ, ᓱᕈᖅᓯᒪᓕᖅᑎᑦᑎᔪᓐᓇᕐᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᐊᐅᓚᑦᓯᔾᔨᐅᓃᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐹᑐᕆᒃ ᓚᔫᓐᓴ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᐊᑐᕐᓂᑎᒃ ᐅᒥᐊᕐᔪᐊᕐᒥ CCGS *ᐋᒥᓐᓴᓐ*, ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᐊᒃᑯᑦ ᑲᒪᔨᕆᔭᐅᓂᐊᖅᐳᑦ ᑐᓴᖅᓴᐅᑎᑦᑎᓂᒃᑯᑦ ᓄᓇᙳᐊᓕᐅᕐᓂᕐᒥᒃ ᑕᕆᐅᑦ ᓇᑖᖓᓂᒃ ᐊᒻᒪᓗ ᐃᒃᑲᓐᓂᐅᑦᑐᑎᒃ ᐃᒪᕐᒥ ᑭᓂᖅᑕᐃᑦ ᐱᑕᕐᓂᕐᒥᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᑕ ᓇᑖᖓᓂ. ᖃᐅᔨᓴᐃᓯᒪᓕᖅᑐᑦ ᐊᑐᖅᑕᐅᕙᒃᐳᑦ ᒪᑯᓄᖓ: (1) ᓇᓗᓇᐃᖅᓯᒪᓕᕐᓗᑎᑦ ᑕᕆᐅᒧᑦ ᓱᕈᖅᐸᓪᓕᐊᔾᔪᑎᐅᔪᓐᓇᖅᑐᑦ ᐃᑲᔪᓕᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᐅᓗᕆᐊᓇᖅᓯᓯᒪᓕᕈᓐᓇᖅᑐᓂᒃ ᐃᓄᓐᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᐅᔪᒧᑦ ᐊᐅᓚᑦᓯᓂᐅᔪᓂᒃ ᑐᕌᖓᑎᑦᑐᕐᒥᑦ ᓱᓇᕐᑯᑎᐅᔪᓂᒃ ᐱᕙᓪᓕᐊᑎᑦᑎᕙᓐᓂᕐᓄᑦ; (2) ᐱᐅᓯᕆᐊᖅᑎᑦᑎᕆᐊᕐᓂᕐᒥ ᐅᒥᐊᒃᑯᑦ ᐃᕐᒋᕋᕝᕕᐅᕙᒃᑐᒃᓴᓂᒃ ᐊᒻᒪᓗ ᐊᓯᐊᒍᑦ ᐊᒃᔭᖅᑐᐃᕙᓐᓂᕐᓂ ᐊᖅᑯᑕᐅᕙᒍᓐᓇᕋᔭᖅᑐᓂᒃ; ᐊᒻᒪᓗ (3) ᑐᓴᕐᓴᕐᑯᑎᓂᒃ ᓴᓚᓕᕆᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᓯᒪᔪᓄᑦ ᐱᑕᖅᑲᓕᖅᑎᑦᑎᓗᑎᒃ ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᓯᓚᐅᑉ ᖃᓄᐃᑦᑑᓕᖅᐸᓐᓂᖓᓂᒃ ᐱᓕᕆᓂᖅᑲᑦᑕᕈᓐᓇᖅᓯᓂᐊᕐᒪᑕ ᐊᒻᒪᓗᖃᓄᐃᓕᖓᓕᖅᑎᑦᑎᕙᓐᓂᖓᓂᒃ ᓇᓗᓇᐃᖅᓯᓯᒪᕙᓕᕐᑯᑦᑐᕐᒥᑦ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᓄᓇᙳᐊᓕᐅᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᖓᑦ ᒫᓇᐅᔪᒥ ᐱᔾᔪᑎᖃᕐᓚᑦ ᐊᕐᒋᔪᒻᒪᕆᓪᓕᒥᒃ ᐅᑦᑐᒥᐅᓕᖅᑐᒥ ᖃᓄᖅ ᐃᑎᓂᖃᕐᓂᕐᒥᓄᑦ ᖃᐅᔨᓴᐃᔪᑎᓂᒃ ᐊᑐᓕᖅᓯᒪᓂᕐᒥᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᕿᑭᖅᑕᓗᑖᖃᕐᕕᐅᔪᓂ.

## ᑕᕆᐅᒥ ᐊᕙᑎᒋᔭᖓᓂᒃ ᐊᒻᒪ ᐆᒪᓂᖃᖅᑐᖃᕐᓂᖓᓂᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᖅ ᐊᒻᒪ ᖄᖓᓃᑦᑐᓂ ᓯᓚᒧᐊᖅᐸᑦᓕᐊᕙᓐᓂᖏᑦ ᒐᔅᓯᑦ ᐊᓯᔾᔨᖅᐸᑦᓕᐊᓂᖓᓂ ᐅᑭᐅᖅᑕᖅᑐᖅ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎᐅᔪᒃ: ᑎᒻ ᐸᐸᑭᕆᐊᑯ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ)
ᐊᒻᒪ ᐳᕆᓐᑦ ᐃᐅᔅᓯ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑭᐅᒍᓇ)

ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᓂ ᓯᑯᑉ ᖄᖓ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖃᕐᒪᑦ ᐊᖏᔪᒻᒪᓇᖕᒥᒃ ᑕᐃᒪᓐᓇᐃᓚᕿᑎᑕᐅᓪᓗᓂ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ, ᑕᐃᒪᓗ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑎᑦᑎᕙᒃᑐᓂ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᓂᐅᕙᒃᑐᓄᑦ ᓯᓚᒥ ᒐᔅᓂᒃ ($CO_2$, $CH_4$, N2O, DMS). ᑐᑭᓯᐅᒪᓕᕐᓂᐊᕐᓗᒍ ᖃᓄᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᕆᐅᖓ ᖃᓄᐃᓕᖓᓕᖅᑎᑦᑎᕆᐊᖅᐸᓪᓚᖖᑦ ᐊᓯᔾᔨᖅᑎᑦᑎᕙᓪᓕᐊᕙᓐᓂᖓᓂᒃ ᑕᒪᒃᑯᓂᖓ ᒐᔅᓂᒃ, ᖃᓇᑕᐅᔭᑎᒍᑦ ᐱᓕᕆᔾᔪᑎᓂᒃ ᐊᑐᖅᐸᒃᑐᑦ ᖃᓄᑎᒋᓂᐅᓂᖏᓐᓄᑦ ᖃᐅᔨᕆᐊᖅᐸᓐᓂᕐᒥᓂᒃ ᑕᒪᒃᑯᓇᖖᑦ ᐱᓕᕆᐊᖑᔪᒥᑦ ᖃᓄᑎᒋᐅᕙᓐᓂᖏᑦ ᒐᔅ-ᖑᔪᑦ ᑭᐳᒃᕕᕆᑐᖅᑐᖅᐸᐅᓂᖏᓐᓄᑦ, ᐱᐅᓯᕆᐊᖅᑎᑦᑎᕙᓐᓂᖏᓐᓂ ᓯᓚᒥ ᐊᓂᖅᓵᖅᑐᓴᐅᔪᓄᑦ, ᐊᒻᒪ ᑎᑎᕋᖅᓯᒪᓕᕈᑎᐅᕙᒃᑐᓂ ᐊᒃᑐᐃᓯᒪᓕᕈᓐᓇᕐᓂᖏᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᐅᔪᓄᑦ ᒐᔅ-ᖃᕐᓂᖓᓄᑦ ᓇᐅᒥ ᐋᓯᑦᑕᖃᓕᖅᐸᓐᓂᖓᓄᑦ, ᑐᑭᓇᖅᑐᖃᓕᖅᓯᒪᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪ ᑕᕆᐅᒥᑦ ᓂᕿᑦᓴᐅᕙᒃᑐᓄᑦ. ᑲᔪᓯᑎᑕᐅᓯᒪᓪᓗᓂ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᒪᑕ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᕿᑭᖅᑕᓗᒌᖃᕐᓂᐅᔪᑦ, ᐅᑦᑐᒥᐅᔫᒌ, ᓴᙱᓗᐊᖅᑐᒥᒃ ᓯᓚᒧᐊᖅᓯᓯᒪᑎᑦᑎᕙᓐᓂᖓᓄᑦ ᐳᑦᓚᒃᑐᒥᒃ ᐅᖅᓯᐊᓗᒃᓴᖃᖅᓯᒪᓂᖓᓄᑦ ᓴᙱᔪᐊᓘᑦᑐᓂ ᓯᓚᑦᑕ ᖁᓖᖓᓄᑦ ᓄᖑᑉᐸᓪᓕᐊᔪᑎᐅᕙᒃᑐᓂᒃ.

## ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕙᑎᖓᓂ ᐆᒪᓂᖃᖅᑐᓕᕆᓂᖅ ᐊᒻᒪ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᔫᓐ ᓇᔅᒑᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓂ ᒫᓂᑑᐸ)

ᐱᓪᓚᐅᑎᐅᑦᑐᓂ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᐅᔪᖅ ᐱᐅᓯᕆᐊᖅᑎᑦᑎᓂᕐᒥ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐱᓕᕆᔾᔪᑎᐅᓕᖅᓯᒪᔪᓂ, ᑖᕙᓂ ᐱᓕᕆᐊᖃᕐᓂᕐᒥᓐᓂ ᖃᐅᔨᕆᐊᖅᓯᒪᓕᕈᓯᒪᔪᑦ ᐊᒻᒪ ᑐᑭᓯᐅᒪᓕᕆᐊᖅᑐᕆᑦ ᑕᕆᐅᑉ ᓯᑰᓂᖓᑕ ᐊᒻᒪ ᐊᐱᓯᒪᓂᖓᑕ ᐃᓕᙵᐃᓯᒪᓕᖅᑎᑦᑎᕙᓐᓂᖏᑎᒍᑦ ᖃᓄᐃᓕᐅᖅᐸᓪᓕᐊᓂᖃᖅᐸᓐᓂᐅᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᕆᐅᑉ ᐊᒻᒪ ᓯᓚᐅᑉ. ᓄᑕᐅᓂᖅᐸᐅᑦᑐᑎᒃ ᐱᐅᓂᖅᐸᐅᔪᓂᒃ ᓴᓇᕿᑎᓂᒃ ᐊᑐᓕᖅᓯᒪᕗᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᑦᑐᕆᑦ ᐱᓕᕆᓂᖃᕐᓂᕐᒥᓐᓂ ᑐᕌᖓᔪᓄᑦ: (1) ᑕᕆᐅᑉ ᓯᑯᖓᑕ ᐆᒪᓂᖃᖅᑐᖃᕐᓂᖏᓂᒃ ᐊᒻᒪ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᕙᓐᓂᐅᔪᓄᑦ, (2) ᑕᕆᐅᒥ ᓯᑯᖓᑕ ᓱᓇᖃᕐᓂᖓᓄᑦ ᐊᒻᒪ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᕙᓐᓂᐅᔪᓄᑦ, (3) ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᕆᐅᑉ ᐃᒪᖓ ᓲᕐᒥᓂᖃᖅᑑᓂᖓ ᖁᒃᐸᓪᓕᐊᑎᑦᑐᒍ ᐊᒻᒪ ᓯᑯᖃᕐᓂᖏᑦ ᑲᖏᖅᑐᐃᑦ, (4) ᑕᕆᐅᑉ ᓯᑯᖓᓂ ᐱᕈᖅᑐᖃᖅᐸᓐᓂᖅ ᐊᒻᒪ ᓯᑯᑉ ᐊᑖᓂ ᐱᕈᖅᑐᖃᖅᐸᓐᓂᐅᔪᑦ, ᐊᒻᒪ (5) ᐱᕈᖅᑐᖁᑎᓄᑦ ᑐᖁᑎᕈᐲᖃᑦᑕᕐᓂᐅᕙᒃᑐᑦ ᑕᕆᐅᑉ-ᐃᒪᖓᓂ-ᓯᓚᒥ (OSA) ᐊᑦᕙᕆᑐᕿᐅᓇᓂᖅᓇᓂ. ᓄᑖᑎᒍᑦ ᑐᑭᓯᓂᐊᖁᑎᖃᕐᓂᐅᔪᑦ ᐱᑕᖃᓕᕈᑎᐅᕗᑦ ᓯᕗᓪᓕᕐᒥᒃ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕈᑎᓂᒃ ᓱᑯᐃᖅᓯᒪᔪᑦ ᐃᒪᕐᓗᓴᐃᑦ ᓱᓇᖃᖅᐸᓐᓂᖏᑦ ᐊᒻᒪ ᑭᖑᓂᐊᓂ ᐊᓂᐊᕙᓪᓕᐊᑎᑦᑎᓕᖅᐸᒃᑐᑎᒃ ᑐᖁᓇᖅᓂᒃ ᐊᑐᖅᑕᐅᓯᒪᓂᑯᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᓄᑦ ᑕᕆᐅᑉ-ᐃᒪᖓᓂ-ᓯᓚᒥ ᐊᑦᕙᕆᑐᕿᐅᓇᓂᐅᔪᓄᑦ ᖃᐅᓯᐃᑦᑐᒥ ᓱᓪᓗᐊᓄᑦ.

## ᑐᑭᓯᐅᒪᓕᕆᐊᕐᓂᖅ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐃᓕᙵᐃᓯᒪᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᕐᒥᑦ ᑐᖁᓇᖅᑐᖃᓕᖅᑎᑦᑎᓂᐅᕙᒃᑐᑦ ᐊᒻᒪ ᐱᑕᖃᓕᖅᑎᑦᑎᓂᐅᕙᒃᑐᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓ ᑕᕆᐅᖕᒥᓂ ᐆᒪᓂᖃᖅᑐᓂᒃ: ᖃᓄᖅ ᐸᕐᓇᒃᓯᒪᓕᕆᐊᕐᓂᐊᖅᐱᑕ?

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒥᐊᓇ ᓯᑰᕐᓇ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ)

ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ, ᑕᕆᐅᒥ ᓯᑯᑉ ᐊᐅᒃᐸᓪᓕᐊᓂᖓ, ᐊᖏᒡᓕᕙᓪᓕᐊᓂᖏᑦ ᓱᓇᖁᑎᓂᒃ ᑕᕆᐅᒥᑦ ᐲᔭᐃᕙᓪᓕᐊᓂᐅᕙᒃᑐᑦ ᐊᒻᒪ ᐅᒥᐊᕐᔪᐊᑎᒍᑦ ᐊᒃᓴᖅᑐᐃᓐᓇᕐᓂᐅᔪᑦ ᑕᒪᕐᒥᒃ ᓇᓗᓇᐃᒻᒪᕆᒃᑐᒥᒃ ᐊᒃᑐᐃᓯᒪᓂᖃᕐᒪᑕ ᐊᒥᓱᐃᓕᖕᖓᓪᓗᑎᒃ ᐊᒃᓴᖅᑐᐃᔪᑎᐅᕙᒃᑐᑦ ᐊᖅᑯᑎᒋᕙᒃᑕᖕᒥᓂᑦ (ᐃᖏᕐᕋᕝᕕᒋᕙᒃᑕᖕᒥᓂᒃ, ᐱᑕᖃᓕᖅᐸᓪᓕᐊᓂᐅᔪᑦ ᐃᓚᒃᓴᖁᑎᓂᒃ ᓄᑖᓂᒃ, ᖃᓄᐃᓕᐅᖅᐸᓪᓕᐊᓂᐅᔪᑦ ᐊᒻᒪ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᑐᖁᓇᖅᑐᖁᑎᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᓂ ᐆᒪᓂᖃᖅᑐᖁᑎᐅᔪᓄᑦ. ᖃᐅᔨᓴᐃᓕᕐᓯᒪᓂᖅ ᑖᒃᑯᓇᖖᑦ ᐱᓕᕆᐊᖑᔪᑎᓂᑦ ᐱᑕᖃᕈᑎᐅᓪᓚᑦ ᖃᐅᔨᓴᖅᑎᓪᓚᕆᐅᔪᑦ ᑐᙵᕕᒋᑦᑎᔭᕆᐊᖅᓇᓄᑦ ᒐᕙᒪᐅᔪᓄᑦ ᐋᖅᑭᐊᕈᑎᒃᓴᓂᒃ ᑐᖁᓇᖅᑐᖃᖅᑎᑦᑎᑎᓯᒪᓂᐅᔪᓄᑦ ᐊᒻᒪ ᑐᖁᓇᖅᑐᖃᖅᑎᑦᑎᔾᔮᙱᓐᓂᕐᒥ ᐱᓕᕆᓂᖃᑦᑕᖁᑦᑐᕆᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᑦ ᐊᕙᑎᒋᔭᖓᓇ. ᓯᕗᓪᓕᕐᒥᒃ ᑐᑭᓯᓂᐊᕐᕕᒃᓴᖁᑎᑦ ᓇᓗᓇᐃᕐᓯᓯᒪᓕᕈᑎᑦ ᖁᐊᖑᐃᓐᓇᕐᓂᐅᔪᑦ ᐊᒡᒍᒃᐸᓪᓕᐊᓕᕐᓂᖓ ᐊᐅᒃᐸᓪᓕᐊᓂᐅᔪᓂ ᐊᖏᓪᓕᕆᐊᕈᑎᐅᓯᒪᓕᕐᓕᒃ ᐊᕿᕿᔭᓴᖃᓕᖅᐸᓪᓕᐊᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑰᑦ, ᐱᑕᖃᕐᓯᒪᓂᖓᓗ ᐱᔾᔪᑎᒋᓪᓗᒍ ᓄᐃᑕᖅᐸᓪᓕᐊᔾᔪᑎᐅᓪᓗᒍ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ.

## ARC3BIO-ᒥᒃ ᑕᐃᔭᐅᔾᔨᓯᖃᖅᑐᓂ ᐱᓕᕆᐊᖑᔪᖅ (ᑕᕆᐅᒥ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐆᒪᓂᖃᖅᑐᑦ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᑎᒃ, ᐆᒪᓂᖃᖅᑐᖁᑏᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᓇᕐᓂᖏᑦ ᐊᒻᒪ ᑕᕆᐅᒥ ᐊᕙᑎᒋᔭᖓᓂᒃ ᐊᒻᒪ ᐆᒪᓂᖃᖅᑐᖃᕐᓂᖓᓂᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᖅ ᐱᓕᕆᐊᖑᔪᖅ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ)

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᒃ: ᔮᓐ-ᐃᐊᓇᒃ ᑐᕌᒻᐸᓚᐃ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ), ᕚᓖᑉ ᐋᖅᓴᓐᐳᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᑦ ᑰ ᑯᐃᐸᒃ ᐋ ᓇᒨᔅᑭ) ᐊᒻᒪ ᒥᓯᐊᓪ ᒐᔅᓚᓐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᑦ ᑰ ᑯᐃᐸᒃ ᐋ ᓇᒨᔅᑭ)

ᐅᑭᐅᖅᑕᖅᑐᑉ ᐃᒪᖓᓂ ᐆᒪᓂᖃᖅᑐᖁᑎᐅᔪᑦ ᐊᒥᓱᒃᑲᓚᐅᔪᓄᑦ ᐱᑕᖃᓕᕈᑎᐅᕙᓪᓚᑕ ᓱᕐᓗ ᓂᕿᑦᓴᐅᔪᓐᓇᖅᑐᓄᑦ, ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᙱᑦᑐᕐᓂᖏᓐᓄᑦ, ᐅᖅᓯᐊᓗᒃᓴᖅᓯᕝᕕᓐᓄᑦ ᐊᒻᒪ ᓂᕿᑦᓴᐅᔪᓐᓇᖅᑐᓂᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖃᕐᓂᐊᕐᒪᑕ. Arc3Bio-ᒥᒃ ᑕᐃᔭᐅᑦᑐᑎᒃ ᐱᓕᕆᐊᖑᔪᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᓯᒪᓪᓚᑕ ᖃᓄᖅ ᓯᓚᒥᑦ ᐊᒻᒪ ᐃᓄᐃᑦ ᑭᒃᑯᑐᐃᓐᓇᑦ ᐃᓕᓐᓂᐊᓂᐊᖅᑕᕗᑦ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓪᓚᖖᑦ ᐱᓪᓚᐅᑎᐅᑦᑐᑎᒃ ᐆᒪᓂᖃᖅᑐᖁᑎᓄᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᕙᖕᓂᖓ ᖁᑦᑎᖕᓂᓴᐅᔪᑦ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᓂᖃᕐᓂᐊᕐᒪᑕ. ᐅᒥᐊᕐᔪᐊᑎᒍᑦ ᓯᑯᓯᐅᑎᒃᑯᑦ ᑲᓐᓇᑦᑕᓐᓂᕐᒥᒃ, ᖁᒧᐊᒃᑎᑦᑎᓪᓚᕆᑦ, ᐊᒻᒪ ᐊᐅᓚᑕᐅᓂᒃᑯᑦ ᑲᓇᓂᔭᐅᔪᑦ ᐊᒻᒪ ᐱᓕᕆᓂᐅᔪᑎᒍᑦ ᖃᐅᔨᓴᕐᓂᖃᕐᓂᐊᕐᒪᑕᓗ ᐊᓕᓐᓂᐊᕈᑎᐅᓯᒪᓕᕐᓂᐅᔪᑦ ᐅᓚᕆᑦ ᐃᓄᒃᑐᐃᖅᑐᓂᒃ ᐃᓕᔭᐃᓕᒃ, ᖃᐅᒪᑦᑎᐊᕈᓐᓇᕐᓂᖓᓄᑦ ᐊᒻᒪ ᐃᓚᒃᓴᖁᑎᖃᕐᓂᐅᔪᓄᑦ (nitrogen) ᐱᕈᖅᐸᓪᓕᐊᔾᔪᑎᒃᓴᐅᔪᓂᒃ, ᐊᔾᔨᒌᙱᑦᑐᓂᐅᔪᓂᒃ ᐊᒻᒪ ᐆᒪᓂᖃᖅᑐᖁᑎᐅᔪᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᐸᓐᓂᖏᓐᓄᑦ ᐊᑐᕐᓂᖃᖅᐸᓐᓂᖏᑦ ᐃᒪᐅᑉ ᐃᑭᐊᖓᓂ ᐊᒻᒪ ᐃᒪᐅᑉ ᐃᑐᐊᓂᒥᐅᑕᓄᑦ. ᑖᒃᑯᑎᒍᓇᖅ ᐱᓕᕆᓂᒃᑯᑦ ᓴᖅᑭᑎᓕᓚᐅᕐᒪᑕ ᓄᑖᒍᓪᓗᑎᒃ ᑐᑭᓯᓂᐊᖃᑦᑕᕐᓂᖅ ᖃᐅᒪᓂᐅᑉ ᖃᐅᒪᖅᓯᒪᓂᖅᑲᓂᑦᑎᑦᑕᐅᓂᖓ ᐊᐳᑎᒥᑦ ᐊᒻᒪ ᓯᑯᒥᑦ ᐊᒻᒪ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᓯᒪᓕᕐᒪᑕ ᐱᐅᓯᕆᐊᖅᑎᑦᑎᕙᓐᓂᖓ ᐅᖓᓯᖕᓂᖅᓴᒥᑦ ᖃᐅᔨᓴᖅᑎᖏᓐᓂᒃ ᓇᓚᐅᑦᑖᖅᓯᒪᓕᕐᓂᐊᕐᒪᑕ ᐱᓕᕆᐊᖅᑎᑦᑎᓂᐅᔪᑦ. ᖃᐅᔨᓴᐅᑎᓯᒪᓕᖅᑐᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑦᑐᒧᑦ ᓄᑕᐅᓂᖅᓴᐅᔪᒥᒃ ᒥᑭᔪᒥᒃ ᐱᑕᖃᓕᖅᑎᑦᑎᓯᒪᓂᐅᔪᓄᑦ ᐃᓱᒪᕆᐊᕐᒥᑦ ᖃᓄᑎᒍᑦ ᒥᑭᑦᑐᒃᑯᓗᒃᑎᒍᑦ ᖃᓄᑎᒋᓪᓚᐅᕐᓂᖏᓐᓂᒃ ᓱᖁᑲᐃᓐᓇᖅᑐᖅ ᐊᕙᑎᐅᔪᑦ.


# ᓄᓇᒦᑦᑐᓂᒃ ᖃᐅᔾᔭᕐᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᔪᑦ

2015-2017-ᒥ, ᖁᓕᐅᔪᓂᒃ (10) ᐱᓕᕆᐊᓂᒃ ᐱᓕᕆᓂᕐᑲᓕᓚᐅᕐᒪᑕ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᑕᕆᐅᑦ ᓯᒡᔫᑎᓂ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᑲᖅᑐᑎᒃ ᐊᒻᒪᓗ ᖃᐅᔾᔨᐊᕐᑲᑦᑕᖅᑐᑎᑦ ᐊᓯᑦᔾᖅᐸᑦᓕᐊᓯᒪᓂᐅᔪᑦ ᓄᓇᒦᑦᑐᑦ ᐊᕙᑎᑦᔭᖏᑦ ᐊᒃᑐᐃᓯᒪᓂᕐᑲᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐃᓅᕐᑲᑎᒌᒃᑐᑦ ᐊᓐᓇᐅᒪᔪᓐᓇᐅᑎᑦᑏᒃᑕᖏᓂᒃ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕈᑎᑦᑏᒃᑕᖏᓂᒃ. ᓯᕗᓪᓕᕐᒥᒃ ᖃᐅᔾᔭᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᖃᐅᔾᔭᖅᑎᒻᒪᕆᐅᔪᓂᑦ ᐃᒪᓐᓇ ᓇᓗᓇᐃᑦᑐᒥᒃ ᐊᓯᑦᔾᖅᓯᒪᓕᕐᓂᖏᑕ ᑕᕆᐅᓄᑦ ᖃᓄᐃᓕᖅᐸᑦᓕᐊᓂᐅᕙᒃᑐᓄᑦ, ᐆᒪᔪᖁᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᒥᓲᓂᖏᓐᓄᑦ ᐊᓯᑦᔾᖅᓯᒪᓕᖅᓯᒪᓂᐅᔪᓄᑦ, ᐃᓚᖃᖅᑐᑎᑦ ᐊᕙᑎᐅᑉ ᐊᓯᑦᔾᖅᑎᑕᐅᓯᒪᓕᕐᓂᖓᑕ.

## ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᕐᓂᐅᔪᑦ

ᓄᑖᓪᓚᕆᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᓱᒃᑲᔪᐊᓗᓐᓂᒃ ᐱᓕᕆᐊᖃᕈᑎᓂᒃ ᐆᒃᑐᕋᓚᐅᖅᐳᑦ H ᐊᑦᓴᓐ ᐸᐃ ᑕᕆᐅᖕᒐᓂ ᐊᒻᒪᓗ ᐃᖏᕐᕋᑦᑎᐊᕐᓂᖃᓚᐅᖅᑐᑎᒃ. ᓯᕗᓂᑦᓯᐊᑦᑎᓐᓂ, ᑕᐃᒪᓐᓇᐃᑦᑐᑦ ᐱᓕᕆᔾᔪᑏᑦ ᐃᑲᔪᕈᑎᐅᓕᕋᔾᕐᒪᑕ ᑐᓴᖅᑎᑦᑎᓯᒪᓕᕆᐊᒧᑦ ᑐᙵᕝᕚᕐᑯᑎᐅᓕᕐᓂᐊᖅᑐᓂᒃ ᑕᕆᐅᓕᕆᓂᕐᒥ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕈᑎᒃᓴᓄᑦ ᐋᖅᑭᒃᓱᐃᕙᓐᓂᕐᓂ.

ᐃᒪᕐᒥᐅᑕᓂᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᖅ ᐃᖏᕐᕋᑦᑎᐊᕐᓂᖃᓚᐅᕐᐳᖅ ᓇᒧᓇᐃᖅᑕᐅᔾᔪᑎᖃᖅᑐᑎᒃ ᖁᐊᖑᐃᓐᓇᖅᑐᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖃᕐᓂᖏᓂᒃ 80%-ᑎᖓᓂ ᓄᓇᕗᒃᒥ, ᐊᖏᔪᒻᒪᕆᓪᒥᒃ ᐊᖏᓪᓕᕆᐊᕐᓯᒪᓂᖃᖅᑐᓂ ᓄᓇᙳᐊᓕᐅᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖁᑎᐅᔪᓄᑦ ᒪᕋᐃᑦ ᓄᓇᒥ ᖃᓄᐃᓐᓂᖏᓐᓄᑦ.

ᐊ ᒥᓱᓂᑦ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᓂᑦ ᑐᑭᓯᐅᒪᓕᖅᑕᕗᑦ ᐆᒪᔪᕐᑯᑎᐅᔪᑦ ᑲᑎᓯᒪᓂᖏᓂ ᓇᔪᖓᖏᑕ, ᓯᓚᑎᖏᑦᑕᓗ ᖃᓄᐃᑦᑑᓂᖏᓐᓄᑦ. ᑐᒃᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᓴᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᖁᕝᕙᓯᒃᑯᓯᒋᐊᕈᑎᐅᓯᒪᓕᕐᒪᑕ ᑕᕆᐅᑉ ᓯᑯᖓᒍᑦ ᐅᐊᔭᖅᐸᓐᓂᐅᔪᑦ ᐅᓗᕆᐊᓇᖅᓯᓯᒪᓂᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᐊᓂᒃᑐᓂ ᓄᖑᑐᐃᓐᓇᕆᐊᖃᕐᓂᖏᓐᓄᑦ ᐅᐊᔭᕝᕕᐅᕙᑦᑎᐊᖏᑦ ᕿᖓᐅᑦ ᐊᒥᕐᕋᕐᑯᑎᖏᓐᓄᑦ ᑕᐃᒪᓐᓇᐃᑦᑑᓂᖏᑦ ᑖᕙᑐᐊᖑᓕᖅᐸᑦᓕᐊᔪᓐᓇᖅᓂᖏᓂ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᑐᑭᓯᓂᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᕗᑦ ᐱᑕᕆᐊᖅᓯᒪᑐᐃᓐᓇᖅᑕᐅᕙᓐᓂᖏᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᐃᓕᙱᒍᑎᐅᓯᒪᓕᕐᒪᑕ ᐊᒥᓲᓂᖏᑦᑕ ᒥᑭᓪᓕᕙᓪᓕᐊᓂᖏᓐᓄᑦ ᕿᕝᕕᐅᕐ-ᔪᐊᕽ ᐊᒥᕐᕋᕐᑯᑎᖏᓐᓂ.

ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᑦ ᓇᑦᑎᓕᖕ ᑕᓯᖓᓂ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐅᒪᓂᖃᕐᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᐅᔪᑦ ᐃᖃᓗᒃᐲᑦ ᒫᓂᓕᐅᕈᓇᕐᓂᖏᑦ (ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᖓᕐᓂᖏᑦ) ᐊᖏᔪᒥᒃ ᑭᓯᒥᑐᐊᖑᓕᖅᓯᒪᓂᖃᕐᓚᑦ. ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᖃᐅᔨᕆᐊᕐᓂᖃᖅᑐᑎᒃ ᐃᒥᖅᑕᖃᑦᑎᐊᕐᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐱᐅᑦᑎᐊᕋᓗᐊᕆᐊᖏᑦ ᐃᒌᑦ ᓇᓗᓇᐃᖅᓯᒪᓕᓚᐅᕐᒪᑕ ᐊᕐᑭᕐᕿᔭᖃᓕᖅᓯᒪᓂᖏᑦ ᓄᓇᒥᐅᑕᐅᓪᓗᑎᒃ ᐃᖃᓗᒃᐱᕐᑯᑎᐅᔪᑦ ᓇᓗᓇᐃᒻᒪᕆᒃᑐᒥᒃ ᖁᑦᑎᖕᓂᖅᓴᐅᓂᖏᑦ ᑕᓯᕐᓂ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖃᕋᒥᒃ ᖁᐊᖑᐃᓐᓇᖅᑐᖃᕝᕕᐅᔪᑦ ᓱᕈᖅᑕᐅᕙᓪᓕᐊᓯᒪᓂᖏᓐᓂᑦ ᐃᓱᒪᒋᓗᒋᑦ ᐊᓯᖏᑦ ᑕᓲᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖃᙱᑦᑐᓪᓚ.

ᐱᓕᕆᐊᖑᓚᐅᖅᑐᑦ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᓯᒪᒋᐊᒃᓴᖏᓄᑦ ᖃᐅᔨᓴᐃᓂᖃᖅᑐᑎᒃ ᓇᑐᓇᐃᖅᓯᓯᒪᓚᐅᕐᒪᑕ ᐅᒥᖕᒪᐃᑦ ᒪᑭᒋᐊᒃᑲᓂᕈᓐᓇᕐᓂᖏᑦ ᑲᔫᓐᓇᖅᑐᓂ ᐊᕙᑎᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐊᑦᑎᒃᑑᑐᐃᓐᓇᓇᐊᖃᕐᓚᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓄᑖᓂᒃ ᖁᐱᕐᕈᐊᑖᖅᑕᖃᓕᖅᓯᒪᓂᖓ ᐋᓐᓂᐊᖃᕈᑎᐅᔪᓐᓇᖅᑐᓂᒃ. ᑕᒃᑯᓄᖓ ᐊᔾᔨᐅᕐᓚᖅᑐᓂᒃ, ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᑎᑕᐅᓂᖏᑦ ᒥᑭᓪᓕᕆᐊᖅᓯᒪᓕᖅᑯᔨᒻᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐅᐊᓕᓂᖓᓂ, ᓴᖅᑮᓯᒪᓕᕈᑎᐅᓪᓗᑎᒃ ᐃᓱᓖᓗᒍᑎᖃᓕᕐᓂᕐᓂᒃ ᓂᕐᑭᓴᓂᒃ ᐱᓯᒪᓕᕋᓱᐊᖅᐸᓐᓂᖏᑦ ᓄᓇᓕᖃᖅᑐᓂᑦ.

ᑐᑭᓯᓂᐊᕐᕕᒃᓴᖁᑏᑦ ᓇᓗᓇᐃᖅᓯᓯᒻᒪᑕ ᐃᒪᓐᓇ 2016-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᐅᔭᐅᓂᖓᓂ ᐊᐳᓯᒪᙱᓐᓂᖃᓚᐅᕐᓂᖓᑕ ᐊᑯᓂᐅᓂᖅᐹᒥᒃ ᖃᐅᔨᒪᔭᐅᓪᓗᓂ ᑕᐃᒪᓐᓇᐃᔭᐅᖅᓯᒪᓂᖓᓄᑦ 1991-ᒥ ᐃᓅᕝᕕᐅᑉ ᐊᕝᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᓄᓇᑦᓯᐊᕐᒥ ᐊᒻᒪᓗ ᑖᓐᓇ ᓄᑖᖑᓪᓗᓂ ᑕᐃᒪᓐᓇᐃᖃᑦᑕᕐᓂᖓ ᓯᕗᓂᑦᑎᐊᑦᑎᓐᓂ ᐊᑯᓇᐃᓐᓂᖅᓴᐅᑎᓪᓗᒍ ᑕᐃᒪᓐᓇᐃᓐᓂᖃᕈᓖᕐᒥᒃᓚᑦ. ᐃᐱᐅᑕᓕᐅᑉ ᑲᖏᖅᓘᐊᓂ, ᐊᐅᓱᐃᑦᑐᑉ ᕿᑭᖅᑖᓗᐊᓂ, ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓪᓚᑦ ᐱᔾᔪᑎᐅᓪᓗᓂ ᓵᓪᓕᕙᓪᓕᐊᖏᓐᓇᐅᔭᕐᓂᖓᑕ ᓯᑯᑉ ᓴᐳᑎᐅᕙᒃᑲᓗᐊᕐᓂᖓᑕ, ᑕᕝᕙᑑᓕᖅᑐᓂᓗ ᐆᒪᓂᖅᑐᓂ ᖁᐊᖑᓇᕐᓂᖓᖅᑐᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᖑᑐᐃᓐᓇᓂᐊᖅᑲᖅᓯᒪᓂᖓᓂᒃ.

ᖃᐅᔨᓴᕐᓂᐅᖅᑲᑦᑕᖅᓯᒪᓃᑦ ᐊᒻᒪᓗ ᒫᓇᐅᔪᒥ ᓄᓇᒥ ᐃᒪᖅᑲᕐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑐᑦ ᐊᕙᑎᕆᔭᖏᑕ ᖃᓄᐃᓕᕐᓂᖏᑦ ᓚᐃᒃ H ᐊᐃᐃᔨᓐᒥ ᓇᓗᓇᐃᖅᓯᒪᓪᓚᑦ ᐊᖏᓪᓕᕙᓪᓕᐊᒻᒪᑕ ᓂᕿᕆᔭᐅᕙᒃᑐᑦ, ᑐᕐᑯᓇᖅᑐᕐᑯᑏᑦ ᑭᓂᖅᑕᐃ, ᐃᓚᖅᑲᖅᑐᕆᑦ ᐆᓇᖅᓯᕙᓪᓕᐊᓕᕆᓚᐅᕐᓂᖓᓂᒃ, ᐃᓚᕆᔭᐅᖃᑕᐅᒻᒪᑕ ᐊᔾᔨᖃᙱᑦᑐᒥᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓯᒪᓕᕐᓂᖓᑕ ᐃᓱᒪᒋᓗᒋᑦ 300-ᓄᑦ ᐅᑭᐅᓄᑦ ᖃᓄᐃᓐᓂᐅᓚᐅᖅᓯᒪᓂᖏᑦ ᑕᐅᕙᓂ.

## ᖁᐊᖑᓇᖅᑐᒥ ᖃᐅᔨᓴᐃᔾᔪᑎᖃᕐᓂᖅ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᐃᒡᓗᓕᕆᓃᑦ ᐊᒻᒪᓗ ᐱᐅᓯᕆᐊᖅᑎᑦᑎᕆᐊᕈᑎᔅᓴᑦ ᓄᓇᓕᐅᔪᒥ ᐃᓅᓯᕆᔭᐅᔪᓄᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒥᓯᐊᓪ ᐊᓛᕐᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᐃᑲᔪᖅᑐᐃᓂᕐᒥᓂ ᓄᓇᓕᐅᔪᒥ ᐱᕙᓪᓕᐊᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᖅᑎᑕᐅᖁᓪᓗᒋᑦ, ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᓂᒃᑯᑦ ᐃᒪᓐᓇᐃᓕᐅᕐᓂᐊᖅᑐᑦ: (1) ᓄᓇᙳᐊᑎᒎᑦ ᓇᓗᓇᐃᖅᓯᒪᓕᕐᓗᒋᑦ ᖁᐊᖑᐃᓇᕐᓂᖅᑲᕙᐅᔪᑦ ᓄᓇᒥ ᐊᒻᒪᓗ ᐅᖅᑰᓂᖏᑦ/ ᓂᓪᓚᔅᓯᓂᖏᑦ ᐃᑲᔫᑎᔅᓴᐅᓂᐊᕐᓗᑎᒃ ᐃᒡᓗᕐᔪᐊᓂᒃ ᐋᖅᑭᐅᒪᑎᑦᑎᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᓴᓇᓂᐅᕙᒃᑐᓄᑦ (ᖃᖓᑕᓲᒃᑯᕕᓈᓂᒃ, ᐊᖅᑯᑎᓂᒃ ᐊᒻᒪᓗ ᑕᖓᐅᒥ ᑐᓵᒃᑕᕐᕕᓈᓂᒃ) ᐃᓄᐃᑦ ᓄᓇᓕᒋᔭᖏᓐᓂ; (2) ᑐᓴᐅᒪᓕᖅᑎᒋᐊᕐᓗᒋᑦ ᓂᕈᐊᖅᑖᓯᒪᓕᕐᓂᐅᕙᒃᑐᓄᑦ ᐃᒡᓗᕐᔪᐊᓄᑦ ᑐᙵᕕᒃᓴᐅᕙᒃᑐᓄᑦ, ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒧᑦ, ᓄᓇᓕᐅᔪᒥ ᐃᒡᓗᕐᔪᐊᒃᓴᓕᐅᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᐃᑦ ᐊᐅᓚᑕᐅᓂᖏᓐᓄᑦ; (3) ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕐᓗᑎᒃ ᖃᓇᑕᐅᔭᓂᒃ ᐊᑐᕐᓗᑎᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᔾᔪᑎᒃᓴᓂᒃ ᖁᐊᖑᐃᓇᖅᑐᓕᕆᓂᕐᒧᑦ ᐃᓄᓐᓄᑦ ᐊᒻᒪᓗ ᑭᒃᑯᑐᐃᓇᓄᑦ; ᐊᒻᒪᓗ (4) ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕐᓗᑎᒃ ᓄᑖᓂ ᓴᓇᔭᐅᔪᓇᖅᑐᓄᑦ ᖃᓄᐃᑦᑑᔪᓇᕐᓂᕐᓂᒃ ᐊᒻᒪᓗ ᓱᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᓂᒃ ᐊᖅᑯᑎᓕᐅᕐᓂᕐᓂ, ᖃᖓᑕᓲᒃᑯᕕᓕᐅᕐᓂᕐᓂ ᐊᒻᒪᓗ ᑕᖓᐅᑉ ᓯᒡᔭᖓᓂ ᐃᒡᓗᕐᔪᐊᖑᓕᐊᓂᒃᑐᓄᑦ. ᒫᓇᒧᑦ ᑎᑭᑦᑐᒍ ᑖᒃᑯᓂᖓ ᐱᓕᕆᐊᖑᔪᒃᑯᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᓂᒃ ᑕᖓᐅᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᐅᖓᑖᓄᑦ 80%-ᑎᓂᒃ ᓄᓇᕕᖕᒥ ᖁᐊᖑᐃᓇᖅᑐᖃᕐᓂᐅᔪᓂ ᐱᓕᕆᐊᖑᔪᓄᑦ.

## ᐊᑦᑐᐃᓂᖏᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᑕ ᐆᒪᔪᖁᑎᖏᓐᓂᒃ: ᐆᒪᓂᖅᑲᖅᑐᓄᑦ ᑐᙵᓕᕝᕙᖅᑲᖅᑎᑕᐅᓪᓗᑎᒃ ᓇᐅᑦᓯᖅᑐᐃᓃᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕈᑎᐅᔪᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᑦ: ᑖᒥᓂᒃ ᐴᕐᑐ (ᓯᓚᑦᑐᖅᓴᕐᑯᔾᔪᐊᖓᓂ ᑯᐸᐃᒃ ᓇᒎᔅᑭ)
ᐊᒻᒪᓗ ᔮᐅᓪᔅ ᑰᑎᐋ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᐅᑭᐅᖅᑕᖅᑐᒥ ᐆᒪᓂᖅᑲᕆᓇᖅᑐᑦ (ᐆᒪᓂᖅᑲᖅᑐᖁᑏᑦ) ᐊᖏᔪᐊᓗᒻᒥᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖃᕐᒪᑕ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖓᑕ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᔪᑦ ᓇᐅᑦᓯᖅᑐᕈᑎᐅᕗᑦ 35-ᖑᔪᓂᒃ ᐆᒪᔪᖁᑎᐅᔪᑦ ᐊᒥᓲᓂᖅᑲᕝᕕᖏᓐᓂᒃ 12-ᖑᔪᓂ ᖃᐅᔨᓴᐃᓂᖅᑲᕝᕕᐅᔪᓂ ᕿᑭᖅᑖᓗᑉ ᒥᒃᓵᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓃᑦᑐᓂ. ᐆᒪᓂᖅᑲᖅᑐᓄᑦ ᖁᑦᑎᖕᓂᓇᔭᐅᔪᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖅᑲᖅᑐᑦ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑐᒥ ᓄᓇᐃᓐᓇᐅᑉ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᕙᓪᓕᐊᒻᒪᑕ ᐊᒻᒪᓗ ᓄᓇᙳᐊᓕᐅᖅᑕᐅᕙᓪᓕᐊᓪᓗᑎᒃ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᑦ ᖁᑦᑎᖕᓂᖏᑎᒍᑦ ᐱᓕᕆᐊᖅᑲᕈᑎᓂᒃ ᐊᑐᖅᑐᑎᒃ. ᑯᐃᐸᒃ ᑕᖅᓴᖓᑕ ᐊᕝᑐᖅᓯᒪᓂᖓᓂ ᓯᕗᓪᓕᖅᐹᖅᓯᐅᑎᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᖅᕕᐅᒪᑕ ᖃᐅᔨᕆᐊᖅᓂᖅᑐᑎᒃ ᓄᓇᙳᐊᓕᐅᖅᓯᒪᓕᓇᐊᒥᒃ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖓᑕ ᓄᓇᐃᓐᓇᐅᑉ, ᐸᕐᓇᒍᑎᖅᓯᒪᓪᓗᑎᒃ ᐊᖏᓪᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕋᔅᓴᕐᓂᖓᓄᑦ ᓄᓇᓖᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐱᓕᕆᓂᐅᔪᑦ. ᐃᓚᐅᖅᑲᓚᐅᓯᒪᓕᕐᓂᖏᑦ ᖃᐅᔨᓴᖅᓯᓂᐅᕙᒃᑐᓄᑦ ᓄᓇᒥᒃ ᖃᐅᔨᒪᓂᓇᔭᐅᔪᑦ ᓇᓚᐅᑦᑖᕈᑎᐅᓚᓲᒃᐸᒃᑐᑎᒃ ᐱᓕᕆᔾᔪᑎᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᒪᑕ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ ᐊᖏᓪᓕᕙᓪᓕᐊᔾᔪᑎᐅᒻᒪᑕ ᐊᑦᑕᓇᖅᑐᒦᓕᕆᐊᓇᕐᓂᖏᑦ ᓄᖑᑐᐃᓐᓇᓇᐊᖅᑲᓕᖅᓯᒪᓪᓗᑎᒃ ᕿᖓᐅᑦ ᑐᒃᑐᖏᑦ ᑕᓇᐅᑉ ᓯᑯᖓᒍᑦ ᐅᐊᔭᖅᐸᓐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᕿᑭᖅᑕᓯᑎᒍᑦ, ᑕᐃᒪᓗ ᑕᕝᕙᑐᐊᖑᓕᖅᓯᒪᓂᖅᑲᕈᑎᐅᓪᓗᑎᒃ ᑐᒃᑐᖅᑯᑎᐅᔪᓂ.

## ᐊᒥᓲᓂᖏᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᑦ ᐊᒻᒪᓗ ᓂᕿᒃᓴᖅᓱᐅᖅᑎᐅᕙᒃᑐᑦ-ᓂᕿᒋᔭᐅᕙᒃᑐᑦ ᖃᓄᐃᓐᓂᓇᔭᖏᑦ ᑐᒃᑐᐃᑦ ᐊᒥᖅᖁᖅᑯᑎᖏᓐᓂ ᑯᐃᐸᒃ-ᓛᐸᑐᐊᓇᐅᑉ ᓄᕗᐊᓗᖓᓂ ᑐᕌᖓᑎᓪᓗᒋᑦ ᓯᓚᐅᑉ ᐊᒻᒪᓗ ᐊᕙᑎᐅᑉ ᑐᖁᓇᖅᑐᖅᑲᓕᖅᐸᓪᓕᐊᕙᓐᓂᖓᑕ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖓ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓯᑏᕝ ᑰᑲᐃ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᓱᓇᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᖃᑦᓰᓐᓇᕈᖅᐸᓪᓕᐊᓂᖏᑕ ᐅᐊᔭᖅᐸᒃᑐᑦ ᑐᒃᑐᐃᑦ ᑲᓇᑕᒥ ᐃᓗᐃᒃᑲᐅᔪᑎᒍᑦ ᑐᑭᓯᐅᒪᔭᐅᓕᖅᓯᒪᙱᓚᑦ. ᑖᒃᑯᓂᖓ ᐱᓕᕆᐊᖑᔪᑦ ᐃᓚᖃᖅᑎᑕᐅᓯᒪᕗᑦ ᓇᐅᑦᓯᖅᑐᐃᔾᔪᑎᖃᕐᓂᕐᓄᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓪᓗᑎᒃ ᑐᒃᑐᓂᒃ ᐊᒻᒪᓗ ᓂᕿᒃᓴᖅᑖᕋᓲᒃᐸᒃᑐᑦ ᐆᒪᔪᖁᑎᐅᔪᓂᒃ, ᖃᓄᐃᑦᑐᓂᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓕᖓᓂᐅᔪᓄᑦ ᐱᓕᕆᔾᔪᑎᖃᖅᑐᑎᒃ ᖃᐅᔨᒋᐊᖅᓯᒪᓕᖅᑐᑎᒃ ᖃᓄᖅ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ, ᓇᔪᖅᐸᒃᑕᖏᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖏᑦ, ᐱᕙᓪᓕᐊᑎᑦᑎᕙᓐᓂᐅᔪᑦ ᓴᓇᕙᓐᓃᑦ, ᐊᒻᒪᓗ ᐊᖑᓇᓯᐊᖅᑕᐅᕙᓐᓂᖏᑦ ᐊᒻᒪᓗ ᓂᕿᒋᓂᐊᕐᑐᑦ ᐊᖑᓇᓯᐊᕐᓂᐅᕙᒃᑐᑦ ᐊᑕᕝᕕᒃᓴᒻᒪᖔᑕ ᐱᑕᖏᒃᓴᖅᐸᒃᑐᑦ ᑐᒃᑐᓂᒃ ᐆᒪᔪᐃᑦ ᖁᑦᑎᖕᓂᖏᑦ, ᑐᒃᑐᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᑦ ᐊᒻᒪᓗ ᐊᕙᑎᐅᑉ ᐊᓯᔾᔨᕆᐊᖅᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᐊᒃᑐᐃᓯᒪᓕᕐᓂᐊᖅᑐᑎᒃ ᐊᒥᓲᓂᖏᓐᓂ ᐊᓪᓚᑕᖃᖓᐃᓐᓇᖅᐸᒃᑐᑎᒃ ᐊᒻᒪᓗ ᓯᐊᒻᒪᖅᑎᖅᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᒪᕈᐃᖑᓪᓗᒋᑦ ᐊᒥᖅᑯᑎᐅᕗᑦ ᑐᒃᑐᑦ. ᓯᕗᓪᓕᖅ ᖃᐅᔨᓴᐃᓂᐅᓯᒪᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᕗᑦ ᐊᖑᓇᓯᐊᖅᑲᑦᑕᕐᓂᐅᔪᑦ ᐊᒥᓲᓂᖏᑦ ᐊᕐᓇᓗᐃᑦ ᒥᑭᓪᓕᒋᐊᕈᑎᐅᓯᒪᓕᓚᐅᖅᒪᑕ 13%-ᑎᒥᒃ 2015 ᐊᒻᒪᓗ 2016 ᐅᑭᐅᖏᑦ ᐊᑯᓐᓂᖏᓐᓂ, ᓇᓗᓇᐃᖅᓯᓯᒪᓪᓗᑎᒃ ᐊᖑᓇᓯᐊᖅᑕᐅᕙᓐᓂᖏᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᐊᒃᑐᐃᓯᒪᓂᖅᑲᖅᒪᑕ ᐊᒥᓲᓂᖏᓐᓄᑦ ᓇᕕᐅᖅ-ᔪᐊᔾ ᐊᒥᖅᖁᖅᑯᑎᖏᓐᓂᒃ.

## ᐱᖓᓱᐃᖑᓪᓗᑎᒃ ᐊᔾᔨᑮᙵᒥᐅᓂᖅᑲᖅᑐᑦ ᐃᖅᑲᓗᒃᐲᑦ ᐅᒪᓂᖅᑲᖅᐸᓐᓂᖏᑦ ᓇᑦᑎᓕᖕ ᑕᓯᖓᓂ: ᐋᖅᑭᒃᓯᐃᓂᖅ ᐱᕈᒃᑲᓐᓂᕈᓇᖅᑎᑕᐅᔪᓂᒃ ᑮᓇᐅᔭᒃᓴᔾᔪᑎᒋᓂᐊᕐᓗᒋᑦ ᐊᒻᒪᓗ ᓂᕿᒋᓂᐊᕐᓗᒋᑦ ᐃᖅᑲᓪᓚᕿᓂᐅᕙᒃᑐᑦ ᓄᓇᕗᒻᒥ ᒪᕈᐃᖑᔪᓐᓇ ᐊᖏᔫᑎᐅᓪᓗᑎᒃ ᑕᓯᖏᓐᓇ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐃᐊᕋᓐ ᕘᔅᒃ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᕕᓐᓯᖅ)

ᐊᒥᓲᓂᓗᒃᑖᓇᔭᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᓪᓗᑎᒃ ᑕᓇᐅᖅᒥᐅᑕᐃᑦ ᐃᖅᑲᓗᒃᐲᑦ ᓇᑦᑎᒃ ᑕᓯᖓᓂᑦ ᐊᒥᓲᓂᖅᐸᐅᓇᓯᒋᔭᐅᕗᑦ ᓄᓇᕗᓕᒫᒥ ᐊᒥᓲᓂᓇᔭᐅᔪᓂᑦ ᑭᓯᐊᓂ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᓇᑎᒃ ᖃᔅᓯᓪᓗᐊᖑᖕᒪᖔᑕ ᓇᑦᑎᓕᐅᑉ ᑕᓯᖓᓂᒃ ᐅᒪᔪᑦ. ᐊᒥᓯᒃᑲᓪᓚᐅᓪᓗᑎᒃ ᐅᐊᔭᖅᐸᒃᑐᑦ ᐃᖅᑲᓗᒃᐲᑦ ᓯᕿᓂᖅᐸᓯᐊᓄᑦ ᓇᑦᑎᓕᖕᒥᑦ ᐊᒫᑦᔪᐊᖅ ᑕᓯᐊᓄᑦ ᐊᒫᑦᔪᐊᖅ ᑰᖓᒍᑦ ᐃᓯᒪᒋᔭᐅᕗᑦ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑐᕐᓂᖅᑲᕆᓐᓇᖅᑐᓂᒃ ᐅᑭᐅᒥ ᐃᖅᑲᓪᓚᖅᓯᐅᖅᑐᓂᒃᓴᖅᓴᖅᑎᑦ ᖃᓂᖕᓂᖅᓴᐅᔪᒧᑦ ᐃᖅᑲᓗᐃᑦ ᓄᓇᓕᖕᓄᑦ. ᑐᓴᐅᒪᓕᖅᑎᑕᐅᖁᓪᓗᒋᑦ ᐱᕈᒃᑲᓂᕈᓇᖅᑐᖁᑎᓂᒃ ᐊᐅᓚᑦᓯᓂᖅᑲᕈᓐᓇᖅᑐᓂᒃ ᐅᑭᐅᒥ ᐃᖅᑲᓪᓚᕿᓂᖅᑲᖅᓴᖅᑐᓂᒃ, ᐱᓕᕆᐊᖅᑲᖅᑎᐅᔪᑦ ᓂᕿᒋᔭᐅᓇᓱᓕᕐᒪᑕ ᖃᐅᔨᒋᐊᖅᓂᖅᑲᕋᕐᓂᖏᑦ, ᓇᓗᓇᐃᒃᑯᑕᓕᐅᖅᑐᐃᓇᐅᔪᑦ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᓪᓗᑎᒃ ᐃᖅᑲᓗᒃᐱᖅᑯᑎᐅᔪᑦ ᐊᐅᔭᐅᓂᖓᓂ ᑰᒥ, ᐊᒻᒪᓗ ᐊᒥᓱᐃᖑᓪᓗᑎᒃ ᒥᑭᑦᑑᑎᐅᑐᑦ ᑕᓯᖏᑦ ᓯᑯᓯᒪᓕᓂᑦ ᐊᒫᑦᔪᐊᖅ ᑕᓯᐊᑕ ᖃᓂᒋᔭᖏᑦ ᐅᑭᐅᖑᑎᓪᓗᒍ. ᓯᕗᓪᓕᖅ ᖃᐅᔨᓴᐃᔾᔪᑎᓂᒃ ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᓴᖅᑭᔮᕐᒪᑕ ᑐᑭᑎᖅᑐᒪᓇᐅᔪᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᒃ ᐃᖅᑲᓗᒃᐲᑦ ᓇᑦᑎᓕᒃ ᑕᓯᖓᓂ ᐃᖅᑲᓗᒃᐱᖅᑯᑎᓄᑦ, ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᒪᑕ ᐊᖏᔪᒥᒃ ᐱᕈᖅᐸᓪᓕᐊᓂᖅᑲᖅᑎᑕᐅᓇᓱᒋᓐᓂᖏᓐᓂᒃ.

## ᓇᐅᑦᓯᖅᑐᐃᓂᖅ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖅᑲᕐᓂᖅ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᑎᑕᐅᕙᓐᓂᖏᑦᑕ ᓂᕿᒃᓴᖃᑎᐊᓇᐊᕐᑲᕐᓂᕐᒍᑦ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᓂᒃ ᐊᒻᒪᓗ ᐃᓅᓯᓕᓇᓂᖅ-ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᕙᒃᑐᓂᒃ ᒪᑭᒋᐊᒃᑲᓐᓂᕆᓐᓇᕐᓂᓕᓇᓂᕐᒥ: ᑲᑎᑕᐅᓯᒪᓕᕐᓂᖏᑦ ᐱᐅᓯᑐᖅᑲᒥ, ᓄᓇᓕᐅᔪᓂ, ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᓇᐅᔪᑦ ᖃᐅᔨᒪᓂᓇᔾᔭᖏᑕ

ᐱᓕᕆᐊᒨᑦ ᓯᕗᓕᖅᑎ: ᓱᓴᓐ ᑯᑦᔅ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒋᐊᒍᓇ)

ᐅᒥᖕᒪᐃᑦ ᑐᕐᑯᕋᖅᐸᓪᓕᐊᓯᒪᓕᕐᓂᖏᑦ ᐃᖅᑲᓗᒃᑑᑦᑎᐊᑉ ᕿᑭᖅᑖᓗᐊᓂ ᐊᒻᒪᓗ ᐃᑲᕼᐅᒃ ᕿᑭᖅᑖᓗᐊᓂ ᐃᓲᒪᓗᒍᑎᖅᑲᕐᕕᐅᓕᓚᐅᕐᒪᑕ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᕐᓂᖅᑲᓕᓇᐊᒃᓴᖏᑦ ᐊᒻᒪᓗ ᓂᕿᒃᓴᖅᑖᖑᕙᓐᓂᖏᑕ ᐃᓄᓐᓄᑦ ᓄᓇᓕᖅᑲᖅᑐᓄᑦ. ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᒪᑯᓄᖓ ᑐᕌᕐᕕᒃᓴᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ: (1) ᖃᐅᔨᕆᐊᖅᓯᒪᓕᕐᓗᒋᑦ ᒫᓇᐅᓕᖅᑐᒥ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᑎᑕᐅᓂᖏᓄᑦ ᖃᓄᐃᓕᕐᒫᖓᑕ ᐃᓄᕕᐊᓗᐃᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᖓᓂ ᐊᒻᒪᓗ ᕿᑎᕐᒥᐅᓂ, (2) ᖃᐅᔨᕆᐊᖅᓯᒪᓗᒋᑦ ᖃᓄᖅ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᖅᓯᒪᓂᖏᑦ, ᑐᕐᑯᓐᓇᖅᑐᖅᑲᕐᓂᐅᔪᑦ, ᓯᓚᐅᑉ, ᐸᕙᕕᓵᖅᑕᐅᕙᓐᓂᖏᓄᑦ, ᐊᒻᒪᓗ ᐊᒃᓯᕈᕐᑎᑕᐅᓯᒪᓕᕐᓂᖏᑦ ᐱᔾᔪᑎᐅᓯᒪᓛᒪᖓᑕ, (3) ᑐᑭᓯᓂᐊᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᐆᒪᔪᑦ ᓇᔪᖅᐸᒃᑕᖏᑦ ᓯᓚᑎᖏᑕᓗ ᖃᓄᐃᑦᑑᓂᖏᑦ ᐱᔾᔪᑎᐅᓪᓗᑎᒃ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᖅᓯᒪᓂᖏᓂᒃ, (4) ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕐᓗᑎᒃ ᓇᓗᓇᐃᒃᑯᑕᐅᓕᕐᓂᐊᖅᑐᓂᒃ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᑎᑕᐅᓂᖏᓄᑦ ᓇᐅᑦᓯᖅᑐᕆᑎᐅᓗᑎᒃ ᐱᓕᕆᐊᖑᓕᕐᓂᐊᖅᑐᓂᒃ, ᐊᒻᒪᓗ (5) ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕐᓗᑎᒃ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᑎᑦᑎᓂᕐᒥ ᕿᒥᕐᕈᔾᔪᑎᐅᓕᕋᔭᖅᑐᓂᒃ ᑐᓴᖅᑎᑦᑎᑦᑎᕙᓂᐊᕐᓗᑎᒃ ᐊᐅᓚᑦᓯᔨᐅᔪᓄᑦ. ᐱᓕᕆᐊᖑᓚᐅᖅᑐᑦ 2016-17 ᐅᑭᐅᖏᓂ ᓇᓗᓇᐃᖅᓯᓯᒪᔪᑦ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᑎᑕᐅᓂᖏᑦ ᒥᑭᓪᓕᕙᓪᓕᐊᓂᖅᑲᕐᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᖅ ᐅᐊᖕᓇᖓᓂ ᐊᒻᒪᓗ ᐅᒥᖕᒪᐃᑦ ᒪᑭᒋᐊᒃᑲᓐᓂᕆᓐᓇᕐᓂᖏᑦ ᐊᑦᓯᒃᑑᔪᓐᓇᕐᒪᑕ ᐊᕙᑎᐅᔪᒥ ᐱᔭᓇᑐᔫᓂᖏᑕ ᐱᔾᔪᑎᒋᑦᑐᒋᑦ ᓄᑖᖑᑦᑐᑎᒃ ᖁᐱᕆᐊᓖᑦ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᕈᑎᐅᕙᒃᑐᑦ.

## ᐃᒥᓇᓂᐊᖅᑕᒥᒃ ᐱᓯᒪᓕᕆᓐᓇᑦᑎᐊᖅᐸᓐᓂᖅ ᐊᒻᒪᓗ ᐱᐅᑦᑎᐊᖅᑐᒥᒃ ᐃᒥᖅᑕᖅᑲᕐᓂᖓ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ

ᐱᓕᕆᐊᒨᑦ ᓯᕗᓕᖅᑏᒃ: ᓯᑳᑦ ᓚᒨᕿ ᐊᒻᒪᓗ ᒪᓕᓴ ᓚᕗᕐᓂᐅᕐ (ᑐᐃᓐ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ)

ᑖᕗᓂ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒥ ᐊᑐᖅᑲᑦᑕᖅᐳᑦ ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓪᓗᑎᒃ ᐃᒪᐃᑦ ᑰᒃᐸᓪᓕᐊᕙᓐᓂᖏᑦ ᓇᕿ ᐱᓕᕆᐊᖅᑲᕈᓯᖅᑲᕐᓂᕐᓂ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕈᒪᓪᓗᒋᑦ ᖃᓄᖅ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᑦ ᓯᓚᒥ ᐊᒻᒪᓗ ᖁᐊᖑᐃᓐᓇᖅᑐᒥ ᐃᒥᓇᓂᐊᖅᑕᒧᑦ ᐃᒥᐅᑉ ᐱᐅᑦᑎᐊᖅᑑᕙᓐᓂᖏᓂᒃ ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᕙᓐᓂᖏᓂᒃ, ᐊᒻᒪᓗ ᑐᑭᓯᐅᒪᓕᓇᕐᓂᐊᕐᓗᑎᒃ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᓄᓇᒥ ᐆᒪᓂᖅᑲᖅᑐᖅᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᕆᔭᐅᔪᓂᒃ. ᐱᕙᓪᓕᐊᑎᑕᐅᓕᒃᑲᓐᓂᕆᓐᓇᖅᑐᑎᒃ ᓄᓇᓕᐅᔪᒥ ᖃᐅᔨᓴᐃᓂᖅᑲᕆᓐᓇᕐᓂᖏᑦ ᐱᕆᖅᑎᑕᐅᓯᒪᓕᓇᐊᖅᐸᒃᑐᑦ ᑲᑐᔾᔨᓂᖅᑲᖅᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᒃᑯᑦ ᓂᐊᖁᙳᖅ ᑯᖓᓂ, ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᐃᒥᓇᓂᐊᖅᑕᒥᒃ ᐃᒥᖃᕐᕕᐅᓕᕆᓐᓇᕐᓂᖅᑲᖅᑐᒥᒃ ᐃᖅᑲᓗᐃᑦ, ᓄᓇᕗᒻᒥ. ᐱᓕᒻᒃᓴᐃᓂᖅᑲᓕᕆᓐᓇᕐᓃᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒪᓂᓇᔭᓂᒃ ᐊᒥᖅᑲᖅᑲᑎᖅᑲᓕᕆᓐᓇᕐᓂᐅᔪᑦ ᐋᖅᑭᒃᓱᐊᖑᓯᒪᔪᑦ ᐱᓕᕆᐊᖑᓕᖅᑯᑦᑐᑦ ᐃᓱᒪᓗᒍᑎᖅᑲᕐᕕᐅᔪᓄᑦ ᐱᔾᔪᑎᒋᑦᑐᑦ ᑰᑉ ᑰᒃᐸᓪᓕᐊᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐃᒥᐅᑉ ᐱᐅᑦᑎᐊᖅᑑᓂᖓᓄᑦ ᓄᓇᓕᐅᔪᒥ ᐃᓱᒪᓕᐅᖅᑎᐅᔪᓐᓂᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖅᑲᖅᑐᓂᑦ. ᐱᓕᕆᐊᖑᔮᓚᐅᖅᑐᑦ ᓴᖅᑮᓯᒪᓕᕐᒪᑕ ᐊᕿᕐᕉᔭᖅᑕᖅᑲᓕᖅᓯᒪᓂᖏᑦ ᑕᓯᕐᓃᑦᐸᒃᑐᓄᑦ ᐃᖅᑲᓗᒃᐱᓐᓄᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᖁᑦᑎᖕᓂᖅᓴᐅᓪᓗᑎᒃ ᑕᓯᕐᓂ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖅᑲᖅᑐᓂᑦ ᖁᐊᖑᐃᓐᓇᖅᑐᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖏᓂᑦ ᐃᓱᒪᒋᓗᒋᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖅᑲᖏᑦᑐᑦ ᑕᓱᐅᔪᑦ ᐊᓯᖏᑦ.

## ᖃᓄᐃᑦᑑᓂᖏᑕ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᑐᓴᐅᒪᓕᖅᑎᑦᑎᕆᐊᕈᑎᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖅᑲᕈᑎᓂᒃ ᐊᑐᖅᑐᑎᒃ

ᐱᓕᕆᐊᒨᑦ ᓯᕗᓕᖅᑎ: ᐊᓚᐃᓐ ᒪᐃᓘᑦ (ᐃᖅᑲᓇᐃᔭᕐᕕᖓᑦ ᐃᓐᓯᑎᑑᑦ ᑎ ᓚ ᓅᓰᕐᔅ)

ᓯᓚᓕᓇᖏᒻᒪᓇᐅᔪᑦ ᐱᓕᕆᐊᒃᓴᖅᑲᓕᖅᓯᒪᔪᑦ ᖃᐅᔨᒪᓇᑦᑎᐊᙳᕆᑦᑐᑎᒃ ᖃᓄᐃᓕᖓᓕᖅᓯᒪᓂᐊᕐᓂᖏᑦ ᐆᓇᖅᓯᕙᓪᓕᐊᓂᖓᓄᑦ ᓯᓚᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐊᒻᒪᓗ ᓄᓇᓕᐅᔪᓂ ᖁᑦᑎᖕᓂᓇᔭᐅᓂᐊᖅᑐᓂᒃ ᐱᓕᕆᐊᖑᓂᐊᓂᒃᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᖃᓄᐃᓐᓂᖏᑦ ᐱᔭᐅᓯᒪᓕᓇᐊᖅᑲᕐᓂᐊᖅᑐᓂᑦ ᓱᓇᑦ ᖃᕐᓯᐅᓪᓗᑎᒃ ᐃᓚᕆᔭᐅᖅᑲᑕᐅᓪᓚᖓᑕ ᐊᔾᔨᐅᕐᓚᒃᑎᑕᐅᓗᑎᒃ ᑕᐃᒃᑯᓄᖓ ᕿᒥᕐᕈᓂᐅᓚᐅᖅᑐᓄᑦ. ᑖᒃᑯᓇᓂ ᐱᓕᕆᐊᖑᔪᓂ ᑐᕌᕐᕕᒃᓴᖅᑲᖅᑎᑕᐅᕗᑦ ᐱᑕᖅᑲᓕᖅᑎᑦᑎᕆᐊᒥᓐᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᖅᑎᒻᒪᓇᐅᔪᓄᑦ, ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖕᒋᔭᐅᔪᓄᑦ ᐆᓇᖅᓯᓯᒪᓂᖓᓄᑦ, ᑭᓂᐸᓂᖅᑲᕐᓂᖓᓄᑦ, ᐊᒻᒪᓗ ᐊᓄᓇᐅᑉ ᐊᓄᓇᑐᓂᖓᓄᑦ ᖃᓄᐃᓐᓇᔭᕐᓂᐅᔪᓂᒃ. ᐱᐅᓂᖅᐹᑎᒍᑦ ᖃᐅᔨᓴᐃᕐᕋᓂᒃᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖅᑲᕈᑎᐅᔪᑦ ᐱᔾᔪᑎᖅᑲᕐᒪᑕ ᐅᖓᑎᓗᐊᖓᓄᑦ ᓯᓚᐅᑉ ᖃᓄᐃᓕᖓᓕᖅᐸᓐᓂᖓᓂᒃ ᐊᒻᒪᓗ ᐃᓱᒪᒋᖅᑲᓱᐅᑎᓯᒪᓪᓗᑎᒃ ᕿᒥᕐᕈᔭᐅᕙᓪᓕᐊᓪᓗᑎᒃ ᖃᐅᔨᒪᓇᑦᑎᐊᖅᐸᙱᓐᓂᐅᔪᑦ. ᓄᑕᐅᓂᖅᐹᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᕐᓂ ᖃᓄᐃᑦᑑᓇᔾᔪᒪᐊᕐᓂᖏᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓪᓚᑕ ᓄᑖᖑᓪᓗᑎᒃ ᐊᖅᑯᓐᓇᕐᓂᐅᓇᔭᖅᑐᓄᑦ ᐊᒻᒪᓗ ᓱᒃᑲᓕᔪᒥᒃ ᓯᑯᐃᑦ ᖃᓄᐃᓕᖓᓕᖅᐸᓪᓕᐊᕙᓐᓂᖏᓄᑦ ᐱᓕᕆᐊᖑᓂᖏᑦ ᐃᖏᕐᕋᑦᑎᐊᕐᓂᖅᑲᓚᐅᕐᒪᑕ ᕼᐊᑦᓴᓐ ᐸᐃ ᑕᓇᐅᖓᓂ, ᐊᒻᒪᓗ ᐱᓕᓇᔾᔪᑎᐅᔪᑦ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᒃᑲᓐᓂᖅᐸᑕ ᐱᑕᖅᑲᓕᕈᑎᐅᓂᐊᕐᒪᑕ ᐱᓪᓕᓇᐅᑎᐅᓪᓗᑎᒃ ᑐᓴᕐᓵᐅᓕᕐᓂᐊᖅᑐᒍᑦ ᐃᒪᓕᓇᓂᕐᒥ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᓇᐊᖅᑲᕐᓂᕐᓄᑦ ᐱᔾᔪᑎᖅᑲᖅᑐᓂᒃ.

## ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᐱᓯᒪᕙᓐᓂᖓ: ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓐᓂᖓ, ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ, ᐊᒻᒪᓗ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓐᓂᐅᔪᑦ ᓄᓇᒥ ᖃᓄᐃᓕᖓᓐᓂᐅᔪᓂᒃ, ᐃᒪᐃᑦ ᐱᑕᖅᑲᖅᑑᓂᖏᓂᒃ ᐊᒻᒪᓗ ᓄᓇᓕᕆᔭᐅᔪᓂᒃ

ᐱᓕᕆᐊᒨᑦ ᓯᕗᓕᖅᑎ: ᕕᓕᑉ ᒫᕐᔅ (ᕕᐅᓪᕗᑦ ᓗᐊᓇᐆ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᑦ)

ᐊᒥᓲᓂᖅᓴᐅᔪᓂ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ, ᐊᐱᓯᒪᕙᓐᓂᐅᔪᖅ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓕᕐᓪᓗᑦ ᐊᒻᒪᓗ ᐊᐱᓯᒪᕙᓐᓂᖓ ᒥᑭᓐᓂᖅᓴᐅᓕᖅᐸᓪᓕᐊᑦᑐᓂ, ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑐᑎᒃ ᐊᐱᓯᒪᓂᖏᑕ ᐃᑎᓂᓇᕙᒃᑕᖏᑦ ᐊᒻᒪᓗ ᓯᑎᓂᓇᕙᒃᑕᖏᑦ ᐊᒃᑐᐃᓯᒪᓪᓚᑦᑖᖅᑐᑎᒃ ᐃᓄᖕᓂᒃ ᐊᒻᒪᓗ ᐆᒪᔪᖅᑯᑎᐅᔪᓂᒃ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᔪᑎᒍᑦ ᑐᑭᓯᓂᐅᒪᓂᓇᔭᐅᑉ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓂᐊᕐᒪᑕ, ᐊᒻᒪᓗ ᐱᓕᕆᐊᖅᑲᕈᑎᒃᓴᐅᑉ ᐱᐅᓯᕆᐊᖅᓯᒪᓕᕐᓗᑎᒃ, ᐊᓯᔾᔨᖅᓯᒪᓂᖏᓂᒃ ᐊᐱᓯᒪᓂᐅᕙᒃᑐᓄᑦ, ᐃᓚᖅᑲᖅᑎᓪᓗᒋᑦ ᐊᒥᓱᐃᓕᖕᖑᓪᓗᑎᒃ ᐊᑦᑕᑕᖅᓯᒪᓂᐅᕙᒃᑐᑦ ᐊᐳᑎᓂ, ᐱᕋᐸᒃᑐᓂ, ᖁᐊᖑᐃᓐᓇᖅᑐᒥ ᓄᓇᒥ ᐊᒻᒪᓗ ᐊᕙᑎᐅᔪᒥ, ᑐᓴᐅᒪᓕᖅᑎᑦᑎᔾᔪᑎᒃᓴᑦᑎᓐᓂᒃ ᑮᑯᑐᐃᓐᓇᓄᑦ ᒪᓕᒐᓕᐅᖅᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᓇᐅᔾᔪᕙᒃᑐᓄᑦ, ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᑦ 2016-ᒥ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᖅᐳᑦ ᐊᑯᓂᐅᓂᖅᑳᖅ ᐊᐅᔭᐅᓂᖓᓂ ᐊᐱᓯᒻᒥᓚᐅᕐᓂᖓᑕ ᖃᖓᓕᒫᖅ (1991-2016) ᐃᓅᕕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᓄᓇᑦᓯᐊᕐᒥ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑉᐸᓕᕐᓂᐊᖅᑐᒃᓴᐅᓪᓗᓂ ᓯᕗᓂᖓᑲᐅᑎᒋᓂᐊᖅᑕᑦᑎᓐᓂ.

## ᐊᑕᕝᕕᒋᑐᕋᐅᓐᓂᖅᑲᖅᑐᑎᒃ ᓄᓇᐅᑉ-ᐃᒪᐅᑉ ᓯᓚᒥᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒃᑐᐃᓯᒪᓂᖏᑦ ᖁᑦᑎᒃᑐᒥᐅᑦ ᐃᒪᖁᑎᖃᖅᕕᖏᓐᓂᑦ: ᐊᑐᖅᑕᐅᓪᓗᓂ ᑖᒃ Hᐊᐃᔨᓐ ᑕᓯᖓ ᓇᐅᑦᓯᖅᑐᐃᕝᕕᐅᓂᖓᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᒧᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᕕᓐᓴᓐ ᓴᐃᓐᑦ ᓗᐃ (ᓯᓚᑦᑐᖅᓴᕐᕕᖓᓂᑦ ᐃᐊᓪᐹᑕ)

ᑖᓐᓇ ᐆᒪᓂᖅᑲᖅᕕᐅᔪᓕᒫᓂᒃ ᖃᐅᔨᓴᐃᓂᐅᔪᖅ ᐊᖏᒡᓕᕆᐊᖅᓯᒪᓕᕐᒪᑦ ᐊᑕᕝᕕᒋᑐᕋᐅᓐᓂᖅᑲᖅᑐᓂᒃ ᓄᓇᐅᑉ-ᐃᒪᐅᑉ ᓯᓚᒥᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᒥᑦ ᐊᒃᑐᐃᓯᒪᓂᖏᑦ ᐊᑐᖅᑕᐅᓪᓗᓂ ᑖᒃ Hᐊᐃᔨᓐ ᑕᓯᖓ ᐊᐅᓱᐃᑦᑐᑉ ᕿᑭᖅᑖᓗᐊᓂ ᓇᐅᑦᓯᖅᑐᐃᕝᕕᐅᓪᓗᓂ ᖃᐅᔨᓴᐃᓂᐅᔪᒧᑦ. ᖃᐅᔨᓴᐃᓂᖅᑲᖅᑐᑎᒃ ᐱᓕᕆᓂᖅᑲᖅᐳᑦ ᖃᓄᑎᒋᐅᓂᖏᑦ: (1) ᑲᑎᓪᓗᒋᑦ ᐊᐅᓚᓂᖅᑲᕈᓐᓇᐅᑎᓂᒃ ᑭᐳᒍᑎᖅᑲᖅᑕᖅᓂᐅᔪᓂᒃ, ᐃᒪᐅ ($H_2O$), ᐊᓂᖅᑎᓇᔪᓐᓃᖅᓇᖅᑐᑉ ($CO_2$), ᐊᒻᒪᓗ ᒫᓴᑖᒃᓴᐅᑉ ᐊᑯᓐᓂᖏᓐᓃᓯᒪᕗᒃᑐᑦ ᓯᓚᐅᑉ ᐊᒻᒪᓗ ᓄᓇᐅᑉ; (2) ᑲᑎᓪᓗᒋᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᑦ ᓯᑯᖅᑲᐃᓐᓇᖅᕕᐅᔪᑦ ᐊᖏᓂᖏᓂ; (3) ᐃᓚᒃᓴᖅᑲᐅᓕᖅᐸᓐᓂᐅᔪᑦ ᐊᐳᑎᑉ ᐊᐅᒃᓯᒪᓂᖓᓂ, ᓯᑯᖅᑲᐃᓐᓇᖅᕕᐅᔪᑉ ᐊᐅᒃᓯᒪᓂᖓᓂᑦ ᐊᒻᒪᓗ ᒪᕋᐅᑉ/ᖁᐊᖑᐃᓐᓇᖅᓂᐅᑉ ᐊᐅᒃᓯᒪᓕᖅᓂᖓᓂᒃ; (4) ᐊᐅᓚᕙᓪᓕᐊᓂᓇᓴᖓᑕ ᑖᒃ Hᐊᐃᓯᓐ ᑕᓯᖓᑕ; ᐊᒻᒪᓗ (5) ᐊᑯᓂᖅᑐᒧᑦ ᐆᒪᔪᖁᑎᐅᔪᓂ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑲᖅᑐᑦ ᐊᕙᑎᐅᔪᒥ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᑦ ᐊᑐᖅᑐᒋᑦ ᕿᓂᖅᑕᖅᑲᖅᓂᐅᔪᑦ. ᐱᔾᔪᑎᒋᓪᓗᒍ ᐆᓇᖅᓯᕙᓪᓕᐊᓯᒪᓕᖅᓂᖏᑦ ᐊᒻᒪᓗ ᐊᖏᒡᓕᕆᐊᖅᓯᒪᓕᖅᓂᖏᑦ ᐱᑕᖅᑲᖅᓂᖏᑕ ᓂᕿᖏᔭᐅᔪᓐᓇᖅᑐᓂᒃ, ᑐᖁᓐᓇᖅᑐᓂᒃ, ᕿᓂᖅᑕᓂᒃ, ᐊᓯᖏᓂᒃᓗ, ᖃᐅᔨᓴᖅᑎᒻᒪᓇᐅᔪᑦ ᓇᓂᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐊᐅᓚᓂᖅᑲᖅᓂᖓᓂ ᐃᒪᕐᓂ ᐆᒪᓂᖅᑲᖅᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᐅᔪᒥ ᐆᒪᓂᖅᑲᖅᑐᑦ ᖃᓄᐃᓕᖓᓕᕐᓂᖏᑦ ᑖᒃ Hᐊᐃᔨᓐ ᐊᔾᔨᖃᖖᒋᓪᓚᑕ ᖃᓄᐃᓐᓂᐅᓚᐅᖅᓯᒪᓂᖏᓐᓄᑦ 300-ᖑᓕᖅᑐᑦ ᐅᑭᐅᓂᑦ ᐊᑐᖅᓯᒪᓕᖅᑐᑦ ᐃᓱᒪᒋᓗᒋᑦ.

## ᐊᒃᑐᐃᓯᒪᓂᐅᔪᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᑕ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐊᕙᑎᐅᔪᑦ ᓄᓇᕗᑦ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᓯᕗᓪᓕᖅᐸᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᓂᐅᔪᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᕗᐊᕐᕕᒃ ᕕᓐᓴᓐᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᐊᔪᐊᖓ ᓚᕚᓪ)

ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒃᑯᑦ ᓇᓂᓯᓯᒪᓕᕆᐊᖅᑕᑦᑕᕐᒪᑦ ᖃᐅᔨᓴᐃᓂᕐᒥᓐᓂ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᖅᑕᑦᑕᖅᑐᒋᑦ ᐊᕙᑎᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖏᓂᒃ ᐊᐅᓱᐃᑦᑐᑉ ᕿᑭᖅᑖᓗᐊᑕ ᑲᓇᖕᓇᖓᓂ ᐃᒪᖓᑕ ᓯᒡᓴᖏᓂ. ᓇᐅᑦᓯᖅᑐᐃᓂᖅᑲᖅᐳᑦ, ᓯᓚᒥᒃ, ᐊᐳᑎᐅᑉ ᐊᒻᒪᓗ ᖁᐊᖑᐃᓐᓇᖅᑐᑉ ᓂᓪᓚᓯᓐᓂᖏᓂᒃ, ᑕᓯᕐᒥ ᓯᑯᒥᒃ, ᓯᑯᐊᓗᖓᓂᒃ, ᐃᐱᐅᑕᓕᐅᑉ ᓯᑯᐊᓗᖅᑲᖅᕕᖓᓂ, ᖄᖏᓂ ᐊᐅᓚᓂᖅᑲᖅᓂᐅᔪᑦ ᓯᑯᐊᓗᓐᓂ ᐊᒻᒪᓗ ᓯᑯᖅᑲᕕᐅᔪᓂ, ᓯᑯ ᕿᑭᖅᑕᖓᓂ ᐱᑕᖅᑲᓕᖅᐸᓪᓕᐊᕙᓐᓂᖓᓂᒃ, ᓱᓇᕕᓐᑦ ᓴᕐᕙᐅᕙᓪᓕᐊᓯᒪᔪᓂ ᐊᒻᒪᓗ ᓱᕈᖅᓯᒪᓕᕐᓂᐅᔪᓄᑦ ᑕᓇᐅᒧᑦ ᐅᓗᓇᐊᖅᓂᖅᑲᖅᑐᑎᒃ, ᐊᒻᒪᓗ ᑕᓯᕐᒥ ᐊᒻᒪᓗ ᑲᖏᖅᓗᐊᓂ ᕿᓂᖅᑕᖅᑲᖅᓂᑦ ᖃᐅᔨᒋᐊᖅᓯᒪᓕᖅᑐᒋᑦ ᐊᑯᓂᖅᑐᒧᑦ ᐊᔾᔨᐅᖕᖏᓐᓂᖅᑲᖅᓂᖏᓐᓂᒃ; ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᕐᓂ ᐱᑕᖅᑲᓕᖅᑎᑦᑎᑦᑎᐊᖅᐸᓐᓂᐅᔪᓄᑦ ᓂᕿᖏᔭᐅᔪᓐᓇᖅᐸᒃᑐᖅᑲᖅᓂᖏᓂ ᑕᔫᑦ ᐊᒻᒪᓗ ᑲᖏᖅᓗᐃᑦ. ᓄᑖᖑᓪᓗᑎᒃ ᖃᓄᐃᓕᖅᓂᖏᓄᑦ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᕗᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓵᓪᓕᕙᓪᓕᐊᖏᓐᓇᐅᔭᖅᓂᖏᑦ ᓴᐳᓯᒪᓕᕈᑎᐅᕙᒃᑐᓂ ᓯᑯᑉ ᐃᐱᐅᑕᓕᐅᑉ ᑲᖏᖅᓗᐊᓂ, ᑭᓯᒥᑐᐊᖑᓕᖅᑐᓂ ᓯᒥᒃᓯᒪᐅᓇᖅᓂᐅᔪᒥ ᐊᕙᑎᒋᔭᖓ ᑲᓇᖕᓇᖓᓂ ᐊᑦᑕᓇᖅᑐᒦᓕᖅᓯᒪᓕᕐᒪᑦ ᓄᖑᓯᒪᓕᑐᐃᓐᓇᓕᐊᖅᑲᖅᓂᖓᓄᑦ.

# ᐃᓄᐃᑦ ᐋᓐᓂᐊᑕᐃᓕᓂᖕᒋᓐᓄᑦ, ᐃᓕᓐᓂᐊᖅᑐᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑐᓕᕆᐊᖃᕐᓂᖕᒋᓐᓄᑦ ᓄᑖᓂᒃ

ᐱᓕᕆᓂᖃᖅᑎᑦᑐᒋᑦ ᐱᓕᕆᐊᖑᕙᑦᓚᐊᓂᖕᒋᑦ 4-ᖕᖓᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐊᒥᓱᐃᓕᖕᖓᔪᑎᒍᑦ ᐱᓕᕆᐊᖃᖅᑎᓂᑦ ᖃᐅᔨᓴᐃᓂᖃᓚᐅᖅᐳᑦ ᑕᒪᐃᓐᓂ ᓯᑕᒪᐅᓪᓗᑎᒃ ᐃᓄᐃᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᖕᒋᓐᓂ ᑲᓇᑕᒥ: ᐃᓄᕕᐊᓗᐃᑦ, ᓄᓇᕗᑦ, ᓄᓇᕕᒃ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᑦ ᐱᓕᕆᐊᕆᔭᐅᓯᒪᓕᕆᐊᖅᑐᑎᒃ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ ᐱᒻᒪᕆᐅᑎᑕᐅᓪᓗᑎᒃ ᐃᓄᓐᓂᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᑦ. 9-ᖑᔪᑦ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᑐᕌᖕᖓᑎᑕᐅᓯᒪᔫᑦ ᐊᓐᓂᐊᖅᑕᐃᓕᓂᕐᒧᑦ, ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑐᓕᕆᐊᖃᕐᓂᖕᒋᓄᑦ ᓄᑖᓂᒃ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑦᑎᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᐃᓚᐅᖃᑕᐅᑎᑦᑎᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᓄᑦ.

## ᐊᒃᑐᖅᑕᐅᓯᒪᔪᐊᕐᓂᐅᔪᑦ

ᑕᓪᓕᒪᓂᒃ (5) ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᓂᒃ ᐱᓕᕆᓂᕐᑲᖅᑐᑦ ᑐᕌᖓᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᑐᓴᐅᒪᓕᖅᑎᑦᑎᒋᐊᕐᓂᕐᒧᑦ ᑭᒃᑯᑐᐃᓐᓇᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᕐᑯᑎᐅᔪᓂᒃ ᐃᓚᓗᐊᖏᑎᒧᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᓐᓂᐅᔪᓄᑦ, ᐆᒪᔪᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᓯᒪᙱᓐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᑐᕐᑯᓇᖅᑐᕐᑲᓕᖅᓯᒪᓂᐅᔪᑦ ᐊᒃᑐᐃᓯᒪᓂᕐᑲᓕᖅᐸᓐᓂᖏᓐᓄᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᙱᓐᓂᖏᓐᓄᑦ, ᑕᒪᒃᑯᐊ ᐃᓚᒋᔭᐅᓪᓗᑎᒃ ᐊᓯᖏᓐᓄᑦ. ᓄᑖᓂᒃ ᐱᓕᕆᔾᔪᑎᔅᓴᓂᒃ ᐋᑭᒃᓯᐃᓯᒪᓕᓚᐅᖅᐳᑦ ᑐᓴᖅᑎᑦᑎᓯᒪᓕᕈᑎᐅᓇᔭᖅᑐᓂᒃ ᐊᐅᓚᑦᓯᓂᕐᑲᖅᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᕿᐅᕋᓴᐃᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᓐᓂᕐᓄᑦ.

ᐱᓗᐊᖅᑐᒥᒃ ᕿᐅᕌᔭᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᑐᕐᑯᓇᖅᑐᕐᑲᓕᖅᐸᓐᓂᕐᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐆᒪᔪᓐᓇᐅᑎᖓᓄᑦ ᑎᒥᐅᑉ ᐃᑲᔪᕈᑎᖏᑦ ᕿᓚᓗᒐᐅᑉ ᒫᑖᖓᓂ ᐊᒻᒪᓗ ᐊᐅᑉ ᐃᔭᕈᕙᐅᔭᖏᑦ ᐊᐅᐸᖅᑐᑦ ᓄᓇᕕᒻᒥᐅᑦ ᐃᓇᖏᓂ ᒥᑭᓪᓕᒋᐊᖅᓯᒪᓕᖅᑎᑕᐅᔪᓐᓇᕐᒪᑕ ᓯᐊᒻᒪᒃᐸᓪᓕᐊᕙᓐᓂᖏᑕ ᑐᕐᑯᓇᖅᑐᕐᑲᓕᖅᓯᒪᕙᓐᓂᖏᓂ ᐊᕿᕐᑰᔭᕐᑲᕐᓂᐅᔪᓄᑦ ᐆᒻᒫᔾᔪᑎᖏᓄᐊᖅᐸᓪᓕᐊᕙᒃᑐᓂ.

ᒪᕐᕿᖓᓂ ᓄᓇᓕᒋᔭᐅᔪᓂ ᕿᐅᕆᓴᐃᓂᕐᑲᖅᑐᑎᒃ ᐱᓕᕆᐊᖑᔪᑦ ᑐᕌᖓᑎᑦᑎᓚᐅᕐᒪᑕ ᐱᐅᓯᑎᑦᑎᓯᒪᓕᕆᐊᒥᒃ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᐅᕙᒃᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕆᐊᒧᑦ ᐃᓄᒃᑎᑑᕐᑐᓂᒃ ᖃᓪᓗᓈᑎᑑᕐᑐᓂᒃᓗ ᐃᓕᓐᓂᐊᕐᑎᑦᑎᔾᔪᑎᐅᕙᒐᔭᖅᑐᓂᒃ.

ᑐᕌᕐᕋᒃᓴᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐋᖅᑮᓯᒪᓕᕌᔭᕐᓂᕐᒧᑦ ᓄᓇᓕᐅᔪᓂᑦ ᐱᓕᕆᐊᖑᓕᒃᑲᓐᓂᕈᓐᓇᖅᑐᑎᒃ ᐸᕐᓇᐅᑎᖅᑲᓕᕋᔭᕐᓂᕐᒧᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓂᕐᑲᖅᑐᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ, ᐱᓕᕆᐊᖑᑲᐃᓐᓇᕐᑐᖅ ᕿᐅᕆᓴᐃᓂᕐᑲᖅᑐᓂ ᐃᓄᐃᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᓴᕋᐃᓐᓂᖏᓐᓄᑦ, ᒪᑭᒋᐊᒃᑲᓐᓂᕈᓐᓇᕐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐊᑐᓕᕆᐊᕐᑲᕈᓐᓇᕐᓂᕐᓄᑦ ᓴᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓐᓂᕐᓂᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᓯᓚᐅᑉ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓂᕐᒪᑕ ᓯᓚᒥᑦ ᐱᔾᔪᑎᐅᙳᕆᑦᑐᒃ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᕐᑲᖅᐸᓪᓕᐊᔾᔪᑎᐅᕙᒃᑐᓄᑦ.

ᓄᑖᖑᓪᓗᑎᒃ ᖃᓄᐃᓕᖓᓕᕐᓂᐅᔪᑦ ᕿᐅᕆᓴᐃᓂᐅᓚᐅᖅᑐᒥᑦ ᑐᕌᖓᑎᑕᐅᓪᓗᑎᒃ ᐃᓪᓗᓕᕆᓂᕐᒧᑦ, ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙵᑦᑎᐊᖅᑎᑦᑎᔭᕆᐊᕐᑲᕐᓂᕐᒧᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ 51%-ᑎᖏᑦ ᐃᓪᓗᒥᐅᕐᑲᑎᒌᒃᑐᓄᑦ ᓄᓇᕕᒃᒥ, ᐊᒻᒪᓗ 65%-ᓯᐃᖅ ᓄᓇᕗᒻᒥ ᐃᓄᒋᐊᓗᐊᖅᑐᑎᒃ ᐃᓪᓗᒥᐅᕐᑲᑎᒌᒃᑐᕐᑲᕐᓂᖏᑕ.

## ᓄᓇᕕᒃᒥ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᑉ ᖃᓄᐃᑦᑑᓂᖃᕐᓂᖓᓂᒃ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑕᐅᓂᖓᓂᒃ ᑕᐃᔭᐅᓪᓗᓂ ᖁᓄᐃᑉᐱᑖ 2017

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐱᐊᕐ ᐊᐃᖑᑦ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

1,000-ᓗᐊ ᐃᓄᐃᑦ 14-ᖑᔪᓂᑦ ᓄᓇᓕᒋᔭᐅᔪᓂᑦ ᓄᓇᕕᖕᒥ ᐃᓚᒋᔭᐅᕐᑲᐅᓚᐅᖅᐳᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᑕᐃᔭᐅᓪᓗᓂ ᖃᓄᐃᑉᐱᑖ 2004-ᖑᑎᓪᓗᒍ? 2017-ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᖅ ᑕᐃᔭᐅᓪᓗᓂ ᖃᓄᐃᓕᕐᐱᑖ? ᐃᓚᕐᑲᖅᑎᑕᐅᓯᒪᕗᖅ ᐱᖓᓱᓂᒃ: (1) ᖃᐅᔨᒋᐊᖅᑕᐅᓂᖏᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᖃᓄᐃᓕᖓᓕᖅᓯᒪᓂᐅᓚᖅᑐᓄᑦ 2004-ᖑᑎᓪᓗᒍ ᐃᓚᒋᔭᐅᕐᑲᐅᑎᓪᓗᒋᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᑐᕐᑯᔾᔪᑎᒋᔪᓐᓇᖅᑐᒋᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᓐᓂᕐᓂᒃ, ᐊᐃᑦᑐᕈᑎᐅᔪᓐᓇᖅᑐᑎᒃ ᐋᓐᓂᐊᕐᑲᓕᖅᓯᒪᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐃᓱᒪᒃᑯᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ; (2) ᓄᑖᖑᓪᓗᓂ ᒪᒃᑯᒃᑐᐃᑦ ᐃᓚᒋᔭᐅᕐᑲᐅᓕᖅᑎᑕᐅᓚᐅᖅᐳᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕆᐊᒧᑦ ᓇᓗᓇᐃᒃᑯᑕᐅᕙᒃᑐᓂᒃ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᖅᑑᓂᕐᒧᑦ ᑐᕌᖓᓂᕐᑲᖅᑎᓪᓗᒋᑦ ᑖᕗᖓ ᐊᑐᕐᓂᕐᑲᖅᑐᒻᒪᕆᐅᓪᓗᓂ ᐃᓚᐅᑎᑕᐅᕐᑲᐅᔪᒧᑦ ᐃᓄᐃᑦ ᐃᓅᕐᑲᑎᒌᒃᑐᑦ ᐊᒥᓲᓂᖕᒋᓐᓂ; ᐊᒻᒪᓗ (3) ᖃᐅᔨᓴᖅᑕᐅᔪᓐᓇᖅᓯᓂᖅ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᓂᕐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙲᑦᑎᐊᕐᓂᕐᓄᑦ ᓄᓇᓕᐅᔪᑦ ᖁᑦᑎᖕᓂᖓᒍᑦ. ᑖᓐᓇ ᐊᒥᓱᐃᓕᖕᒐᓪᓗᓂ, ᐊᒥᓱᐃᓂᑦ ᐱᓕᕆᐊᖑᓂᕐᑲᖅᑐᓂ ᐊᒻᒪᓗ ᐃᓚᒋᔭᐅᕐᑲᐅᑎᑦᑎᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᐅᔪᖅ ᐱᒻᒪᕆᐅᓗᐊᕐᒪᑦ ᐱᓕᕆᐊᖑᓯᒪᔭᕆᐊᕐᑲᕐᓂᖓ ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕐᓂᐊᕐᓂᕐᒧᑦ ᐊᒥᓯᐃᖑᓪᓗᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᓂᐅᔪᓂᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ, ᐃᓅᓯᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᒪᓕᒑᖁᑎᐅᔪᓂᒃ ᓄᓇᕕᖕᒥ.

## ᓄᓇᓕᐅᔪᓂᕐᒥᐅᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖕᒋᑦ, ᒪᑭᒋᐊᕈᓐᓇᕐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐊᑐᓕᖅᐸᓪᓕᐊᔪᓐᓇᕐᓂᖕᒋᑦ ᐊᑐᓕᖅᑎᑕᐅᕙᓪᓕᐊᓯᒪᔪᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᔭᐃᔅ ᕗᐊᕐᑦ (ᒪᑭᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖓ)

ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑦ ᐱᓕᕆᐊᖑᓂᕐᑲᖅᑐᑦ ᓄᓇᓕᐅᔪᓂ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᑲᕐᓂᕐᒥ ᐱᓕᕆᐊᕐᑲᕐᓂᐅᔪᓂᒃ ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕈᒪᓪᓗᑎᒃ ᐱᐅᓪᓚᕆᒃᑐᑎᒍᑦ ᑐᑭᓯᐊᓂᕐᑲᖅᑐᑎᒃ ᐱᓇᓱᐊᕈᓯᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᐃᓕᖓᓐᓂᐅᓕᖅᐸᒃᑐᓂᒃ ᐊᒃᑐᐃᓂᕐᑲᖅᑐᑎᒃ ᐃᓄᐃᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖕᒋᓂᒃ, ᒪᑭᒋᐊᕈᓐᓇᕐᓂᖕᒋᓂᒃ ᐊᒻᒪᓗ ᐊᑐᓕᖅᐸᓪᓕᐊᔪᓐᓇᕐᓂᖕᒋᓂᒃ ᐊᑐᓕᖅᑎᑕᐅᕙᓪᓕᐊᓯᒪᔪᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ. ᖃᐅᔨᓴᖅᑎᒪᓕᓐᑦ (1) ᐊᔾᔨᖏᑎᒍᑦ ᓄᓇᓕᐅᔪᓂᕐᒥᐅᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖕᒋᓐᓄᑦ ᖃᐅᔨᒋᐊᕐᓂᕐᓂᒃ ᐅᑭᐅᑦ 10-ᖑᓕᖅᑐᑦ ᐱᓕᕆᓂᐅᓚᐅᖅᑐᓂᒃ ᖃᐅᔨᒋᐊᕈᑎᕐᑲᐅᖅᐳᑦ ᖃᓄᖅ ᐃᓅᓯᓕᕆᓂᕐᒥ ᐆᒪᓂᕐᑲᖅᑐᓕᕆᓂᕐᒥ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᐅᔪᑦ ᐊᒃᑐᐃᓯᒪᓕᕐᒪᖔᑕ ᐃᓄᐃ-ᐊᕙᑎᐅᔪᓄᑦ ᐱᓕᕆᐊᖑᕙᒃᑐᓂ ᐊᒻᒪᓗ (2) ᐃᓄᐃᑦ ᐊᖑᓇᓱᒃᑏᑦ ᓴᓇᕐᕈᑎᒃᓴᖃᓕᖅᑎᑕᐅᓗᑎᒃ GPS-ᓂᒃ ᑕᒻᒪᕇᒃᑯᑎᓂᒃ ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᔾᔪᑎᐅᓇᔭᖅᑐᓂᒃ ᓄᓇᓂᒃ ᐊᑐᖅᐸᓐᓂᐅᔪᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᓂᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᕐᕕᐅᓂᐊᕐᓗᑎᒃ ᐊᐱᖅᓱᕐᑕᐅᓗᑎᒃ ᐱᓕᕆᓂᕐᑲᖅᐸᓐᓂᖕᒋᓐᓄᑦ ᓄᓇᒥ. ᓄᑖᑦ ᖃᐅᔨᔭᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᓂᖅ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓂᖓᓂᑦ ᐊᖏᔪᒥᒃ ᑕᐃᒪᓐᓇᐃᓕᔾᔪᑎᕐᑲᖅᓯᒪᓪᓚᑕ ᓯᓚᒥᐅᙱᑦᑐᖅ ᐃᓚᒋᔭᐅᕐᑲᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐱᓇᓯᐊᕐᓂᐅᕗᑐᓂᑦ, ᓱᕐᓗ ᖁᐊᕐᑲᐅᑎᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᕗᓐᓂᖕᒋᑦ ᐱᒻᒪᕆᐅᑎᐅᕙᓪᓚᑦ ᐃᓄᐃᑦ ᓂᕿᒋᓂᐊᖅᑕᒥᓐᓂᒃ ᐱᓯᒪᓕᕋᓱᒃᐸᓐᓂᖕᒋᓐᓄᑦ.

## ᓂᕿᒋᔭᐅᕙᒃᑐᓂᑦ ᐊᒻᒪᓗ ᐃᒥᓇᔭᐅᕙᒃᑐᓂᑦ ᐋᓐᓂᐊᕐᑲᓕᕈᑎᐅᕙᒃᑐᑦ ᐱᓗᐊᕈᖅᓃᖅᑎᑕᐅᒋᐊᕐᓂᖕᒋᑦ: ᓄᓇᓕᐅᔪᓂ ᖃᐅᔨᓴᐃᓂᕐᑲᕐᓂᖅ ᐊᕙᑎᒋᔭᐅᔪᖅ ᐋᓐᓂᐊᕐᓇᖅᑲᖏᑦᑎᐊᓕᕐᑯᓪᓗᒍ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓯᐅᓇᓖ Hᐊᕐᐳᕐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒍᐃᐅᓪᕙ)

ᓯᓚᕐᔪᐊᓕᒫᒥ, ᐃᓇᓗᐊᖏᑎᒍᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᒃᑐᑦ ᖁᑦᑎᖕᓂᖅᓴᐅᕗᑦ ᓴᖅᑭᑕᐅᕐᑲᑦᑕᖅᓯᒪᔪᓂ ᐃᕐᑲᓗᐃᑦ, ᓄᓇᕗᒻᒥᐅᓂᑦ. ᐊᐃᑐᕐᓗᒍᑎᐅᔾᔪᓐᓇᖅᑐᓂ ᐊᓇᐦᕿᓕᖅᑲᑦᑕᕐᓂᖅ ᐊᒻᒪᓗ ᒥᕆᐊᓂᓕᖅᑲᑦᑕᕐᓂᖅ ᐋᓐᓂᐊᓕᕈᑎᐅᔾᔪᓐᓇᕐᒪᑦ ᑐᕐᑯᓐᓇᖅᑐᖅᑲᓕᖅᓯᒪᓂᖓᓂ ᐃᒥᓇᔭᐅᕙᒃᑐᑦ, ᑐᕐᑯᓐᓇᖅᑐᖅᑲᓕᖅᓯᒪᓂᖕᒋᓂᑦ ᓂᕿᑦ, ᐆᒪᔪᕐᑯᑏᑦ-ᐅᕝᕙᓘᖓᓃᑦ ᐃᓄᒻᒥᑦ-ᐃᓄᒻᒧᑦ ᐊᐃᑦᑑᑕᐅᓯᒪᓗᓂ. ᓄᓇᓕᐅᔪᒥ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᑲᕐᓂᐅᔪᒃᑯᑦ, ᖃᐅᔨᓴᖅᑎᒪᓕᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᒪᑕ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᑲᓕᓚᐅᖅᑐᑎᒃ ᖁᐱᕐᕈᐊᕐᑖᓂᒃ ᐋᓐᓂᐊᕐᓇᖅᑐᓂᒃ ᑐᑭᓯᒪᔨᑎᐊᓕᕈᒪᓪᓗᑎᒃ ᖃᓄᖅ ᐃᓄᐃᑦ ᑕᐃᒪᓐᓇᐃᑦᑐᓂᒃ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᓪᒪᖔᑕ. ᖁᐱᕐᕈᐊᑖᑦ ᐋᓐᓂᐊᕐᓇᐃᑦ ᑕᐃᔭᐅᔪᑦ ᒋᐊᕐᑎᐊ (*Giardia*) ᐊᒻᒪᓗ ᑯᕆᑉᑐᔅᐳᐊᕆᑎᐊᒻ (*Cryptosporidium*) ᓇᓂᔭᐅᓯᒪᓕᓚᐅᕐᒪᑕ, ᒪᓕᒃᑐᕋᐅᑎᕙᓪᓕᐊᓂᕐᑲᖅᑐᑎᒃ, 20%-ᑎᑦ ᐊᒻᒪᓗ 1.8%-ᑎᑦ ᐃᒪᕐᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓂᕐᑲᖅᑐᓂᑦ ᑯᖕᓂᑦ, ᐊᒻᒪᓗ 17%-ᑎᑦ ᐊᒻᒪᓗ 22%-ᑎᑦ ᕿᒻᒦᑦ ᐊᓇᖕᒋᓐᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ, ᐅᔾᔨᕆᔭᐅᓕᖅᑐᓂ ᐃᒥᖅ ᐊᒻᒪᓗ ᕿᒻᒥᕐᑯᑎᒋᔭᐅᔪᑦ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᕐᕕᐅᕙᓐᓂᖕᒋᑕ ᐃᓄᓐᓄᑦ. ᑭᒃᑯᐃᓐᓇᐃᑦ ᐋᓐᓂᐊᕐᑲᕐᓇᖕᒋᑦᑐᓕᕆᔨᖕᒋᑦ ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᐊᖑᓕᖅᑎᑦᑎᓂᖕᒋᑦ ᒥᑭᓪᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᖁᑦᑎᖕᓂᕆᔭᐅᔪᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᒃᑐᓂ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓕᕐᓂᐊᖅᐳᑦ ᓄᓇᓕᐅᔪᓂ ᐱᔪᖕᓇᐅᑎᕐᑲᖅᑐᓂᑦ.

## ᐆᒪᔪᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᓐᓂᖕᒋᑦ ᐱᒻᒪᕆᐅᔫᓂᖕᒋᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᕙᓐᓂᖕᒋᓂ ᐊᒻᒪᓗ ᓂᕿᒋᔭᐅᓂᐊᖅᑐᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑑᔭᕆᐊᖃᕐᓂᖕᒋᓂ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖅᑐᒥ ᐊᕙᑎᒋᔭᐅᔪᓂ ᐅᑭᐅᖅᑕᖅᑐᓪᓚᑦᑖᑉ ᑭᕙᑖᓂᕐᒥᐅᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᒃ: ᐹᑐᓇᒃ ᓚᐃᑕᓐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᑐᓇᐋᑦ) ᐊᒻᒪᓗ ᐃᒪᓕ ᔮᓐᑭᓐᓴ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓴᔅᑳᑦᓯᕚᓐ)

ᐆᒪᔪᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᐸᓐᓂᖕᒋᑦ ᓲᕐᓗ ᐋᖓᔮᓕᖅᓯᒪᓪᓗᑎᒃ ᐊᒻᒪᓗ ᓂᕿᒋᕙᒃᑕᒥᓐᓂᑦ ᖁᐱᕐᕈᐊᕐᑖᓂᑦ ᐊᔾᔨᐅᙱᑦᑐᑎᒍᑦ ᐊᒃᑐᐃᓂᕐᑲᐸᒻᒪᑕ ᑭᒃᑯᐃᓐᓇᐃᑦ ᐋᓐᓂᐊᕐᑲᖅᑕᐃᓕᒪᕙᓐᓂᖕᒋᓐᓂᒃ ᓄᓇᕕᒃᒥ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᑦᒥ ᐃᓱᒪᒋᓗᒋᑦ ᐊᓯᖏᑦ ᑲᓇᑕᒥᐅᕐᑲᑕᐅᔪᑦ. ᑕᒪᒃᑯᐊ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᕐᓂᐅᕙᒃᑐᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓕᕈᓐᓇᕐᒪᑕ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ, ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖓ, ᐊᒻᒪᓗ ᖃᓄᐃᑦᑑᓂᖓᑕ ᐊᕙᑎᐅᔪᑉ. ᐱᓕᕐᑲᑎᒋᓪᓗᒋᑦ ᑭᒃᑯᐃᓐᓇᐃᑦ ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐃᓱᒪᑕᕆᔭᐅᔪᑦ, ᒪᓕᒐᓕᐅᖅᑎᐅᔪᑦ ᐊᒻᒪᓗ ᐊᖑᓇᓱᒃᑏᑦ/ᒥᕿᕆᐊᖅᑎᒃᑯᑦ ᑲᑐᔾᔨᒃᑎᕈᕐᒋᑦ, ᑖᒃᑯᓇᓂ ᐱᓕᕆᐊᑎᒍᑦ ᖃᐅᔨᒋᐊᕐᓂᕐᑲᓕᖅᓯᒪᕗᑦ ᐊᒻᒪᓗ ᓇᓚᐅᑦᑖᕐᓯᒪᓂᕐᓂᒃ ᐱᑦᑲᓕᖅᑎᑦᑎᕆᐊᖅᓂᒥ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᑯᓇᕐᓂᕐᓄᑦ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᕈᑎᐅᕙᒃᑐᓂᑦ ᐆᒪᔪᕐᑯᑎᐅᔪᓂ ᐊᒻᒪᓗ ᐃᓄᓐᓂ. ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᑲᑎᖅᓯᐃᓯᒪᓂᖅ ᑕᐃᒪᐅᖕᒋᓐᓇᕐᓂᖕᒋᑦ 3-ᖑᓪᓗᑎᒃ ᐆᒪᔪᕐᑯᑎᐅᔪᓂᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᕐᓇᖅᑲᓕᕐᑲᓐᓂᖕᒋᓂᒃ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓄᑖᓂᒃ ᓴᓇᕐᕈᑎᐅᓕᖅᑐᓂᒃ ᐋᖅᑮᓯᒪᓕᕈᓐᓇᓚᐅᕐᒪᑕ, ᓲᕐᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐆᒪᔪᐃᑦ ᐋᖓᔮᓕᕐᓂᖅᐸᓐᓂᖕᒋᑦ ᐱᓕᕆᔾᔪᑎᒋᑦ (ARM) ᑕᐃᒪᓐᓇᐃᑦᑐᖃᕐᔭᕐᐸᑦ ᐱᓕᕆᕝᕕᒃᓂᕐᒥᒃ, ᑐᓴᐅᒪᓕᖅᑎᑦᑎᕙᓐᓂᐊᕐᓗᑎᒃ ᐊᐅᓚᑦᓯᓂᕐᑲᕐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᒃᑐᓂᒃ.

## ᐆᒪᓂᖃᖅᑐᓄᑦ ᐊᕙᑎᐅᔪᒥ ᐱᓕᕆᐊᖃᕈᑎᖃᕐᓂᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᖓᓐᓄᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒥᓚᓂ ᓚᒥᐅᕐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᐃᑖᓗ ᐆᒪᔪᕕᓂᕐᓂᑦ ᑐᕐᑯᓐᓇᖅᑐᖃᐃᓐᓇᕐᓂᐅᓯᒪᔪᑦ ᒥᑭᑦᓕᕙᑦᓕᐊᓕᕋᓗᐊᖅᑎᓪᓗᒋᑦ, ᐊᕐᕿᕈᔭᖃᓕᖅᑎᑦᑎᕙᓐᓂᐅᔪᖅ ᓱᓕ ᐱᕙᑦᓕᐊᔪᓕᕆᓂᐅᕗᖅ ᐊᒻᒪᓗ ᓄᓪᓚᑦ ᐃᓕᕐᑯᑎᓯᐅᕙᒃᑐᑦ ᓴᓂᔭᐅᖃᑦᑕᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᖅ ᐊᕙᑎᒋᔭᕐᒋᓐᓇ ᖃᐅᔨᒪᔭᐅᓇᑎᒃ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᓂᕐᒥᒃ ᐊᒃᑐᐃᓂᖃᕈᓐᓇᕐᒪᖔᑕ. ᑖᒃᑯᓂᖓ ᐱᓕᕆᓂᖃᕐᓂᐅᔪᓂ ᑐᑦᕐᕕᒃᓴᖃᒪᑕ (1) ᓇᐅᑦᓯᖅᑐᐃᓕᕐᓂᕐᒧᑦ ᑐᕐᑯᓐᓇᖅᑐᓂᒃ ᐱᑦᖃᓕᖅᑎᑕᐅᕙᓐᓂᕐᓂᑦ ᑎᑭᐅᔾᔭᐅᕙᒃᑐᑎᒃ ᐅᖓᓯᒃᑐᐊᓗᒻᒥᑦ ᐃᓄᐃᑦ ᓂᕿᒋᕙᒃᑕᕆᓐᓂᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐃᓅᖃᑎᒌᒃᑐᕆᓐᓂ; (2) ᖃᐅᔾᔨᒪᓕᕆᐊᕐᑐᕆᑦ ᓄᓖᖑᓪᓗᑎᒃ ᑐᕐᑯᓐᓇᖅᑐᖃᓕᕐᓂᐅᕙᒃᑐᑦ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓐᓂᕆᓂᒃ ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᓂᕆᓐᓇ; (3) ᐱᓕᕆᐊᖃᕈᑕᐅᓕᖅᑎᓪᓗᕆᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑦ ᐊᑐᓕᖅᑎᑎᔾᔪᑎᐅᓂᐊᕐᓗᑎᒃ ᓴᐳᔾᔨᕆᐊᕈᑎᒃᓴᐅᓪᓗᑎᒃ ᐸᕐᓇᐅᑎᓕᐊᕆᔭᐅᓯᒪᔪᓄᑦ; (4) ᐊᕙᑎᓕᕆᓂᕐᒥ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ ᐱᓕᕆᓂᖃᕈᑎᖃᓕᖅᑎᑦᑎᒋᐊᕐᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ; ᐊᒻᒪᓗ (5) ᑐᓴᖅᑎᓯᒪᓕᕐᓗᕆᑦ ᑭᒃᑯᐃᓐᓇᓄᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᖅᑎᓕᕆᔨᐅᔪᑦ. ᐱᓗᐊᖅᑐᒥᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ ᖃᐅᔨᔭᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒫᔪᑎᑦ, ᓇᓗᓇᐃᑦᑐᒥᒃ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒫᔪᑎᖃᕐᓂᐅᕙᒃᑐᑦ ᕿᓚᓗᒐᐃᑦ ᒪᒃᑖᕐᒥᓂ ᐊᒻᒪᓗ ᐃᔭᕈᕙᐅᔭᖅ ᐊᐅᐸᖅᑐᓂᒃ ᐱᑦᖃᖅᐸᓐᓂᐅᔪᑦ ᓄᓇᕕᒻᒥᐅᓂ ᐃᓐᓇᕐᓂ, ᒥᑭᑦᓕᑭᐊᕈᑎᐅᖃᑦᑕᑦᓴᓇᕐᓕᑦ ᓯᐊᒻᒪᒃᐸᑦᓕᐊᓕᖅᐸᓐᓂᐅᔪᓄᑦ ᐊᕐᕿᕈᔮᖃᓕᖅᓯᒪᕙᓐᓂᕆᑦ ᑐᕋᖓᑎᑕᐅᕙᒃᑐᑎᒃ ᐆᒪᔾᔪᑎᖏᓐᓄᑦ ᑎᒥᐅᐸ (ᖃᓇᑕᒥ ᐊᒻᒪᓗ ᓯᖓᐃᒋᔭᐅᔪᓂ).

## ᑲᔪᓯᕆᐊᖅᑎᑦᑎᓂᖅ ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐱᓕᕆᖃᑎᒌᖕᓂᒃᑯᑦ ᐃᓄᐃᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒥ ᓯᕗᓕᖅᑎᐅᔪᑎᒍᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᐅᔪᑎᒍᑦ: ᒪᕐᕉᓐᓂᒃ ᐅᖃᐅᓰᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᕙᓐᓂᖅ ᐃᓄᐃᑦ ᓄᓇᖓᓐᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐋᓕᒃᓴᓐᑐᕐ ᒪᒃᐋᓕ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓂ ᐳᕆᓐᔅ ᐃᑦᕗᑦ ᐊᐃᓚᓐ)

ᒪᕐᕉᓐᓂᒃ ᐅᖃᐅᓰᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ ᐃᓄᓐᓂᒃ ᐱᓕᕆᐊᖃᖅᑎᖃᕐᓂᕐᒥᒃ ᐋᖅᑭᒃᓯᐃᓯᒪᓂᖅ, ᐸᕐᓇᒍᑎᖃᑦᑎᐊᖅᓯᒪᓪᓗᑎᒃ ᓖᓐᓇᐅᔪᒥ ᐊᒻᒪᓗ ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᓕᕈᓐᓇᖅᑐᓄᑦ ᑕᐃᒪᐅᔭᓇᐊᖃᓪᓚᓇᐳᓪᓗᓂ ᐱᒻᒪᕆᐅᓗᐊᕐᒪᑦ. ᐱᓕᕆᐊᖃᖅᑎᐅᔪᑦ ᐃᓄᐃᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᓯᕗᓕᖅᑎᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᐅᓪᓗᑎᒃ ᖃᕆᑕᐅᔭᑎᒍᑦ ᓴᓇᕐᑎᓂᒃ ᐊᑐᖅᓯᒪᔫᑉ ᑎᒍᓯᓯᒪᓕᕈᑎᒋᒋᐊᖅᑐᑦ ᐃᓄᐃᑦ ᐊᒻᒪᓗ ᐃᓅᙳᕆᑦᑐᑦ ᐊᖓᔪᖅᑳᖑᔪᑦ, ᐃᓕᓴᐃᔨᔪᑦ, ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔪᑦ ᐊᒻᒪᓗ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᔪᑦ ᖃᐅᔨᒪᓂᖃᒪᓕᕆᑦᑑᓪᓗᑎᒃ ᐱᕕᐅᓯᒪᓕᕐᑯᓪᓗᑎᒃ ᐋᖅᑭᒃᓱᐃᓂᕐᒥ ᐊᒻᒪᓗ ᐊᒥᖅᑲᖃᑎᒋᓕᕋᓴᕐᓂᕐᓄᑦ ᐊᑐᕐᓂᖃᖅᑐᓂᒃ, ᖃᐅᔨᓴᖅᑕᐅᓯᒪᔪᓂᑦ ᐃᑲᔪᖅᑕᐅᓯᒪᓂᖃᖅᑐᓂᒃ, ᒪᕐᕉᓐᓂᒃ ᐅᖃᐅᓰᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ ᐸᕐᓇᐅᑎᓕᐊᕐᒍᓯᒪᓕᕋᓴᖅᑐᓂᒃ. ᑖᒃᑯᐊ ᓄᓖᑎᒍᑦ ᐱᓕᕆᔾᔪᐅᕙᓕᑦᑐᑦ ᐃᑲᔪᕈᑎᐅᖃᑕᐅᓂᐊᕐᒪᑕ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᐃᓕᑦᓯᕙᓪᓕᐊᕙᓐᓂᖅᑐᓂᒃ ᐃᓕᓐᓂᐊᕐᕕᓐᓂ ᐊᒻᒪᓗ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ. ᐱᓕᕆᐊᖃᖃᑎᒌᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᐃᖏᕐᕋᑎᐊᖅᑎᑦᑎᓯᒪᓕᐊᓂᒪᑕ ᑐᙵᕕᖁᑎᓴᐅᓂᐊᖅᑐᓂᒃ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕐᓂᕐᒧᑦ ᐊᑐᕐᓂᖃᖅᑐᑎᒍᑦ ᒪᕐᕉᓐᓂᒃ ᐅᖃᐅᓰᓐᓂᒃ ᐊᑐᖅᐸᓪᓗᑎᒃ ᐃᓕᓐᓂᐊᕐᓂᓕᕙᓐᓂᐊᕐᓂᕐᒥ ᐃᓄᐃᑦ ᓄᓇᖓᓐᓂ ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᓕᖅᑎᑕᐅᓚᐅᖅᑐᑎᒃ ᑭᒃᑯᐃᓐᓇᓄᑦ ᖃᓇᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᖓᓂ ᐅᕙᓂ Akuttujuuk.ca.

## ᑐᙵᕕᖁᑎᒃᓴᐃᑦ ᐃᓕᓐᓂᐊᖅᑐᑦ ᑲᔪᓰᓐᓇᕆᐊᕈᓐᓇᕐᓂᖏᑕ ᐊᒻᒪᓗ ᐃᖏᕐᕋᑎᐊᖅᑎᑦᑎᔪᓐᓇᕐᓂᖏᑦ ᐃᓕᓐᓂᐊᕈᑎᒥᓐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖓᓐᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒥᓚᓂ ᐅᒍᐊᕐᒪᓐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒍᐃᓂᐲᒡ)

ᓈᓴᖅᑕᐅᓯᒪᓂᖏᑦ ᐊᒥᓲᓂᖏᓐᓂᑦ, ᐅᓂᒃᑳᓕᐊᖑᓯᒪᔪᓂᑦ, ᐊᒻᒪᓗ ᓄᓇᖅᑲᑎᒌᓂᒃ ᖃᐅᔨᓴᕐᓂᖃᖃᑦᑕᖅᓯᒪᓂᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᒃᑲᓐᓂᕆᐊᖃᕐᓂᖏᓐᓂᒃ ᐃᑲᔪᖅᑐᕆᐅᓯᒪᓕᕐᑯᓪᓗᑎᒃ ᐃᓄᐃᑦ ᐃᓕᓐᓂᐊᖅᑐᑦ ᑎᑭᓯᒪᕝᕕᑎᓕᕈᓐᓇᖅᑕᒥᓄᑦ ᑎᑭᓯᓕᖅᑎᑕᐅᔪᓐᓇᕐᑯᓪᓗᒋᑦ ᐊᒻᒪᓗ ᐱᓯᒪᓕᓚᐅᖅᑕᖏᑦ ᐃᓕᑕᕆᔭᐅᑦᑎᐊᖅᐸᓪᓗᑎᒃ. ᑲᑎᑎᖅᑕᐅᓯᒪᓂᖏᑎᒍᑦ, ᐃᓱᒪᔾᔪᓯᐅᔪᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑎᒍᑦ, ᐊᒻᒪᓗ ᐱᔾᔪᑎᒋᔾᔪᑎᖏᑎᒍᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᑎᒍᑦ, ᐃᓚᖅᑎᑦᑐᒋᑦ ᐱᓕᕆᓂᐅᕙᓪᓕᐊᔪᓂᒃ ᐃᓕᓐᓂᐊᕈᑎᐅᑦᑐᒋᑦ ᓂᕈᐊᖅᑕᐅᓯᒪᔪᓂ ᐃᓄᐃᑦ ᓄᓇᓕᖏᓐᓂ, ᑖᒃᑯᐊ ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᐃᑲᔪᖅᑕᐅᓕᖅᓯᒪᒐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᐅᔪᓂᒃ ᑕᐃᒃᑯᓇᙳᕆᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖃᖅᑐᑦ ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕈᓐᓇᕋᓚᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᓂᕐᓂ ᓯᕗᓕᖅᐸᐅᑎᑕᐅᔪᓇᐊᓕᓐᓂᒃ ᐱᐅᓯᑦᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᑎᒃ ᓇᓕᖅᑲᐅᑎᑕᐅᓯᒪᔪᓄᑦ ᖁᑦᑎᖕᓂᖅᐸᐅᔪᑎᒍᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕐᔪᑎᓂᒃ ᐱᑦᖃᓕᖅᑯᓗᒍ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᖃᐅᔨᕆᐊᕐᓂᐅᓚᐅᖅᑐᖅ ᐊᑐᖅᑐᑦ 2012-ᒥ ᓄᓇᖃᖅᑳᖅᓯᒪᔪᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᓇᓗᓇᐃᔭᐃᓯᒪᓪᓚᑦ ᐊᕐᓇᐅᓂᖏᓐᓂᒃ ᐊᖑᑎᐅᓂᖏᓐᓂᒃᓗ, ᐅᖃᐅᓯᓂᒃ ᓇᓕᓕᐊᓂᒃ ᐊᑐᖅᑐᑎᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᕙᓐᓂᕐᓄᑦ, ᐃᓕᓐᓂᐊᕐᕕᐸ ᖃᓄᐃᑦᑑᓂᖓᓄᑦ, ᐃᓕᓐᓂᐊᕐᕕᐸ ᐃᖅᑲᓇᐃᔭᖅᑎᖏᑕ-ᐃᓚᕐᑑᖑᔪᑦ ᑐᓴᐅᒪᒃᑦᑕᐅᑎᓂᓇᕙᒃᑕᕆᓂᒃ, ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖃᑎᕐᒃᑐᑦ ᐊᒃᑐᐃᓯᒪᓕᕐᐸᓐᓂᕆᓂᒃ ᐃᓚᕆᔭᐅᖃᑕᐅᔪᓂᒃ ᑐᕌᖓᑎᓪᓗᕆᑦ ᐃᓄᐃᑦ ᐃᓕᓐᓂᐊᕐᓂᖃᖅᓯᒪᕙᓐᓂᕆᓐᓂᒃ ᐊᒻᒪᓗ ᓯᓚᑦᑐᖅᓴᕐᕕᒥ ᐃᓕᓐᓂᐊᕈᑎᕆᔭᐅᓯᒪᓕᓚᐅᖅᑐᓄᑦ.

## ᐃᓗᓕᕆᓂᖅ, ᐋᓐᓇᐊᖃᕐᓇᕐᑐᓕᕆᓂᖅ, ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕐᓂᓕᕆᓂᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓕᓐᓂ: ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓐᓂᑦ, ᓄᓇᓕᕆᔭᐅᔪᓂᑦ, ᐊᒻᒪᓗ ᐃᓚᒌᖑᔪᓂᑦ ᐃᓱᒪᔾᔪᓯᕙᐅᔪᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᒃ: ᒪᐃᑖᓐ ᓈᕙ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒪᒋᐅᑦ) ᐊᒻᒪᓗ ᑯᓇᑦᑕᕗᕐ ᕗᓕᑦᓯᕐ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ)

ᓈᓪᓚᖕᒋᓗᐊᖅᑐᓂᒃ ᐃᒡᓗᕆᓂᐅᔪᓄᑦ ᐱᓕᕆᐊᖑᔪᑦ ᐱᑦᕐᑲᓕᖅᑎᑦᑎᓯᒪᓪᓚᑦ ᐊᔾᔨᒌᙱᒋᐅᖅᑐᓂᒃ ᐃᓅᓯᖏᓐᓇ, ᐊᕙᑎᖏᓐᓇ, ᐊᒻᒪᓗ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᕐᒥ ᓈᓪᓚᖕᒋᓕᕈᑎᐅᔪᓂᒃ ᐃᓄᐃᑦ ᓄᓇᓕᕆᔭᖏᓐᓇ. ᑖᒃᑯᐊ ᐊᒥᓱᓂᑦ ᐱᓕᕆᓂᐅᓕᖅᓯᒪᔪᑦ ᐊᑦᑕᑕᖅᓯᒪᓂᖃᖅᑐᑎᒃ ᐃᓄᐃᑦ ᐊᒻᒪᓗ ᖃᑦᑐᓈᓂᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓄᑦ ᑐᕌᖓᑎᑕᐅᕙᑦ ᓯᑕᒪᐅᔪᓄᑦ ᐊᑦᕌᕕᒋᑐᕋᐅᓐᓂᖃᖅᑐᑎᒃ ᐱᕙᑦᓕᐊᔪᓕᕆᓂᐅᔪᓄᑦ: (1) ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᓂᕐᓂᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕋᓯᓐᓂᕐᓂᑦ ᐊᒃᑐᒐᐅᓯᒪᓕᖅᐸᓐᓂᖏᐃᑦ ᓄᓖᓄᑦ ᐊᔪᖅᓴᖅᑐᓕᕆᔾᔪᑦ ᐃᓗᓕᐅᖅᓯᒪᓴᖏᓐᓄᑦ ᓄᒃᑎᖅᓯᒪᓕᖅᐸᒃᑐᑦ; (2) ᐃᓗᐃᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᕆᓂᐅᒃᑕᖏᓐᓄᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᐃᓄᐃᑦ ᐃᓚᒌᖑᔪᓂᑦ; (3)ᓈᓪᓚᒃᑐᓂᒃ ᐃᓗᓕᕆᓂᐅᑉ, ᐃᓅᒋᐊᓗᐊᖅᑐᑎᒃ ᐃᓗᒥᐅᖃᑎᒌᖑᕙᒃᑐᑦ ᑐᑭᓯᔾᔨᑦ ᐊᒻᒪᓗ ᐊᒃᑐᐃᓯᒪᓕᖅᐸᓐᓂᖏᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᕙᓐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕋᓱᒃᐸᓐᓂᖏᓐᓄᑦ ᐃᓄᐃᑦ ᐃᓱᒪᔾᔪᓯᕆᔾᔨᑎᒍᑦ; ᐊᒻᒪᓗ (4) ᐃᓗᐃᔭᐊᑦ ᖃᓄᐃᑦᑑᓂᖏᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᕙᓐᓂᖏᑦ ᐊᑐᓕᖅᑎᑦᑎᕙᓐᓂᕐᓂ ᐊᒻᒪᓗ ᐋᓐᓂᐊᖅᒥᑦᑎᐊᖅᑑᓪᓗᑎᒃ ᐃᓄᑐᖃᕐᐸᑦᓕᐊᔪᓐᓇᕐᓂᕐᓄᑦ. ᓄᑕᐅᓂᖅᐸᐅᑉᓗᑎᒃ ᐊᖏᔪᓪᓚᓇᐅᓪᓗᑎᒃ ᑐᑭᓯᐊᕐᕕᒃᓴᖅᑎᒋᔭᐅᔪᑦ ᑕᒪᒃᑯᓇᖓ ᓇᓗᓇᐃᖅᓯᓯᒪᔫᑦ 51%-ᖏᑦ ᐃᓗᒥᐅᖃᑎᒌᑦ ᓄᓇᕕᒃ, ᐊᒻᒪᓗ OF 65%-ᑎᖏᑦ ᓄᓇᕗᒻᒥ ᐅᖓᑎᓗᐊᖓᓄᑦ ᐃᓅᒋᐊᓗᐊᖅᑐᑎᒃ ᐃᓗᒥᐅᖃᑎᒌᑦᑐᖃᕐᓂᖏᑦ.

## ᐊᓇᒌᕿᓪᓗᑎᒃ ᐋᓐᓂᐊᖃᓕᖅᓯᒪᕙᓐᓃᑦ ᐊᒻᒪᓗ ᐃᓇᓗᐊᖏᒍᑦ ᐋᓐᓂᐊᕐᓇᖃᓕᖅᐸᓐᓂᖏᑦ ᒥᑭᔪᑦ ᓯᑯᓲᑦ ᓄᓇᕕᖕᒥᐅᓂ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥᐅᓂ

ᓯᕗᓕᖅᑏᒃ: ᓲᑦᑐᓇᒃ ᔮᓐᓰᓂ (ᒪᒋᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓂ ᐋᓐᓂᐊᖃᕐᓇᖏᑦᑐᓕᕆᔨᑦ - ᖃᐅᔨᓴᐃᓂᓕᕆᔨᖏᓐᓂ) ᐊᒻᒪᓗ ᑕᐃᕕᑦ ᒎᓪᓚᕚᔅ (ᓯᑯᓲᑦ ᐊᒻᒪᓗ ᐊᓇᐃᑦ ᐋᓐᓂᐊᖃᕐᓇᖏᑦᑐᓕᕆᔨᖏᑦ ᐳᕈᑎᔅ ᑲᓛᐱᐊᒥ)

ᖁᐱᕈᐊᓖᖅ ᐋᓐᓂᐊᕐᓇᖃᓕᕈᑎᐅᕙᒃᑐᖅ ᑕᐃᔭᐅᓪᓗᓂ ᑐᕆᑉᑐᔅᐳᕆᑎᐅᒻ (*Cryptosporidium*) ᐊᐃᑦᑑᑕᐅᕙᒍᓐᓇᖅᑐᓂ ᐃᓅᓐᓄᑦ ᐋᓐᓂᐊᖃᕈᑎᐅᕙᓪᓚᑦ ᓄᓇᕕᖕᒥᐅᓂ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥᐅᓂ. ᐋᓐᓂᐊᖃᓕᖅᐸᓐᓂᖓ ᐊᑦᑕᕕᖃᕐᓕᑦ ᐊᑯᓐᓂᖅᑐᒧᑦ ᓈᓪᓚᙳᓐᓂᖅᓯᒪᓕᔾᔪᑎᐅᕙᒃᑐᓄᑦ ᓯᑯᓲᖅ ᐱᕈᖅᐸᓪᓕᐊᓂᕆᓂᕐᒃᑕᖏᓐᓇ. ᖃᐅᔨᓴᖅᑎᓪᓕᕆᔪᑦ ᕿᓂᕐᓕᖅᓯᒪᒐᑦ ᓈᓪᓚᖕᒋᓐᓂᐅᓕᕐᑯᓐᓇᖅᑐᑎᒃ ᖁᐱᕈᐊᓖᓂᒃ ᐊᓇᖏᓐᓇ ᐃᓕᓐᓂᐊᓕᕐᓂᐋᓴᖅᑐᓄᑦ ᓯᑯᓲᕐᓄᑦ ᖃᐅᔨᓯᒪᓕᐳᓪᓗᑎᒃ ᖃᓄᖅ ᐊᑯᓚᐃᑎᒋᕙᓐᓂᖏᑦ ᐋᓐᓂᐊᖃᕐᓂᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕐᓂᐊᕐᓗᑎᒃ ᐊᓇᒌᕿᔾᔨᑎᐅᓕᖅᐸᒃᑐᑦ, ᖃᐅᔨᕆᐊᖅᓯᒪᓕᕐᓗᑎᒃ ᐊᒃᑐᐃᓂᖃᕐᓂᕆᓂᖃᕐᒥᓐᓄᑦ ᓯᑯᓲᑦ ᐱᕈᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐱᕙᑦᓕᐊᓂᖃᕈᓐᓇᕐᓂᖏᓐᓄᑦ, ᐊᒻᒪᓗ ᑐᓴᐅᒪᓕᖅᑎᔾᔨᑎᒋᓂᐊᕐᓗᑎᒃ ᐊᓄᖅ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᔪᓐᓇᕋᓴᕐᓂᓄᑦ. ᓯᕗᓪᓕᖓ ᑐᑭᓯᐊᕐᕕᒃᓴᖅᑎᓕᐊᕐᒍᓯᒪᔪᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᖃᓄᖅ ᖁᐱᕈᐊᓖᓐᓂᒃ ᐋᓐᓂᐊᕐᓇᖃᓕᕐᓂᐅᕙᒃᑐᑦ ᐃᓇᓗᐊᖏᓐᓇ ᑑᔾᔪᐊᕐᒥᐅᓂ ᐊᒻᒪᓗ ᐃᖃᓗᓐᓂᕐᒥᐅᓂ ᐃᓚᒋᔭᐅᒪᓚᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔪᑦ ᓯᕗᓕᖅᑎᐅᓯᒪᓕᖅᐳᑦ ᐊᑐᓕᖅᑎᑎᕆᐊᕐᓂᕐᓂ ᓱᒃᑲᓕᔪᒥᒃ ᐱᓕᕆᕝᕕᐅᓕᖅᓯᒪᔪᓄᑦ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᑎᒃ ᐋᓐᓂᐊᖃᕐᓇᓕᖅᐸᒃᑐᑦ ᐱᓗᐊᕈᓐᓃᖅᑎᑕᐅᓯᒪᓕᕋᓴᕐᓂᖏᓐᓄᑦ.

# ᐅᑭᐅᖅᑕᖅᑐᒥ ᒪᓕᒐᖁᑎᓂᒃ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᓂᖅ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᖅᑎᐅᔪᓂᒃ ᐊᑐᓕᖅᑎᑦᑎᓂᖅ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᐃᓂᖓᑦ ᐃᑲᔪᖅᑐᐃᓂᖃᕐᒪᑕ ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᕙᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᓱᐊᒻᒪᖅᑎᕆᕙᓪᓕᐊᕙᓐᓂᕐᓄᑦ ᐊᑐᓕᕈᑎᐅᓂᐊᖅᑐᓂᒃ ᐊᑐᓕᖅᑎᑦᑎᒋᐊᒥ ᐸᕐᓇᐅᑎᓂᒃ ᐊᒻᒪᓗ ᒪᓕᒐᖁᑎᐅᔪᓂᒃ ᐃᓄᓐᓄᑦ, ᐃᓛᒃᑰᖓᓪᓗᑎᒃ ᑎᒍᒥᐊᖅᑎᕆᔭᐅᔪᓄᑦ (ᐅᖅᓱᐊᓗᓕᕆᓂᖅ ᐊᒻᒪᓗ ᒫᓴᑖᓕᕆᓂᖅ, ᐅᒥᐊᕐᔪᐊᒃᑰᖅᐸᓐᓂᓕᕆᓂᖅ, ᐅᔭᕋᒃᑕᕆᐊᕐᓂᓕᕆᓂᖅ, ᑕᑯᔭᖅᑐᐃᓯᒪᕚᒃᑐᓕᕆᓂᖅ, ᐅᐊᔭᒨᖅᑐᓕᕆᔾᔪᑎᓕᕆᓂᖅ) ᐊᒻᒪᓗ ᑕᒪᕐᒥᒃ ᖁᑦᑎᖕᓂᕆᔭᐅᔪᓐᓃᑦᑐᑦ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᑎᐅᕙᒃᑐᓂ ᐊᒻᒪᓗ ᒐᕙᒪᐅᔪᓂ, ᐱᓕᕆᐊᒃᓴᖃᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐊᐅᓚᑦᓯᔨᐅᓂᕐᒥᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᑕ ᐅᑭᐅᖅᑕᖅᑐᑉ. ᐅᑭᐅᖏᑦ 2015-2017 ᐊᑯᓐᓂᖏᓐᓂ, ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᑐᕌᖓᓪᓗᑎᒃ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂᒃ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᑐᕌᖓᑎᑕᐅᓚᐅᕐᒪᑕ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂ ᐊᐃᕙᔾᔪᑎᐅᓕᖅᓯᒪᔪᓄᑦ ᑭᒡᓕᖃᖅᑎᑦᑎᐸᓐᓂᕐᓂ, ᓂᕿᒃᓴᖃᑦᑎᐊᕋᓱᒃᐸᓐᓂᕐᓄᑦ, ᐱᕙᓪᓕᐊᔪᓕᕆᓂᕐᓄᑦ, ᓄᓇᖅᑲᑎᒌᖑᔪᑦ ᐱᓕᕆᓂᖃᖃᑕᐅᐸᓐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖁᑎᑦ ᐊᐅᓚᑕᐅᐸᓐᓂᖏᓐᓄᑦ.

## ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᕐᓂᐅᔪᑦ

ᐃᓚᒋᔭᐅᑎᓪᓗᒋᑦ ᖃᐅᔨᒋᐊᕐᑕᐅᓂᖏᓐᓂ 'ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᑕᕆᐅᑦ ᓇᑎᖏᓄᑦ ᐋᖅᑭᐅᒪᓂᐅᔪᓂᒃ' ᑲᑐᔾᔨᓂᖃᕐᓗᑎᒃ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᐊᕐᓂᕐᒥᓐᓂ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖓᓂᒃ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓕᕆᐊᖃᖅᑎᖏᑦ ᓴᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ ᕋᓴᒥᐅᑦ ᓄᓇᕗᐊᖓᑦ ᐊᑐᖃᑦᑕᕐᒪᑕ ᑲᓇᖕᓇᖓᓂᑦ ᐃᒪᕐᓂᑦ ᓯᑯᖃᙱᓐᓂᖓᓂᒃ ᑕᕆᐅᒥᒃ, ᐊᑯᓐᓂᖏᓐᓃᑦᑐᒥᒃ ᑲᓇᑕᐅᑉ ᐊᒻᒪᓗ ᐊᑯᑭᑦᑐᐃᑦ ᓄᓇᕗᐊᖏᑕ, ᐊᒃᑕᑰᕙᒋᕙᒃᑐᒍ ᖁᒧᒐᒃᑎᑕᐅᔾᔪᑎᓂᒃ ᑐᖁᓐᓇᖅᑐᖃᓕᖅᓯᒪᓪᓗᑎᒃ ᐅᖅᓱᐊᓗᒃᓴᓂᒃ ᐅᓯᔪᓂᒃ. ᑕᒪᓐᓇ ᓴᖅᑭᑕᐅᒻᒪᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᑲᓇᑕᒥᐅᓂᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂᑦ ᑐᓴᕐᓴᓕᕆᓃᓂᑦ ᐱᓕᕆᔾᔪᑎᐅᓗᐊᓕᓚᐅᖅᓯᒪᒻᒪᒪᑕ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ.

ᓄᓇᓕᐅᔪᓂ ᖃᐅᔨᒪᓂᕐᑲᖅᑎᐅᔪᑦ ᐃᖅᑲᓇᐃᔭᕐᕙᖓᑦ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᓚᐅᕐᒪᑕ ᓇᐅᑦᓯᖅᑐᕈᑎᒃᓴᓂᒃ ᐃᒪᐃᑦ ᐊᕙᑎᖏᓐᓂ ᓯᓚᖓᓂᒃ ᐊᒻᒪᓗ ᑕᕆᐅᑦ ᓯᑯᔭᖏᓐᓂ ᐊᒻᒪᓗ ᓄᓇᒥ ᐅᓗᕆᐊᓇᖅᑐᖃᕐᓂᐅᕙᒃᑐᓂᒃ ᐃᓚᖅᑭᑎᓪᓗᒋᑦ ᐊᔾᔨᓕᐅᖅᑕᐅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᓄᓇᙳᐊᓕᐅᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖅᑯᑎᓂᒃ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖃᕈᑎᒃᓴᐃᑦ ᐋᖅᑮᓯᒪᓕᕈᑎᐅᒻᒪᑕ ᓵᓚᒃᓴᐅᑎᑖᕆᓯᒪᓪᓗᒍ ᐱᓕᕆᔾᔪᑎᒥᒃ ᑕᐃᔭᐅᓪᓗᓂ 'SmartICE'-ᐱᓕᕆᐊᕐᒥᒃ, ᐃᓄᓐᓂᑦ ᖃᓄᐃᑦᑑᓂᐊᕐᓂᖓ ᐋᖅᑭᒃᓱᐊᖑᖃᑕᐅᓚᐅᖅᑐᓂ, ᓴᖅᑮᔾᔪᑎᐅᕙᒃᑐᓂ ᐊᑐᕐᓂᖅᑲᖅᑐᒻᒪᕆᐅᓪᓗᑎᒃ ᑐᓴᐅᓯᖁᑎᓂᒃ ᑕᕆᐅᒥ-ᓯᑯᒥ ᖃᓄᐃᓕᖓᓐᓂᐅᔪᓄᑦ; ᑕᒃᑯᐊ ᑐᓴᐅᓯᐃᑦ ᐊᑐᐃᓐᓇᐅᕗᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ ᓄᓇᓕᖓᓂ ᓇᐃᓂᐅᑉ ᐊᒻᒪᓗ ᒥᑦᑎᒪᑕᓕᐅᑉ ᑕᕆᐅᑉ ᓯᑯᖓᑎᒨᕐᓂᐊᖅᑐᓄᑦ ᐱᐅᓯᒋᐊᕈᑎᔅᓴᐅᓪᓗᑎᒃ ᐃᖏᕋᓂᖃᕐᓂᐊᕐᓂᖏᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙵᖏᑦᑎᐊᕈᑎᔅᓴᐅᓪᓗᑎᒃ.

ᓂᕿᒋᔭᑦᓴᓂᒃ ᐱᓯᒪᓕᕈᓐᓇᖃᑦᑕᙳᖏᓐᓂᐅᔪᑦ ᐱᓗᐊᒻᒪᕆᒃᑐᒥᒃ ᑭᒃᑯᐃᓐᓇᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᕙᓐᓂᖏᓐᓄᑦ ᐱᕙᓪᓕᐊᔪᓕᓂᐅᓕᖅᓯᒪᕗᖅ ᐊᒥᓱᐃᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᒋᔭᐅᔪᓂᑦ. ᑐᑭᓯᒋᐊᕙᒃᓴᖁᑎᓂᒃ ᖃᐅᔨᒋᐊᕐᓂᖅ ᐱᔭᐅᓯᒪᓕᓚᐅᖅᑐᓂᒃ ᐊᒥᓱᐃᓕᖓᓪᓗᒋᑦ ᖃᐅᔨᓴᕐᓂᐅᖃᑦᑕᖅᓯᒪᔪᓂᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᒻᒪᑕ ᐃᓄᐃᑦ ᓂᕿᒋᕙᒃᑕᖏᓂᒃ ᐊᖑᓇᓱᐊᕈᓐᓇᕐᓂᖅ ᐊᒻᒪᓗ ᓂᕿᖃᖅᐸᔪᓐᓇᕐᓂᖅ ᓇᓗᓇᐃᒻᒪᕆᒃᑐᒥᒃ ᐃᑲᔪᕈᑎᐅᕙᒻᒪᑕ ᓂᕿᒃᓴᕆᓂᐊᖅᑕᒥᓐᓂᒃ ᐱᓯᒪᓕᕆᐊᖅᐸᓐᓂᕐᓄᑦ.

ᑐᕌᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᕈᖅᐸᒃᑐᕐᑯᑎᓄᑦ, ᐱᓗᐊᖅᑐᒥᒃ ᐸᐅᕐᖓᕐᑲᓕᖅᐸᒃᑐᓄᑦ ᐱᕈᖅᑐᓄᑦ, ᓄᑖᖑᓪᓗᓂ ᓄᓇᖅᑲᑎᒌᓄᑦ ᑐᕋᖓᑎᑕᐅᓪᓗᑎᒃ ᑐᓴᐅᓯᖁᑎᓕᐅᖅᐸᓐᓃᑦ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓕᓚᐅᖅᐳᑦ ᐱᓕᕆᐊᖃᖅᑲᑎᒋᔭᐅᓪᓗᑎᒃ ᑕᒪᐃᑎᒍᑦ ᒪᒃᑯᒃᑐᐃᑦ. ᑕᐃᒪᓗ ᐅᖃᓖᒐᐃᑦ, ᑕᐃᔭᐅᓪᓗᑎᒃ "ᐸᐅᕐᖓᐃᑦ" ᐅᖃᓖᒐᓕᐊᖑᓯᒪᓕᓚᐅᖅᐳᑦ ᑐᙵᕗᖃᖅᑐᑎᒃ ᐊᐱᖅᓱᐃᖃᑦᑕᕐᓂᐅᓚᐅᖅᑐᓂᑦ ᐊᒻᒪᓗ ᐱᓕᒻᒪᒃᓴᐃᓂᖃᖅᑐᑎᒃ ᑲᑎᒪᖃᑏᖃᑦᑕᓚᐅᕐᓂᖏᓐᓂᑦ ᐃᓄᑐᖃᕆᔭᐅᔪᑦ ᐊᒻᒪᓗ ᓴᖅᑮᓯᒪᓕᓚᐅᖅᑐᑎᒃ ᐃᓄᐃᓐᓇᖅᑐᑦ ᐋᖅᑭᒃᓱᐊᖑᓪᓚᑦᓯᒪᓕᖅᑐᓂᒃ.

ᑕᐃᒪᓕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓕᕆᐊᖑᑦ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕆᐊᒧᑦ ᐊᒥᓱᐃᓕᖓᓪᓗᑎᒃ ᖃᐅᔨᒪᓂᕐᓂᒃ ᕿᓚᓗᒐᐃᑦ ᖃᓄᐃᓕᕐᓂᖏᓐᓄᑦ, ᐃᓄᕕᐊᓗᐃᑦ ᖃᐅᔨᒪᔨᒻᒪᕆᐅᔪᑦ ᕿᓚᓗᒐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐋᓂᐊᖃᕐᓕᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᓯᒪᓕᓚᐅᖅᐳᑦ ᑲᓇᑕᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ (DFO) ᖃᐅᔨᒋᐊᖅᑕᐅᔪᓵᓂᒃ ᕿᒥᕐᕈᔭᐅᓂᖃᕐᓗᑎᒃ ᔫᓄᐊᕆ 2017-ᒥ.

## “ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᑕᓇᐅᑦ ᐋᖅᑭᐅᒪᓕᕐᓂᖏᑦ” ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᓇᐅᖏᓐᓄᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒪᐃᑯᑦ ᐸᐃᐅᔅ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐳᕈᑎᔅ ᑲᓛᐱᐊ)

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᓇᐅᖓ ᐊᒥᓱᐃᓂ ᐊᔾᔨᒌᙱᑦᑐᖅᑐᓂᒃ ᐆᒪᔪᖅᑯᑎᖅᑲᖅᒪᑦ ᑰᒃᐸᓪᓕᐊᓂᕆᔭᐅᔪᓂ, ᓯᑯᐃᑦ, ᐃᖅᑲᓗᐃᑦ, ᐊᒻᒪᓗ ᑕᓇᐅᒥ ᐆᒪᔪᖅᑯᑎᐅᔪᐃᑦ ᐅᐊᔭᐃᓐᓇᖅᐸᒻᒪᑕ ᓄᓇᖅᔪᐊᖑᔪᑦ ᑭᒡᓕᒋᔭᕆᑦ ᐃᑳᖅᐸᒃᑐᕆᑦ ᑖᓪᓚᒪᐅᔪᓂ ᑕᓇᐅᖅᑲᖅᑐᓂ ᓄᓇᖅᔪᐊᓇᔭᐅᔪᓂ (ᑲᓇᑕ, ᐊᑯᑭᑦᑐᖅ-ᑎᓐᒫᒃ, ᓄᐊᖅᕙᐃ, ᕋᔅ, ᐊᒻᒪᓗ ᐊᒥᐊᓇᑲᒥᐅᑦ). ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓕᖅᑯᑦᑐᕆᑦ ᑲᑐᔾᔨᓂᖅᑲᖅᑐᑎᒃ ᐊᐅᓚᓯᓂᖅᓂᐅᔪᑦ ᑕᐃᒪᓐᓇᐃᑦᑐᓂᒃ, ᔪᓇᐃᑎᑦ ᓅᔅᑯᑦ ᐊᕙᑎᓕᕆᓂᖅᒥ ᐱᓕᕆᐊᖓᑦ (UNEP) ᖁᕝᕙᖅᑎᑦᑎᕆᐊᖅᓯᒪᓕᓚᓚᐅᖅᓚᑕ ᐋᖅᕿᓯᒪᓕᖁᔨᑦᑐᑎᒃ “ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᑕᓇᐅᑦ ᐋᖅᑭᐅᒪᓕᕐᓂᖏᓂᒃ” (RSAs). ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᒧᑦ ᐱᓕᕆᐊᖃᖅᑎᕆᔭᐅᔪᑦ ᓴᖅᑮᓕᓚᐅᕐᓚᑕ ᕋᓴᒥᐅᑦ ᓄᓇᖅᔪᐊᖓᑦ ᐊᑐᖃᑦᑕᕐᓚᑕ ᑲᓐᓇᖓᓂᑦ ᐃᒪᕐᓂᑦ ᓯᑯᖃᙱᓐᓂᖓᓂᒃ ᑕᓇᐅᒥᒃ, ᐊᑯᓐᓂᖏᓐᓂᑦᑐᒥᒃ ᑲᓇᑕᐅᑉ ᐊᒻᒪᓗ ᐊᑯᑭᑦᑐᐃᑦ ᓄᓇᖅᔪᐊᖏᑦ, ᐊᒃᑕᑰᕐᕕᒋᕙᒃᑐᒍ ᖁᓗᐊᒃᑎᑕᐅᔪᑎᓂᒃ ᑐᖁᓐᓇᖅᑐᖅᑲᓕᖅᓯᒪᓪᓗᑎᒃ ᐅᖅᓯᐊᓗᒃᓴᓂᒃ ᐅᓯᔪᓂᒃ. ᑕᒪᓐᓇ ᓵᖅᑭᑕᐅᒻᒪᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᑲᓇᑕᒥᐅᓂᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂᑦ ᑐᓴᕐᓴᓕᓇᔾᔪᓂᑦ ᐱᓕᕆᔾᔪᑎᐅᓗᐊᓕᓚᐅᖅᓯᒪᓪᓕᓪᓚᑕ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ.

## ᐃᑲᔪᖅᑐᐃᓕᖅᓯᒪᓂᖅ ᑐᑭᓯᐊᓂᐅᔪᓂᒃ, ᒪᓕᒐᖅᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓕᖅᑐᓂᒃ ᓂᖅᑭᔅᓴᓂᒃ ᐱᓯᒪᓕᕆᐊᖅᑕᖅᓂᐅᔪᓄᑦ ᓄᓇᕙᒃᒥ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᖅᒥ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑯᓇᔅ ᕗᕐᒧᑦ (ᑐᓇᓐᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ)

ᓂᖅᑭᒋᔅᓴᓂᒃ ᐱᓯᒪᓕᕈᓐᓇᖅᑕᑦᑕᙱᓐᓂᐅᔪᑦ ᐱᔪᐊᓪᒪᓇᒃᑐᒥᒃ ᑭᒃᑯᑐᐃᓐᓇᐃᑦ ᐋᓂᐊᖅᑲᓕᖅᑕᐃᓕᒪᕗᓐᓂᖏᓐᓄᑦ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᓕᖅᓯᒪᕗᖅ ᐅᑦᑐᒥ ᐊᒥᓱᐃᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᒋᔭᐅᔪᓂᑦ. ᐊᕙᑎᐅᑉ, ᐃᓅᓯᓕᕆᓂᐅᑉ ᐱᐅᓯᑐᖅᑲᓕᕆᓂᐅᔪᓄᑦᑐ, ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᒐᕙᒪᓕᕆᓂᐅᕙᒃᑐᓄᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖏᑦ ᐱᔾᔪᑎᒋᑦᑐᕆᑦ ᓄᖅᑲᖅᑎᑦᑎᓯᒪᓕᕆᐊᒃᓴᖏᑦ ᐃᓱᒪᒋᔭᐅᓕᖅᓯᒪᓪᓚᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐃᒡᒐᒥᐅᖅᑎᕇᑦ ᐊᑐᐃᓐᓇᐅᓂᐅᔪᓄᑦ ᐋᓐᓂᐊᖅᑲᓕᖅᓇᙱᑦᑐᓂᒃ, ᖃᓄᐃᓐᓇᙱᑦᑐᓂᒃ ᐊᒻᒪᓗ ᓂᖅᑭᖏᕈᒪᕗᒃᑐᓂᑦ ᓂᓇᔭᒃᓴᖅᑖᖅᑲᖅᑕᕈᓐᓇᖅᓯᖏᓐᓂᒃ. ᐱᓕᕆᖅᑎᕆᓪᓗᑎᑦ ᓄᓇᕗᑉ ᐊᕙᒃᑐᖅᓯᒪᓂᖓ ᐋᓐᓂᐊᖅᑲᖅᓇᙱᑦᑐᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᖏᑦ ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕗᑦ ᒐᕙᒪᖓᑦ, ᐃᓗᒥᐅᖅᑎᕐᑦ ᓂᖅᑭᒋᔅᓴᓂᒃ ᐱᓯᒪᓕᖅᑲᖅᑕᖅᑲᖅᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᐃᓂᖅᑲᓚᐅᖅᐳᑦ ᐊᒻᒪᓗ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᑎᒃ ᑐᑭᓯᕆᐊᕐᕕᒃᓴᖁᑎᑦ ᖃᐅᔨᕆᐊᖅᑕᐅᓚᐅᖅᑐᑎᒃ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕆᐊᖅᑐᕆᑦ ᓯᓇᑦ ᐱᔾᔪᑎᐅᓪᓗᑎᒃ ᓂᖅᑭᒋᔅᓴᓂᒃ ᐱᓯᒪᓕᕈᓐᓇᖅᑕᑦᑕᙱᓕᖕᒋᑦᑕ ᑐᑭᓯᕙᒃᓴᖅᑎᑕᐅᓪᓗᑎᒃ ᒪᓕᒐᖅᑯᑎᐅᔪᓄᑦ ᑐᓴᖅᑎᑦᑎᓯᒪᓕᕆᐊᒧᑦ ᑕᒃᑯᓂᖓ. ᐱᓕᕆᐊᖅᑎᕈᑦ ᖃᐅᔨᓴᖅᓯᒪᔭᕆᑦ ᓇᓗᓇᐃᖅᓯᕆᐊᖅᓯᒪᕗᑦ ᖃᓄᖅ ᐃᓄᐃᑦ ᓂᕿᒋᕙᒃᑕᕆᓂᒃ ᐊᖑᓇᓯᐊᖅᑲᑦᑕᖅᓂᐅᔪᑦ ᐊᒻᒪᓗ ᓂᖅᑭᖅᑲᖅᑲᑦᑕᖅᓂᐅᔪᑦ ᓂᖅᑭᒋᔅᓴᖏᑦ ᐱᓯᒪᓕᕆᐊᖅᑲᑦᑕᖅᓂᖅ ᐃᓚᒋᔭᐅᓂᖅᑲᖅᓪᓚᖏᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕆᐊᒧᑦ ᐃᓗᒥᐅᖅᑎᕐᑦᓂᖅᑭᒥᓂᐊᖅᑕᒥᓐᓂᒃ ᐱᓯᒪᓕᕈᓐᓇᖅᑕᑦᑕᙱᓐᓂᖏᑦ ᐊᑐᐃᓐᓇᐅᕝᕙᐅᔪᑦ ᖁᑦᑎᖕᓂᖏᑎᒧᑦ ᑎᑎᖅᑕᐅᓯᒪᔪᑦ (HFIAS) ᐊᑐᖅᑕᐅᓕᓚᐅᖅᐳᑦ ᖃᐅᔨᓴᐃᓂᖅᑲᖅᓂᖅ.

## ᐅᔭᖅᑕᓇᐊᑦ ᐱᕙᓪᓕᐊᑎᑕᐅᓂᖏᑦ, ᐅᔭᖅᑕᓇᐊᖅᑎᐅᔪᑦ ᐃᓚᒌᑦ: ᐅᔭᖅᑕᓇᐊᖅᑲᑦᑕᖅᑎᐅᓪᓗᑎᒃ ᓴᓇᕝᕚᑦ ᐊᒻᒪᓗ ᑭᒃᑯᑐᐃᓐᓇᐃᑦ ᐱᕙᓪᓕᐊᓂᖅᑲᖅᑎᑕᐅᕙᓐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᓄᓇᖅᑲᖅᑳᖅᓯᒪᔪᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᓯᑏᕙᓐ ᓵᐊᑦ (ᑰᐱᓪᓚᓐ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᑦ)

ᑖᓯᒥᖓ ᐱᓕᕆᐊᒥ ᐱᓕᕆᓂᖅᑲᖅᑐᑎᒃ ᑐᕌᕐᕕᒃᓴᖅᑲᓪᓚ ᐋᖅᕿᓯᓕᕆᔭᖅᓂᖁᑦ ᐱᕙᓪᓕᐊᓂᐅᔪᑦ ᐊᒃᑐᐃᓯᓕᖅᑲᑦᑕᖅᓂᖅᓄᑦ ᖃᐅᔨᒋᐊᕈᑎᐅᓗᑎᒃ ᐱᓕᕆᔾᔪᑎᐅᕙᓕᕋᔭᖅᑐᓂᒃ ᖃᐅᔨᒋᐊᖅᐸᒃᑐᓂᑦ ᓄᓇᓕᐅᔪᒥ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᖏᑦ ᐃᑲᔪᕈᑎᔅᓴᐅᕝᕙᒃᑐᓂᒃ ᐅᔭᖅᑕᓇᐊᖅᑦ ᐊᐅᓚᑦᓯᓂᖅᑲᖅᓂᖏᓐᓂ ᓄᓇᑦᓯᐊᕗᒥ ᐊᒻᒪᓗ ᓄᓇᕙᓪᒥ. ᑯᐃᐸᒃ-ᑳᓇᑐᐊᓇᒥᐅᑦ ᐃᓄᐃᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᕆᔭᐅᔪᑦ ᐊᒻᒪᓗ ᓇᖏᓂᖅ ᐱᓕᕝᕕᒃᖅᑐᑦ ᑐᑦᓱᕐᓚᓚᐅᑎᒃ ᐱᕙᓪᓕᐊᑎᑦᑎᖅᑲᖅᑕᖅᓂᖅᓄᑦ ᐊᒻᒪᓗ ᐊᕙᒃᑐᖅᓯᒪᓂᓇᔭᐅᔪᓂᑦ ᐅᔭᖅᑕᓇᐊᖅᑎᑦ (ᕗᐃᓯ ᐸᐃᒥ ᐊᒻᒪᓗ ᕋᐃᓚᓐ ᐅᔭᖅᑕᓇᐊᖅᕙᕆᓐᓂ) ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᓕᖅᓚᑕ ᐊᒻᒪᓗ ᑐᑭᓕᐅᖅᑕᐅᕙᓪᓕᐊᓪᓗᑎᒃ. ᖃᓄᐃᑦᑐᑎᒧᑦ ᐱᓕᕆᓂᖅᑲᖅᓂᐅᔪᑦ ᓄᓇᓂ ᐊᒻᒪᓗ ᐅᔭᖅᑕᓇᐊᖅᕙᓐᓂ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᖅᑲᖅᑐᑎᒃ ᖃᐅᔨᓴᖅᑕᐅᓂᖅᓚᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᓯᒪᓂᖏᑎᒧᑦ ᐃᓗᒥᐅᖅᑎᕐᑦᑎᖁᔪᑦ ᕿᓇᐅᔭᖅᑐᖅᑲᖅᑕᖅᓂᖏᑦ ᑐᓴᐅᒪᓕᖅᑎᕆᐊᖅᑐᕆᑦ ᐱᕈᖅᑎᑕᐅᕆᐊᒃᑲᓐᓂᕈᓐᓇᖅᑐᑎᒃ ᐅᔭᕐᓂᐊᖅᑲᖅᑕᖅᓂᖅᓄᑦ ᒪᓕᒐᖅᑯᑎᕆᔭᐅᔪᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ. ᓯᕗᓕᖅᒥᒃ ᖃᓄᐃᓕᖅᓯᒪᓂᐅᔪᑦ ᐅᔾᔨᕆᔭᐅᓕᓚᐅᖅᑐᑦ ᐅᑎᖅᑐᒃᓴᖅᑯᑎᐅᔪᑦ ᓴᖅᑭᐸᓪᓕᐊᔪᑦ ᐅᔭᖅᑕᓇᐊᖅᑎᓂᑦ ᓄᓇᓕᐅᔪᓄᑦ ᐊᔾᔨᒌᙱᓐᓂᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕆᐊᖅᑲᖅᓚᑦ ᒪᓕᒃᑎᑕᐅᓗᑎᒃ ᖃᓄᖅ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᓄᑦ ᐅᔭᖅᓂᐊᖅᑎᑦ ᐱᕙᓪᓕᐊᑎᑦᑎᕙᓪᓕᐊᓂᕐᒥᓐᓂ (ᐅᔭᖅᑕᓇᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓂᖅ, ᓴᓇᓂᖅ, ᐊᐅᓚᑦᓯᓂ).

## ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐋᖅᑭᒃᓱᐃᖅᑲᑎᕇᓐᓂᖅ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᖅᑯᑦᑐᕆᑦ ᐊᒻᒪᓗ ᓂᕈᐊᖅᑕᐅᓯᒪᓕᖅᑯᑦᑐᕆᑦ ᐆᒪᔪᓂᒃ, ᐃᓅᓯᓕᕆᓂᖅᒥ, ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᖅᑲᖅᑕᖅᓂᖅᒥ ᓇᓗᓇᐃᒃᑯᑕᐅᓕᖅᓂᐊᖅᑐᓂᒃ ᐅᐊᔭᓕᐅᑉ ᑕᓇᐅᖓᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᑖᓴ ᓗᓯᑐ (ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖓ ᒫᓂᑑᐸ, ᑲᓇᑕᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ ᐊᒻᒪᓗ ᑕᓇᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ - ᑕᓇᐅᙱᑦᑐᓕᕆᓂᕐᒧᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖓᑦ)

ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ ᐊᒻᒪᓗ ᐊᕙᑎᐅᔪᒥᑦ ᐅᔭᖅᓇᐊᖅᑎᒃᑯᑦ ᑕᓪᓗᕈᑎᐸ ᑕᓇᐅᖓᓂ ᐆᒪᓂᖅᑲᖅᑐᓄᑦ ᐊᒃᓯᕈᕐᓇᓕᖅᑎᑦᑎᓯᒪᓕᕐᓚᑕ. ᐊᒥᓱᐃᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᕐᒃᖅᑐᓂᒃ (MEB) ᐱᓕᕆᓂᖅᐸᓪᓕᐊᓕᖅᐳᑦ ᐃᓚᑰᓂᖅᑲᕐᕕᐅᔪᑦ ᖃᐅᔨᒪᓂᕐᓄᑦ ᐱᓕᕆᔾᔪᑎᖏᑦ ᐃᓄᐃᑦ ᐊᒻᒪᓗ ᖃᓪᓗᓈᑦ ᓄᓇᖏᓐᓂᑦ ᖃᐅᔨᓴᕐᑎᓪᓚᕙᐅᔪᓄᑦ ᐃᑲᔪᕈᑎᒃᓴᓂᒃ ᑲᑎᓯᒪᓕᖅᑎᑦᑎᓪᓗᑎᒃ ᐋᖅᑭᓯᒪᓕᕋᔭᖅᑕᖅᑐᑦ ᓇᓗᓇᐃᒃᑯᑕᐅᕙᒃᑐᓂᒃ ᓇᐅᑦᓯᖅᑐᐃᓂᖅ ᐅᒪᓂᖅᑐᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑐᖏᓐᓄᑦ. ᓯᕗᓪᓕᖅ ᐱᓕᕆᓂᖅᑐᐊᕐᒥ, ᓇᓗᓇᐃᒃᑕᓇᔭᐅᔪᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᐊᖅᑎᓪᓗᑎᒃ ᖃᓪᓗᓈᑦ ᐋᓂᐊᖅᑲᕐᐸᓐᓂᖏᓐᓄᑦ ᐋᖅᑭᒃᓱᐊᖑᔭᓕᕐᓚᑕ. ᑐᓪᓕᖓ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᖏᓐᓂ, ᐊᒥᓱᐃᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᕐᒃᑯᑎᓂᒃ ᐱᓕᕆᔾᔪᑎᖃᕐᓗᑎᒃ ᐃᓚᐅᖅᑲᐃᕙᓪᓕᐊᓂᖃᕐᓂᖅᐸᑦ ᐃᓅᓯᓕᕆᓂᖅᒥ, ᐊᕙᑎᓕᕆᓂᖅᒥ ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᖅᒧᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ. ᑕᐃᒪᙵᓂᑦ ᔫᓂ 2017-ᒥᑦ, ᐃᓄᕙᐊᓗᐃᑦ ᖃᐅᔨᒪᓂᖅᑲᖅᓂᖅ ᕿᓚᓗᒐᐃᑦ ᐆᒪᓂᖅᑲᖅᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐋᓐᓂᐊᖅᑲᖅᑎᑕᐅᑕᐃᓕᓂᕆᓐᓄᑦ ᐃᓚᔭᐅᖅᑕᐅᓯᒪᓕᓚᐅᕐᓚᑕ ᑲᓇᑕᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᑕᓇᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ (DFO) ᖃᐅᔨᓴᖅᑎᒃᓴᐅᔪᓂᒃ ᕿᒥᕐᕈᐃᓪᓕᐊᔾᔪᑎᒃᓴᖏᓐᓄᑦ.

## ᐱᐅᓯᕆᐊᖅᑎᑦᑎᓂᖅ ᓄᓇᓕᐅᔪᓂᑦ ᐊᕙᑎᓕᕆᓂᕐᒥ ᓇᐅᑦᓯᖅᑐᐃᓂᖃᕐᓂᖅ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐱᓕᕆᐊᖃᕈᑎᓪᓗᒋᑦ ᓄᓇᓕᒋᔭᐅᔪᓂ ᐊᒻᒪᓗ ᐊᑲᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᖃᐅᔨᒋᐊᖃᑦᑕᕐᓂᐊᕐᓂᕐᒧ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑦᑎᒋᐊᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᒍᕋᐃᒡ ᕼᐃᐊᓐᓇ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐳᕈᑎᔅ ᑲᓚᒻᐱᐊ)

ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐊᒥᓱᙳᖅᐸᓪᓕᐊᓂᖏᑕ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᐅᓕᖅᑐᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᑎᑦᑎᓂᖃᕐᒪᑕ ᓱᒃᑲᓗᐊᒻᒪᕆᒃᑐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ. ᐱᓕᕆᖃᑎᒋᓪᓗᒋᑦ ᓄᓇᓕᖃᖅᑐᑦ, ᐱᐅᓯᑐᖃᒃᑯᑦ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᐆᒪᔪᓂᒃ ᖃᐅᔨᒪᓂᖃᖅᑐᑎᒍᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓪᓚᕆᐅᔪᑦ ᐱᓕᕆᐊᖃᕈᓯᕆᕙᒃᑕᕐᕿᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᓯᒪᓕᖅᐳᑦ ᐅᑭᐅᓯᒪᓕᖅᑐᓂ ᐊᒥᓯᑦᓚᐅᔪᓂ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᓂ ᐊᕙᑎᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᖏᓐᓄᑦ ᐊᑐᓂ ᓯᑕᒪᐅᓪᓗᑎᒃ ᐃᓄᐃᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓂ , ᑐᑭᖕᕕᒃᖅᑎᑕᐅᓪᓗᑎᒃ ᐱᕈᖅᐸᒃᑐᓕᕆᓂᕐᓄᑦ, ᐱᓗᐊᖅᑐᒥᒃ ᐸᐅᕐᖓᖃᓕᖅᐸᒃᑐᓄᑦ ᐱᕈᖅᑐᓄᑦ. ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᓂᖏᑦ ᓄᑖᙳᐊᓪᓗᑎᒃ ᓄᓇᖅᑲᑎᒌᓄᑦ ᑐᑭᖓᒐᓗᑎᒃ ᑐᓴᒐᔅᓴᓕᓐᓂᐊᕐᑎᑦ, ᐃᓚᐅᖃᑕᐅᓂᖃᖅᑎᑦᑐᑎᒃ ᒫᑯᑐᐃᑦ ᐱᓕᕆᐊᖑᓂᓕᒫᖏᓐᓂ, ᓄᓇᖅᑲᑎᒌᖑᔪᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᔪᓐᓇᖅᓯᓂᐊᖅᑐᑦ ᐊᒻᒪᓗ ᐊᑐᖃᑦᑕᓕᑐᑎᑦ ᓇᖏᓂ ᕿᒥᕈᐃᓂᖃᕐᓯᒪᓂᕐᒥᓐᓂᒃ ᐸᕐᓇᐅᑎᓕᐅᖅᐸᓪᓕᐊᓂᕐᒥᓂ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᕙᓐᓂᕐᒥᓐᓂ. ᐱᔭᕇᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᐅᖃᓖᒐᐃᑦ, ᑕᐃ.ᐅᑦᑐᑎᒃ "ᐸᐅᕐᖓᐃᑦ", ᑐᙵᕕᒃᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐊᐱᖅᓱᐃᓂᐅᖃᑦᑕᓚᐅᖅᑐᓄᑦ ᐊᒻᒪᓗ ᑲᑎᒪᓂᖃᖅᑎᖃᖃᑦᑕᕐᓂᕐᓄᑦ ᐃᓇᑐᖃᐅᔪᒃ ᐊᒻᒪᓗ ᒫᒃᑯᓂᒃ ᖁᑦᑐᖅᑑᕐᒥ, ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᓯᒪᕗᑦ Ꮷᑯᐊ ᐱᓕᕆᓂᖃᕆᑎᐅᔭᓇᕐᓂᖏᑦ ᐱᓕᕆᐊᖃᖃᑎᖃᖃᑦᑕᓕᕐᓂᒃᓴᓄᑦ ᒫᑯᑐᖏᓂᒃ ᐃᓄᐃᑦ ᐱᓕᕆᖃᑎᖃᖅᐸᒃᑐᑎᒃ ᐃᓄᑐᖃᓇᔭᒥᓂᒃ ᐊᒻᒪᓗ ᐃᓕᑦᑎᕙᓪᓕᐊᔾᔭᑎᕆᓕᕐᑐᕆᑦ ᐃᓐᓄᐊᖅᑐᑦ ᐅᖃᐅᓯᖏᓐᓂᒃ.

## ᖃᕋᓴᐅᔭᒃᑯᑦ ᓇᓗᓇᐃᖅᓱᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᓂᒃ ᐊᐅᓚᑦᓯᓂᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒪᓇᓐᓄᑦ ᐊᑐᖅᑕᐅᔪᒃᓴᓂᒃ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑎ: ᐃᐊᓪᕗᐊᑦ ᓚᑐᕌ (ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᕗᐊᑐᕐᔫ)

ᖃᕋᓴᐅᔭᒃᑯᑦ ᓇᓗᓇᐃᖅᓱᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᐃᑦ (PDC, www.polardata.ca) ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓂ ᕗᐊᑐᕐᔫ ᐃᓚᒋᐅᕐᑲᑕᐅᕗᑦ ᑲᓇᑕᒥ ᓯᕗᓪᓕᐅᓪᓗᑎᒃ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑎᖅᑲᕐᕕᐅᕙᑦᑐᓂᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒻᖅᑖᕐᕕᐅᕙᒃᑐᓂᑦ ᖃᐅᔨᓴᐃᓂᓕᕆᓂᕐᒧᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓂ.

ᑖᒃᑯᐊ ᖃᕋᓴᐅᔭᒃᑯᑦ ᓇᓗᓇᐃᖅᓱᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᖁᑏᑦ ᐱᐅᓯᕆᐊᕈᑎᐅᒪᓪᓚ ᑐᑭᓯᕆᐊᕐᕕᒃᓴᖁᑎᓂᒃ ᐊᐅᓚᑦᓯᓂᐅᔪᓄᑦ ᐃᑲᔪᕈᑎᐅᓂᖕᒋᓐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕐᓂ ᖃᐅᔨᓴᖅᑎᒪᓪᓚᕆᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑐᓄᑦ. ᑖᒃᑎᒎᓇᖅ ᐱᓕᕆᐊᖑᑲᐃᓐᓇᖅᑐᑎᒍᑦ ᕿᓂᓕᖅᓯᒪᕗᑦ ᐱᓯᒪᓕᕆᐊᒃᓴᒥᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕆᒃᑯᑦ ᐊᑯᓃᖅᑐᒧᑦ ᑐᑭᓯᐊᕐᕕᒃᓴᖁᑎᖃᓕᖅᑎᑦᑎᓇᔭᕐᓂᖅᑕ ᖃᕆᑕᐅᔭᑎᒍᑦ ᐱᑐᔪᒪᕕᐅᔪᑎᒍᑦ ᑐᓂᓯᒪᖃᑦᑕᐅᑎᓕᕋᔭᕐᓂᐅᓄᑦ ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᓕᖅᑎᑕᐅᓕᕐᓂᖅᓵᖅᖏᓐᓄᑦ, ᐊᒻᒪᓗ ᐊᖏᓪᓕᕆᐊᖅᑎᑦᑎᓂᕐᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖅᑎᑦᑎᓂᕆᑦ ᑐᑭᓯᐊᕐᕕᒃᓴᖁᑎᖏᑦ ᑕᑯᓴᐅᓕᖅᓯᒪᓇᔭᕐᓂᖏᑦ ᐊᑦᑕᑦᕿᕕᐅᔪᑎᒍᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᒥᖁᑎᕆᔭᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᑐᑭᓯᓂᐊᕐᕕᒃᓴᖁᑎᓂᒃ ᑎᑎᖅᑲᓂᒃ ᐊᐅᓚᑦᓯᓂᐅᕙᑐᓄᑦ. 2016-ᒥ, ᓄᑖᑎᒍᑦ ᐃᓚᒋᔭᐅᒃᑕᐅᓕᕐᓂᐅᔪᑦ ᓯᓚᕐᔪᐊᓕᒫᒥ ᖃᐅᔨᓴᖅᑎᒪᓪᓚᕆᐅᔪᑦ ᑐᑭᓯᓂᐊᕐᕕᒃᓴᖁᑎᖏᓐᓄᑦ ᑲᑎᒪᔩᑦ ᓇᓗᓇᐃᖅᓯᒪᓕᓚᐅᕐᒪᑕ ᖃᕋᓴᐅᔭᒃᑯᑦ ᓇᓗᓇᐃᖅᓱᖅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖃᕐᑎᑎᐅᔪᑦ ᒪᓕᑦᑎᐊᖅᑎᑕᐅᓯᒪᓪᓚᑕ ᖁᑦᑎᖕᓂᖅᐸᐅᔪᑎᒍᑦ ᑐᑭᓯᓂᐊᕐᕕᒃᓴᖁᑎᓂᒃ ᐊᐅᓚᑦᓯᓂᐅᔭᓇᐊᓕᓐᓂᒃ, ᒥᐊᓂᕆᔭᐅᓂᖏᓐᓂᒃ, ᐊᒻᒪᓗ ᐱᑦᓯᐊᖅᑑᔭᓇᐊᖃᕐᓂᖏᓐᓂᒃ.

## ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑦ ᐋᖅᑭᒃᓱᐃᖃᑎᒌᓐᓂᐅᓕᕋᔭᖅᑐᓄᑦ ᐱᕈᒃᑲᓐᓂᕈᓐᓇᖅᑐᓕᕆᓂᕐᒧᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑐᖓᑕ ᑕᕆᐅᕐᒥᐅᑦ ᓄᓇᓕᒋᔭᐅᔪᓂ

ᐱᓕᕆᐊᒧᑦ ᓯᕗᓕᖅᑏᒃ: ᑐᕆᕗᕐ ᐱᐊᑦ (ᒥᒧᐊᕆᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ) ᐊᒻᒪᓗ ᑖᓄᑦᑦ ᕗᐊᕐᔅ (ᐱᕈᒃᑲᓐᓂᕈᓐᓇᖅᑐᓕᕆᔨᑦ ᑲᓇᑕᒥ - ᑲᓇᑕᒥ ᓄᓇᐅᔪᓂᒃ ᖃᐅᔨᓴᐃᔩᑦ)

ᑖᒃᑯᑎᒎᓇᖅ ᐱᓕᕆᐊᖑᔪᒃᑯᑦ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᕗᑦ ᐱᓕᕆᔾᔪᑎᒃᓴᐅᓕᕐᓂᐊᖅᑐᓂᒃ ᓄᓇᓕᐅᔪᒥ ᖃᐅᔨᒪᓂᖃᓪᓕᕆᒃᑐᓄᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᓐᓂᒃ ᓇᐅᑦᓯᖅᑐᐃᔨᐅᕙᓐᓂᐊᖅᑐᓂᒃ ᑕᕆᐅᒥ ᖃᓄᐃᓕᖓᓂᐅᔪᓄᑦ (ᐊᓄᕆᒧᑦ, ᐊᖅᑯᓇᕐᓂᖓᓄ, ᑕᕆᐅᒥ ᓯᑯᓄᑦ), ᑕᕆᐅᒥ ᐅᔪᕆᐊᓇᖅᓯᓯᒪᓂᐅᕙᒃᑐᓄᑦ (ᓯᑯ ᓯᖁᑦᑎᓕᖅᑎᑦᑐᒍ ᐊᒻᒪᓗ ᓯᓚᑐᑐᐊᕐᓂᖓᓄᑦ ᑰᕕᐅᓯᒪᓕᖅᐸᓪᓕᐊᓂᕐᓄᑦ, ᓯᒡᔭᐃᑦ ᓄᖑᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ, ᓯᑯᑦ ᐃᕗᕙᓪᓕᐊᕙᓂᖏᓐᓄᑦ), ᐊᒻᒪᓗ ᓄᓇᒥ ᐅᔪᕆᐊᓇᖅᓯᒪᓕᕐᓂᐅᕙᒃᑐᓄᑦ (ᐊᖑᒋᐊᕐᕕᐅᔪᑦ ᐋᖅᑭᐅᒪᔪᓐᓃᖅᓯᒪᓂᖏᓐᓄᑦ, ᒪᕋᐅᑉ ᓄᓇᐅᑉ ᐃᑎᓕᖅᐸᓪᓕᐊᓂᖓᓄᑦ, ᐊᒻᒪᓗ ᐊᐅᒃᐸᓪᓕᐊᓂᕐᒥᑦ ᑲᑎᕙᓪᓕᐊᓂᖃᕐᓂᐅᔪᓂᒃ), ᐃᑲᔪᖅᑕᐅᓯᒪᓂᖃᕐᑐᑎᒃ ᖃᓄᑕᐅᔭᑎᒍᑦ ᐊᔾᔨᓕᐅᖅᓯᒪᔪᓂᑦ ᐊᒻᒪᓗ ᓄᓇᙳᐊᓕᐊᖑᓯᒪᔪᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖃᖅᑎᑦᑎᔾᔪᑎᓯᔭᐅᔪᓂᑦ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖃᖃᑎᒌᓐᓂᐅᔪᑦ ᑐᓴᐅᒪᑎᑦᑎᕙᓪᓚᑕ ᐊᐅᓚᑦᓯᔮᐅᔪᓄᑦ ᐃᖏᕐᕋᔾᔪᑎᓂᒃ, ᐃᒡᒍᑦᔪᐊᑦ ᐋᖅᑭᐅᒪᓂᕆᔭᕆᓂᒃ, ᐊᖏᕐᕋᕆᔭᐅᑦᑐᑎᒃ ᐃᒡᒍᑦᔪᐊᓄᑦ, ᐱᐅᓯᑐᖅᑲᒥ ᐱᒻᒪᕆᐅᑎᑕᐅᔪᓄᑦ, ᑕᕆᐅᒥ ᓯᑯᒃᑯᑦ ᐅᐊᔭᖅᐸᓐᓂᕐᓄᑦ, ᐊᒻᒪᓗ ᓂᕿᕆᔭᒃᓴᓂᒃ ᐱᓯᒪᓕᖅᐸᓐᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂ ᓄᓇᓕᕆᔭᐅᔪᓂ. ᑖᒃᑯᐊ ᐱᓕᕆᐊᖃᕈᑎᒃᓴᐃᑦ ᐋᖅᑮᓯᒪᓕᕈᑎᐅᒪᓪᓚ ᓴᓚᒃᓴᐅᑎᑖᕆᓯᒪᓪᓗᒍ ᐱᓕᕆᔾᔪᑎᒥᒃ ᑕᐃᔭᐅᑦᑐᓂ 'SmartICE'-ᐱᓕᕆᐊᕐᒥᒃ, ᐃᓄᓐᓂᑦ ᖃᓄᐃᑦᑑᓂᐊᕐᓂᖓ ᐋᖅᑭᒃᓱᐊᖑᖃᑕᐅᓚᐅᖅᑐᓂ, ᓴᖅᑮᔾᔪᑎᐅᕙᒃᑐᓂ ᐊᑐᕐᓂᖅᑐᒻᒪᓗᑎᒍᑦ ᑐᓴᐅᒃᓴᑯᑎᓂᒃ ᑕᕆᐅᒥ-ᓯᑯᒥ ᖃᓄᐃᓕᖓᓂᐅᔪᓄᑦ; ᑕᒪᒃᑯᐊ ᑐᓴᐅᒃᓴᐃᑦ ᐊᑐᐃᓐᓇᐅᕙᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ ᓄᓇᓕᖓᓂ ᓇᐃᓂᐅᑉ ᐊᒻᒪᓗ ᒥᑦᑎᒪᑕᓕᐅᑉ ᑕᕆᐅᑉ ᓯᑯᖓᑎᒌᕐᓂᐊᖅᑐᓄᑦ ᐱᐅᓯᕆᐊᕈᑎᒃᓴᐅᑎᒃ ᐃᖏᕐᕋᓂᖃᕐᓂᐊᕐᓂᖏᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕈᑎᒃᓴᐅᑎᒃ.

### ᐃᖏᕐᕋᑦᑎᐊᖅᑎᑕᐅᓯᒪᓂᑯᓄᑦ ᐅᓂᒃᑳᑦ

ᑎᓯᐱᕆ 2016-ᒥ, ᐱᓕᕆᔾᔨᑦ SmartICE ᐱᓕᕆᐊᒥ (ᑕᕆᐅᒥ ᓯᑯᒥᒃ ᓇᐅᑦᓯᖅᑐᐃᓂᖅ ᐊᒻᒪᓗ ᐊᑐᓕᖅᓯᒪᔪᓄᑦ ᑐᓴᐅᒃᓴᐅᔪᑦ ᑕᕆᐅᒥ ᐊᕙᑎᕆᔭᐅᔪᓄᑦ) ᐃᓚᑕᓇᔭᐅᔾᔪᑎᓂᒃ ᐱᑎᑕᐅᓚᐅᕐᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᔾᔪᐊᕈᒥᖃᖅᑐᓂᒃ ᐱᓕᕆᓯᒪᓂᖏᓐᓄᑦ ᓵᓚᒃᓴᐅᑎᓂᒃ ᐱᓕᕆᓂᖃᕈᓐᓇᕐᓂᖏᓐᓄᑦ ᖃᐅᔨᒪᓂᐅᔪᓂᒃ ᐊᑐᕐᒧᑎᒃ ᐱᓕᕆᐊᖃᕐᑎᑦᑎᔪᓐᓇᕐᓂᕐᒥᒃ ᐃᑲᔪᕈᑎᐅᑦᑐᑎᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᕐᒥᐅᓄᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖕᒋᔭᐅᔪᓄᑦ. ᑲᑎᑦᑐᒃᑖᖅᑐᕆᑦ, ᑖᒃᑯᐊ ᐱᓕᕆᐊᖑᔪᑦ ᓵᓚᒃᓴᐅᑎᑖᓚᐅᖅᐳᑦ $400-ᑕᐅᓴᓐᑖᓚᓂᒃ ᐱᔾᔪᓯᕋᕈᑎᒥᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓕᒫᓄᑦ ᐊᖏᓪᓕᕆᐊᖅᑎᑦᑎᔾᔪᑎᒃᓴᖏᓐᓂᒃ.

*"ᐃᒻᒪᖄᓕ ᐱᓕᕆᔾᔪᑎᑦ "SmartICE ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᔾᔪᑕᐅᕙᓕᕋᔭᖅᑐᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ, ᖃᐅᔨᓴᐃᖃᑎᖃᕐᑐᑎᒃ ᓄᓇᖅᑲᑎᒌᖑᔪᓂᒃ ᐱᓕᕆᐅᑎᓪᓗᒋᑦ ᓄᓇᖅᑲᑎᒌᖑᔪᑦ."*

-ᑐᕆᕗᕐ ᐱᐊᑦ, ᐃᓕᓴᐃᔨᕐᔪᐊᖅ ᒥᒧᐊᕆᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᓂ, ᐊᒻᒪᓗ ᐱᓕᕆᔾᔪᑎᓄᑦ SmartICE-ᓂᒃ ᓯᕗᓕᖅᑎᕆᔭᐅᔪᖅ

# ᐃᓕᓐᓂᐊᖅᑐᓕᕆᓂᖅ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᖅᑕᑦᑕᕐᓂᖅ

## ᐱᔫᒥᓵᕆᓂᖅ ᒫᒃᑯᒃᑐᕐᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᖅᑎᒪᓇᐅᓕᕈᒫᖅᑐᓂᒃ

ᐊᒥᓱᐃᓕᖓᔪᑎᒍᑦ ᐱᓕᕆᖃᑎᖃᕐᓂᕐᑎᒍᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᒥ ᐃᓕᓐᓂᐊᕗᓂᒃᓯᒪᔪᑦ ᐱᓕᕆᐊᖑᓐᓂᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᓛᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑎᒍᑦ, ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᖃᕐᑲᑦᑕᖅᐳᑦ ᐅᖓᑖᓄᑦ 350-ᓂᒃ ᐃᓄᙳᓂᒃ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᖑᔪᓂᒃ, ᐊᒻᒪᓗ ᐱᐅᓪᓚᕆᒃᑑᕙᒃᑐᓂ ᐅᑭᐅᑕᒦᑦ ᑲᑎᒪᕖᔾᔪᐊᕐᓂᖃᖅᐸᓐᓂᕐᒥᒃᑎᒍᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᓛᑦ ᐊᖏᔫᒪᕆᖕᒥᒃ ᐊᒃᑐᐃᓯᒪᓂᖃᕐᓚᖅᐳᑦ ᐸᕐᓇᐃᕙᓪᓕᐊᓂᖃᕐᓂᕐᒥᓐᓂ ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒪᓇᐅᔪᓄᑦ ᓯᕗᓕᖅᑎᐅᓕᕈᒫᖅᑐᓂᒃ.

## ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᕐᓂᐅᔪᑦ

### ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒐᑦ

ᑕᕆᐅᑉ ᐃᒪᖕᒐᓃᒃᑲᓗᐊᕈᑎᒃ, ᐅᑭᐅᖅᑕᖅᑐᑉ ᓄᓇᖕᒐᓃᒃᑲᓗᐊᕈᑎᒃ, ᓯᑯᐊᓘᖕᒋᓐᓇᖅᑐᒦᒃᑲᓗᐊᕈᑎᒃ ᐊᒻᒪᓗ ᓯᑰᓯᒪᓂᒃᑰᕋᓗᐊᕈᑎᒃ, ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᓐᓂᒃᑳᓗᐊᕈᑎᒃ, ᐅᕝᕙᓘᓐᓃᑦ ᐅᐸᒍᑎᓯᒪᕐᑲᑕᐅᒐᓗᐊᕈᑎᒃ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐃᓕᓐᓂᐊᕿᐱᔭᐅᔪᓂ ᐊᒻᒪᓗ ᑲᑎᒪᓂᕐᑲᖅᑎᑦᑎᓂᐅᔪᓂ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᒫᑯᒃᑑᓪᓗᑎᒃ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔭᖕᒋᑦ ᐱᓕᕆᓲᖑᒍᑦ, ᐅᖃᑦᓚᐅᑎᖅᑐᑎᒃ ᐊᒻᒪᓗ ᓴᖑᓐᓂᐊᕈᑎᖃᖅᐸᒃᑐᑎᒃ ᐱᐅᓂᖅᐸᐅᓪᓗᑎᒃ ᑲᓇᑕᒥᐅᓂᑦ ᐊᒻᒪᓗ ᐊᓯᖕᒋᓐᓂᑦ ᓄᓇᕐᔪᐊᖑᔪᓂᑦ ᖃᐅᔨᒪᔨᒪᓕᕆᔭᐅᔪᓂᒃ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᐊᕙᑎᓕᕆᓂᐅᔪᑦ, ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒪᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᐅᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ. ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᓚᐅᕐᒪᑕ ᐅᐱᓐᓇᓪᓚᕈᒃᑑᑉᓗᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᑯᓐᓇᑦᑎᐊᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᒃ (ASA), ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᓪᓗᕐᑲᖅᑎᑕᐅᓂᖕᒋᓐᓂᒃ ᐱᓕᕆᐊᕐᑲᖅᑎᐅᕙᒃᑐᑎᒃ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᖅᑎᒪᓖᑦ ᑲᑎᒪᓂᕐᑲᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᑲᑎᒪᓂᕐᑲᖅᐸᒃᑎᓪᓗᒋᑦ ᐅᖃᓪᓚᐅᓯᖅᑲᕐᓂᐊᖅᑐᑎᒃ ᖃᓄᖅ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᖃᐅᔨᓴᕐᑎᖕᒋᑦ ᐱᓕᕆᐊᕐᑲᖅᑎᐅᔪᑦ ᐱᓯᒪᓕᕈᒪᔭᖕᒋᓐᓄᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕈᓐᓇᕐᒪᖔᑕ.

ᐅᖓᑖᓄᐊᖅᑐᑦ 70 ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᑦ, 325 ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᕌᓂᒃᓯᒪᐅᑎᖃᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᕌᓂᓚᐅᖅᑐᕕᓃᑦ ᖁᑦᑎᖕᓂᖅᓴᐅᔪᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᓕᖅᓯᒪᔪᑦ, ᐊᒻᒪᓗ 510 ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔪᑦ ᐊᒻᒪᓗ ᓴᓇᕿᑎᓕᕆᓂᕐᒥ ᐃᖅᑲᓇᐃᔭᖅᑎᒋᔭᐅᔪᑦ ᒫᓐᓇᐅᔪᒥ ᐱᔭᕇᖅᐸᑦᓕᐊᓕᖅᐳᑦ ᐃᓕᓐᓂᐊᖅᑎᑕᐅᓂᕐᒥᓐᓂᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐱᓕᕆᓂᕐᑲᕐᓂᕐᒥᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᑦ ᐊᔾᔨᕐᑲᕋᑎᒃ ᐊᒥᓯᐃᓕᖕᒐᔪᑎᒍᑦ ᐱᓕᕆᐊᕐᑲᕐᓂᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᐃᖅᑲᓇᐃᔭᕐᕕᐅᔪᓂᑦ ᐃᖅᑲᓇᐃᔭᕆᐊᖅᓯᒪᓂᕐᑲᖅᑐᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥ ᐱᓕᕆᐊᕐᑲᖅᑎᕆᔭᐅᓂᕐᒥᓐᓄᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᕿᓇᐅᔭᕐᑯᑎᔅᓴᖅᑖᕐᕕᐅᕙᒃᑐᑦ ᐃᑲᔪᖅᓯᒪᓕᖅᐳᑦ ᐊᒥᓯᑲᑦᓚᒻᒪᓇᐅᔪᒃ ᐱᓕᕆᐊᕐᑲᖅᑎᑦ ᐃᓕᓐᓂᐊᖅᑎᖕᒋᑕ ᐃᓚᖕᒋᔭᐅᕐᑲᑕᐅᔾᔪᑎᒃᓴᖕᒋᓄᑦ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒧᑦ ᐃᓕᓐᓂᐊᕐᕕᓐᓄᑦ, ᐃᓕᓐᓂᐊᕈᑎᓄᑦ ᐊᒻᒪᓗ ᐃᓚᑦᓯᕙᑦᓕᐊᔾᔪᑎᐅᑦᑐᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ. ᑖᒃᑯᐊ ᐊᒥᓯᑲᑦᓚᐅᑦᑐᑎᒃ ᒫᑯᒃᑐᐃᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᓐᓄᑦ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔪᑦ ᐱᓕᕆᐊᕆᓯᒪᔭᖕᒋᑦ ᐱᑕᖃᓕᕈᑎᐅᕙᒃᐳᑦ ᓈᒻᒪᒃᓯᐊᖅᑐᒧᑦ ᑐᑭᒧᐊᒍᑎᒃᓴᐅᓕᕐᓂᐊᖅᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᑲᕐᐊᓐᓂᕐᓂ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓂᕐᑲᕐᓂᕐᒥ ᐊᒻᒪᓗ ᑎᒍᒥᐊᖅᑎᕆᔭᐅᓂᕐᒥ ᐊᓯᔾᔨᖅᐸᑦᓕᐊᕋᓚᖅᑰᑦᑐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ.

### ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᓵᓚᒃᓴᐅᑎᑖᖅᓯᒪᓪᓗᑎᒃ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐱᓕᕆᐊᖑᑦ ᓴᖅᕿᓯᒪᓕᓚᐅᕐᒪᑕ ᐅᐊᑖᓄᑦ 150-ᓂᒃ ᖁᑦᑎᖕᓂᖅᓴᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐃᓚᓴᐃᔾᔨᔭᐅᔪᓂᒃ, 30%-ᑎᖏᑦ ᑖᒃᑯᓈᖖᖑᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᒍᓪᓗᑎᒃ, ᖃᐅᔨᓴᐃᓂᖅᑲᕐᓂᐅᕙᒃᑐᓄᑦ ᑲᓇᑕᐅᑉ ᐅᖓᓯᒃᑑᑉᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᖑᓄᑦ ᐃᓚᒋᔭᐅᓕᖅᑎᑦᑐᒋᑦ ᐅᒥᐊᕐᔪᐊᒃᑯᑦ ᐋᒪᓐᓴᓐ ᖃᐅᔨᓴᓇᐊᖅᑎᑦᑎᓂᐅᔪᓄᑦ.

ᐅᖓᑖᓄᑦ ᖁᓕᑦ ᐅᑭᐅᓄᑦ, ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᓴᖅᑮᔾᔭᐅᕐᑲᑦᑕᖅᓯᒪᓕᕐᓚᑦ ᐊᔾᔨᖅᖕᒋᑦᑐᓂᒃ ᑲᓇᑕᒥ ᐃᑲᔪᓕᕆᐊᕈᑎᐅᑦᑐᑎᒃ ᐱᓕᕆᐊᖑᔪᓂᒃ ᑐᕋᖕᖑᑎᑕᐅᕙᒃᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᔾᔪᑎᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᖁᑦᑎᖕᓂᖅᓴᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖏᓐᓂ ᐃᓚᖁᓂᖅᑲᕐᕕᐅᔪᑦ ᐋᖅᑭᕆᐊᖅᓯᒪᓕᕈᑎᖏᓐᓂᒃ.

ᐃᓚᐅᑎᑦᑐᒋᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᓂ ᐱᓕᕆᐊᖑᕙᒃᑐᓄᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ CCGS ᐋᒪᓐᓴᓐᒥ ᐃᑭᒪᑦᑐᑎᒃ, ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᑲᔪᓯᑦᑐᑎᒃ ᐊᖏᕐᓕᕆᐊᖅᑎᑦᑎᕙᒃᑐᑦ ᑎᑭᖅᑲᓕᖅᑕᒥᓐᓂᒃ ᐋᖅᑭᒃᓯᐃᓯᒪᓂᕐᒥᒃᑎᒍᑦ ᐸᕐᓇᐅᑎᓕᐊᕐᒍᓯᒪᔪᑎᒍᑦ ᐱᓕᕆᐊᕐᑲᑎᓖᓐᓂᐅᓕᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐊᖏᕐᓕᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᓂᖏᑎᒍᑦ ᐱᓕᕆᐊᕐᑲᕐᓂᐅᕙᒃᑐᓂᒃ.

### ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᓯᑯᒥᖅᑲᑎᒌᒃᑎᑕᐅᕙᓐᓂᖏᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᑦ ᐱᓕᕆᐊᕐᑲᕐᑲᑎᖅᑲᓕᖅᓯᒪᔾᔪᑦ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᓯᑯᒥᖅᑲᑎᒌᒃᑎᑕᐅᕙᓐᓂᖏᓐᓂᒃ ᐃᖅᑲᓇᐃᔭᕐᕕᖕᖑᓐᓂᒃ (SOI) - ᓵᓚᒃᓴᐅᑎᑖᖅᓯᒪᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᒥᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᕙᓐᓂᕐᒥᓐᓂ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂᒃ ᒫᑯᒃᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᑦ ᐱᒻᒪᕆᐅᔫᓂᖏᓐᓂᒃ ᐃᓚᐅᖅᑕᐅᕝᕕᐅᕙᒋᐊᖏᑦ ᐊᒻᒪᓗ ᓴᖅᑮᔾᔭᐅᕙᒃᑐᑎᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᔾᔪᑎᒥᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᑦ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᔪᑦ ᑲᑎᒪᓂᕐᑲᖅᑎᓪᓗᒋᑦ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᐅᓪᓗᕐᑲᖅᑎᑕᐅᑎᓪᓗᒋᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᑦ ᐱᕈᖅᑎᑦᑎᕙᓪᓕᐊᒻᒪᑕ ᓄᑖᑎᒍᑦ ᐱᓕᕆᖅᑎᖅᑲᕐᓂᒃᓴᒥᓐᓂᒃ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᓯᑯᒥᖅᑲᑎᒌᒃᑎᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖕᖑᓐᓂᒃ ᐊᖏᕐᓕᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑦᑐᑎᒃ ᐃᓚᒋᔭᐅᖅᑕᐅᕙᓐᓂᖏᑦ ᒫᑯᒃᑐᖏᑦ ᐃᓄᐃᑦ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᐃᔭᖅᑐᕐᓯᒪᓂᐅᕙᒃᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓂᐊᕐᑐᑎᒃ 2017-ᒥ.

# ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔩᖃᑎᒌᖕᒐᑦ

ᑭᒃᒐᖅᑐᖅᑐᑎᒃ ᐅᖕᒐᑖᓃ 380 ᐃᓕᓐᓂᐊᖅᑎᓂᑦ ᐊᒻᒪᓗ ᓘᑦᑖᙳᓂᕐᒍᑦ ᐃᓕᓐᓂᐊᕐᑲᑕᐅᔪᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔩᖃᑎᒌᖕᒐᑦ (ASA) ᐱᔭᕆᖅᓴᐃᕙᐸᖅ ᐃᓕᓐᓂᐊᖅᑎᓂᑦ ᐃᓕᓐᓂᐊᒃᑲᓐᓂᕐᑯᔾᔪᑎᒃ, ᓯᕗᓕᖅᑎᐅᓂᕐᒥᑦ, ᖃᐅᔨᓴᖅᑎᐅᓂᕐᒥᑦ ᐊᒻᒪᓗ ᐱᓕᕆᕐᑲᑎᒌᒍᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐃᓕᓐᓂᐊᖅᑎᓄᑦ, ᐃᓕᓐᓂᐊᕈᑎᓄᑦ, ᒐᕙᒻᒃᑯᓐᓃᓐᓈᖅᑐᓂᒃ ᑲᑐᔾᔩᕐᑲᑕᐅᔪᓂᑦ, ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ. 2015-2017-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔩᕐᑲᑎᒌᖕᒐᓂ ᐃᓱᒪᑕᐃᑦ ᑲᑎᒪᔩᕋᐃᖑᕆᑦ, 9-ᖑᑦᓗᑎᒃ ᐊᕆᔪᒥᒃ ᐱᓕᕆᐊᕐᑲᕈᒪᑦᑎᐊᖅᑑᓪᓗᑎᒃ ᐃᓕᓐᓂᐊᕌᓂᒃᓯᒪᐅᑎᕐᑲᖅᑐᓂᒃ ᐊᔾᔨᓪᓖᕆᐅᖅᑐᓂᒃ, ᐋᖅᑭᒃᓱᐃᓚᐅᕐᒪᑕ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐊᒻᒪᓗ ᑲᓇᑕᓕᒫᒥ ᑲᑎᒪᓂᕐᑲᕐᓂᐅᓂᐊᖅᑐᓂᒃ, ᑲᔪᓯᑎᑦᑎᓪᓗᑎᒃ ᑲᑐᔾᔨᓂᕐᑲᖅᑐᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᑲᑎᕐᑲᕐᓂᕐᒥᓐᓂᒃ ᑲᑐᔾᔩᖃᑎᒌᖕᒐᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᖅᑲᓇᐃᔮᕐᑲᓕᕐᓂᕐᒍᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᓂᕐᒥ (APECS), ᐃᑲᔪᖅᑎᐅᕙᒃᑐᑎᒃ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐱᓕᕆᐊᖑᓐᓄᑦ ᐊᒻᒪᓗ ᐱᕈᖅᑎᑦᑎᕙᓪᓕᐊᓂᕐᒥᓐᓂ ᓄᑖᓂᒃ ᐃᑲᔪᓕᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᖏᓐᓄᑦ ᑲᑐᔾᔨᓂᕐᑲᖅᑐᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᑲᑎᕐᑲᓕᕐᓂᕐᒥᒃᑎᒍᑦ ᑕᐃᔭᐅᔪᒥᒃ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᖅᑕ ᖃᐅᔨᓴᐃᓂᕐᓂᒃ.

## 2015-ᒥ ᐊᒻᒪᓗ 2016-ᒥ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᑦᑐᕐᕆᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (ASA) ᐅᑭᐅᑕᒫᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᑦᑐᖃᖅᑎᑕᐅᓂᖕᒋᓂᒃ ᑲᒪᔨᐅᓚᐅᖅᐳᑦ ᖃᓄᐃᓕᐅᖅᑎᑕᐅᓂᖕᒋᓐᓂ ᐃᓚᒋᔭᐅᑎᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑲᑎᒪᓂᖃᖅᑎᓪᓗᒋᑦ 2015-ᖑᑎᓪᓗᒍ ᕿᓐᖁᕙᒥ ᐊᒻᒪᓗ 2016-ᖑᑎᓪᓗᒍ ᒍᐃᓂᐲᒡᒥ. ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᐅᔪᑦ, ᓴᖅᑮᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᖃᕐᒌᓐᓂᕐᒧᑦ ᖃᓄᐃᓕᐅᖅᑎᑦᑎᓂᐅᔪᑦ ᑐᕌᖓᑎᑕᐅᓚᐅᖅᐳᑦ ᓇᖏᓂᖅ ᐊᒻᒪᓗ ᐃᖅᑲᓇᐃᔮᕆᔭᒥ ᐱᕙᓪᓕᐊᑎᑦᑎᓂᖃᓂᕐᒧᑦ ᐃᖅᑲᓇᐃᔮᖃᓚᐦᖅᑐᓄᑦ ᖃᐅᔨᓴᓂᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᓯᒪᓕᕆᐊᕋᓯᓐᓂᕐᒥᒃ ᐃᕐᒋᕐᕋᑦᑎᐊᖅᑎᑦᑎᔪᓐᓇᕐᓂᕐᒥᒃ ᐊᑕᐅᑦᑎᒃᑯᕐᑎᑕᐅᓯᒪᑎᓪᓗᒋᑦ ᐃᖅᑲᓇᐃᔾᔭᒥᒃ-ᐃᓅᓯᕆᔭᒥᓐᓂᒃ ᓇᓕᖅᑲᐅᑎᑦᑎᓇᓱᐊᕈᓐᓇᕐᓂᕐᓄᑦ. ᒪᕐᕈᐃᓐᓂ ᑲᑎᒪᓂᕐᑲᕐᓂᐅᔪᑦ ᐊᑯᓐᓂᖕᒋᓐᓂ, ᐅᖓᑖᓄᑦ 620-ᐅᔪᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ ᐃᓚᐅᓚᐅᖅᐳᑦ ᐃᓕᓐᓂᐊᖅᑎᑦ ᐅᑦᑐᖃᖅᑎᑕᐅᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ, ᐱᐅᓪᓚᕆᒃᑐᒥᒃ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐱᓕᒻᒪᒃᓴᔾᔭᐅᓂᖅᑲᕐᓂᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒪᓂᕆᔭᒥᓐᓂᒃ ᐊᒥᖅᑲᖃᑎᖃᕈᓐᓇᕐᓂᕐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᐋᖅᑭᐅᒪᓕᕆᐊᖅᐸᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐃᖅᑲᓇᐃᔾᔮᐅᔪᓕᕆᓂᕐᓄᑦ.

## ᓄᓇᓖᑦ ᐊᑲᐅᖅᓯᒪᔪᓂᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᖅ ᐊᒻᒪᓗ ᐃᖅᑲᓇᐃᔭᖅᑎᑦᑎᓂᕐᒧᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᔪᑦ

ᑲᑐᔾᔨᓂᕐᑲᖅᑐᑎᒃ ᐱᓕᕆᐊᕐᑲᕐᑎᕐᑲᕐᓂᕐᒥᓐᓂ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐊᒻᒪᓗ ᐅᕐᑲᓪᓚᐅᓯᕆᓚᕗᑦ ᖃᐅᔨᓴᐃᓂᖅ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᖕᒋᑦ ᐃᓚᐅᕐᑲᕐᑕᐅᓚᐅᖅᐳᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ ᐊᔾᔨᒌᖑᕆᐅᖅᑐᓂ ᓯᓚᑦᑐᖅᓴᕐᑳᕆᔭᐅᔪᓂ ᑲᓇᑕᓕᒫᒥ. ᑖᓐᓇ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᖅ ᐃᓚᕐᑲᓚᐅᕐᐳᖅ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᑎᑦᑎᓂᕐᒥᒃ ᕐᑲᕆᑕᐅᔭᑎᒍᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᒃᑯᑦ ᑕᐃᔭᐅᑦᑐᓂ ᑰᕆᐅᓯᑎ (CurioCity), ᐊᒻᒪᓗ ᐋᖅᑭᒃᓯᐃᕙᑦᑕᐊᓂᕐᓄᑦ ᓯᓚᓕᕆᓂᕐᒥ ᐃᑲᔪᓕᕆᐊᕈᑎᒃᓴᓂᒃ ᑐᑦᑐᕐᖓᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᒪᒃᑯᒃᑐᓂᒃ ᑐᓴᐅᒪᓕᖅᑎᑦᑎᕆᐊᕐᓂᕐᒧᑦ ᐱᔪᑎᕐᑲᖅᑐᓂᒃ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ ᐃᑲᔪᖅᑐᐃᓂᕐᑲᓚᐅᕐᒪᑕ ᐃᓕᓐᓂᐊᖅᑏ%ᐅᒥᐊᕐᔪᐊᕐᒥ ᑲᑎᒪᓂᕐᑲᖅᑎᑦᑎᓂᖕᒋᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᓯᓚᖓᑕ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᒫᑯᒃᑐᐃᑦ ᑲᑎᒪᔪᐊᕐᓂᖓᓐᓂᒃ ᒍᐃᓂᐲᒡᒥ ᑎᓯᐱᕆ 2016-ᖑᑎᓪᓗᒍ ᐊᒻᒪᓗ ᐃᑲᔪᓚᐅᖅᑐᑎᒃ ᐋᖅᑭᒃᓯᐃᕙᑦᑕᐊᓂᕐᒥ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑦᑎᓂᕐᒥ ᐃᕐᒋᕐᕋᑦᑎᐊᒻᒪᕆᒃᑎᑕᐅᓚᐅᖅᑐᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᑲᕐᓂᖕᒋᓐᓄᑦ ᐅᑦᑐᖃᖅᑎᑕᐅᑎᓪᓗᒋᑦ ᒍᐃᓂᐲᒡᒥ 2015-ᖑᑎᓪᓗᒍ ᐊᒻᒪᓗ 2016-ᒥ.

# ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᑦ

## 110+

**-ᖑᓗᐊᖅᑐᑦ ᐃᓕᓐᓂᐊᕋᖅᓯᒪᔪᑦ ᐃᑲᔪᖅᑕᐅᓚᐅᖅᐳᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᖅᑎᑦᑎᓂᖏᒎᑦ 2004 - ᒥᓂᑦ**

ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᑦᑎᐊᖅᑐᖅ ᐱᓕᕆᖃᑎᒌᓐᓂᖅ 2005-ᒥᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᖅᑎᑦᑎᕙᑉᐳᑦ ᐊᔭᐅᖅᓯᐃᔾᔪᑕᐅᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᓂᑦ ᐃᓚᐅᖃᑕᐅᖁᓪᓗᒋᑦ ᓯᓚᕐᔪᐊᕐᒥ ᐃᓕᓐᓂᐊᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᖅᑐᓂᑦ ᐊᔾᔨᒌᙱᑦᑐᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ. ᑕᕝᕙᓃᑦᑐᑎᒃ ᐃᓕᓐᓂᐊᕐᓇᐃᑦ ᐃᓕᓐᓂᐊᖅᑎᓄᑦ ᐱᕕᖃᕈᑕᐅᕗᑦ ᐱᓕᕆᖃᑎᖃᖅᑐᑎᒃ ᓯᕐᓚᕐᔪᐊᕐᒥ ᖃᐅᔨᒪᔭᐅᑦᑎᐊᖅᑐᓂᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓂᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᐅᖃᑎᒥᓐᓂᒃ ᑲᑐᔾᔨᓪᓗᑎᒃ ᐃᓱᒪᒋᔭᕐᒥᓂᒃ ᐊᒻᒪᓗ ᐱᔭᕐᓂᖏᑦᑐᓕᕆᔪᓂᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓪᓗᑎᒃ ᓯᓚᒥ ᐃᓚᓕᐅᑎᓪᓗᒋᑦ ᐊᐅᓯᐃᑦᑐᓂᑦ ᐊᒻᒪᓗ ᓯᓚᑦᑎᓐᓂ ᐅᖓᓯᑦᑐᒃᑰᖅᑐᒥᑦ ᖃᐅᔨᓴᕈᑎᒥᑦ ᐊᑐᖅᑐᑎᒃ ᐊᒻᒪᓗ ᒥᑭᔫᑕᒻᒪᕆᓐᓂᑦ ᐆᒪᔪᕋᓛᕐᓂᑦ ᖃᐅᔨᓴᖅᑐᑎᒃ. ᐅᖓᑖᓄᑦ 110 ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑎᒍᑦ ᐃᓕᓐᓂᐊᕌᓚᐳᖅᑐᑦ ᐊᑐᑦᑎᐊᖅᓯᒪᕗᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᕐᓂᑦ ᑕᐃᒪᙵᓂᑦ ᐱᒋᐊᓚᐅᕐᒪᑦ. 2015-2017-ᒥ, 28-ᖑᔪᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᑐᓂᔭᐅᓚᐅᖅᐳᑦ ᑲᑎᑦᑐᒋᑦ ᐅᖓᑖᓄᑦ $75,000 ᐅᐸᖁᓪᓗᒋᑦ ᐃᓕᓐᓂᐊᕐᕖᔾᔪᐊᖅᑎᒍᑦ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᔾᔪᑕᐅᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ ᐳᕈᑎᔅ ᑲᓛᒻᐱᐊᒥ, ᕗᕌᓐᔅᒥ, ᔫᕐᒪᓂᒥ, ᐊᑯᑭᑦᑐᓂ, ᒫᓂᑑᐸᒥ, ᓂᐅ ᐳᕋᓐᔅᕕᒃᒥ, ᓄᐊᕐᕙᐃᒥ, ᓯᑳᑦᓚᓐᒥ, ᓱᕖᑦᓱᕐᓚᓐᒥ, ᐊᒥᐊᓇᑲᒥᐅᓂ ᐊᒻᒪᓗ ᔫᑳᓐᒥ.

*“ᐃᔾᔪᐊᕈᒥᓇᓕᑦᑎᐊᖅᑐᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᖃᑕᐅᓕᕈᒪᓇᖅᑑᓪᓗᓂ ᐊᑭᑦᕐᓂᓐᓃᖃᑕᐅᓪᓗᓂ ᐊᓯᑦᕐᓂᓐᓂᑦ ᐃᓕᓐᓂᐊᖅᑎᓂᑦ ᖁᕕᐊᓯᓪᓚᕆᒃᑐᓂᑦ, ᐱᓕᕆᓂᖃᓕᕈᒪᔪᓂᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᕈᒪᑦᑎᐊᖅᑐᓂᑦ ᐱᔭᒃᓴᕆᔭᒥᓐᓂᒃ.”*

ᔨᐅᑦ ᕿᔨᕕᒃᔅ, ᑳᕈᓪᑕᓐ ᓯᓚᑦᑐᖅᓴᕐᕕᖕᒐ - ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐᓂᑦ ᓯᕗᓪᓘᑦ
ᖁᑦᑎᖕᓂᖅᐹᓂᒃ ᐃᓕᓐᓂᐊᕈᑎᖃᕐᑐᖅ ᓯᑯᐊᓘᖕᒋᓐᓇᖅᑐᓕᕆᓂᕐᒧᑦ, ᓯᕗᓪᓘᑦ, ᓄᐊᕐᕙᐃᒥ

*“ᑖᒃᑯᐊ ᐃᓕᓐᓂᐊᕈᑎᒋᔭᒃᑲ ᑐᑭᓯᐅᒪᓕᖅᐹᓪᓕᕈᑎᒋᕙᒃᑲ ᐊᒻᒪᓗ ᐅᐱᒋᓕᖅᐹᓪᓕᖅᑐᒍ ᖃᓄᐃᓪᓚᑦᑖᕐᓂᕆᔭᖕᒐ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖕᒐᑕ ᐊᕙᑎᒋᔭᖕᒐᓄᑦ. ᐊᑐᕐᓂᕋᒪᕆᒃᑐᓂᒃ ᑐᓴᒐᓴᓂᒃ ᑐᓴᖅᑎᑕᐅᓯᒪᓕᕐᒪ ᐊᒻᒪᓗ ᖃᓄᖅ ᖃᐅᔨᓴᒐᓴᓂᒃ ᐱᓕᕆᓂᖅᑲᓐᓂᕐᓄᑦ ᑐᕌᖕᒐᓪᓚᕆᓐᓂᖅᑲᖅᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᕆᕙᒃᑕᓐᓂ ᑐᕌᕐᕕᒋᓇᓯᐊᖅᑕᓐᓂ.”*

ᓄᐊᕋ ᑖᓪᒪᓐ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐ ᒫᓂᑑᐸ - ᐊᑯᑭᑦᑐᓂ ᐃᖅᑲᓇᐃᔭᕐᕕᖕᒑᑦ ᐊᕙᑎᓕᕆᓂᕐᒥ ᐊᐱᓯᒪᔪᓕᕆᓂᖅ ᑕᕆᐅᑉ
ᓯᑯᖕᒐᓂ ᐃᓕᓐᓂᐊᕈᑎᒃᓴᓂᒃ ᐃᓕᓐᓂᐊᕐᑎ, ᓅᒃ, ᐊᑯᑭᑦᑐᓂ

*“ᖁᑦᑎᖕᓂᖅᐹᓂᒃ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑎᐅᓪᓗᖓ, ᐊᑦᑕᑕᕐᕕᖃᑎᖃᓕᕈᓐᓇᕐᓂᒃᑲ ᓘᑦᑖᖑᓂᕐᒧᑦ ᐃᓕᓐᓂᐊᖅᑎᓂᒃ ᑕᕝᕙᓂ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑎᓪᓗᖓ ᐊᖏᔪᐊᓗᒻᒥᒃ ᐊᑐᕐᓂᖃᕐᓂᐊᖅᑐᑦ ᓯᕗᓂᕐᒥ ᐃᖅᑲᓇᐃᔮᕆᓕᕐᓂᐊᖅᑕᓐᓄᑦ ᐅᖃᓪᓚᐅᓯᖃᖃᑎᖃᖃᑦᑕᕐᓂᖅᑎᒍᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ, ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᒫᓇᐅᔪᒥ ᐱᓕᕆᐊᕆᔭᒃᑲ, ᐊᒻᒪᓗ ᓯᕗᓂᒃᓴᕆᓂᐊᖅᑕᓐᓂ. ᐊᖏᒡᓕᕙᓪᓕᐊᖏᓐᓇᖅᑐᒥᒃ, ᐃᓕᑦᑎᕙᓪᓕᐊᕗᖕᒐ ᐊᑐᕐᓂᖅᖄᓂᖏᑕ ᐊᑦᑕᑕᖅᓯᒪᓕᖅᐸᓐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᖅᑎᖅᐸᓐᓂᐅᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᕙᓐᓂᕐᓄᑦ.”*

ᐃᓪᓕᓐ ᑕᐃᕕᑦᓴᓐ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐ ᒫᓂᑑᐸ - ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐᓂᑦ ᓯᕗᓪᓘᑦ
ᐆᒪᓂᖅᑲᕐᓂᓕᕆᓂᖅ ᐃᒪᕐᓂ ᓯᑯᓯᒪᔪᓂ, ᓯᕗᓪᓘᑦ, ᓄᐊᕐᕙᐃᒥ

# ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᓂᑦ ᐅᓄᕆᐊᖅᑐᒦᑦᑕᐃᓕᑎᑦᑎᓂᕐᒧᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓇᓱᐊᕐᓂᖃᖅᐳᑦ ᐋᓐᓂᐊᖅᑐᓕᕆᓂᕐᒥᑦ ᐊᒻᒪᓗ ᐅᓗᕆᐊᓇᖅᑐᒦᑦᑕᐃᓕᑎᑦᑎᓂᕐᒥᑦ ᐱᐅᓂᖅᐸᒃᑯᑦ ᖃᓄᐃᓕᐅᕐᓂᓕᒫᖏᓐᓂᑦ ᐊᒻᒪᓗ ᐊᐅᓚᑕᓕᒫᖏᓐᓂᑦ ᐃᓚᓕᐅᔾᔭᐅᓪᓗᑎᒃ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᓂᕐᔪᑦ ᐱᓕᕆᐊᒃᑯᑦ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕌᑦ ᐅᓗᕆᐊᓇᖅᑐᒦᕐᑯᓇᒋᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᕐᔪᑦ ᑮᓇᐅᔭᖅᑖᕈᓯᐊᑦ ᓴᖅᑭᑕᐅᓚᐅᖅᐳᑦ 2014-2015-ᒥ ᐃᑲᔫᑕᐅᓪᓗᑎᒃ ᐱᓕᕆᖃᑎᒌᓐᓄᑦ ᖃᐅᔨᓴᖅᑎᓄᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᖁᑎᒥᓄᑦ, ᐃᓕᓐᓂᐊᒃᑳᓂᖅᑐᓄᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᒻᒪᕆᐅᓂᕐᔪᑦ ᐊᒻᒪᓗ ᐃᖅᑲᓇᐃᔭᖅᑎᓄᑦ ᐃᓚᐅᕐᑕᑕᐅᓪᓗᑎᒃ ᐅᓗᕆᐊᓇᖅᑐᒦᑦᑕᐅᓕᑎᑦᑎᓂᕐᔪᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ ᐃᓚᓕᐅᔾᔭᐅᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᓄᐃᖅᑖᕈᓯᐊᕐᖏᓐᓄᑦ ᐱᓕᕆᐊᒃᑯᑦ. ᖃᓄᐃᖅᑖᕈᓯᐊᑦ 75->ᓴᖕᒋᑦ ᑲᑎᑦᑐᒋᑦ ᐊᑐᓂ ᐃᓕᓐᓂᐊᖅᑕᐅᔪᓄᑦ, ᐃᓚᓕᐅᑎᓪᓗᒋᑦ ᐃᓕᓐᓂᐊᕈᑎᓄᑦ ᐊᑭᖕᒋᑦ, ᐊᐅᓪᓚᖅᑖᑦᑕᖅᓂᕐᔪᑦ ᐊᒻᒪᓗ ᑐᔪᕐᒥᔪᑎᓄᑦ. ᐊᕐᕌᒍᓯᒪᓕᖅᑐᓂ, ᖃᓄᐃᔾᔪᑦ ᐃᑲᔫᑎᖃᖅᓯᒪᕗᑦ 47-ᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓚᒋᔭᐅᔫᕐᑯᑎᖕᒋᓐᓄᑦ ᐱᐅᔫᒪᓇᓕᒥᑦ ᐃᓕᓐᓂᐊᖅᑎᑕᐅᓪᓗᑎᒃ ᐅᓗᕆᐊᓇᖅᑐᒦᑦᑕᐃᓕᑎᑦᑎᓂᕐᔪᑦ ᐊᒻᒪᓗ ᐅᐸᓗᖓᐃᔭᕐᓂᕐᔪᑦ ᖃᐅᔨᓴᕐᓂᕐᐊᕐᓂᕐᔪᑦ ᓄᓇᒥ ᐊᒻᒪᓗ ᐃᒪᕐᒥ.

# ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ

ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᓴᐃᑎᑦᑎᓂᕐᒥ ᐱᓕᕆᐊᒃᑯᑦ ᑐᙵᓱᒃᑎᑦᑎᓚᐅᖅᐳᑦ ᕿᑦᑎᖕᓂᖅᓴᓂᒃ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐃᓕᓴᐃᔩᓂᒃ ᑲᓇᑕᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᒃ ᐊᒻᒪᓗ ᓯᕿᓂᖅᐸᓯᐊᓂᕐᒥᐅᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᔪᑦ ᐋᒪᙵ ᐅᑭᐊᒃᓵᖏᓂ 2015 ᐊᒻᒪᓗ 2016. ᐃᓚᒋᔭᐅᕐᑲᑕᐅᔪᑦ ᐊᔾᔨᕋᖖᒋᑦᑐᒥᒃ ᐱᓕᕆᕐᑲᑎᕐᑲᕈᓐᓇᖅᑎᑕᐅᕐᑲᑦᑕᓚᐅᖅᑐᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᓪᓚᑦ ᖃᐅᔨᓴᖅᑎᖏᓐᓂᒃ ᖃᐅᔨᓴᕆᔅᓱᑎᓂᒃ ᐊᐅᓚᑦᓯᓂᕐᑲᕐᑲᑦᑕᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᕝᕕᖕᓂ ᐃᓕᓐᓂᕐᑲᑕᐅᔪᓐᓇᖅᑎᑕᐅᕙᒃᑐᑎᒃ ᐊᒻᒪᓕ ᐃᓕᓐᓂᐊᖅᑎᑕᐅᓪᓗᑎᒃ ᑲᑎᒪᓂᕐᑲᕐᑲᑦᑕᕐᓂᖅᑎᒍᑦ ᐱᓕᒻᒪᒃᓴᔭᐅᕙᓐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᐅᔪᓄᑦ ᑐᕌᖓᑎᑕᐅᕙᒃᑐᑎᒃ ᐃᓕᑉᐸᑦᓕᕈᑎᒃᓴᖏᓐᓂᒃ ᖃᐅᔨᒪᓂᕆᔭᒥᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒻᓄᑦ. ᐱᐅᓪᓗ ᕕᐅᓪᔅ (Build Films), ᒍᐃᓂᐲᒡᒥ ᑕᕐᕆᔭᐅᓴᓕᐅᖅᑎᖏᑦ, ᐃᓚᐅᕐᑲᑕᐅᓚᐅᖅᐳᑦ 2016-ᖑᑎᓪᓗᒍ ᖃᐅᔨᓴᐃᔭᖅᑐᕐᓯᒪᓂᕐᒧᑦ ᐊᔾᔨᓕᐅᕆᕙᓪᓕᐊᓪᓗᑎᒃ ᑕᑯᓐᓇᕐᓴᓂᒃ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᓂ ᐱᓕᕆᐊᒥᒃ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑏᑦ ᖃᐅᔨᓴᐃᓂᕐᒥᓐᓂ ᐱᓕᕆᐊᕆᔭᖏᓐᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᑲᖅᑐᑎᒃ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ.

*“ᒥᑦᑎᒪᑕᓕᕐᒥ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᐸᓪᓕᐊᑎᑕᐅᓪᓗᑕ, ᐃᑲᔪᓕᕈᒪᑦᑎᐊᓚᐅᖅᐳᖓ ᐱᐅᓯᕆᐊᖅᑎᑦᑎᓯᒪᓕᕆᐊᒥᒃ ᐊᑲᑎᓕᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᓅᓯᓕᕆᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᓂᒃ ᐃᓄᓐᓄᑦ. ᑖᓐᓇᓗ ᐱᔾᔪᑎᒋᓗᒍ ᐱᔪᓐᓇᕐᓂᓕᒃᑯᑦ ᐃᓕᓯᒪᓕᓚᐅᖅᑕᓐᓂᑦ ᒥᑦᑎᒪᑕᓕᒻᒦᑎᓪᓗᖓ ᐊᒥᖅᑲᕈᑎᒋᓕᕋᓯᓐᓂᐊᖅᐸᒃ ᐃᓕᓐᓂᐊᖃᑎᒋᔭᓐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᖅᑲᑎᒋᔭᓐᓄᑦ. ᐃᓕᑎᓯᒪᓕᓚᐅᕆᔭᖓ ᐅᔾᔨᖅᓯᕈᑎᖃᑎᐊᕋᓯᕆᐊᓐᓂᒃ ᑐᓴᐅᓴᓕᕆᓂᕐᒥ ᐱᓕᕆᐊᖑᕙᒃᑐᓄᑦ ᐊᒻᒪ ᐃᓯᒪᒐ ᑕᒪᐃᓐᓄᑦ ᒪᑐᐃᙱᑎᑎᐊᕋᓯᕆᐊᖃᕋᑯ. ᐅᐱᕆᓪᓚᕆᓚᐅᖅᐸᒃ ᖃᐅᔨᓴᖅᑎᒪᕆᐅᔪᑦ ᐱᓕᕆᐊᒃᓴᕆᔭᒥᓐᓂᒃ ᐱᓕᕆᓂᖃᑎᐊᖅᐸᓐᓂᖏᑕ ᐊᒻᒪᓗ ᐃᑲᔪᖅᑐᖃᑎᒌᑎᐊᖅᐸᓐᓂᖏᑕ ᑎᑭᓯᒪᓕᕋᓯᐊᕐᓂᕐᒥᓐᓂ ᑐᕌᕝᕕᒃᓴᕆᔭᒥᓐᓄᑦ.”*

ᐃᓕᓐᓂᐊᖅᑎᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐃᓚᒋᔭᐅᖃᑕᐅᓚᐅᖅᑐᖅ

ᑎᓯᐱᕆ 2016-ᒥ, ᐅᑭᐅᒃ ᒫᓐᐱᒃ ᐊᓂᒍᑐᐊᕌᖓᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᑏᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᒫᑯᒃᑐᐃᑦ ᑲᑎᒪᔨᖏᑦ (ACCYF) ᑲᑎᒪᕐᔪᐊᕐᓂᖃᓚᐅᖅᐳᑦ ᐊᑕᐅᑦᑎᒃᑰᖃᑕᐅᑎᑕᐅᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᑲᑎᒪᕕᒡᔪᐊᕐᓂᖓᓐᓄᑦ ᒍᐃᓂᐲᒡᒥ. ᐅᖓᑖᓄ 150 ᖁᑦᑎᖕᓂᖅᓴᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᑦ ᐅᐸᒍᑎᓯᒪᓚᐅᖅᐳᑦ, ᐃᓚᒋᔭᐅᖃᐅᓪᓗᑎᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᐅᔪᓄᑦ ᐋᖅᑭᒃᓯᐊᙳᓯᒪᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓂᑦ ᐊᖏᒡᓕᕆᐊᖅᑎᑕᐅᓯᒪᓕᖁᓪᓗᒋᑦ ᐅᔾᔨᕈᓯᓐᓂᐅᔪᓄᑦ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᓂᒃ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ, ᐊᒻᒪᓗ ᒪᓕᒐᖁᑎᓂᒃ ᐋᖅᑭᒃᓯᐃᕙᓪᓕᐊᓂᕐᓄᑦ.

ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᑉ ᐅᓪᓗᖓ, ᖁᑦᑎᒃᑐᒻᒪᕆᒻᒥᒃ ᐃᖏᕐᕋᓂᖅᑳᖅᑎᑕᐅᔪᖅ ᐱᓕᕆᐊᖅᑲᖅᑎᕌᓂᖏᑎᒍᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐ, ᖏᐊᓪᓚᐃᑦ ᐊᓚᐃᕝ ᐊᒻᒪᓗ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑎᓂᑦ, ᓱᓕ ᐅᐸᒃᑕᐅᓯᒪᕙᒃᑐᖅ ᐅᖓᑖᓄ 18--ᓂᑦ ᖁᑦᑎᖕᓂᖅᓴᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᓂᑦ ᓄᓪᓗᐊᓂ ᑕᖅᑭᖓᑕ ᕙᑉᕈᐊᕆᒥᑦ/ᓖᔾᔨ ᑕᖅᑭᖓ ᐊᑐᓕᕝᕆᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᖑᓴᓂᒃ ᐱᓕᕆᐊᖅᑲᖅᑕᐅᔾᔪᑦᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑎᑕᐅᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ. ᐊᓯᖏᓂᒃᑕᐅᖅ ᐱᓕᕆᐊᖃᓚᐅᕐᒥᔪᑦ 2015-2017 ᐊᑯᓐᓂᖏᓂ ᐃᓚᖃᖅᑐᕆᑦ ᓯᕗᓕᖅᑎᐅᖃᑎᒌᓐᓂᕐᒧᑦ ᑲᑎᒫᔪᑎᖃᕐᓂᕐ ᐊᑲᑎᓕᕆᓂᕐᒧᑦ ᐃᓕᓐᓂᐊᕈᑎᔅᓴᓂᒃ ᐊᒻᒪᓗ ᑐᓴᐅᒪᑦᑲᑦᑕᐅᑎᓕᕆᓂᕐᒧᑦ (EECOM) ᑲᑎᒫᔪᑎᖃᖅᑎᓪᓗᑎᑦ, ᓴᖅᑮᔨᐅᓂᕐᒧᑦ ᑲᓇᑕᒥ ᐱᓕᕆᐊᖃᖅᑎᐅᔪᑦ ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᐃᓕᓴᐃᔨᑦ (CaNOE) ᑲᑎᒪᔪᐊᕐᓂᖃᖅᑎᓪᓗᑎᑦ ᐊᒻᒪᓗᑲᔪᓯᑎᑕᐅᓯᒪᓂᖏᓐᓄᑦ ᐱᓕᕆᐊᖃᖃᑎᒌᓐᓂᐅᔪᑦ ᐱᓕᕆᐊᒧᑦ ᐅᖃᓪᓚᐅᓯᖃᖅᑕ ᖃᐅᔨᓴᐃᓂᕐᒥᒃ ᐊᖏᒡᓕᕆᐊᖅᑎᓯᒪᓕᕆᐊᖅᑐᕆᑦ ᐃᑲᔪᓕᕆᐊᕐᓂᕐ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐃᓕᓐᓂᐊᕐᕕᓐᓂ ᑲᓇᑕᓕᒫᒥ. ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐅᓪᓗᒥᐅᔪᒥ ᐱᓕᕆᓂᖅᑲᖅᑎᖃᓕᖅᓯᒪᔪᑦ ᖏᕋᓐᑎᐅᕐ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᔨᖏᓂᒃ ᐊᒻᒪᓗ ᑰᒃᔪᐊᑉ ᓄᓇᓕᖕᖓᓂᒃ ᐱᓕᕆᐊᖃᓕᖅᓯᒪᓂᖏᓐᓄᑦ ᑰᒃᔪᐊᖅ ᖁᑦᑎᖕᓂᖅᓴᓄᑦ ᐃᓕᓐᓂᐊᕐᕕᖓᑕ ᐋᖅᑭᒃᓯᓚᐅᓯᒪᓕᕐᓂᒃᓴᖓᓄᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᐅᕙᒃᑐᓄᑦ ᑲᑎᑦᑕᕝᕚᙳᖅᑎᑕᐅᓗᓂ ᐊᑦᑕᑕᖅᓯᒪᔪᓐᓇᓕᕐᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᐅᓕᖅᓯᒪᔪᓄᑦ ᐊᕙᑎᕆᔾᔨᒥᓐᓂ.

ᓯᕗᓪᓗᕆᐊᓕᕐᒥᓗᑕᓕ, ᐃᓕᓐᓂᐊᖅᑏᑦ ᐅᒥᐊᕐᔪᐊᕐᒥ ᐆᒃᑐᕋᐅᑎᕆᓪᓗᕆᑦ ᐱᓕᕆᓂᖃᓕᖅᓯᒪᕗᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᒫᑯᒃᑐᖏᓂᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᓂᖓᑦ ᐱᓕᒪᒃᓴᐃᔨᖃᕐᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᖓᑦ ᐱᓕᕆᐊᒥᒃ ᑐᕌᕝᕕᖃᖅᑎᑕᓯᒪᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᒫᑯᒃᑐᖏᓂᒃ ᐅᑭᐅᓕᓐᓂᒃ 19-ᓂᑦ 29-ᓄᑦ ᐊᑲᑎᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐃᓕᓐᓂᐊᕈᑎᖃᓕᕈᒪᓂᖃᖅᑐᓂᒃ. ᐱᓕᕆᐊᖑᓂᐊᖅᑐᓂ ᔪᓚᐃ 2017-ᒥ, ᐱᓕᕆᐊᖑᔪᒥ ᐅᐸᒍᑎᓯᒪᔪᖃᕐᓂᐊᖅᑐᑦ ᒫᑯᒃᑐᓂᒃ ᖃᒪᓂ’ᑐᐊᕐᒥᑦ, ᐃᒡᓗᓕᐅᕐᔪᖕᒥᑦ, ᑰᒃᔪᐊᕐᒥᑦ, ᐊᒻᒪᓗ ᑭᒻᒥᕈᑦᒥᑦ, ᐊᒻᒪᓗ ᐱᓕᕆᐊᒧᑦ ᐱᓕᒪᒃᓴᐃᔨᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓯᓚᑦᑐᖅᓴᕐᕕᖓᓂᑦ ᐃᖃᓗᓐᓂ.

# ᐃᓕᑕᖅᓯᓂᖅ ᐱᐅᓂᖅᐹᒃᑯᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᑮᑦ ᐃᓕᓐᓂᐊᖅᑎᙵᓐᓂᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓇᐅᔪᓂᑦ

ᐃᓚᓕᐅᑎᔾᔪᑎᑦ ᐊᒥᓱᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᑮᒃᑯᓐᓂ ᐃᓕᓐᓂᐊᖅᑏᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓈᑦ ᑐᓂᔭᐅᓚᐅᖅᑐᑦ ᖁᑦᑎᓐᓂᖅᓴᓂᒃ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᔾᔪᑎᓄᑦ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᐊᕙᑦᑐᖅᓯᒪᔪᓂᑦ ᑐᓂᕐᕈᓯᐊᖅᑎᑦᑎᔮᑦ ᑲᑎᒪᔩᖏᓐᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᑮᑦ ᐅᐱᒍᓱᑦᑎᐊᖅᐳᑦ ᒦᓐᓇᐅᔪᖅ ᐃᓕᓐᓂᐊᖅᑎᓂᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᐅᓚᐅᖅᑐᓂᑦ ᐃᓕᓐᓂᐊᓈᖅᓯᒪᔪᓂᑦ ᑐᓂᔭᐅᖃᑕᐅᓚᐅᖅᑐᓂᒃ ᐱᐅᔪᒻᒪᓇᒻᒥᑦ 2015-2017 ᐃᓕᓐᓂᐊᕐᓇᕐᒥ ᑐᓂᔭᐅᓚᖅᑐᑦ ᐃᓕᓐᓂᐊᖅᑎᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒪᓇᓄᑦ ᖃᐅᔨᓴᖅᑐᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ.

### *ᕚᓐᓂᐋ ᑲᓇᑕᒥ ᓯᓚᑦᑐᖅᓴᕐᕕᒻᒥ ᐃᓕᓐᓂᐊᕆᐊᕈᓐᓇᐅᑎᑖᕈᔪᑦ*

ᕚᓂᐋ ᑲᓇᑕᒥ ᓯᓚᑦᑐᖅᓴᕐᕕᒻᒥ ᐃᓕᓐᓂᐊᕆᐊᕐᑯᓐᓇᑎᑖᕈᔪᑦ ᐱᓕᕆᐊᖅ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᔫᖅ ᑲᓇᑕᒥ ᒐᓪᒪᖓᓐᓂᑦ ᓴᖅᑭᒃᑎᒋᐊᕈᑎᒃᓴᐅᑦᑐᑎᒃ ᑲᓇᑕᒥ ᐱᔾᒥᓵᕆᓂᐅᕗᒃᑐᓄᑦ ᓯᓚᕐᔪᐊᓖᒥ ᐱᐅᓂᖅᐸᐅᕐᑲᑕᐅᔪᓂᒃ ᓘᑖᖑᓂᕐᒍᑦ ᐃᓕᓴᐅᓂᕐᑲᖅᑐᓂᒃ ᐃᓚᒌᔭᐅᓕᕐᑲᑕᐅᔪᓐᓇᕐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐱᓯᒪᐃᓐᓇᕋᓱᒍᑎᒋᔭᐅᓂᐊᖅᑐᓂ, ᐊᒻᒪᓗ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕋᔭᕐᓂᕐᒥᒃ ᑲᓇᑕᐅᑉ ᓄᓇᕐᔪᐊᖓ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᓂ ᐱᐅᓂᖅᐸᐅᔪᑎᒍ ᐱᓕᕆᓂᕐᑲᖅᑎᐅᕙᒃᑐᓄᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐊᒻᒪᓗ ᕿᑦᑎᖕᓂᖅᓴᓄᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᕈᑎᕐᑲᖅᑎᑦᑎᕙᓐᓂᕐᓄᑦ. ᑎᑭᑦᑐᒥᑦ 167-ᓄᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᒻᒥ ᐃᓕᓐᓂᐊᕆᐊᕈᓐᓇᐅᑎᓂᒃ ᐅᑭᐅᑕᒫᑦ ᓴᓚᒃᓴᐅᑎᑖᖅᑎᑦᑎᕙᒃᑐᑦ ᐅᑭᐅᑕᒫᑦ, ᐊᑐᓂ ᐊᑭᑐᓂᕐᑲᕋᔭᖅᑐᓄᑦ $50,000-ᓂᒃ ᐅᑭᐅᑕᒫᑦ ᐱᖓᓲᓇᔭᖅᑐᓄᑦ ᐅᑭᐅᓄᑦ.

- ᔭᓯᑎᓐ ᕈᐃ, ᐆᒪᔪᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑑ ᑯᐃᐸᒃ ᐋ ᓇᒨᓯᑭ
- ᑲᐃᕋ ᓴᐃᓐ-ᐱᐆᕐ, ᐊᕙᑎᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐃᐊᑦᐹᑕ

### *ᑕᕝᔪ. ᒑᕕᐅᑦ ᕕᓐᓴᑕᓐ ᑐᓂᕐᕈᐊᑦ*

ᑕᕝᔪ. ᒑᕕᐅᑦ ᕕᓐᓴᑕᓐ ᑐᓂᕐᕈᓯᐊᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐊᑐᓕᕈᑕᐅᓚᐅᖅᐳᖅ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᑦ ᐱᓇᓱᐊᖅᑐᑎᒃ ᖃᐅᔨᓴᑦᑎᐊᕐᓂᕐᒥᑦ ᑲᓇᑕᒥ ᐅᓗᕆᐊᓇᖅᑑᒍᓐᓇᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᑖᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᓂᑦ. ᑐᓂᕐᕈᑕᐅᓚᐅᖅᑐᑦ ᕐᑯᑦᑎᓐᓂᖅᐹᒃᑯᑦ, ᓅᑖᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᙵᓄᑦ ᑐᓂᔭᐅᕐᑲᑦᑕᖅᐳᑦ ᐃᓕᓐᓂᐊᑦᑎᐊᖅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᙵᓄᑦ, ᐱᓕᕆᐊᕐᑲᖅᐸᑦᑐᑎᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᕐᔪᐊᖓᓂ ᖃᐅᔨᓴᕐᓇᐅᓕᕋᐃᒻᒪᑦ.

### **ᐃᓕᓐᓂᐊᓲᖅᑐᓄᑦ ᑐᓂᕐᕈᓯᐊᑦ ($50,000)**

- ᒧᓲ-ᐋᓐᑐᓲ ᔨᕉ, ᐊᕙᑎᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑑ ᑯᐃᐸᒃ ᐋ ᓇᒨᓯᑭ
- ᓖᓐᔭ ᐋᔅᑐᑕᐃᒡ, ᐆᒪᔪᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ
- ᑯᓇᓐ ᐹᒧᕐᔫ, ᐅᒪᔪᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ
- ᔨᓂᕗᕐ ᐹᕉᕕᓐᓯᕐ, ᐆᒪᔪᓕᕆᓂᖅ, ᐊᐹᑎᐊ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ
- ᓗᐊᕋ ᑖᒡᓴᓐ, ᓄᓇᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᖅ, ᓴᐃᒪᓐ ᕗᕋᐃᓯᕐ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ
- ᑕᐃᕕᑦ ᔩᒃᑲᐅᓯᑭ, ᐆᒪᔪᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ

### **ᐃᓕᓐᓂᐊᕈᑎᖃᖅᑐᓄᑦ ᑐᓂᕐᕈᓯᐊᑦ ($50,000)**

- ᐋᓇ ᑯᕚᕗᑦ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑳᕈᓪᑕᓐ
- ᐋᓯᓕ ᑕᑉᓂᒃ, ᓄᓇᒥᒃ ᖃᐅᔨᓴᐃᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐃᐊᑦᐹᑕ
- ᓯᐊᕋ ᕗᐊᕐᑐᓐ, ᐆᒪᔪᓂᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᑯᔾᔪᐊᖓ ᐳᕈᑎᔅ ᑲᓛᐱᐊ
- ᔫᓕ ᒫᓕᕚᓐᑦ-ᓚᐸᐃᔾ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ
- ᒥᓯᐊᓪ ᕋᐱᓐᓯᑭ, ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᖃᔨᓴᐃᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒪᓐᑐᓇᐋᓪ
- ᐊᐃᑐᓇᐋᓐ ᕙᐃᑦ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐋᑐᕙ

### **ᖁᑦᑎᖕᓂᖅᐹᒥᑦ ᐃᓕᓐᓂᐊᕐᓂᕐᒧᑦ ($15,000)**

- ᑳᓯᓇᓐ ᐸᓛᒃ, ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓕᕐᑯᓐᓇᖅᑐᑦ ᐆᒪᔪᓕᕆᓂᕐᓂ, ᕕᐅᓪᕗᓇᓪ ᓗᐊᓇᐋ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᑦ
- ᓖᓐᑕ ᐳᕋᐃᔾᑭ, ᐃᓅᓯᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᕕᒃᑑᓇᐊ
- ᓂᑯᓚᔅ ᐳᕋᐅᓐ, ᓄᓇᐅᑉ ᑕᐅᑦᑐᓇᔭᖓᓂᒃ, ᑳᕈᓪᑕ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ
- ᒫᕼᐊ ᒐᔨᐊᓪ, ᐊᕙᑎᓕᕆᓂᖅ ᐊᒻᒪᓗ ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒫᓂᑑᐸ
- ᐱᐊᕐ-ᔫᒃ ᒍᕚᓐᑎᓐ, ᐆᒪᔪᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓚᕚᓪ
- ᒪᐃᑯᓪ ᕼᐋᑭᑦ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐋᑐᕙ
- ᕗᓗᐊᓇᓐᓴ ᓚᐱᐊᕐ ᐴᓕᓐ, ᐆᒪᔪᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑑ ᑯᐃᐸᒃ ᐋ ᓇᒨᓯᑭ
- ᑲᑦᓲᓇ ᐆᑲᐃᓐ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᐳᕈᑎᔅ ᑲᓛᐱᐊ
- ᔨᐅᓪ ᕋᔨᕕᔾ, ᓄᓇᓕᕆᓂᖅ, ᑳᕈᓪᑕ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ
- ᒫᑎᐅ ᑕᑦᑐᕉ, ᐆᒪᔪᓂᒃ ᐊᐅᓚᑦᓯᔨᐅᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᑑ ᑯᐃᐸᒃ ᐋ ᓇᒨᓯᑭ
- ᐃᓕᓴᐱ ᕗᕉᓇ, ᓄᓇᓕᕆᓂᖅ, ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᒍᐃᐅᓪᕝ

### *ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ ᐃᓕᓐᓂᐊᖅᑐᓄᑦ ᑐᓂᕐᕈᓯᐊᑦ ($10,000)*

ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ ᐃᓕᓐᓂᐊᖅᑐᓄᑦ ᑐᓂᔭᐅᕐᑲᑦᑕᖅᑐᑦ ᐃᓕᓐᓂᐊᓲᖅᑐᓄᑦ ᐅᐅᖅᑕᖅᑐᒥᙱᖅᑐᓄᑦ ᓴᖅᑭᔮᖅᑎᑦᑎᔪᓂᑦ ᓯᕗᓕᖅᑎᐅᒍᓐᓇᕐᓂᖕᒋᓐᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᓕᓐᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᑕᐃᒃᑯᓄᖓ ᓯᓚᕐᔪᐊᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᖃᐅᔨᓴᖅᑎᓄᑦ ᐃᑲᔪᖅᑐᐃᓪᓗᑎᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ.

- ᒥᐅᕋᓐ ᓯᒥᑦ, ᓄᓇᓕᕆᓂᖅ, ᒥᒧᐊᕆᐅᓪ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ ᓂᐅᕙᐅᓐᓚᓐ

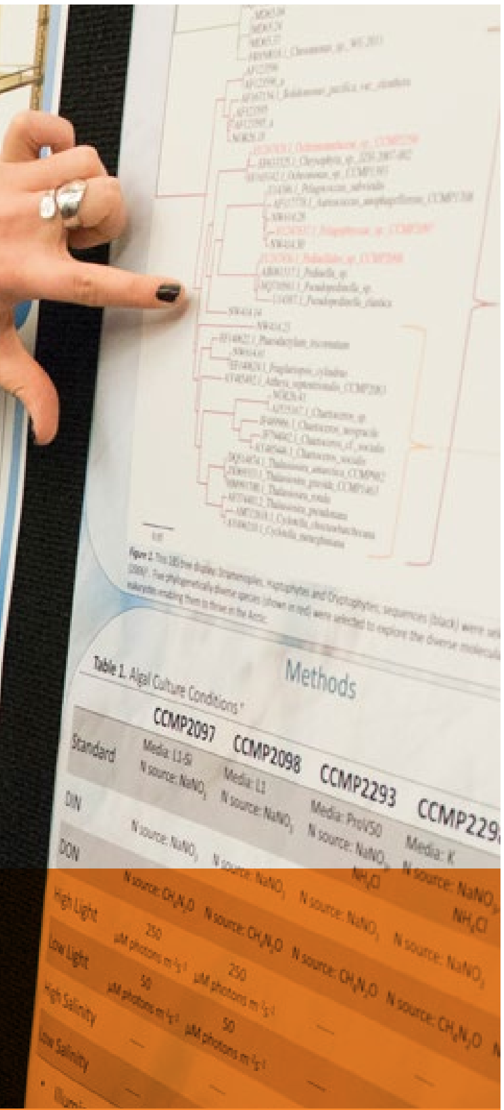
### *ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᖅᑲᕐᓂᖅ ᑲᓇᑕᒥ ᑐᓂᕐᕈᓯᐊᑦ ($10,000)*

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᖅᑲᕐᓂᖅ ᑲᓇᑕᒥ ᐃᓕᓐᓂᐊᕆᐊᕈᑎᒃᓴᓂᒃ ᐅᑭᐅᑕᒫᑦ ᑐᓂᕐᕈᓯᐊᖅᑖᕐᑎᑦᑎᕙᒃᑐᑦ ᐅᑭᐅᑖᓭᑦ ᐃᓕᓐᓂᐊᖅᑐᓄᑦ (ᐃ) ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᒥ ᐱᓕᕆᐊᕐᑲᕐᑕᐅᕙᒃᑐᓄᑦ ᐃᓕᓐᓂᐊᕚᓂᒍᑎᒥᓐᓂᒃ ᑎᑎᕋᖅᓯᒪᔪᓕᐅᕐᓂᐊᖅᑐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐊᓯᖏᓂᒃ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᕐᒍᕙᒃᑐᓂᒃ, (ᐅ) ᐊᒥᓱᐃᓕᖕᖓᔪᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᕐᒥᓐᓂ ᐱᓕᕆᐊᖅᑐᓄᑦ, (ᐊ) ᓇᓗᓇᐃᖅᓯᓯᒪᔪᓄᑦ ᐱᐅᓂᖅᐸᐅᔪᑎᒍᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᓕᓐᓂᐊᕈᑎᖅᐸᑦᑕᐊᓂᕐᒥᓐᓂᒃ ᐊᒻᒪᓗ (ᐱ) ᖃᐅᔨᓯᒪᓕᖅᑕᒥᓐᓂᒃ ᓴᖅᑮᓯᒪᓕᕈᓐᓇᖅᑐᓄᑦ ᐊᖏᔪᐊᓘᑦᑐᓂ ᑲᓇᑕᓕᒫᒥᐅᓂ ᐅᕙᓗᓐᓃᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂ ᑲᑎᒪᔾᔪᐊᕐᓂᖅᑐᓄᑦ.

- ᔨᐊᓂᕗᕐ ᐳᕚᕕᓐᓯᕐ, ᐆᒪᔪᓕᕆᓂᖅ, ᑳᕈᓪᑕᓐ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓ


# ᖃᐅᔨᒪᓂᕐᒥᒃ ᐊᒥᖅᑲᕐᓂᖅ

ᓄᑖᑎᒍᑦ ᓱᐊᒻᒪᖅᑎᕆᓂᐅᓕᖅᐸᒃᑐᑦ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᑦᑎᓐᓂ ᖃᓄᐃᓕᖓᓕᕈᑎᐅᔪᑦ ᐃᓚᒋᔭᐅᓪᓚᕆᒻᒪᑕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓕᕆᐊᒃᓴᕆᔭᖏᓐᓄᑦ. ᐱᓕᕆᐊᖃᖅᑏᑦ ᐊᒥᖅᑲᐅᑎᒋᓕᖅᐸᓪᓕᐊᖏᓐᓇᖅᐸᒃᑕᖏᑦ ᖃᐅᔨᒪᓂᑎᒃ ᐱᓕᕆᐊᖃᖃᑕᐅᔪᓄᑦ ᑎᒍᒥᐊᖅᑎᒋᔭᐅᓪᓗᑎᒃ, ᐃᓱᒪᓕᐅᖅᑎᐅᕙᒃᑐᓂᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑭᒃᑯᐃᓐᓇᕐᓄᑦ. ᖃᐅᔨᓴᕐᓂᒃᑯᓪᓗ ᓴᖅᑭᑕᐅᔪᑦ ᐱᒋᐊᕈᑕᐅᖃᑦᑕᕐᒥᖕᒪᑕ ᓄᑖᓄᑦ ᐱᓕᕆᐊᖑᓕᕈᓐᓇᕐᒥᔪᓄᑦ, ᖃᓄᖅᑑᖃᑎᒌᖕᓂᕐᒧᓪᓗ ᐱᕝᕕᒃᓴᐅᒃᑲᓐᓂᓕᕐᓗᓂ. ᓄᓇᓕᖕᓂᓕ ᖃᐅᔨᓴᕐᓂᒃᑯᑦ ᓴᖅᑭᓯᒪᔪᓂᒃ ᐊᑐᐃᓐᓇᖃᕐᓂᖅ ᐃᓄᑐᐃᓐᓇᕐᓄᑦ ᖃᐅᔨᒪᔾᔪᑎᖃᑦᑎᐊᕐᓗᑎᒃ ᖃᓄᐃᓕᒋᐊᕈᑕᐅᔪᓐᓇᕐᒪᑕ ᐊᕙᑎᐅᑉ ᒥᒃᓵᓄᑦ. ᑕᒪᒃᑯᓄᖓᓗ ᐋᖅᑭᒃᓯᐃᕙᒃᑐᓂᒃ ᐃᑲᔫᑎᖃᒃᐸᖕᒥᖕᒪᑦ ᖃᓄᐃᓕᒋᐊᕈᑕᐅᓪᓗᑎᒃ ᐅᓪᓗᑕᒫᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᕐᒥᐅᓂᑦ.




## ᒫᓇᒧᑦ ᓄᑕᐅᓕᖅᑎᑦᑎᒋᐊᕐᓃᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔨᓭᖅᑏᑦ ᑐᙵᕝᕙᕐᑯᑎᖏᓂᒃ

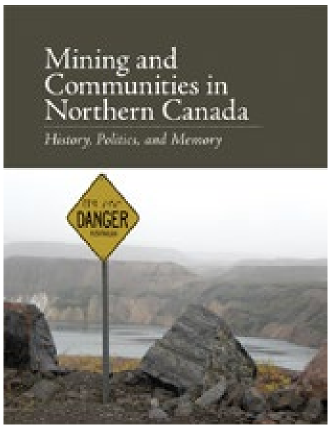
ᑕᐃᒪᙵᓂᑦ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓕᓚᐅᕐᒥᒃ 2004-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᒃᑎᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᑦ ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕐᒪᑕ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔨᓭᖅᑎᒃᑯᑦ (IRIS) ᐱᓕᕆᐊᕐᑲᓕᕈᓐᓇᕐᓂᕐᒥᒃ ᐱᓕᕆᐊᖑᒋᐊᓕᕐᑯᓪᓗᒋᑦ ᖃᐅᔨᓭᖅᑎᒻᒪᕆᐅᔪᑦ ᖃᐅᔨᒪᓂᖅᒥᒃᑎᒧᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᑦᑎᐊᖅᑕᖖᒋᑎᒧᑦ ᑐᓴᐅᒪᓕᖅᑎᑦᑎᒋᐊᕐᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓕᖅᑐᓂᒃ ᐅᑭᐅᖅᑕᑉ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᖅ ᐱᔾᔪᑎᒋᓗᒍ ᐊᑐᓂ ᓯᑕᒪᐅᓪᓗᑎᒃ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᙱᓂ ᑕᓇᐅᕐᒥᐅᑕᐅᔪᓂᑦ (ᐅᐊᓕᓂᕐᒥᐅᑦ/ᕿᑎᕐᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᙱᓂ, ᑭᕙᓪᓖᓂᕐᒥᐅᑦ ᖁᑦᑎᒃᑐᒥᐅᖏᓂ, ᓄᓇᕕᒃ/ᓄᓇᖦᓯᐊᕗᑦ, Hᐊᕐᕋᓐ ᐸᐃ). ᓯᕗᓪᓕᖅᐸᐅᓪᓗᑎᒃ ᒪᕐᕉᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᓯᑕᒪᐃᖑᔪᓂᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔨᓭᖅᑎᒃᑯᓐᓄᑦ (IRIS) ᐅᕐᑲᓕᒫᒐᓕᐊᖑᔨᒪᓕᕐᒪᑕ ᐊᒻᒪᓗ ᖃᓇᑕᐅᔭᑎᒧᑦ pdf-ᖑᖅᓯᒪᓪᓗᑎᒃ ᐋᖅᑭᒃᓯᒐᐅᓯᒪᓂᖏᑎᒧᑦ ᐊᑑᔭᐅᔪᓐᓇᖅᓯᓪᓗᑎᒃ ᐱᑐᒃᓯᒪᕚᖏᓐᓂᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᕐᑲᖅᑎᐅᒥᔪᓂᑦ ᕐᑯᕙᐊᒋᔭᐅᑦᑎᐊᓚᐅᖅᑐᓂᒃ. ᑭᖑᓪᓕᕐᒥᒃ ᐅᑭᐅᖓᓂᒃ ᐱᓕᕆᐊᕐᑲᖅᑏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐱᕚᓪᓕᖅᑎᑦᑎᒐᓱᒃᑎᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᓂᑦ (NCE) ᑮᓇᐅᔭᕐᑯᑎᑖᖅᓯᒪᓂᕐᑲᓕᖅᑎᓪᓗᕆᑦ, ᐊᓯᖏᑦ ᒪᕐᕈᒃᑲᓐᓃᒃ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂᒃ ᐊᑐᐃᓂᕐᓂᒃ ᖃᐅᔨᓭᖅᑎᒃᑯᑦ (IRIS) ᐅᕐᑲᓕᒫᓕᒐᓕᐊᒃᓴᖏᑦ ᐅᕐᑲᓕᒫᓕᙱᖅᑎᑕᓂᐊᖅᐳᑦ ᑕᐃᔭᐅᓂᕐᑲᖕᓗᑎᒃ ᐅᕐᑲᓕᒫᓕᓚᐅᙱᒃᑲᓐᓂᖅᓯᒪᓂᖏᓂᑦ ᓄᓇᕕᒃ/ᓄᓇᖦᓯᐊᕗᑦ ᐊᒃᑐᐃᓂᕐᓂᒃ ᖃᐅᔨᓭᖅᑎᖏᓂᑦ. 2016-2017-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑲᑎᒪᔨᒋᔭᐅᔪᑦ ᓴᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ ᑕᐃᔭᐅᔪᓂᒃ ᐊᑐᓕᕆᐊᖅᑎᑦᑎᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ (AACA) ᐅᓂᒃᑳᓕᐊᕆᓯᒪᔭᒥᓐᓂᒃ ᑐᙵᕝᕙᕐᑲᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᖃᐅᔨᓭᖅᑎᖏᑕ (IRIS) ᐱᓕᕆᐊᕆᕙᓪᓕᐊᓯᒪᔭᖏᓐᓄᑦ ᐊᒻᒪᓗ ᒥᑭᓪᓕᕆᐊᖅᑎᓯᒪᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓂᒃ-ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᕆᐊᕐᓂᐅᓚᐅᖅᑐᓄᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᑦ ᐱᔭᐅᓯᒪᓕᕆᐊᕐᑲᖅᑐᓂᒃ. ᑕᒪᒃᑯᐊ ᐃᖏᕐᕋᖑᑦᑎᐊᖅᓯᒪᓂᕐᑲᕋᓗᐊᖅᑎᓪᓗᕆᑦ ᖃᐅᔨᓭᖅᑎᒃᑯᑦ ᑐᙵᕝᕙᕐᑯᑎᒃᓴᖏᑦ ᓱᓕ ᐱᔭᕆᐅᔫᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᕐᑲᓪᓚ ᐅᑭᐅᑦ ᐊᓪᓱᑦ ᐊᑐᐊᓂᒃᓯᒪᓕᕖᖓᓚ ᑭᓯᐊᓂ ᒫᓇᒧᑦ ᑎᑭᑎᑕᐅᒋᐊᖅᐸᕆᐊᕐᑲᖅᑐᑎᒃ. ᐅᑭᐅᖅᑕᖅᑐᖅ, ᑭᓯᐊᓂᓗᑦᑕᐅᖅ, ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᕐᑲᓪᓚᑦ ᓱᒃᑲᓕᔪᐊᓗᒻᒥᒃ ᐊᒻᒪᓗ ᐊᑯᓂᐅᓗᐊᖅᑐᒥᒃ ᐅᑕᖅᑭᐅᖅᑎᑕᐅᕙᕆᐊᖄᓂᐊᕐᓂᖏᑦ ᐅᕐᑲᓕᒫᓕᑐᖅᑕᐅᕙᓐᓂᐊᕐᓂᖏᑕ ᐊᑯᓂᒃᑲᓪᓗᐊᖑᒻᒪᑦ ᑭᖑᕙᙳᕆᓪᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᓯᒪᓕᕐᑲᕐᓂᖏᓐᓂ. 2016-2017-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐱᓕᕆᐊᖅᑎᐅᓕᓚᐅᕐᒪᑕ ᑖᓯᒥᖕᖓ ᐱᓕᕆᐊᖃᕐᐸᓪᓕᐊᓂᐅᔪᒥᒃ ᐊᓯᔾᔨᕆᐊᕐᑎᑦᓂᐅᔭᓄᑦ **IRIS Portal-ᓂᒃ** (ᖃᐅᔨᓭᖅᑎᒃᑯᓐᓄᑦ ᐃᑎᓕᐊᕐᕕᖓᑦ) ᑕᐃᔭᐅᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᒃᐃᓐᓇᖅᑐᑎᒧᑦ: (1) ᒫᓇᒧᑦ ᑎᑭᑎᑦᑎᓯᒪᓕᕆᐊᕐᓂᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ ᐊᕙᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᖃᐅᔨᓴᐃᓂᖏᓐᓂᒃ ᐱᐅᓂᖅᓴᑎᒧᑦ ᐱᓕᕆᐊᖑᓕᕐᑯᓪᓗᕆᑦ ᐃᓱᐊᓂᑦ ᐊᑐᖅᐸᒃᑐᑦ ᐱᓯᒪᓕᕆᐊᕐᑲᕐᓂᖏᑦ ᓇᓂᔭᐅᓴᕋᐃᑦᑑᑎᑕᐅᓗᑎᒃ ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᑎᓪᓗᒍ ᑐᓴᕋᓵᕐᑯᑏᑦ; (2) ᐱᐅᓪᓚᓇᒃᑐᑎᒧᑦ ᐱᓕᕆᓂᕐᑲᓕᕐᑯᓪᓗᕆᑦ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᓂᒃ ᑭᖑᕙᖅᑎᑕᐅᓯᒪᙱᑦᑐᓂᒃ ᐱᑦᕐᑲᓕᖅᑎᑦᑎᕐᑲᑦᑕᕐᓂᐊᕐᒪᑕ; ᐊᒻᒪᓗ (3) ᖃᐅᔨᕆᐊᖅᑕᐅᓗᑎᒃ ᐱᑦᕐᑲᓕᖅᑎᑦᑎᔪᓐᓇᕐᓂᕐᒥᒃ ᐱᑦᕐᑲᕐᒪᖕᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᖃᐅᔨᓭᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕝᕙᕐᑲᖅᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᕆᐊᕐᑲᑦᑕᕐᓂᕐᒧᑦ ᐱᔮᓯᕋᕈᑎᐅᓕᕋᔭᖅᑐᓂᒃ, ᑐᕌᕝᕕᒃᓴᕐᑲᖅᑎᑕᐅᓗᑎᒃ ᐃᓚᖓᑐᑦ ᓇᖏᓂᖅ ᒪᑭᑕᔪᓐᓇᓚᕋᔭᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᕐᑲᖅᑎᐅᓂᕐᒥᓐᓂ.

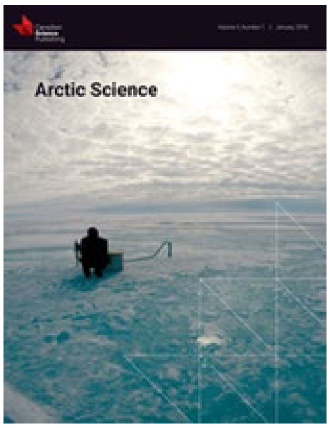
## ᐅᔭᖃᒃᑕᓇᐊᖅᑎᑦ ᐊᒃᑐᐃᓯᒪᓂᖏᑦ ᓄᓇᕐᑲᖅᑳᕐᓯᒪᔪᐃᑦ ᓄᓇᓕᒋᔭᖏᓐᓂᒃ

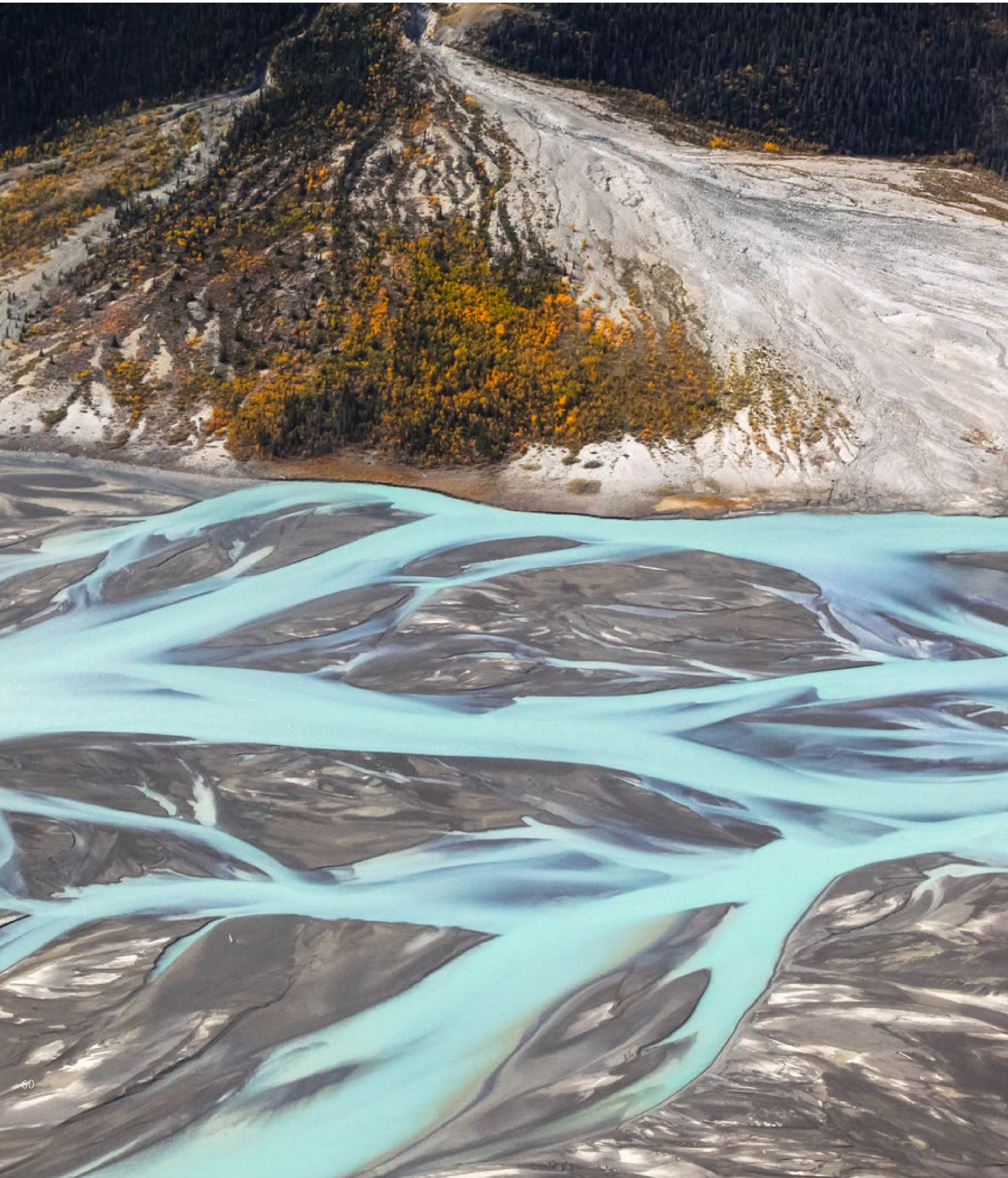
ᖃᐅᔨᓵᕐᓂᐅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᒃᑯᑎᒧᑦ ᐱᓕᕆᐊᖑᕆᓪᓕᐊᓂᖏᑦ 3-ᒥᒃ ᐱᓕᕆᓂᕐᑲᖅᑎᓪᓗᕆᑦ ᐊᖏᔪᒥᒃ ᐃᑲᔪᕈᑎᐅᓚᐅᕐᒪᑕ ᐅᕐᑲᓕᒫᓕᐊᖑᓯᒪᔪᓄᑦ ᑕᐃᔭᐅᓪᓗᑎᒃ ᐅᔭᖃᒃᑕᓇᐊᕐᓂᖅ ᐊᒻᒪᓗ ᓄᓇᓕᒋᔭᐅᔪᐃᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ: ᐱᓕᕆᓂᐅᓯᒪᔪᑦ, ᒐᕙᒪᓕᕆᓃᑦ, ᐊᒻᒪᓗ 2015-ᒥ ᐱᓕᕆᐊᖑᓯᒪᔪᑦ ᐃᖅᑲᐅᒪᓪᓗᕆᑦ ᑎᑎᕋᖅᑕᐅᓪᓗᑎᒃ ᐋᕐᓐ ᑮᓕᖕᒥᑦ ᐊᒻᒪᓗ ᔩᓐ ᓵᓐᔅᒥᑦ, ᐃᓕᓴᐃᔨᒻᒪᕆᐅᕝᕕᒃ ᓄᓇᓕᕆᓂᕐᒥ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓯᒪᔪᑦ, ᒪᓕᒃᑐᕐᑲᐅᑉᐸᓪᓕᐊᓂᕐᑲᖅᑐᑎᒃ, ᒥᒧᐊᓇᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖕᓂ ᓂᐅᕿᐅᓐᑖᓐᒥ. ᑖᒃᑯᐊ 456-ᓂᒃ ᒫᒃᐱᕋᕐᑲᖅᑐᑎᒃ ᐅᕐᑲᓕᒫᓚᐃᑦ ᖃᐅᔨᕆᐊᕐᓂᕐᑲᖅᐳᑦ ᐃᓅᓯᓕᕆᓂᐅᔪᖅ, ᐱᕙᓪᓕᐊᔪᓕᕆᓂᕆᓂᐅᔪᖅ, ᐊᒻᒪᓗ ᐊᕐᕆᓕᕆᓂᐅᔪᖅ ᐊᒃᑐᐃᓯᒪᓂᖏᑕ ᐅᔭᖃᒃᑕᓇᐊᖅᑎᑦ ᓄᓇᕐᑲᖅᑳᕐᑐᑦ ᓄᓇᓕᒋᔭᖏᓐᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᐃᓯᒫᔪᑎᕐᑲᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐊᖏᔪᒥᒃ ᐃᓅᓯᓕᕆᓂᕐᒥ ᖃᐅᔨᓵᕐᓂᐅᔪᓄᑦ ᐃᑲᔪᖅᓯᒪᓂᖏᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ.

## ᓄᑖᑦ ᐃᖅᑲᓇᐃᔭᕐᑲᑎᒥᑦ ᕿᒥᕐᕈᔭᐅᓯᒪᓪᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ‘ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᖅ’

ᓯᕗᓪᓕᖅᐸᐅᓪᓗᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᖅ ᓄᑖᖑᓪᓗᑎᒃ ᑕᖅᑭ ᐱᖓᓱᑦ ᓈᓯᒪᓕᖅᑎᓪᓗᕆᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᕙᓂᐊᖅᑐᓄᑦ ᒪᑐᐃᕈᑎᐅᒻᒪᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂ ᐱᑦᕐᑲᖅᑎᑦᑎᕙᓂᐊᐊᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᒥᒃ ᑕᐃᔭᐅᔪᓂᒃ, ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐅᕐᑲᓕᒫᓕᐅᖅᑎᖏᓐᓂᑦ, ᓴᖅᑭᑕᐅᓚᐅᕐᒪᑕ ᓯᑦᑎᐱᓇ 2015-ᒥ. ᐋᖅᑭᒃᓱᐊᓇᔭᐅᓪᓗᑎᒃ ᐱᓕᕆᐊᖅᑎᑦ ᑐᑭᓯᐊᖅᑎᖓᓂᑦ ᖃᐅᔨᓭᖅᑎᐅᓪᓗᓂ ᒍᕆᒡ Hᐃᓐᓇᒥᑦ, ᐃᓕᓴᐃᔾᔨᐊᖑᔪᒥᑦ ᓄᓇᓕᓈᒃᑯᓐᓂ ᓯᓚᑦᑐᖅᓴᕐᕖᔭᐊᖑᓂ ᐳᕈᑎᔅ ᑲᓚᒻᐱᐊ, ᑖᒃᑯᐊ ᐊᒥᓱᐃᓂᑦ ᐱᓕᕆᐊᖑᓯᒪᓂᖅᑕᖅᑐᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᖅᑲᓇᐃᔭᕐᑲᑎᒥᑦ ᕿᒥᕐᕈᔭᐅᓯᒪᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᐅᓯᒪᔪᓂᒃ ᐅᓂᒃᑳᖅᑐᑎᒃ ᑕᒪᐃᓐᓂᑦ ᐱᓕᕆᓂᐅᓯᒪᔪᓂᑦ ᑐᕌᖓᓪᓗᑎᑦ ᓄᓇᒥ ᐊᕙᑎᐅᔪᒧᑦ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᓴᓇᔾᔪᑎᓕᕆᓂᕐᓄᑦ ᑐᕌᖓᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ.





# ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᖃᐅᔨᓴᕐᓂᒃᑯᑦ ᓴᖅᑭᑎᓯᒪᔭᕆᑦ

www.aina.ucalgary.ca/arcticnet

**2,000+**

**ᐅᖓᑖᓄᑦ ᖃᐅᔨᓴᕐᓂᒃᑯᑦ ᓴᕿᑕᐅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᖃᐅᔨᓴᖅᑎᕆᓐᓂᑦ 2015-2017**

**3,600+**

**ᐅᖓᑖᓄᑦ ᓴᖅᑭᑕᐅᓯᒪᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᑎᑎᕋᖅᓯᒪᔪᕐᑯᑎᕆᑦᑕ ᐃᓗᐊᓃᑦᑐᑦ**

ᐊᒥᓲᓂᕆᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᓴᖅᑭᑕᐅᕙᑦᑐᑦ ᑲᔪᓯᑐᐃᓐᓇᖅᐳᑦ ᐱᕈᖅᐸᓪᓕᐊᕙᑦᑐᑎᒃ ᐊᕐᕋᒍᑕᓖᑦ, ᓴᖅᕿᔾᔪᑕᐅᓪᓗᓂ ᐊᐅᓪᓚᑎᐊᕐᓂᕆᓐᓂᑦ ᐱᓪᓚᒃᓴᖅᓯᒪᔭᕆᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᕆᒍᑦ ᐊᒻᒪᓗ ᐊᔾᔨᕋᕆᑦᑐᓄᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᕙᑦᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕋᕆᑕ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ. ᐅᑭᐅᓐᓄᑦ ᒪᕐᕉᒃ ᐊᓂᒍᖅᓯᒪᓕᖅᑐᓂ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕋᒃᑯᓐᓄᑦ ᐃᓚᒋᔭᐅᔪᐃᑦ ᓴᖅᑮᓯᒪᓕᕐᒪᑕ ᐅᖓᑖᓄᑦ 2,000 ᖃᐅᔨᓴᕐᓂᒃᑯᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ, ᐃᓚᖃᖅᑐᑦ ᐅᖓᑖᓄᐊᖅᑐᓂᒃ 670 ᓂᓪᓚᐊᑕᐅᓯᒪᔪᑦ ᓴᖅᑮᔭᖅᐸᕆᖅᑐᓂᒃ ᐅᖃᓪᓚᐅᓯᓂᒃ ᐊᒻᒪᓗ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕆᑦ ᓴᖅᑭᖃᑦᑕᖅᑕᕆᑦ ᑎᑎᖅᑲᐃᑦ ᖃᕋᓴᐅᔭᒃᑯᑦ ᐃᓗᓕᖃᓕᖅᐳᑦ ᑲᑎᑦᑐᑦ ᐅᖓᑖᓂ 3,600 ᓴᖅᑭᑕᐅᓯᒪᔪᑦ ᐃᓚᓕᐅᑎᓪᓗᑎᑦ 2,300 ᓴᖅᑭᑕᐅᕐᑯᔭᐅᓯᒪᔪᑦ. ᖃᕋᓴᐅᔭᒃᑯᑦ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓯᒪᔪᑦ ᓄᑖᙳᖅᑎᑕᐅᒃᑲᑦᑕᖅᐳᑦ ᐊᕐᕋᒍᑕᓖᑦ ᐊᒻᒪᓗ ᐊᐅᓚᑕᐅᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓄᑦ ᐊᒻᒪᓗ ᐱᔭᕐᓂᕆᑦᑐᓕᕆᔾᔪᑦ ᑐᑭᓯᒋᐊᕈᑎᕆᒍᑦ (ASTIS), ᐱᓕᕆᐊᕐᒎᔪᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᓕᓐᓂᐊᕐᕕᓐᓄᑦ ᑲᓇᑕᒥ ᐊᒥᐊᓕᒐᕐᓂᓪᓗ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖓᓐᓂᑦ ᑳᒍᓇᒥ.

# ᐅᑭᐅᖅᑕᖅᑑᑉ ᒥᒃᓵᓄᑦ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓯᒪᔪᑦ ᐃᓗᓕᕆᑦ

www.polardata.ca

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕌᑦ ᐃᓕᑕᖅᓯᓯᒪᒐᖅ ᐱᒻᒪᕆᐅᓂᖓᓂ ᐊᐅᓚᑦᑎᒋᐊᖃᖅᑐᑎᒃ ᐱᔪᒥᓇᖅᑐᒻᒪᕆᓐᓂᑦ ᖃᐅᔾᔨᑎᐅᔪᓂᑦ ᐊᒻᒪᓗ ᑎᑎᖅᑲᓂᒃ ᑲᑎᑎᕆᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒃᑯᓐᓄᑦ ᖃᐅᔨᒪᒋᐊᖁᓪᓗᕆᑦ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᑎᐊᖁᓪᓗᕆᑦ ᑲᑐᔾᔨᓂᐅᕙᑦᑐᑦ ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᔪᑕᐅᕙᑦᑐᑦ ᑎᑎᖅᑲᓂᒃ ᑲᑎᑎᖅᑕᐅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᕿᒪᐃᓂᐊᖅᑐᓂᒃ ᐃᖅᑲᐅᒪᔭᐅᕆᓐᓇᕐᓂᐊᖅᑐᓂᒃ. ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓂᕆᑦ (PDC) ᑕᖅᑲᒃᑯᓄᓐᖔᖓᕗᖅ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᓯᒪᔪᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕐᓄᑦ ᐊᒻᒪᓗ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᓪᓗᑎᒃ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥ ᖃᐅᔨᓴᕐᓂᐅᕙᑦᑐᑦ, ᐃᓚᓕᐅᑎᓪᓗᑎᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓱᕈᓐᓇᖅᑐᓂᒃ ᖃᐅᔨᓴᕐᓂᖅ (NCP) ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒥ ᐸᐅᕐᓇᐅᕆᓂᒃᓂ (NGMP)ᓄᓇᖃᖅᑳᖅᓯᒪᔪᓕᕆᔨᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᒃᑯᑦ ᑲᓇᑕᒥ, ᓯᓚᕐᔪᐊᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᐊᔾᔨᕆᓐᓂᕆᑦᑐᓂᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᖅ, ᑲᓇᑕ ᓯᓚᕐᔪᐊᕐᒥ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᐊᕐᕌᒍᐊᓂ ᐱᓕᕆᐊᖅ, ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᖁᑦᑎᒃᑐᓂᕐᒥᐅᓂ ᖃᐅᔨᓴᕐᕕᖓᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᓕᕆᔨᒃᑯᕆᓐᓄᑦ ᑲᓇᑕᒥ (POLAR).

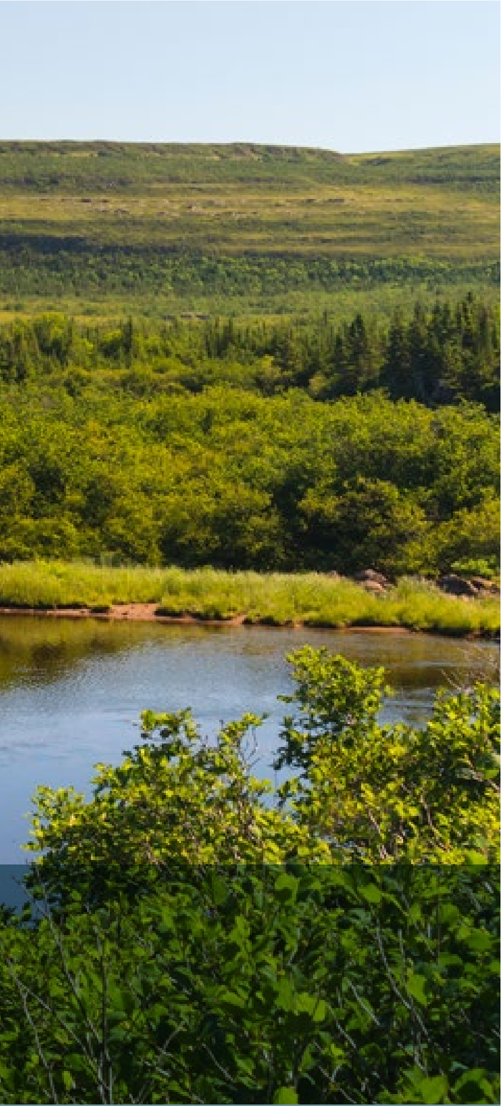
ᐊᒥᓱᑦ ᐊᕆᔪᐊᓗᒻᒥᒃ ᐱᓕᕆᓂᐅᓯᒪᓕᖅᑐᑦ 2015-ᒥᑦ 2017-ᒧᑦ ᒪᑯᓂᖓ ᐃᓚᖃᖅᐳᑦ:

- ᑲᓇᑕᐅᑉ ᓯᑯᖓᓂ ᑐᑭᓯᕆᐊᕐᕖᑦ/ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓂᕆᑦ (CCIN/PDC) ᑲᑎᒪᓂᖅᑲᖅᑎᑦᑎᓚᐅᖅᐳᑦ ᑐᓪᓕᕆᔭᖓᓂᒃ ᑲᓇᑕᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᖅᑲᖅᑎᓂᒃ ᑲᑎᒪᓂᖓᓐᓂᒃ ᐋᑐᕋᒥ ᒪᐃ 2017-ᒥ ᐋᖅᑭᒃᓯᐃᓂᖃᕐᓂᐊᖅᑐᑎᒃ ᐊᒻᒪᓗ ᐱᓕᕆᐊᕆᓯᒪᓕᕐᓂᐊᕐᓗᑎᑦ ᐊᐅᓚᑦᓯᔾᔨᐅᓂᕐᒧᑦ ᐋᖅᑭᐅᒪᓂᕆᔭᐅᓂᐊᖅᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᕐᑯᑎᐅᔪᓄᑦ ᑲᓇᑕᒥ.
- ᑲᓇᑕᐅᑉ ᓯᑯᖓᓂ ᑐᑭᓯᓂᐊᕐᑎᒃᑯᑦ (CCIN) ᐃᑲᔪᖅᑐᐃᖃᑦᑕᖅᓯᒪᕗᑦ ᐱᓕᕆᐊᖃᖅᑲᑎᒋᔭᒥᓐᓂᒃ ᐋᖅᕿᓯᒪᓕᕐᑯᑦᑐᑎᑦ ᑎᑎᖅᑲᕐᑯᑎᓄᑦ ᐊᐅᓚᑦᓯᓂᕐᒥ ᑐᙵᕝᕕᑯᑎᐅᓂᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᑐᑭᒧᐊᒍᑎᒃᓴᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᓂ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒧᑦ (http://bit.ly/2rVhsYA) ᑐᑭᒧᐊᒍᑎᐅᕙᓐᓂᐊᖅᑐᑎᒃ ᑎᑎᖅᑲᕐᑯᑎᓄᑦ ᑐᕋᖓᓪᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐸᔾᔨᑎᕆᓪᓗᑎᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓱᕈᓐᓇᖅᑐᓂᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ (NCP), ᓄᓇᕗᒻᒥ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒥ ᐸᐅᕐᓇᐅᕆᓂᕐᓂᒃ (NGMP), ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᓕᕆᔨᒃᑯᕆᑦ ᑲᓇᑕᒥ (POLAR), ᐊᒻᒪᓗ ᐊᓯᖏᓂᒃ ᐱᓕᕆᐊᖑᓕᕈᒪᓂᐅᔪᓄᑦ.
- ᐱᔾᔪᑎᒋᓪᓗᑎᑦ ᐊᑐᖅᐸᒃᑐᓂᑦ ᐅᖃᐅᓯᒃᓴᕆᔭᐅᔪᑦ, ᓄᑖᙳᖅᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓂᕆᓐᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᓕᐊᖑᓯᒪᔪᑦ ᐊᒻᒪᓗ ᑎᑎᖅᑲᖁᑎᓂᒃ ᐃᓕᐅᖅᑲᐃᕙᓪᓕᐊᔾᔪᑎᓂᒃ ᖃᕆᑕᐅᔭᑎᒍᑦ ᓴᖅᑮᓯᒪᓕᓚᐅᖅᐳᑦ, ᑐᑭᓯᕋᐃᓐᓇᖅᓯᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᐅᓪᓗᒥᐅᓕᖅᑐᒥ ᐊᑐᖅᑕᐅᕙᓕᖅᑐᓂᒃ ᒪᓕᓕᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓪᓗᑎᒃ ᖃᓪᓗᓈᑎᑐᑦ ᐊᒻᒪᓗ ᒍᐃᒍᐃᑎᑐᑦ.

ᐱᒋᐊᖅᑎᑕᐅᓪᓗᑎᒃ ᐊᐅᔭᖓᓂ 2017, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓯᒪᔪᑦ ᐃᓗᓕᖃᖅᐳᑦ ᐅᖓᑖᓄᑦ 940 ᑎᑎᖅᑲᐃᑦ ᑲᑎᑎᖅᑕᐅᓯᒪᓂᕆᓐᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᓂᒃ ᐱᔭᐅᓯᒪᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᕆᓂᑦ ᐊᒻᒪᓗ ᐅᖓᑖᓄᑦ 2.4 ᒥᓕᐊᓐᓂᑦ ᑎᑎᖅᑲᕐᑯᑎᕆᔭᐅᔪᓂᒃ, ᐃᓚᖃᖅᑎᓪᓗᑎᑦ ᑎᑎᖅᑲᕐᑯᑎᓂᒃ ᑲᑎᑕᐅᓯᒪᓂᖅᑲᖅᑐᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᒥᑎᓪᓗᑎᑦ CCGS ᐋᒪᓐᓴᓐᒥ ᓯᓚ ᕿᒥᕐᕈᔭᐅᓂᖅᑲᖅᑐᑦ ᖃᓇᑕᐅᔭᑎᒍᑦ ᐃᓕᐅᖅᑲᑌᓚᐅᖅᑳᕐᑎᓐᓇᒋᑦ.

# ᓇᓄᓇᐃᖅᓯᔾᔪᑎᓄᑦ ᐊᑐᐊᕐᓄᑦ ᐊᒻᒪᓗ ᐃᔾᔪᐊᕈᒥᓇᖅᑐᓂᒃ ᐱᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᐃᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᖃᐅᔨᓴᕐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᓄᑦ ᒪᓕᒐᕐᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒪᓂᕐᓂᒃ ᑐᓂᔭᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᓇᓄᓇᐃᑦᑐᒥᒃ ᐃᑲᔪᕈᑎᒃᓴᓂᒃ ᒪᓕᒐᕐᑯᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᑎᐅᕙᓐᓂᕐᓄᑦ ᑐᓂᔭᒪᓕᖅᐳᑦ. 2012-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᒃᑯᑦ ᕿᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᕐᓂᕐᑲᓚᐅᖅᐳᑦ "ᐅᖅᓯᕆᐊᑉ ᑕᓯᖓ: ᐊᕙᑎᒋᔭᕗᑦ, ᐋᓐᓂᐊᕐᑲᓕᖅᑕᐃᓕᒫᔪᑎᕗᑦ", ᐱᓕᕆᐊᒥᒃ ᓯᕗᓕᖅᑎᕐᑳᖅᑐᑎᒃ ᔫᑦᑖᖅ ᑐᕆᕗᕐ ᐱᐅᑦ, ᒥᒧᐊᕆᐅᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᖕᒐᓂᑦ, ᐋᖅᑭᒃᓯᐃᓯᒪᓕᕐᑯᑦᑐᒍ ᐆᒪᓂᕐᒃᖅᑐᓕᕆᓂᕐᒥ ᐃᓕᖕᖑᓐᓂᐅᔪᓂᒃ ᓇᐅᑦᓯᖅᑐᐃᔾᔪᑎᐅᕙᓕᕐᓂᐊᖅᑐᑎᒃ ᓴᓇᕙᐅᔪᑦ ᐱᓕᕆᐊᕐᑲᕐᓂᖏᑕ ᐊᒃᑐᐃᓂᕐᑲᕐᓂᖏᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᕙᑎᐅᔪᓂᒃ ᑰᖕᕙᐅᕙᓪᓕᐊᓂᕐᓂᒃ ᐊᒻᒪᓗ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᓐᓂᒃ ᖁᖓᒍᑦ ᐃᑯᒪᓕᐅᕈᑎᓂᒃ ᐱᕙᓪᓕᐊᓕᖅᑎᑦᑎᓂᐊᖏᕐᓂᖕᒋᓐᓂ. ᑕᐃᒪᓗ ᓯᕗᓪᓕᕆᐊᖅᑎᓪᓗᒋᑦ ᐅᒃᑐᐱᕆ 2016-ᒧᑦ, ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᖃᓄᐃᓕᖓᓕᕐᓂᐅᔪᑦ ᓵᓕᕆᔭᐅᓂᖃᕈᓐᓇᕋᑎᒃ ᓇᓄᓇᐃᖅᓯᔾᔨᒪᓕᓚᐅᕐᒪᑕ ᑰᒃᕙᐅᑎᑦᑎᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᒪᓪᓗᑎᒃ ᐸᕐᓇᐅᑎᑦ ᐱᑕᖃᕆᑎᐅᓇᔾᔪᕐᓂᖏᑕ ᐊᕐᕿᕐᕿᔾᔭᒥᑦ ᑐᕐᑯᓐᓇᖅᑐᖃᕐᑲᖅᑎᑦᑎᓗᑎᒃ ᐃᒪᖃᕐᕖᔭᕐᑯᑎᐅᔪᒧᑦ. ᑖᓐᓇ ᐱᓕᕆᐊᖑᔪᖅ ᐱᔾᔪᑎᒋᓪᓗᒍ ᓂᐅᕙᐅᓐᓌᓐᒥ ᐊᒻᒪᓗ ᓚᐸᑐᐊᕆᒥ ᒥᓂᔅᑕ ᑐᕙᐃ ᐹᐊᑦ, ᐊᐃᕙᔾᔪᑎᖃᕐᑲᖅᓯᒪᑎᓪᓗᒋᑦ ᒫᒃᑦᕌᑦ ᕚᓪᓴᓂ ᐱᓕᕆᐊᖑᔪᒧᑦ ᓈᒻᒪᒋᓐᓂᐅᔪᓄᑦ, ᐋᖅᑭᒋᐊᖅᑎᑦᑎᓯᒪᓕᓚᐅᕐᒪᑦ ᕝᕙᒪᒃᑯᑦ ᖃᓄᐃᓕᖓᓂᕋᔭᖕᒐᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᐊᒃᓴᖃᕐᑲᖅᑎᑦᑎᓪᓗᓂ ᑕᒪᕐᒥᒃ ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᐃᓯᒪᓕᐅᕈᑎᐅᔪᑦ "ᐊᑐᕐᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᒃᓴᖅᑎᑦᑎᓗᑎᒃ ᐱᓕᕆᓂᐅᕙᕆᐊᖃᕐᓂᐊᕐᒪᑕ" ᐱᕆᐊᖅᑎᑦᑎᓯᒪᓕᕐᓂᒃᑯᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑲᑎᒪᔨᕋᕐᖁᑎᓂᒃ ᐱᓕᕆᐊᒃᓴᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᖃᐅᔨᕆᐊᕐᓂᕐᒥᒃ ᖃᓄᖅ ᐊᕐᕿᕐᕿᔾᔭᒥᒃ ᑐᕐᑯᓐᓇᖅᑐᖃᕐᑲᖅᑎᑦᑎᓯᒪᓂᐅᔪᑦ ᖁᑦᑎᖕᓂᖕᒋᑦ ᒥᑭᓪᓕᕆᐊᖅᑎᑕᐅᔪᓐᓇᕐᒪᖔᑕ.



## ᓴᖅᑭᓚᐅᖅᓯᒪᔪᖏᑦ ᓱᓇ ᑯᑦᔨᐅᕐ, ᓲᐲᓱ ᐱᕙᓪᓕᐊᔪᑦ, ᐅᒃᑐᐱᕆ 26, 2016

### ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᑦ ᓵᓚᒃᓴᐅᑎᖃᖅᐳᑦ

‘ᐊᖏᕈᑎᒋᓯᒪᔪᖏᑦ ᓂᐅᕙᐅᓐᓛᒥᐅᓄᑦ ᐊᒻᒪᓗ ᐃᓄᓐᓄᑦ ᓯᕗᓕᖅᑎᒋᔭᐅᔪᓄᑦ ᓵᓚᒃᓴᐅᑎᑖᖑᕗᖅ ‘ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᖃᖅᑐᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕐᓂᕐᒥᒃ,” ᐅᔭᕋᓕᕆᔨ ᐅᖃᖅᑐᓂ. ᖃᐅᔨᓴᐃᓃᑦ ᓯᕗᓕᖅᑎᖃᖅᑐᑎᒃ ᐱᐅᓪᒥᒃ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓪᓗᑎᒃ ᐃᓚᐅᑎᓪᓗᒋᑦ ᓯᓚᑦᑐᖅᓴᕝᕙᔾᔪᐊᖓ ᒫᓂᑑᐸᒥ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᑦ Hᐋᕐᕗᑦ ᓯᓚᑦᑐᖅᓴᕝᕙᔾᔪᐊᖓᓂᑦ ᖃᐅᔨᓯᒪᓕᓚᐅᕐᒪᑕ ᑰᒃᑎᑦᑎᓂᒃᑯᑦ ᐃᒪᕐᒥᒃ ᖁᕝᕙᓯᒃᓯᒋᐊᖅᑎᑦᑎᔪᓐᓇᕐᒪᑦ ᐊᕿᖀᔭᖃᕐᓂᖓᓂᒃ ᐅᖅᓱᕆᐊᖅ ᑕᓯᖓᓂ ᐅᖓᑖᓄᐊᖅᓯᒪᒻᒪᕆᒃᑯᓂ ᐱᑕᖃᓕᕝᕕᐅᕙᓐᓂᖓᓂᑦ. ᓇᒃᓴᖅᓱᒋᑦ ᑖᒃᑯᐊ ᖃᐅᔨᒪᓂᕆᓕᖅᑕᒥᓐᓂᒃ, ᓈᒻᒪᒃᓴᐃᙱᓐᓂᕐᒥᓐᓂᒃ ᓇᓗᓇᐃᖅᓯᒋᐊᖅᓯᒪᔪᑦ ᐃᒪᖃᕝᕕᐅᕙᒃᑐᒦᒋᐊᓕᓚᐅᖅᐳᑦ ᐱᓇᓱᐊᕈᓯᐅᓚᐅᖅᑐᒥ ᓴᐱᓯᒪᓕᕆᐊᖅᑐᒍ ᑰᒃᕕᐅᑎᑦᑎᓕᕈᒪᓂᖅ. ᐱᖓᑦᑎᕐᒥ, ᐳᕌᕕᓐᓯᐅᔪᒧᑦ ᐊᒻᒪᓗ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓄᑦ ᓯᕗᓕᖅᑎᒋᔭᐅᔪᑦ ᐊᖏᕈᑎᖃᕈᓐᓇᖅᓯᓚᐅᖅᐳᑦ ᐋᖅᑮᔾᔪᑎᐅᓯᒪᓕᕐᓂᐊᖅᑐᒥᒃ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑲᑎᒪᔨᕋᓛᖏᓂᒃ ᖃᐅᔨᕆᐊᖅᑎᐅᓂᐊᖅᑐᓂᓕᒃ ᖃᓄᖅ ᐊᕿᖀᔭᖃᕐᓂᐅᔪᒧᑦ ᑐᖁᓇᖅᑐᒥᒃ ᖁᑦᑎᖕᓂᐅᔪᐃᑦ ᒥᑭᓪᓕᒋᐊᖅᑎᑕᐅᔪᓐᓇᕆᐊᖏᑕ, ᐊᒻᒪᓗ ᐃᒻᒪᖄ ᒪᑐᐃᖅᓯᔾᔪᑎᐅᓯᒪᓕᕐᑐᓂ ᐃᒪᖃᕝᕕᒃᓴᐅᑉ ᐋᖅᑭᒃᓱᐊᖑᓕᕋᔭᕐᓂᖓᓂᒃ. ᐱᐅᓪ ᐅᖃᖅᑐᓂ ᓵᓚᒃᓴᐅᑎᑖᖑᒻᒪᑦ ᑕᐃᒪᙵᓂᑐᖃᒻᒪᕆᒃ ᐃᓱᒪᖅᓯᕈᓐᓇᐅᑎᖃᖅᑐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᓄᑦ ᑐᙵᕕᖃᖅᑐᑎᒃ ᒪᓕᒐᕐᑯᑎᐅᓕᖅᑐᓄᑦ. “ᐊᖏᕈᑎᒋᔭᐅᓯᒪᔪᑦ ᐱᒻᒪᕆᐅᑎᑕᐅᓪᓚᕆᒻᒪᑕ ᓛᐸᑐᐊᕆᒥᐅᓄᑦ ᐊᒻᒪᓗ ᒪᒃᑯᕝᕕᒥ, ᑭᓯᐊᓂᓗ ᐊᒃᑐᐃᓯᒪᓂᖃᖅᐳᑦ ᐅᖓᑖᓄᐊᖅᓯᒪᔪᓂᒃ ᓛᐸᑐᐊᕆᐅᑉ ᐊᒻᒪᓗ ᑲᓇᑕᓕᒫᒥ ᑰᒃᑐᒥ ᐅᐊᔭᐅᑎᓕᐅᖅᐸᓐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕕᖃᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᓯᒪᓂᕐᓄᑦ,”

ᐱᐅᓪ ᐅᖃᖅᑐᓂ.

# ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᐱᕙᓪᓕᐊᔾᔨᑦ

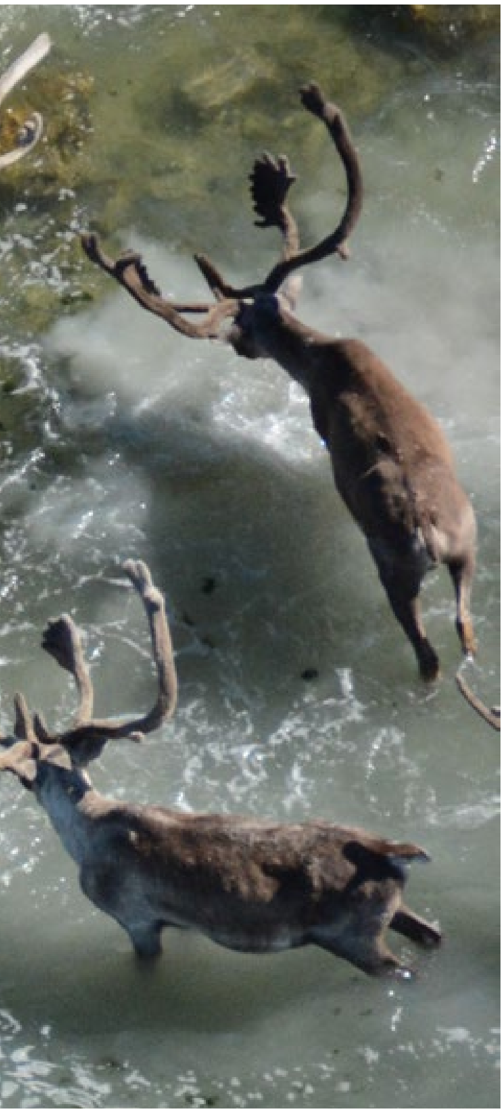
**1,200+**

**ᖁᓪᓗᐊᖅᑐᑦ ᐱᕙᓪᓕᐊᔪᑎᒍᑦ ᑎᑎᖅᑲᒃᑯᑦ ᐊᒻᒪᓗ ᓴᖅᑮᔭᖅᑎᑕᐅᔪᒃᑯᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᖃᐅᔨᓴᕐᓂᖏᑦ 2015-2017**

**350+**

**-ᐅᓪᓗᐊᖅᑐᑦ ᑎᑎᖅᑲᐃᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔾᔪᑦ ᐅᓂᒃᑳᑦ ᓴᖅᑭᑕᐅᓚᐅᖅᐳᑦ 2015-ᒥ ᐊᒻᒪᓗ 2016-ᒥ ᑲᑎᒪᕕᒃᔪᐊᕐᓂᖏᓐᓂᑦ**

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᖃᐅᔾᔨᑎᕐᑲᖅᑐᒻᒪᕆᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔨᑕᕐᑲᖅᑐᑎᒃ, ᐱᓕᕆᕐᑲᑎᒌᑦᑐᑦ ᐊᖓᔪᖅᑳᖏᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᖃᐃᖅᑯᔭᐅᕐᑲᑦᑕᖅᐳᑦ ᐱᕙᓪᓕᐊᔪᓕᕆᔩᓄᑦ ᐊᐱᖅᓱᖅᑕᐅᒍᒻᒪᓪᓗᑎᒃ ᐱᔾᔪᑎᖅᑲᖅᑐᓂᒃ ᐱᒻᒪᕆᐅᓂᖏᓐᓂᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ, ᐃᓄᖏᓐᓂ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᓕᒫᒥ. ᐊᒥᓱᑦ ᐱᓕᕆᐊᑦ ᐊᐅᓚᑕᐅᔾᔪᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᓄᑦ ᖃᐅᔨᓴᖅᑎᓄᑦ ᐊᒃᓱᒻᒪᕆᒃ ᓴᖅᑮᔭᖅᑎᑕᐅᓚᐅᖅᐳᑦ ᐱᕙᓪᓕᐊᔪᓄᑦ 2015-2017-ᒥ, ᑲᑎᑎᕆᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᓐᓂᑦ ᐊᒥᓱᓄᑦ ᑕᐅᑐᑦᑕᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐅᖃᓕᒫᖅᑕᐅᓪᓗᑎᒃ ᓯᓚᕐᔪᐊᕐᒥ.



## ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᕐᓂᐅᔪᑦ

ᔮᓄᐊᕆ 2017-ᒥ, ᓴᖅᑮᓯᒪᓕᓚᐅᕐᓂᖓᑦ ᑐᓴᖅᑎᑦᑎᓂᒃᑯᑦ In $18.2-ᒥᓕᐊᓪᑖᓚᓂᒃ ᑮᓇᐅᔭᕐᑯᑎᖃᖅᑎᑦᑎᓂᐊᕐᓂᕐᒧᑦ ᐅᒥᐊᕐᔪᐊᒥᒃ CCGS ᐊᒪᓈᓗᑦ ᒥᓂᔅᑕ ᑰᔅᑎ ᑕᓐᑲᓐ, ᒥᓂᔅᑕᑭᔭᐅᔪᖅ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒧᑦ, ᐊᖏᔪᐊᓗᒻᒥᒃ ᑲᓇᑕᓕᒫᒥ ᑐᓴᐅᔅᓴᑎᒍᑦ ᐅᖃᓪᓚᐅᓯᐅᓯᒪᓕᓚᐅᕐᐳᖅ. ᓴᓂᕝᕙᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᔾᔪᑎᒋᓪᓗᒍ ᐊᖏᔫᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᓄᑦ (MSI) ᓵᓚᒃᓴᐅᑎᑖᕋᓯᐊᖅᑎᑦᑎᓂᖏᓐᓄᑦ ᑲᓇᑕᒥ ᓄᑖᑎᒍᑦ ᐱᓕᕆᐊᕐᑲᖅᑎᒃᑯᑦ (CFI), ᑖᒃᑯᐊ ᑮᓇᐅᔭᐃᑦ ᑲᔪᓯᑎᑦᑎᔾᔪᑎᐅᓂᐊᖅᐳᑦ ᐊᐅᓚᓪᓯᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᓂᐅᔪᓂᒃ ᖃᐅᔨᓴᕐᕕᐅᔪᓄᑦ ᑐᙵᕝᕕᒋᔭᐅᔪᓂᑦ ᑎᑭᓪᓗᒍ 2022 ᐅᑭᐅᖓ. ᑐᓴᐅᔅᓴᑎᒍᑦ ᓴᖅᑭᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᑲᓇᑕᐅᑉ ᒐᕙᒪᖓᑦ ᐱᓕᕆᐊᒃᓴᕐᑲᕐᓂᖓᑕ ᐱᔾᔪᑎᒋᓪᓗᒍ ᐅᒥᐊᕐᔪᐊᖅ CCGS ᐋᒪᓐᓴᓐ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᐳᑦ ᓈᒻᒪᑦᑎᐊᖅᑐᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᓂᖓᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᑐᕌᖓᑎᑕᐅᓪᓗᑎᒃ.

ᐊᖏᔪᐊᓘᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐆᒪᔪᕐᑯᑎᓂᒃ ᐆᒪᔪᓕᕆᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐆᒪᓂᖃᖅᑐᓕᕆᓂᐅᔪᑦ ᐱᓗᐊᖅᑐᒥᒃ ᐅᖃᓪᓚᐅᓯᐅᖃᑦᑕᓚᐅᖅᐳᑦ ᑎᓯᐱᕆ 2016-ᒥ. ᐱᓕᕆᐊᖃᖅᑎᑦ ᖃᐅᔨᓴᖅᑎᖏᑦ ᐋᓐᑐᕉ ᑎᕉᓴᐃ, ᔫᓴᓐ ᑰᑦᔅ ᐊᒻᒪᓗ ᓯᑏᕙᓐ ᕚᕐᒍᓴᓐ ᑐᓴᐅᔅᓴᓕᕆᔨᓂᒃ ᑐᓴᖅᑎᑦᑎᓯᒪᓕᓚᐅᖅᐳᑦ ᐊᒥᓲᔪᓐᓃᖅᐸᓪᓕᐊᓂᖏᑕ ᓇᓄᐃᑦ, ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᑕ ᐃᓕᙱᐃᓯᒪᓕᖅᑎᑦᑎᓂᖓᓄᑦ ᐅᒥᖕᒪᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑎᑕᐅᑦᑕᐃᓕᒪᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐊᒥᓲᓂᖏᓐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂ ᐆᒪᔪᓂᒃ ᓂᕿᖃᖅᐸᒃᑐᑦ ᕼᐊᑦᓴᓐ ᐸᐃᒥ, ᒪᓕᒃᑐᕋᐅᑎᑎᓪᓗᒋᑦ ᐅᖃᐅᓯᐅᔪ ᑖᒃᑯᓇᓂ.

2015-2017 ᐅᑭᐅᖏᑦ ᐊᑐᕐᓂᓕᒫᖏᓂ, ᓄᑖᖑᓪᓗᑎᒃ ᐱᓕᕆᐊᖃᕐᑲᑎᒌᓕᕐᓂᐅᔪᑦ ᓴᓇᕗᓐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔨᒪᓇᓂᒃ ᑕᑯᔅᓴᐅᑎᑕᐅᖃᑦᑕᓚᐅᖅᐳᑦ ᑲᓇᑕᓕᒫᒥᐅᓄᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᓄᑦ. ᐊᐃᐱᕆ 2015-ᒥ, ᑐᓴᖅᑎᑦᑎᓯᒪᓕᕐᓂᖅ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᐊᖃᕐᑲᑎᒌᓕᕐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ, ᑲᓇᑕᒥ ᐅᖅᓱᐊᓗᓐᓂᐊᖅᑎᒃᑯᑦ ᓯᑕᑐᐃᐅᑦ, ᖃᐅᔨᓴᕈᑎᓂᒃ ᑎᑎᖅᑲᓕᕆᔩᒃᑯᑦ (RDC) ᐊᒻᒪᓗ ᕼᐊᔅᑭ ᐅᐊᔭᐅᑎᓕᕆᔩᒃᑯᑦ ᐊᖏᔪᐊᓗᒻᒥᒃ ᑐᓴᐅᔅᓴᓕᕆᔩᓄᑦ ᐅᖃᓪᓚᐅᓯᐅᖃᑦᑕᓚᐅᖅᐳᑦ ᐊᒻᒪᓗ ᒪᐃᖑᑎᓪᓗᒍ, ᓘᑦᑖᖅ ᑕᐃᕝᕕᑦ ᐹᕐᐳᕐ ᐊᐱᖅᓱᐅᖃᑦᑕᓚᐅᕐᐳᖅ ᐊᖏᔪᒥᒃ ᐱᔾᔪᑎᒋᓪᓗᒍ ᐱᓕᕆᐊᖅ ᑕᐃᔭᐅᔪᖅ ᐸᐃᓯᔅ (BaySys), ᖃᐅᔨᓴᐃᓂᐅᔪᖅ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᒫᓂᑑᐸᒥ ᐅᐊᔭᐅᑎᓕᕆᔩᒃᑯᖏᓐᓂᑦ ᐊᒻᒪᓗ ᐊᒥᓱᓕᐅᓪᓗᑎᒃ ᑲᓇᑕᒥ ᓯᓚᑐᖅᓴᕐᕕᔾᔪᐊᖑᔪᓂᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᕼᐊᑦᓴᓐ ᐸᐃᒥ ᐱᓕᕆᐊᖑᔪᒧᑦ. ᑐᓴᐅᔅᓴᑎᒍᑦ ᓴᖅᑮᔭᖅᑎᑕᐅᕐᑲᑦᑕᕐᓂᖏᑦ ᕐᑯᑦᑎᒃᑐᐃᓐᓇᓚᐅᕐᒪᑕ 2016-ᒥ ᑐᓴᖅᑎᑦᑎᓯᒪᓂᕐᓂᑦ ᐱᓕᕆᐊᕐᒥᑦ BBOS-ᑯᓐᓂᑦ, ᓯᓚᕐᔪᐊᓕᒫᒥ ᐱᓕᕆᐊᖃᕐᑲᑎᒌᓐᓂᐅᔪᓂ ᑐᕌᕝᕕᒃᓴᖃᖅᑐᑎᒃ ᐊᖏᔪᐊᓗᒻᒥᒃ ᑕᑎᐅᒥᒃ ᓇᐅᑦᓯᖅᑐᐃᓂᖃᕐᓂᐅᔪᒧᑦ ᑕᓪᓗᕈᑎᐅᑉ ᐃᒪᖓᓂ.

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒧᑦ ᐃᓱᒪᑕᕐᔭᖓᑦ, ᓗᐃ ᓭᐊᑦᑎᐃ, ᐃᓚᖏᔭᖃᑕᐅᒐᔪᓚᐅᕐᒪᑦ ᐊᐱᖅᓱᐅᕙᒃᑐᓂ ᐊᒻᒪᓗ ᑕᑯᔅᓴᐅᑎᑕᐅᖃᑦᑕᖅᑐᓂ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂ ᑐᓴᐅᔅᓴᓕᕆᔨᓄᑦ ᐅᖃᓪᓚᐅᓯᖃᖅᑎᓪᓗᒍ ᐱᓕᕆᐊᖃᖅᑏᑦ ᐊᒥᓱᐃᓕᖓᔪᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᓐᓂᒃ, ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ, ᓯᓚᕐᔪᐊᓕᒫᒥ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ, ᐅᑭᐅᑕᒫᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᐅᕙᒃᑐᓄᑦ, ᐊᒻᒪᓗ ᐅᒥᐊᕐᔪᐊᕐᒥ CCGS ᐋᒪᓐᓴᓐ ᐱᓕᕆᐊᒧᑦ.

ᐊᐱᖅᓱᐅᖃᑦᑕᕐᓂᖅᑎᒍᑦ ᐊᒻᒪᓗ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᐊᒥᓱᐃᖑᔪᓂ ᑐᓴᐅᔅᓴᓕᕆᔨᐅᔪᓂ, ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᒍᓗᑉ ᐊᓐ ᒪᐃᐅᑦ, ᒡᓚᐃᓐᔅ, ᕿᑎᐅ ᑲᓇᑕᒥ ᓯᓚᕐᔪᐊᓕᒫᐅᑦ ᐊᒻᒪᓗ ᓈᓴᓄᑦ ᐹᔅ, ᐱᓕᕆᐊᖃᖅᑎᓄᑦ ᖃᐅᔨᓴᖅᑎ ᒪᐃᑯᑦ ᐸᐃᐅᔅ ᑲᔪᓯᓪᓗᓂ ᐃᓄᓐᓂᒃ ᑭᒃᑯᑐᐃᓐᓇᓂᒃ ᑐᓴᖅᑎᑦᑎᔨᐅᖃᑦᑕᓚᐅᕐᐳᖅ ᐱᔾᔪᑎᖏᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ, ᓯᓚᕐᔪᐊᕐ ᒐᕙᒪᓕᕆᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥ ᒪᓕᒐᕐᑯᑎᕐᔪᐊᖑᔪᑦ. 2015-2017 ᐊᑐᖅᑎᓪᓗᒋᑦ, ᐃᓚᖏᑦ ᐅᖃᓪᓚᐅᓯᐅᓗᐊᖃᑦᑕᓚᐅᖅᑐᑦ ᐃᓚᖃᓚᐅᖅᐳᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᒥᐊᓂᖅᓯᓯᒪᔾᔪᑎᓄᑦ ᐊᒻᒪᓗ ᑭᒡᓕᖅᑲᕐᓂᓕᕆᓂᕐᓄᑦ ᐊᐃᕙᔾᔪᑎᐅᓕᖅᓯᒪᔪᓂᒃ, ᓯᓚᕐᔪᐊᕐᒥᐅᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓂᖃᕐᓂᖏᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᐸ ᑳᔾᔨᙳᐊᖓᓂᒃ ᓈᒻᒥᓂᖃᕐᓂᕋᐅᑎᓄᑦ, ᑮᓇᐅᔾᔭᒃᓴᔭᖅᑐᕐᓯᒪᔪᑦ ᐊᒻᒪᓗ ᓴᓇᕗᑦ ᐊᑐᕐᓂᕐᓗᒃᐸᓐᓂᖏᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᒥᙳᐅᖅᑐᓂᒃ, ᐊᒻᒪᓗ ᓯᕗᓪᓕᖅᐸᐅᓪᓗᓂ ᑕᑯᔭᖅᑐᐃᑎᑦᑎᓪᓗᓂ ᐅᒥᐊᕐᔪᐊᐸ ᐃᖏᕐᕋᓯᒪᓂᖓᓄᑦ ᓱᓪᓗᐊᓗᒃᑯᑦ.

# ᑐᑭᓯᓂᐊᖃᑎᒌᓐᓂᖅ ᐱᓕᕆᔾᐅᖃᑎᒌᖕᓂᕐᒧ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐱᓕᕆᐊᕆᔭᖕᒋᑦ ᐱᓕᕆᐊᖑᓕᐸᒃᑐᑦ ᑲᑐᔾᔾᖃᑎᒋᓪᓗᒋᑦ ᐃᓄᐃᑦ ᐃᓕᕆᐊᖃᖃᑎᒋᔭᒥᓐᓂᒃ ᐊᒻᒪᓗ ᓄᓇᖃᑎᒌᖑᔪᓂᒃ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᐱᔾᔪᑎᖃᕐᕕᐅᕙᒃᑐᑎᒃ ᒪᐃᓐᓂ ᖁᑦᑎᖕᓂᕆᔭᐅᔪᓂ ᐱᓕᕆᐊᖃᖅᑎᓂ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ, ᐱᖃᑎᒋᓪᓗᒋᑦ ᓇᓯᕗᒃ ᐃᖅᑲᓇᐃᔭᕝᕕᖑᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᓕᖅᑕᐃᓕᒪᔪᓕᕆᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᖁᓐᓇᖅᑐᓕᕆᓂᕐᒥᑦ ᐱᓕᕆᐊᑦ, ᐃᑲᔪᖅᑐᐃᒍᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐃᓄᐃᑦ ᖃᐅᔨᓴᖅᑎᐸ (IRA) ᐃᓕᖖᓂᕆᓕᖅᓯᒪᔭᖕᖑᓂᒃ ᐊᑐᓂ ᓯᑕᒪᐅᓪᓗᑎᒃ ᐃᓄᐃᑦ ᓄᓇᓕᕆᓂᕐᒧᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᖕᒋᑦ ᑲᓇᑕᐸ ᐅᑭᐅᖅᑕᖅᑐᖕᖑᓂ. ᐃᓄᐃᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐅᖃᐅᔾᔪᐃᒋᐊᖅᑎᖕᒋᑦ ᐃᑲᔪᖅᑎᐅᕙᒎᓐᓇᕐᒪᑕ ᑐᑭᒧᐊᒃᑎᐅᕙᓐᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᒃ ᐃᓄᐃᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒋᓐᓂᑦ ᑖᒃᑯᓇᓂ ᐱᓕᕆᐊᖑᔪᓂ ᑐᕐᑯᓐᓇᖅᑐᓕᕆᓂᕐᓄᑦ, ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᐅᑉ ᓈᒻᒪᑦᑎᐊᖅᑎᑕᐅᓂᖓᓄᑦ, ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᐱᓕᕆᕐᑲᑕᐅᓕᖅᑎᑕᐅᓪᓗᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐱᒻᒪᕆᐅᑎᑕᐅᓪᓗᑎᒃ ᓄᓇᓕᒋᔭᒥᓐᓂ. ᐃᓄᐃᑦ ᐅᖃᐅᔾᔪᐃᒋᐊᖅᑎᑦ ᑲᑎᒪᔨᕋᖓᖕᒋᑦ (IAC) ᑐᑭᒧᐊᒃᑎᐅᕗᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᑎᐅᕙᒃᑐᑎᒃ ᑐᕌᖑᔪᓄᑦ ᐃᔭᐅᓯᒪᓕᕆᐊᖃᖅᑐᓄᑦ ᐊᒻᒪᓗ ᓯᕗᓪᓕᖅᐸᐅᑎᑕᐅᖁᔭᐅᔪᓄᑦ ᐃᓄᓐᓂᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᐱᓕᕆᓂᖅᑲᕈᒪᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᐅᓕᖅᐸᓐᓂᕐᓂ, ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᔭᐅᓯᒪᓕᕆᐊᖅᑲᖅᑐᓂᒃ/ᐃᓚᐟᑯᓂᖅᑲᕐᕕᐅᓂᖕᒋᓐᓂᒃ, ᐱᐅᓯᑐᖅᑲᒃᑯᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂᒃ ᐃᓕᐅᖅᑲᐃᖅᑲᑦᑕᕐᓂᕐᒧᑦ, ᓄᓇᖃᑎᒌᑦ ᐱᓕᕆᐊᖅᑲᖅᑕᐅᕙᓐᓂᖕᒋᑦ, ᐃᓚᐅᖅᑲᑕᐅᑎᐅᕙᓐᓂᖕᒋᑦ, ᐱᒻᒪᒃᓴᐃᕙᓐᓂᖅ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᖅᑎᑦᑎᕙᓐᓂᖅ.

## ᐊᑦᑐᖓᑕᐅᓯᒪᔪᐊᕐᓂᐅᔪᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ, ᐱᓕᕆᐊᖃᖃᑎᒋᓪᓗᒋᑦ ᐃᓄᐃᑦ ᑕᐱᕇᑦ ᑲᓇᑕᒥ, ᑮᓇᐅᔭᑎᒍᑦ ᖃᖓᑦᑕᐅᑎᒃᓴᓄᑦ ᐃᑲᔪᖅᑎᐅᕗᒃᐳᑦ ᐃᓄᓐᓄᑦ ᐅᐸᒍᑎᔅᓴᐅᓂᐊᖅᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑲᑎᒪᕝᕙᔪᐊᕐᓂᖃᖅᑎᓪᓗᒋᑦ. 2015-ᒥ ᐊᒻᒪᓗ 2016-ᒥ, 17-ᖑᔪᓂᒃ ᖃᖓᑦᑕᐅᑎᒃᓴᓂᒃ ᑐᓂᕈᓯᓚᐅᖅᐳᑦ ᐃᓄᐃᓐᓄᑦ 13-ᖑᔪᓂᑦ ᐊᔾᔨᒌᙱᑐᖅᑐᓂᑦ ᓄᓇᓕᐅᔪᓂᑦ ᐃᓄᐃᑦ ᓄᓇᓕᓕᒫᖏᓐᓂᑦ.

ᐃᓄᐃᑦ ᖃᐅᔨᓴᐃᕙᓐᓂᕐᒧᑦ ᐱᓕᕆᓂᕆᓯᒪᔭᖏᓐᓄᑦ ᑲᑎᒪᓂᖅ - ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᑲᔪᕐᓂᖃᓚᐅᖅᐳᑦ ᐅᓪᓗᓐᓄᑦ ᒪᕐᕉᓐᓄᑦ ᑐᑭᒧᐊᒃᑎᑦᑎᓂᖃᖅᑐᑎᒃ ᑲᑎᒪᓂᖃᖅᑎᑦᑎᓂᕐᒥᒃ ᐋᑐᕝᒥ ᓄᕕᐱᕆ 2-3, 2016-ᒥ. ᑲᑎᒪᑎᑦᑎᓂᖅ ᓯᕗᓕᖅᑎᖃᓚᐅᖅᐳᑦ ᐃᓄᐃᑦ ᐅᖃᐅᓯᐃᒋᐊᖅᑎᐅᓪᓗᑎᒃ ᑲᑎᒪᔨᕋᓛᖏᓂᒃ ᐱᓕᕆᖃᑎᒋᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᐃᓱᒪᑕᐅᓪᓗᑎᒃ ᐊᐅᓚᑦᓯᔾᔨᖏᑦ ᑲᑎᒪᔪᓄᑦ ᐅᐸᒍᑎᖃᑕᐅᑰᔭᐅᓯᒪᑎᓪᓗᒋᑦ. ᓯᕗᓪᓕᕐᒥᒃ ᓂᕆᐅᓐᓂᕆᔭᐅᓚᐅᖅᑐᑦ ᐊᒻᒪᓗ ᑐᙵᕚᕐᑯᑎᒋᔭᐅᓚᐅᖅᑐᑦ ᐃᓄᐃᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᓂᕆᓯᒪᔭᖏᓐᓄᑦ ᑐᕌᖓᑎᑕᐅᓚᐅᕐᒪᑕ ᐃᓄᓐᓂᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᓕᕈᓐᓇᕐᓂᕐᒧᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᐊᒻᒪᓗ ᓈᒻᒪᑦᑎᐊᖅᑐᑎᒍᑦ ᐊᑯᓃᖅᑐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᑦ ᐃᑲᔪᖅᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᐃᓄᐃᑦ. ᐱᔭᕆᑐᔫᓂᖏᑦ ᐆᑦᑐᕋᐅᑎᐅᕙᒃᑐᑦ ᒥᑦᑐᕆᒃᓴᓂᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ ᖃᓪᓗᓈᑦ ᖃᐅᔨᒪᔭᖏᑎᒍᑦ ᐊᒻᒪᓗ ᐃᓕᐅᖅᑲᖑᐅᓯᒪᓕᕐᓂᖏᑕ ᐃᓄᐃᑦ ᐱᐅᓯᑐᖃᒥᓐᓂ ᖃᐅᔨᒪᓂᕆᔭᖏᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᓚᐅᖅᐳᑦ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᑐᑭᓯᔭᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᐊᒻᒪᓗ ᓯᕗᒧᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᓈᒻᒪᒃᑐᑎᒍᑦ ᐊᒃᑐᐃᓯᒪᓂᖃᕐᓂᖏᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᐱᓕᕆᓂᖃᕐᑎᓪᓗᒋᑦ ᐱᐅᓯᒋᐊᖅᑎᑦᑎᓂᖓᒃ ᐃᓚᑰᓂᖃᕐᕕᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᓯᒪᓕᕆᐊᖅᑐᒋᑦ ᐃᓕᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᓯᕗᓂᕐᒥ ᖃᐅᔨᓴᕐᓂᐅᓗᑎᒃ ᐱᓕᕆᓂᐅᔫᒥᖅᑐᓄᑦ. ᑲᑎᒪᓂᐅᔪᒥ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᓚᐅᖅᐳᑦ ᓂᕆᐅᒋᔭᐅᔪᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᓂᖅ ᐃᓄᐃᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᕆᓯᒪᔭᖏᓐᓄᑦ: ᐱᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᐃᓄᓐᓂᒃ ᓯᕗᓕᖅᑎᖃᖅᑐᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐊᒻᒪᓗ ᓄᑖᑎᒍᑦ ᐱᓕᕆᓂᖃᓕᕐᓂᕐᒥ ᐱᓕᕆᐊᖃᖃᑎᒌᓐᓂᕐᓂᑦ ᐊᒻᒪᓗ *ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑎᒍᑦ ᐱᓕᕆᓂᖃᓕᕐᓗᑎᒃ ᐱᐅᓯᒋᐊᖅᑎᑦᑎᒋᐊᕐᓂᕐᒥ ᐊᑯᓃᖅᑐᒧᑦ ᐃᓄᐃᑦ ᐋᓐᓂᐊᖃᕐᓕᖅᑕᐃᓕᒪᙱᓐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᙱᑦᑎᐊᕆᐊᖃᕐᓂᖏᓐᓄᑦ.*


**ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ, ᓯᑖᑦᐅᐃᐅᑦ ᑲᓇᑕ, ᐊᓈᒃᑐᖅᓯᒪᓂᕐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔾᑦ ᑎᒥᖁᑎᖕᒑᑦ, ᐊᒻᒪᓗ H ᐊᔅᑭ ᐅᐊᔭᐅᑎᓕᕆᔩᖕᒋᑦ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᓂᖃᖅᐳᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐊᒻᒪᓗ ᓴᓇᕿᑎᓕᕆᓂᕐᒥ ᐅᒥᐊᕐᔪᐊᒃᑯᑦ**

ᐊᐃᐱᕆ 2015-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᖕᒋᑦ ᐱᓕᕆᖃᑎᖃᓕᖓᐅᖅᐳᑦ ᓯᑖᑦᐅᐃᐅᑦ ᑲᓇᑕᒥ (Statoil Canada), ᖃᐅᔨᓴᕐᓂᓕᕆᓂᖅ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᕐᒧᑦ ᑎᒥᖁᑎᖕᒑᑦ ᓂᐅᕙᐅᓐᑏᒥ ᐊᒻᒪᓗ ᑏᐸᑐᐊᕆᒥ (RDC), ᐊᒻᒪᓗ H ᐊᔅᑭ ᐅᐊᔭᐅᑎᓕᕆᔩᖕᒋᓂᒃ ᓄᑖᖑᑦᑐᓂ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐊᒻᒪᓗ ᓴᓇᕿᑎᓕᕆᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᔪᒥᒃ ᐃᑭᒪᑦᑐᑎᒃ ᐅᒥᐊᕐᔪᐊᒥ CCGS ᐋᒧᓐᓴᓐ ᓂᐅᕙᐅᓐᑏᓐ ᐊᒻᒪᓗ ᑏᐸᑐᐊᕆᐅᑉ ᑕᕆᐅᖓᓂ. ᑖᓐᓇ ᑲᑐᔾᔨᓂᖃᕈᑎᐅᑦᑐᓂ ᐱᓕᕆᐊᖑᔪᖅ ᑲᑎᓯᒪᙱᐅᓚᐅᕐᐳᖅ ᖁᑦᑎᖕᓂᖅᐹᒥᒃ ᖃᐅᔨᒪᓂᖃᖅᑐᓂᑦ ᓯᓚᑦᑐᖅᓴᖏᓐᓂᑦ ᐊᒻᒪᓗ ᓴᓇᙳᓐᓂᑦ ᖃᐅᔨᓴᐃᑦᑐᑎᒃ ᓯᓚᓕᕆᓂᕐᒥ, ᑕᕆᐅᑉ ᓯᑯᖓᓄᑦ, ᐱᖃᓗᔭᕐᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᓕᕆᓂᕐᒥ ᐃᓕᖓᓐᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᖅᑐᒋᑦ ᓄᑖᖑᑦᑐᑎᒃ ᑐᑭᓯᓂᐊᕐᙵᕐᑯᑏᑦ ᑎᑎᖅᑲᖁᑎᒋᔭᐅᔪᑦ ᑲᑎᖅᓯᐃᔾᔪᑎᐅᕚᒃᑐᓂᒃ ᓴᓇᕿᑎᑦ. ᑖᓐᓇ ᐋᔾᔨᖃᕋᓂ ᐱᓕᕆᐊᖅ ᐃᑲᔪᕐᓂᖃᓚᐅᕐᐳᖅ ᐱᐅᓯᒋᐊᖅᑎᑦᑎᓂᕐᒥ ᐋᓐᓂᐊᖃᕐᖢᑕᐃᓕᒪᔪᓕᕆᓂᕐᒧᑦ, ᖃᓄᐃᙱᑦᑎᐊᕆᐊᖃᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᕙᑎᓕᕆᓂᕐᒥ ᐱᓇᓱᐊᕈᓯᐅᕙᒃᑐᓂᒃ ᑐᕌᖓᓪᓗᑎᒃ ᓯᑯᐸ ᐅᓗᕆᐊᓇᕐᓂᕆᕙᒃᑕᖏᓂᒃ ᐱᒍᐊᕈᓐᓃᖅᑎᑦᑎᒋᐊᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᓄᑦ.

## ᓄᓇᑦᑎᓐᓂ ᐱᓕᕆᐊᖃᖃᑎᒌᓐᓂᐅᓕᖅᑐᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᔾᔪᑎᐅᓂᐊᕐᑐᑎᒃ ᑲᓇᑕᒥᒃ ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓄᑦ

ᕿᑎᕐᒥᐅᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᖓᑦ, ᓄᓇᑦᑎᓐᓂ ᐅᑭᐅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ-ᑲᓇᑕᒥ ᒥᕐᖑᐃᖅᓯᕙᓕᕆᔾᔪᐊᒃᑯᑦ ᑲᑐᔾᔨᑦᑐᑎᒃ ᐱᓕᕆᐊᖓᑦ ᐱᑎᐊᖅᑎᑕᐅᓚᐅᕐᐳᖅ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᖃᑎᑕᐅᓪᓗᑎᒃ ᑎᑭᑦᑐᒍ $1.1-ᒥᓕᐊᓐᑖᓚᓄᑦ **ᑕᕝᕙ. ᓚᖕᒐᐅᑦᑦ ᕙᓐᓴᑕᓐ ᑎᒥᖁᑎᖓᓐᓂᑦ** ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕆᑎᒃᓴᖏᓂᒃ ᐃᒪᐃᑦ ᖃᖓᓃᑉᐸᒃᑐᖁᑎᓂᒃ ᐊᒻᒪᓗ ᐃᒪᐃᑦ ᐃᑎᓂᖅᐹᖓᓃᑉᐸᒃᑐᓂᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᔾᔪᑎᖃᖅᑎᓂᒃ ᑕᕝᕙᑦ ᐊᐅᓚᑦᓯᔾᔪᓂ ᕗᕋᐃᖅᓚᓐ ᐅᒥᐊᕐᔪᐊᖁᑎᖏᑦᑕ *ᑎᐊᕿᕐ* ᐊᒻᒪᓗ *ᐃᐅᓇᐸᒃ* ᓇᓂᔭᐅᕙᕆᔪᓚᐅᖅᑕᖏᓐᓂ. ᓯᓚᕐᔪᐊᕐᒥᑦ ᐱᓕᕆᐊᖃᖅᑎᑦᔨᒍᑦ ᐋᖅᑭᒃᓯᐃᕙᓪᓕᐊᓯᒪᓕᕐᒪᑕ ᒪᕿᐃᓐᓂᒃ ᐊᓯᖏᓂᒃ ᐊᒥᓯᐃᓂᑦ ᓄᓇᕐᔪᐊᖑᔪᓂᑦ ᖃᐅᔨᓴᐃᓂᐅᓕᕈᒪᔪᓂᒃ ᐊᖏᔪᒥᒃ ᐃᑲᔪᖅᑐᕐᒐᐅᓯᒪᓂᖅᑲᖅᑐᑎᒃ ᒪᑭᓴᐃᔨᓂᑦ, ᐃᓚᖃᖅᑎᑦᑐᒍᑦ ᑕᕝᕙ. ᓚᕐᕕᐅᑦ ᕙᓐᓴᑕᓐᑐᓐᓂᖅ. **ᐊᑯᑭᑦᑐᓂᕐᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᒥᐊᕐᔪᐊᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖓᑦ,** ᑲᓇᑕᒥᐅᑦ-ᓱᕙᑦᓱᕐᓚᓐᒥᐅᑦ-ᑎᓐᓖᒃᒥᐅᑦ-ᕋᓴᒥᐅᑦ ᑲᑐᔾᔨᓂᖃᖅᑐᑎᒃ ᐱᓕᕆᓂᕆᓂᐊᖅᑕᖓᑦ, ᐱᑕᖃᓕᕈᑎᐅᓂᐊᕐᒪᑕ ᖃᐅᔨᓴᐃᔪᓐᓇᕐᓂᕐᒥᒃ ᐃᓚᖏᓂᒃ ᐃᑎᕐᕙᐅᔪᓐᓇᖅᐸᓐᓂᖏᑦ ᐊᔪᕐᓇᕐᓂᖅᓴᐅᕗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᐅᑭᐅᖅᑕᖅᑐ ᐃᒪᕐᑯᑎᖏᓂ ᐊᒻᒪᓗ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓪᓚᕆᑲᑕᐅᔪᓂ ᐃᒪᕐᑯᑎᓂ ᐊᐅᓚᑦᓯᓂᐅᕙᒃᑐᓄᑦ ᓄᓇᕐᔪᐊᐸ ᓯᓚᕐᑯᑎᖕᒐᓂᒃ. ᐃᓚᒋᔭᐅᓪᓗᓂ ᓱᕐᓗ ᐊᒥᓯᐃᖑᔪᓄᑦ ᖃᐅᔨᓴᖅᑎᒪᓕᕆᐅᔪᓂ, ᐊᒃᔭᖅᑕᐅᓗᓂ ᕌᓴᒥᐅᑦ ᖄᖅᑕᖅᑐᓕᕆᔾᔪᑎᓕᒃ ᓯᑯᓯᐅᑦ ᐅᒥᐊᕐᔪᐊᒥᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᑦ ᑎᑭᓯᒪᓕᕈᓐᓇᖅᑎᑕᐅᓂᐊᖅᐳᑦ ᐃᖏᕋᕝᕙᐅᓯᒪᓂᕐᒃᑎᑦᑐᒥ ᓕᓐᑲᓐ ᑕᕆᐅᖕᒐᓂ ᑭᖑᓪᓕᖅᐸᐅᓪᓗᓂ ᐊᒥᓯᐃᓄᑦ ᐅᑭᐅᓄᑦ ᑕᕆᐅᒥ ᓯᑯᖃᕐᕙᐅᔪᒧᑦ ᓄᓇᕐᔪᐊᒥ. **ᓯᓚᕐᔪᐊᓕᒫᒥ ᐅᑭᐅᖅᑕᖅᑐᐃᒪᕐᑯᑎᖏᓂᒃ ᐅᑭᐅᒃᑯᑦ ᖃᐅᔨᓴᕆᐊᖅᓯᒪᓂᐅᔪᖅ** ᑐᕌᕐᕕᒃᓴᖃᖅᑎᑕᐅᕗᖅ ᑎᑎᕋᖅᐸᓕᐊᓂᒃᓴᓂᒃ ᖃᐅᔨᒪᔭᐅᑦᑎᐊᕐᒋᑦᑐᓂᒃ ᐅᑭᐅᒥ ᐆᒪᓂᖅᑲᖅᑐᖁᑎᖃᖅᐸᒃᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᐃᒪᕐᑯᑎᖏᓂᒃ ᐃᒪᕐᑯᑎᓂ, ᐃᒻᒪᖄᓗ ᐆᒪᔪᖃᖅᕙᐅᕙᒃᑐᓂ ᐊᕙᑐᖅᓯᒪᓂᕆᔭᐅᔪᒥ ᑲᓐᓇᖕᒐᓂ ᐅᑭᐅᖅᑕᖅᑐᖅ ᑭᒡᓕᖕᒍᐊᖕᒐᑕ. ᓯᕗᓕᖅᑎᖃᖅᑐᑎᒃ ᑲᓇᑕᒥ, ᑎᓐᓖᒃᒥ ᐊᒻᒪᓗ ᐊᒥᐊᕆᑲᒥᐅᓂᑦ ᐃᓚᒋᔭᐅᔪᖃᖅᑐᓂ ᐊᒥᓯᐃᓂᑦ ᓄᓇᕐᔪᐊᕆᔭᐅᔪᓂᑦ ᐱᔪᓂᑦ, ᑖᓐᓇ ᐊᒥᓯᐃᓂᑦ ᓄᓇᕐᔪᐊᖃᖅᑐᓂᑦ ᐱᓕᕆᓂᐅᔪᖅ ᑐᓴᐅᒪᓕᕈᑎᐅᓂᐊᕐᒪᑕ ᐱᑭᐊᓚᓴᕐᓯᐊᖅ ᓯᓚᕐᔪᐊᕐᒥ ᑕᕆᐅᑦ ᒥᐊᓂᕆᔭᐅᓂᖏᑦᑕ ᐊᕙᑎᒋᔭᖕᓂᒃ.

# ᑲᓇᑕᒥᐅᑦ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᕐᒥᐅᑦ ᐱᓕᕆᐊᕐᑲᖅᑎᖏᑦ

## ᐅᑭᐅᖅᑕᖅᑐᑉ ᕿᓪᓕᕆᔭᖕᒐᓂ ᑲᑎᒪᕐᔪᐊᕐᓂᖅ

ᐅᒃᑐᐱᕆ 2015-ᒥ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌ ᐊᑦᓚᕗᒡᒥ ᐃᓱᒪᑕᕆᔭᐅᔪᖅ ᒫᕐᑎᓐ ᕗᐊᑦᑎᐋ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓚᐅᖅᐳᑦ ᐊᖓᒛᓄᑦ 2,000-ᖑᓪᓗᑎᒃ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓂᕐᑲᖅᑐᓄᑦ 50-ᓂᑦ ᓄᓇᕐᔪᐊᕆᔭᐅᔪᓂᑦ ᕆᒃᔮᕝ, ᐊᐃᔅᓛᓐᒥ, ᑲᑎᒪᔭᖅᑐᕐᓯᒪᔪᓄᑦ 2015-ᒥ ᐅᑭᐅᖅᑕᖅᑐᑉ ᕿᓪᓕᕆᔭᖕᒐᓂ ᑲᑎᒪᕐᔪᐊᖅᑐᓄᑦ, ᓯᓚᕐᔪᐊᕐᒥᐅᓕᒫᓂ ᐊᖏᓂᖅᐸᐅᓪᓗᓂ ᐱᓕᕆᓂᕐᑲᕝᕙᐅᔪᒧᑦ ᐅᕐᑲᓪᓚᐅᓯᕆᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ. ᑲᑎᒪᕐᔪᐊᕐᓂᐅᔪᖅ ᑐᑭᒧᐊᒃᑎᕐᑲᓚᐅᕐᐳᖅ ᒥᔅᑕ ᐅᓚᕗᕐ ᕋᐃᒡᓃᕐ ᒍᕆᒻᓴᓐᒥᒃ, ᐊᖏᔪᖅᑲᕐᔪᐊᕆᔭᐅᔪᒥᑦ ᐊᐃᔅᓛᓐᒥ, ᑖᓐᓇ ᑲᑎᓐᓂᐅᔪᒥ ᐱᓕᕆᐊᕐᑲᕐᓂᐅᔪᖅ ᑐᕌᕝᕕᒃᓴᕐᑲᖅᑎᑕᐅᓚᐅᕐᒪᑦ ᐃᑲᔪᖅᑐᐃᓯᒪᓕᕐᓂᒃᓴᒧᑦ ᐱᐅᓪᓚᕆᒃᑑᓪᓗᓂ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᕐᑎᕆᓕᕐᓂᒃᓴᒥᒃ ᐊᒻᒪᓗ ᐃᑲᔪᕐᓂᕐᑲᕋᔭᖅᑐᓂᒃ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᑦ ᐱᓕᕆᐊᕐᑲᕐᑲᑎᒌᓕᕋᔭᕐᓂᖕᒋᑕ ᐱᔾᔪᑎᒋᓗᒍ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓯᕗᓂᕆᔭᐅᓂᐊᖅᑐᒧᑦ.

ᐃᓚᒋᔭᐅᓪᓗᓂ ᐅᑭᐅᑕᒫᑦ ᐅᒃᑐᐱᕆᒥ ᑲᑎᒪᕐᔪᐊᖅᑎᑦᑎᓂᐅᔪᓄᑦ ᐊᐃᔅᓛᓐᒥ, ᐅᑭᐅᖅᑕᖅᑐᑉ ᕿᓪᓕᖕᒐᓂ ᑲᑎᒪᕐᔪᐊᕐᓂᕐᒥᑦ ᒥᑭᓂᖅᓴᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᐱᔾᔪᑎᖃᖅᑎᑕᐅᓪᓗᑎᒃ ᑲᑎᒪᓂᕐᑲᕝᕙᐅᓚᐅᕐᐳᖅ ᐊᓯᖏᓐᓂᑦ ᓄᓇᕐᔪᐊᖑᔪᓂᑦ. ᐱᕐᑲᑎᒋᓪᓗᒋᑦ ᑯᐃᐸᖕᒥ ᒐᕙᒪᐅᔪᑦ, ᐅᑭᐅᖅᑕᖅᑐᑉ ᕿᓪᓕᕆᔭᖕᒐᓂ ᑲᑎᒪᕐᔪᐊᕐᓂᖅ ᑲᔪᓯᕆᐊᖅᑎᑕᐅᓚᐅᕐᒪᑦ ᓯᑕᒪᕆᔭᖕᒐᓂᒃ ᑲᑎᒪᕐᔪᐊᖅᑎᑦᑎᓂᐅᔪᒧᑦ ᑯᐃᐸᒃ ᓯᑎᒥ ᑎᓯᐱᕆ 11-13-ᒧᑦ ᐱᔾ16-ᖑᑎᓪᓗᒍ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᑕᕝᕙᓂ ᑲᑎᒪᕐᔪᐊᕐᓂᐅᔪᒥ ᐱᓕᕆᓂᕐᑲᓚᐅᖅᐳᑦ ᐱᓕᕆᐊᖑᔪᑦ ᓘᑦᑖᖅ ᓗᐃ ᕗᐊᑦᑎᐋ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᖅᑎᐅᑎᓪᓗᒍ.

## ᐅᑭᐅᑕᒫᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᖓᑦ ᐊᒥᐊᕆᑲᒥᐅᑦ ᑲᑐᔾᔨᕐᑲᑎᒌᖕᒋᑕ ᓯᕗᒻᒧᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᕐᑲᐅᔨᓴᐃᓂᐅᕙᒃᑐᑦ

ᕝᕈᐳᐊᕆ 2016-ᒥ, ᓗᐃ ᕗᐊᑦᑎᐋ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓚᐅᕐᐳᖅ ᑲᑎᒪᔭᖅᑐᕐᓯᒪᔪᓄᑦ ᐱᔾᔪᑎᕐᑲᖅᑐᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᕐᑲᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ, ᐋᖅᑭᒃᓯᐊᖑᓯᒪᓪᓗᓂ ᑲᑎᒪᓂᖅ ᑲᓇᑕᒥ ᓯᓚᑦᑐᖅᓴᕐᕝᕚᕐᔪᐊᖑᔪᓂᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᑎᒥᕐᑯᑎᕆᔭᐅᔪᓂ ᓄᑖᑎᒍᑦ ᐱᓕᕆᔾᔪᑎᕐᑲᓂᓕᕆᓂᕐᒧᑦ ᐊᒥᐊᕆᑲᒥᐅᑦ ᑲᑐᔾᔨᕐᑲᑎᒌᖕᒋᑕ ᓯᕗᒻᒧᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᕐᑲᐅᔨᓴᐃᓂᐅᔪᑦ ᑲᑎᒪᓂᕐᑲᖅᑎᓪᓗᒋᑦ ᕗᐊᓯᖕᑕᓐᒥ. ᓯᕗᓕᖅᑎᕐᑲᖅᑐᑎᒃ ᑯᐃᓐ ᕿᒡᒐᖅᑐᖅᑎᖕᒐᓄᑦ ᑲᓇᑕᒥ ᑕᐃᕝᑦ ᔫᓴᑕᓐ, ᐃᓱᒪᑕᒻᒪᕇᑦ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᑎᒌᓐᓂᖓᑦ ᑐᑭᓯᒋᐊᖅᑎᑕᐅᓯᒪᓚᐅᖅᐳᑦ ᑐᕌᖓᔪᓄᑦ ᑐᓗᖅᑕᕐᕝᕙᐅᓕᖅᐸᒃᑐᓄᑦ, ᐱᓕᕆᓂᕐᑲᕝᕙᐅᓕᕈᓐᓇᖅᑐᓄᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓂᕆᔭᐅᔪᓄᑦ ᐱᔾᔪᑎᖅᑐᑎᒃ ᓯᓚᕐᔪᐊᓕᒥ ᑲᑐᔾᔨᓂᕐᑲᓗᑎᒃ ᐱᓕᕆᓂᕐᑲᕐᓂᖕᒋᓄᑦ ᕐᑲᐅᔨᓴᐃᓂᒥ ᐊᒻᒪᓗ ᓄᑖᑎᒍᑦ ᐱᓕᕐᔪᑎᕐᑲᓕᕐᓂᖕᒋᑦ. ᐊᕙᑎᒋᔭᖕᒋᑦ (20) ᕐᑲᐅᔨᓴᐃᓂᕐᒥ ᓴᓇᕝᕙᐅᔪᓄᑦ ᓯᕗᓕᖅᑎᕆᔭᐅᔪᑦ ᑲᓇᑕᒥ, ᐊᒥᐊᕆᑲᒥᐅᓂᑦ ᐊᒻᒪᓗ ᑕᕆᐅᕐᔪᐊᑉ ᐊᑭᐊᓂᕐᒥᐅᓂᑦ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓚᐅᖅᐳᑦ ᐃᑲᕐᕋᓐᓄᑦ ᒪᕐᕉᓐᓄᑦ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᑎᒌᒃᑎᑦᑎᓂᐅᔪᓄᑦ.

## ᐅᒥᐊᕐᔪᒥ ᐋᒪᓐᓴᓐ ᓂᕆᔭᖅᑐᕐᑲᑎᒌᓐᓂᖓ ᐃᓅᕐᑲᑎᒌᒃᑐᓄᑦ ᑕᑯᔭᕐᑐᐃᕝᕙᔾᔪᐊᖓ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᕐᑲᑎᒌᓂ ᕐᑲᐅᔨᓴᖅᑏᑦ ᓗᐃ ᕗᐊᑦᑎᐋ ᐊᒻᒪᓗ ᒍᐃᓗᐊᓪ ᒫᓯ ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓚᐅᖅᐳᒃ ᓂᕆᕐᑲᑏᑦᓯᓐᓈᑦ ᐅᕐᑲᓪᓚᐅᓯᕐᑲᑎᒌᒃᑎᑦᑎᓂᐅᔪᒧᑦ ᑐᑭᒧᐊᒃᑎᕐᑲᖅᑐᑎᒃ ᑐᓴᕠᓴᓕᕆᔨᒥᑦ ᑕᐃᕗᓐ ᒫᕐᑎᓐ ᐱᔾᔪᑎᕐᑲᖅᑐᓄᑦ 'ᓇᓗᓇᐃᖅᓯᕆᐊᕐᓂᖅ ᓯᓚᕐᔪᐊᕐᒥ' ᕐᑲᓄᐃᓕᐅᖅᑎᑦᑎᓂᐅᔪᒧᑦ ᒦᔾᔨ 2016-ᖑᑎᓪᓗᒍ. ᐅᕐᑲᓪᓚᐅᓯᕐᑲᑎᒌᓐᓂᖅ ᑕᐃᔭᐅᔾᔪᓯᕐᑲᖅᑐᓂ ᓄᐊᕐᑎᓯᑎ, ᐋᖅᑭᒃᓯᐊᖑᓪᓗᓂ ᐃᓅᕐᑲᑎᒌᒃᑐᓄᑦ ᑕᑯᔭᕐᑐᐃᕝᕙᔾᔪᐊᒃᑯᓐᓂᑦ ᑐᑦᓭᖓᑎᑕᐅᓯᒪᓚᐅᕐᐳᖅ ᑐᑭᓯᓇᖅᓯᕆᐊᖅᑎᑦᑎᓂᕐᒥᒃ ᕐᑲᐅᔨᓴᐃᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᕐᑲᐅᔨᕆᐊᕐᓗᒋᑦ ᓴᖅᑭᓯᒪᓕᕐᓂᐅᕙᒃᑐᑦ, ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓱᓕᔾᔪᓯᕆᔭᐅᔪᑦ ᑐᑦᓭᖓᑎᓪᓗᒋᑦ ᐅᑭᐅᒧᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ. ᐃᓚᕐᑲᖅᑎᑕᐅᓪᓗᑎᒃ ᕐᑯᑦᑎᖕᓂᖅᐸᐅᓪᓗᑎᒃ ᐃᓱᒪᑕᕆᔭᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐃᓱᒪᑕᒻᒪᕆᒋᔭᐅᔪᓂᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᓂ ᐅᒥᐊᕐᔪᐊᖅ ᐋᒪᓴᓐ, ᒪᕐᕈᒃ ᕐᑲᐅᔨᓴᖅᑎᒪᓕᕆᐅᔾᔪᒃ ᓂᕆᕐᑲᑎᕐᑲᓚᐅᖅᐳᑦ 60-ᓂᒃ ᐃᓄᓐᓂᒃ ᐃᓕᑦᓯᕆᐊᖅᑎᑕᐅᔪᒪᓂᕐᑲᖅᑐᓂᒃ ᕐᑲᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᐊᒻᒪᓗ ᐃᓅᓯᕆᔭᐅᕙᒃᑐᒥᒃ ᐃᑭᒪᓗᑎᒃ ᓯᑯᓯᐅᑎᒥ ᐅᒥᐊᕐᔪᐊᕐᒥ.


## ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᓯᓚᕐᔪᐊᓕᒫᒥ ᑲᑎᒪᕝᔪᐊᕐᓂᖅ ᐊᒻᒪ ᑕᑯᔭᖕᓴᖅᑲᖅᑎᑦᑎᓂᖅ

ᒫᔾᔭ 2016-ᒥ, ᒪᕐᕉᓐᓂᒃ ᐋᕐᓇᖕᓴᓐ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖅᑲᖅᑎᐅᔪᓂᑦ ᐃᓚᒋᔭᐅᔪᖅᑲᓚᐅᖅᐳᖅ ᑕᕆᐅᓕᕆᓂᕐᒥ ᓯᓚᕐᔪᐊᓕᒫᒥ ᑲᑎᒪᕝᔪᐊᕐᓂᖅᑲᖅᑐᓄᑦ ᐊᒻᒪ ᑕᑯᔭᖕᓴᖅᑲᖅᑎᑦᑎᓂᕐᒧᑦ, ᓯᓚᕐᔪᐊᒥᐅᓕᒫᓂᑦ ᓱᕗᓕᖅᑎᐅᓪᓗᑎᒃ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐊᒻᒪ ᑕᕆᐅᓕᕆᓂᕐᒥ ᓴᓇᕐᕈᑎᓂᒃ ᑕᑯᔭᒃᓴᖅᑲᖅᑎᑦᑎᓂᕐᒧᑦ ᐊᒻᒪ ᐱᓕᕆᕝᕕᖅᑲᒃᑐᑦ ᑕᑯᔭᒃᓴᖅᑲᖅᑎᑦᑎᓂᖔᕐᓄᑦ, ᓚᓐᑕᓐ, ᐃᖕᓚᓐᒥ. ᐋᕐᓇᖕᓴᓐ ᖃᐅᔨᓴᐃᔨᖕᒋᑦ ᑕᑯᔭᒃᓴᖅᑲᖅᑎᑦᑕᓚᐅᖅᐳᑦ ᑲᓇᑕᒥᑦ ᑕᑯᔭᒃᓴᖅᑲᕝᕕᒥ ᑐᕌᕐᕕᒃᓴᖅᑲᖅᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᑕᑯᒃᓴᐅᓂᖕᓚᑕ ᐋᕐᓇᖕᓴᓐ ᐊᖕᒋᓪᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᓪᓗᒍ, ᖃᐅᔨᓴᐃᔾᔪᓕᒪᓇᓄᑦ ᖃᐅᔨᓴᕈᑎᐅᔪᓐᓇᕐᓂᖕᓚᑕ ᐊᓪᓗᕐᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓂᒃ ᑕᕆᐅᕐᔪᐊᑉ ᐊᑭᐊᓂᒥᐅᓂ ᐊᒻᒪ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᑦ ᓄᓇᓕᒋᔭᖕᒋᓐᓄᑦ, ᒪᑐᐃᖅᑕᐅᓯᒪᓕᕐᑯᓪᓗᒍ ᓄᑖᑎᒍᑦ ᐊᑐᖅᐸᓕᕈᓐᓇᖅᑐᓄᑦ ᐊᒻᒪ ᓴᖅᑮᓂᐅᑐᓂ ᐱᓕᕆᓂᕐᑲᕝᕕᐅᓕᕈᓐᓇᖅᑎᑦᖏᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᓕᕆᔾᔪᑎᓐᓄᑦ ᐊᒻᒪ ᓴᓇᕐᕈᑎᓕᕆᓂᕐᓄᑦ ᐱᕙᓪᓕᐊᑎᑕᐅᓯᒪᔪᓂᒃ ᓂᖕᓕᓱᒃᑐᒻᒪᕆᒃᓯᒪᓇᓐᓂ ᐊᕙᑎᐅᔪᓂ. ᑖᓐᓇ ᖃᓄᐃᓕᐅᖅᑎᑦᑎᓂᐅᔪᖅ ᐊᑐᖅᑐᒍ ᑕᑯᒃᓴᐅᑎᑦᓂᖅᑲᓚᐅᕐᒪᑕ ᓯᑯᓯᐅᑎᒥᒃ ᐅᒥᐊᕐᔪᐊᕐᒥᒃ ᐊᒻᒪ ᖃᐅᔨᓴᓇᐊᕈᑕᐅᔪᓐᓇᕐᓂᖕᓂ ᑲᑎᒪᕐᔪᐊᓇᐊᖅᓯᒪᔪᓄᑦ, ᐊᒻᒪ ᐱᒋᐊᖅᑎᑦᑎᔾᔪᑕᐅᓗᓂ ᐅᕙᓘᓐᓃᑦ ᐱᒋᐊᖅᑕᐅᓯᒪᓕᐊᓂᒃᑐᓂᒃ ᓄᑕᐅᓕᖅᑎᑦᑎᒋᐊᕐᓂᕐᒥ ᐊᑦᑕᑕᖅᓯᒪᓕᕐᓂᕐᓂᒃ ᖃᐅᔨᓴᐃᔨᓄᑦ ᐊᒻᒪ ᐱᑕᖃᖅᑎᑦᑎᔨᐅᕙᒃᑐᓄᑦ.

## ᐃᖕᓚᓐᒥᐅᑦ - ᑲᓇᑕᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᖃᑎᒌᖕᒋᑦ ᑲᑎᒪᓂᖅᑲᕐᓂᖕᓚᑦ

ᐅᒃᑐᐱᕆ 2016-ᒥ, ᓕᐊ ᐳᕋᐃᓐᕙᐃᑦ ᐅᐸᒍᑎᖃᖅᑕᐅᕐᑯᔭᐅᓚᐅᕐᐳᖅ ᐃᖕᓚᓐᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᓄᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᖅᑲᖅᑎᓪᓗᒋᑦ ᐱᔾᔪᑎᒋᓪᓗᒋᑦ *ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᐊᓕᕐᓂᖅ: ᖃᐅᔨᓴᐃᓂᖅ, ᓴᓇᕐᕈᑎᓕᕆᓂᖅ ᐊᒻᒪ ᓯᓚᕐᔪᐊᓕᒫᒥᐅᑦ ᐱᓕᕆᐊᖅᑲᖅᑎᒌᓐᓂᖏᑦ* ᓚᓐᑕᓐ, ᐃᖕᓚᓐᒥ. ᐊᒻᒪᓗᑦᑕᐅᖅ, ᐅᐸᒍᑎᓯᒪᓚᐅᕆᕗᑦ ᐃᓚᒋᔭᐅᖅᑕᐅᓗᓂ ᐃᖕᓚᓐᒥᐅᑦ-ᑲᓇᑕᒥᐅᑦ ᑲᑎᒪᖅᑲᖅᑎᖅᑲᕐᓂᖏᓐᓂᒃ ᐊᔾᔨᒌᖕᒋᐅᖅᑐᓂᒃ ᑲᓇᑕᒥᑦ (ᑲᓇᑕᒥ ᖁᑦᑎᒃᑐᓂᕐᒥᐅᓂ ᖃᐅᔨᓴᕐᕕᖕᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᓕᕆᔩᒃᑯᖕᒋᓐᓄᑦ (POLAR) ᖃᐅᔨᒪᓂᐅᔪᓄᑦ ᐊᒻᒪ ᓯᓚᕐᔪᐊᑉ ᓯᓚᑖᓂᑦᑐᓕᕆᔩᖕᒋᑦ ᑲᓇᑕᒥ) ᐊᒻᒪ ᐃᖕᓚᓐᒥᑦ ᐃᓚᒋᔭᐅᖅᑲᐅᔪᓄᑦ (ᐃᓚᖅᑲᖅᑎᓪᓗᒋᑦ ᐊᕙᑎᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑲᑎᒪᔩᖕᒋᑦ, ᐃᖕᓚᓐᒥᑦ ᓄᓇᖅᔪᐊᑉ ᐊᑖᓂ ᐅᑭᐅᖅᑕᖅᑐᖕᓚᑕ ᖃᐅᔨᓴᐃᓂᖅ) ᐅᖅᑲᓪᓚᐅᓯᕆᔭᖅᑐᖅᑐᕐᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᑐᑭᓯᕙᐅᓇᓯᐊᖅᑐᓂᒃᐊᒻᒪ ᓇᑯᓇᐃᔭᖅᓯᒪᓕᕆᐊᖅᑐᕐᒋᑦ ᑕᑯᔅᓴᐅᔪᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ ᐋᖅᑭᓯᒪᓕᕈᒪᓪᓗᑎᒃ ᑲᑐᔾᔨᓂᖅᑲᕐᓗᑎᒃ ᐱᓕᕆᐊᖅᑲᓕᖅᑲᔭᕐᓂᖕᒋᑦ ᐃᖕᓚᓐᒥᐅᑦ ᐊᒻᒪ ᑲᓇᑕᒥ ᐅᑭᐅᖅᑕᖅᑐᖕᓄᑦ ᖃᐅᔨᓴᐃᔨᐅᔪᑦ. ᐱᓕᕆᓂᐅᓕᖅᓯᒪᓂᕐᒥ ᓴᖅᑮᓯᒪᓕᕈᓐᓇᓚᐅᕐᓚᑕ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕐᓂᕐᒥᒃ ᐊᕙᑎᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑲᑎᒪᔩᖕᒋᓐᓂᑦ (NERC) ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᖅᑕᐅᔾᔪᑎᖅᑲᖅᑐᓂᒃ ᐃᖕᓚᓐᒥᐅᑦ-ᑲᓇᑕᒥᐅᑦ ᑮᓇᐅᔭᕐᑯᑎᖅᑲᖅᑎᑦᑎᔩᖕᒋᑦ ᐱᓕᕆᐊᖕᒐᓐᓂᑦ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᑦ ᐃᓚᒋᔭᐅᖅᑲᖅᑕᐅᓚᐅᖅᐳᑦ ᐱᓕᕆᐊᖅᑲᑎᖅᑲᕐᓂᕐᒥᒃᑎᒍᑦ NERC-ᑯᒻᒥᒃ ᐊᖅᑲᓴ ᔭᐃᓂᔭᕿᐊᖅᑲᑦᑎᑦ ᖃᐅᓕᑦᑎᖕᒋᓂᒃ ᓇᒍᓇᐃᔭᖅᓯᒪᓕᕆᐊᖅᑐᕐᒋᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᑲᑐᔾᔨᓂᖅᑲᕐᓗᑎᒃ ᐱᓕᕆᓂᐅᓕᕈᓐᓇᕋᔭᖅᑐᓂᒃ. ᕿᓇᐅᔭᕐᑯᑎᒃᓴᐃᑦ ᑐᓂᕐᕈᓯᐊᖑᓚᐅᖅᐳᑦ ᓵᓚᒃᓴᐅᑎᒎᖑᓇᓯᐊᖅᑎᑦᑎᓂᒃᑯᑦ ᐊᒻᒪ ᐊᒥᓯᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᑭᑯᑦ ᐱᓕᕆᐊᕐᒋᑦ ᐃᑲᔪᖅᑕᐅᓯᒪᓂᖅᑲᓕᓚᐅᖅᑐᑎᒃ ᑕᕝᕙᙵᑦ ᐱᓕᕆᖅᑲᑎᖅᑲᓕᕐᓂᒃᑯᑦ ᐃᖕᓚᓐᒥᐅᓂᑦ ᖃᐅᔨᓴᖅᑎᓪᓗᑎᒋᖕᒋᓐᓂᒃ. ᑖᓐᓇ ᑲᑐᔾᔨᓂᖅᑐᑎᒃ ᐱᓕᕆᓂᐅᔪᖅ ᐱᔾᔪᑎᒋᓪᓗᒍ ᐱᐅᓯᕆᐊᖅᑎᑕᐅᓯᒪᓕᓚᐅᕆᖕᒋᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓂᐅᔪᑦ ᐃᖕᓚᓐᒥᐅᑦ ᓄᓇᖅᔪᐊᑉ ᐊᑖᓂ ᐅᑭᐅᖅᑕᖅᑐᖕᒥ ᖃᐅᔨᓴᐃᔩᑦ (BAS) ᐃᖅᑲᓇᐃᔭᕐᕕᖕᒋᓐᓄᑦ ᐊᒻᒪ ᓴᓇᕐᕈᑎᓕᕆᓂᕐᒧᑦ ᐃᑲᔪᖅᑕᐅᓯᒪᓕᕈᑎᓂᒃ.

## ᓄᐊᕐᕙᐃᒥᐅᑦ-ᑲᓇᑕᒥᐅᑦ ᐊᒻᒪ ᑲᓇᑕᒥᐅᑦ-ᓱᕕᑦᓯᕐᓚᓐᒥᐅᑦ ᑲᑎᒪᕐᔪᐊᖅᑲᑎᒌᓐᓂᖏᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᑦ ᓈᒻᒪᑦᑎᐊᖅᑐᒥᒃ ᐱᔾᔪᑎᖅᑲᕝᕕᐅᓚᐅᖅᐳᑦ ᒪᕐᕉᓐᓂ ᑲᑎᒪᓂᖅᑲᖅᑎᑦᑎᓂᐅᔪᓐᓂ ᐋᑐᕙᒥ ᓄᕕᐱᕆ 2016-ᖑᑎᓪᓗᒍ ᐊᒻᒪ ᖁᕕᐊᓯᒍᑎᖅᑲᖅᑎᑦᑎᓂᐅᓚᐅᖅᑐᒧᑦ ᓴᙱᓂᖅᑲᑦᑎᐊᓕᐊᓂᒃᑐᓂ ᐱᓕᕆᐊᖅᑲᖅᑎᖅᑲᓕᖅᓂᖑᓐᓂᒃ ᑲᓇᑕᑉ ᐅᑭᐅᖅᑕᖅᑐᖕᒋ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᐱᓕᕆᖅᑲᕆᓪᓗᑎᒃ ᓄᐊᕐᕙᐃᒥᑦ ᐊᒻᒪ ᖃᐅᔨᕆᐊᖅᑐᕐᒋᑦ ᐱᓕᕆᖅᑲᑎᖅᑲᓕᖅᑯᓐᓇᕐᓂᖕᒋᑦ ᑲᓇᑕᑉ ᐅᑭᐅᖅᑕᖅᑐᖕᒋ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᐊᒻᒪ ᓱᕕᑦᓯᕐᓚᓐᒥᐅᑦ ᐅᑭᐅᖅᑕᖅᑐᓕᕆᓂᕐᒧᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖕᒋᑦᑕ.

## ᐊᑦᓛᓐᑎᒃᒥ ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᖅᑎᓪᓕᓅᑦ ᑲᑎᒪᓂᖕᓚᑦ

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᓄᑦ ᐊᓪᓚᕝᕕᖕᒥ ᐃᓱᒪᑕᐅᔪᖅ ᓕᐊ ᐳᕋᐃᓐᕙᐃᑦ ᓴᖅᑮᔮᕈᓚᐅᖅᐳᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᒃᑯᑦ ᐱᓕᕆᐊᕆᓕᖅᓯᒪᔭᕆᖕᒋᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑲᑎᒪᓂᖅᑲᖅᑎᑦᑎᓂᐅᔪᒧᑦ ᐊᑦᓛᓐᑎᒃᒥ ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᖅᑎᓪᓕᓇᓐᓂᒃ ᐋᖅᑭᒃᓯᐊᖑᓯᒪᓪᓗᓂ ᑕᕆᐅᕐᔪᐊᑉ ᐊᑭᐊᓂᒥᐅᑦ ᑲᑎᒪᔩᖕᒋᓐᓂᒃ ᐳᕋᓯᑦᓴᒥ ᒫᔾᔭ 2017-ᖑᑎᓪᓗᒍ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖅᑲᑎᒌᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖑᑦ ᑲᑎᒻᔪᑎᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᖅᑲᖅᑕᐅᔪᖅ ᑕᑯᔅᓴᐅᑎᑦᑎᓂᒃᑯᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ ᐊᒻᒪ ᐱᓕᕆᐊᖑᓕᕈᒪᔪᓂᒃ ᑲᓇᑕᒥ, ᑕᕆᐅᕐᔪᐊᑉ ᐊᑭᐊᓂ ᐊᒻᒪ ᐊᒥᐊᓇᒃᒥ ᐊᑐᕐᓂᖅᑲᕋᔭᖅᑐᓪᓗᑎᒃ ᐱᒋᐊᖅᑎᑦᑎᓯᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᔾᔪᑎᓄᑦ.

# ᐊᕐᕌᒍᑕᒫᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᖓᑦ

**1,400+**
**-ᖑᓚᐅᖅᑐᑦ ᑲᑎᒪᖅᑲᑕᐅᔪᑦ 23-ᓂᑦ ᓄᓇᓕᕐᔪᐊᓂᑦ**

**500+**
**ᖑᓪᓗᐊᑐᑦ ᐅᖃᓪᓚᓚᐅᖅᐳᑦ ᐅᓂᒃᑳᖅᑐᑎᒃ**

**375+**
**-ᖑᓪᓗᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᓴᖅᑭᔮᖅᑎᑕᖕᕆᑦ ᐊᕙᓗᒥᐅᑕᐃᑦ ᑐᓴᒐᒃᓴᐃᑦ**

**60+**
**-ᖑᓪᓗᐊᖅᑐᑦ ᐃᓕᓐᓂᐊᕐᓃᑦ ᑲᑎᒪᓯᓐᓈᑦ ᐊᒻᒪᓗ ᐊᓯᐊᒍᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᔪᑦ**

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐊᕐᕌᒍᑕᒫᑦ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᓇᕙᒃᑕᖓᑦ ᐊᖏᒡᓕᒋᐊᖅᓯᒪᓕᕐᒪᑦ ᑲᓇᑕᒥᐅᑦ ᐊᖏᓂᖅᐸᐅᓪᓗᑎᒃ ᑲᑎᒪᕐᔪᐊᕐᓂᓇᔭᐅᕙᒃᑐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᖅᑎᓂᑦ, ᐃᓕᓐᓂᐊᕐᓃᓂᒍᑎᖃᖅᑎᓂᑦ, ᓯᓚᑦᑐᖅᓴᕐᕕᒻᒥ ᐃᓕᓐᓂᐊᕐᓃᓂᒍᑎᖃᖅᑐᓂᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᓕᓐᓄᑦ ᐱᔾᔪᑎᖃᖅᑎᕆᔭᐅᔪᓂᑦ, ᒐᕙᒪᒃᑯᓐᓂᑦ ᐊᒻᒪᓗ ᓴᓇᕝᕙᓐᓂᑦ ᐱᔾᔪᑎᖃᖅᑎᕆᔭᐅᔪᓂᑦ ᐅᖃᓪᓚᐅᓯᕆᓂᐊᖅᑐᒥᑦ ᐊᒥᓱᒃᓚᐅᕐᑐᒥᒃ ᐱᔭᕆᐅᔪᑦ ᐱᓕᕆᐊᒃᓴᐅᓕᖅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᕈᓐᓇᖅᑐᑦ ᓴᖅᑭᑎᑕᐅᓯᒪᓪᓗᑎᒃ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓂᑦ ᐊᒻᒪᓗ ᐅᓪᓗᒥᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕆᐊᕈᑎᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᑲᑎᒪᓂᖅᑲᖅᑎᑦᑎᔨᐅᓚᐅᖅᐳᑦ ᒪᕿᐃᓐᓂ ᐃᖏᕋᑦᑎᐊᕐᓂᖅᒪᓇᒃᑎᑕᐅᓪᓗᑎᒃ ᕿᓐᖁᔭᕐᒥ 2015-ᖑᑎᓪᓗᒍ ᐊᒻᒪᓗ ᒍᐃᓂᐲᒃᒥ 2016-ᖑᑎᓪᓗᒍ. ᑖᒃᑯᐊ ᒪᕐᕉᓪᓗᑎᒃ ᑲᑎᒪᕐᔪᐊᕐᓂᐅᓚᐅᖅᑐᑦ ᐊᑯᓐᓂᖓᓂ, ᐅᖓᑖᓄᑦ 1,400 ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓚᐅᖅᐳᑦ 23-ᖑᔪᓂᑦ ᓄᓇᓕᕐᔪᐊᕆᔭᐅᔪᓂᑦ ᐅᐸᒍᑎᓯᒪᓪᓗᑎᒃ ᑲᑎᒪᓂᕐᑲᕈᑎᓂ ᓴᖅᑮᓂᐅᔪᓄᑦ, ᑲᑎᒪᓯᓐᓈᑦ ᐱᓕᒻᒪᒃᓴᐃᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᕐᑲᑎᒌᓐᓂᕐᓂ ᖃᓄᐃᓕᐅᖅᑎᑦᑎᓂᐅᔪᓄᑦ. ᐅᖓᑖᓄᑦ 500 ᐅᖃᓪᓚᓚᐅᖅᐳᑦ ᐅᓂᒃᑳᖅᑎᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ 375 ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᓴᖅᑭᔮᖅᑎᑕᕐᕆᓂᒃ ᐊᕙᓗᒥᐅᑕᓂᒃ ᑐᓴᒐᒃᓴᖁᑎᓂᒃ ᐊᔾᔨᙳᖅᑐᖅᑐᓂᑦ ᐱᓕᕆᐊᖅᑎᐅᔪᓂᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ, ᐊᒻᒪᓗ ᐅᖓᑖᓄᑦ 60 ᑲᑎᒪᓯᓐᓈᑦ ᐱᓕᒻᒪᒃᓴᐃᓂᖅᑎᑦᑎᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐊᓯᐊᒍᑦ ᖃᓄᐃᓕᐅᕐᓂᖅᑎᑦᑎᓪᓗᑎᒃ ᐊᑕᐅᑦᑎᒃᑯᑦᑎᑕᐅᓯᒪᔪᓂᑦ ᑲᑎᒪᕐᔪᐊᕐᓂᐅᔪᓄᑦ.

ᒪᒃᑯᒃᑐᐃᑦ ᓯᕗᓕᖅᑎᐅᓕᖅᓯᒪᔪᑦ ᐊᒥᓱᖅ<ᓪᓕᐊᑎᓪᓗᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐃᓕᓐᓂᐊᖅᑎᓄᑦ ᐅᓪᓗᖃᖅᑎᑦᑎᕙᓐᓂᖓᑦ ᓯᓚ ᐃᓚᒋᔭᐅᑎᐅᕙᒃᐳᖅ ᑲᑎᒪᕐᔪᐊᕐᓂᖅᑎᓪᓗᒋᑦ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᐃᓚᒋᔭᑕᐅᓪᓗᒋᑦ ᖃᐅᔨᓴᐃᔨᒪᓕᕆᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖅᑎᓄᑦ ᐃᓚᒋᔭᐅᔭᑕᐅᔪᑦ. ᐅᖓᑖᓄᑦ 620 ᓯᓚᑦᑐᖅᓴᕐᕕᓐᓂ ᐃᓕᓐᓂᐊᕈᓐᓃᓯᒪᔪᑦ, ᖁᑦᑎᖕᓂᖅᐸᓄᑦ ᐃᓕᓐᓂᐊᕆᑎᓂᒃ ᐃᓕᓐᓂᐊᕈᓐᓂᒃᓯᒪᔪᑦ, ᖃᐅᔨᓴᖅᑏᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖅᑎᕆᔭᐅᑲᑕᐅᔪᑦ ᐅᐸᒍᑎᑲᑕᐅᓚᐅᖅᐳᑦ 10-ᒋᔭᖓᓂᒃ ᐊᒻᒪᓗ 11-ᒋᔭᖓᓂᒃ ᐊᕐᕌᒍᑕᒫᑦ ᐃᓕᓐᓂᐊᖅᑐᐃᑦ ᐅᓪᓗᖃᖅᑕᐅᓂᖏᓐᓄᑦ, 20-ᖑᔪᑦ ᐃᓕᓐᓂᐊᖅᑏᑦ ᓵᓚᒃᓴᐅᑎᑖᖅᑐᑎᒃ ᐊᕙᓗᒥᐅᑕᐃᑦ ᑐᓴᒐᒃᓴᓂᒃ ᐋᖅᑭᒃᓯᐃᓯᒪᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᖓᑦ ᕿᓐᖁᔭᕐᒥ ᐊᒻᒪᓗ ᒍᐃᓂᐲᒃᒥ.

ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᖁᕕᐊᓯᓪᓚᕆᓚᐅᖅᐳᑦ ᑐᙵᓱᒃᑎᑦᑎᓯᒪᒋᐊᒥᓂᒃ ᑕᕝᕗ. ᒌᕝᕕᐅᓪᓚ ᕚᓐᓴᑕ ᑎᒥᖁᑎᖓᑦ ᓴᖅᕿᓂᖓᓄᑦ ᐊᕐᕌᒍᑕᒫᑦ ᕚᓐᓴᑕ ᐃᓚᕆᑦ ᓵᓚᒃᓴᐅᑎᑖᖓᓂᒃ ᐃᓅᓯᓕᒫᒥᓂ ᐱᓕᕆᓂᖅᓯᒪᓂᖓᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᓄᑦ ᔫᑦᑖᖅ ᐃᐊᓐ ᓯᑑᓕᖑᑦ 2015-ᒥ ᐊᒻᒪᓗ ᔫᑦᑖᖅ ᔾᔮᓐ ᐃᖕᓚᓐᒍᑦ 2016-ᒥ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᐃᓄᐃᑦ ᐃᓚᑕᓇᔭᐅᔾᔨᑎᓂᒃ ᑐᓂᕐᕈᓯᐊᑦ ᑐᓂᔭᐅᓚᐅᓇᒋᑦ ᑕᒡ ᐃᓴᒍᑉᒍᑦ 2015-ᒥ ᐊᒻᒪᓗ ᐊᐃᓂᔅ ᓯᕗᒃᒍᑦ 2016-ᒥ ᐃᑲᔪᖅᓯᒪᓂᕆᓂᖏᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᓄᑦ. ᔫᑦᑖᖅ ᑯᓇᔅᑕᕗᕐ ᕘᕐᒍ ᐊᒻᒪᓗ ᔦᐃᐅᑦ ᒪᒃᐋᓕᔅᑐᕐ ᑐᓂᕐᕈᓯᐊᖅᑖᓚᐅᓇᒋᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐃᖅᑲᓇᐃᔭᓇᓕᕐᑕᒧᑦ ᖃᐅᔨᓴᖅᑎᐅᓂᖑᑦ ᑲᓇᑕᒥ-ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖑᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᑐᑭᒧᐊᒃᑎᐅᓯᒪᓂᖑᑦ ᐃᓚᑕᓇᔭᐅᔾᔨᑎᖓᓂᒃ 2015-ᒥ ᐊᒻᒪᓗ 2016-ᒥ ᒪᓕᒃᑐᕋᐅᑎᑎᓪᓗᒋᑦ, ᐃᓚᑕᓇᔭᐅᔾᔨᑎᒋᓪᓗᓂᒋᑦ ᐱᓕᕆᐊᖃᕐᔪᐊᕐᓯᒪᓂᖏᓐᓄᑦ ᐃᖅᑲᓇᐃᔭᓇᓕᕐᓂᐊᖅᑕᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᕐᑎᓄᑦ ᐱᓕᕆᐊᖑᔪᒧᑦ.

# ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᒪᑦᑎᐊᕐᓂᖏᑦ ᓵᓚᒃᓴᐅᑕᐅᔪᖅ

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ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᒪᑦᑎᐊᕐᓂᖏᑦ ᓵᓚᒃᓴᐅᑕᐅᓕᒃᑐᖅ ᑐᓂᕿᐊᖅᑖᖑᓕᒃᐳᖅ ᐊᕿᒍᑕᒫᑦ ᐃᓕᑕᕆᔭᐅᓪᓗᑎᒃ ᐊᒻᒪᓗ ᐱᔭᕆᖅᓴᖅᑕᐅᓪᓗᑎᒃ ᐊᔾᔨᐅᓐᖏᑦᑐᒃᑯᑦ ᐃᑲᔪᑎᖃᕐᓂᕆᓐᓄᑦ ᐱᓕᕆᖃᑕᐅᔪᑦ ᑲᑎᑎᕆᓪᓗᑎᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᑎᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐸᕐᓇᐅᑎᖏᓐᓂᑦ ᐱᓕᒻᒪᒃᓴᐃᓂᖏᑦ ᑖᒃᓯᒥᖓ ᖃᐅᔾᔨᑎᑖᒥ ᐊᑐᖅᑕᐅᓪᓚᑦᑖᓕᕐᓗᓂ ᓯᓚᕐᔪᐊᕐᒥ ᐃᑲᔫᑕᐅᓂᐊᖅᑐᓂᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓄᑦ, ᐅᑭᐅᖅᑕᖅᑐᕐᒥᐅᓄᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥᐅᓄᑦ. ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑭᓯᓂᐊᖃᑎᒌᑦ ᖁᕕᓱᒃᐳᑦ ᐊᐅᓚᑦᓯᔨᐅᖃᑦᑕᖅᓯᒪᓂᕐᒥᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᓕᕆᐊᒪᑦᑎᐊᕐᓂᖏᑦ ᓵᓚᒃᓴᐅᑕᐅᓕᒃᑐᓂᒃ 2012-ᒥᑦ 2015-ᒧᑦ. ᓵᓚᒃᓴᐅᑎᑖᖑᓕᒃᑐᑦ ᐊᑕᐅᑦᓯᒃᑰᕐᑎᑕᐅᓯᒪᓂᖅᑲᖅᐳᑦ ᐱᓕᕆᐊᖅᑲᖅᑎᑦ ᓂᕆᐅᒋᓂᕆᔭᕆᓐᓄᑦ ᓯᕗᓂᐅᓂᐊᖅᑐᒧᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂᒃ ᐊᒥᖅᑲᖅᑎᕖᓕᕋᔭᕐᓂᖏᑦ, ᓇᐅᑦᓯᖅᑐᐃᓂᖏᑦ, ᐱᓕᕐᔪᑎᖃᓕᖅᓂᖏᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖅᑲᖅᑎᐅᓕᕈᓐᓇᕐᓂᕐᓂᒃ ᐱᕈᖅᑎᑦᑎᕆᐊᕐᓂᖏᑦ ᑐᕌᖓᔪᓂᒃ ᐱᓕᕆᐊᖃᕈᓐᓇᖅᓯᑎᑕᐅᓗᑎᒃ ᖃᐅᔮᓴᖅᑎᒻᒪᕆᐅᔭᐃᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᑎᐅᕙᒃᑐᑦ ᑲᑐᔾᔨᖃᖅᓯᖅᑎᑎᓗᑎᒃ ᒥᑭᓪᓕᕆᐊᖅᑎᕆᐊᕐᓂᐊᕐᓗᕆᑦ ᓈᒻᒪᕆᑦᑐᑎᒍᑦ ᐊᑐᐃᓯᒪᓕᕐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐊᕆᒡᓕᕆᐊᖅᑎᓯᒪᓕᕐᓂᐊᕐᓗᕆᑦ ᓈᒻᒃᑐᑎᒍᑦ ᖃᓄᐃᓕᖕᒐᓕᕐᓂᐅᔪᑦ ᐊᓯᔾᔩᑉᐸᓪᓕᐊᓂᐅᔪᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂᒃ.

ᓯᑕᒪᕆᔭᖓᓂᒃ ᐅᑭᐅᖅᖅᑐᒥ ᐱᓕᕆᐊᒪᑦᑎᐊᕐᓂᖏᑦ ᓵᓚᒃᓴᐅᑕᐅᔪᓂᒃ ᖁᕝᕙᐊᓯᒍᑎᖃᕐᓂᖅ ᐱᓕᕆᓂᐅᓚᐅᕐᐳᖅ ᔫᓇᐃᓐ 7, 2016-ᒥ ᓵᐊ ᐃᑲᓗᒃᔪᐊᖁᑎᖕᒐᓂ ᐋᑐᕙᒥ ᐃᓚᐅᖃᑕᐅᑎᑕᐅᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ 2016-ᒥ ᑲᑎᒪᔪᐊᖅᓂᖃᖅᓂᖕᒋᑕ ᐊᒻᒪᓗ 5-ᒋᔭᖓᓂᒃ ᑐᓂᕿᓯᐊᖅᑖᖅᑎᑦᑎᓂᖏᑦ ᖃᐅᐃᓚᐅᖅᑎᑦᑎᓂᖅ ᐱᓕᕆᓂᐅᓚᐅᖅᑐᓂ ᑎᓯᐱᕆ 2016-ᖑᑎᓪᓗᒍ ᐃᓚᐅᖃᑕᐅᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᐊᕿᒍᑕᒫᑦ ᖃᐅᔮᓴᖅᑎᒻᒪᕆᐅᔪᑦ ᑲᑎᒪᔪᐊᖅᓂᖃᖅᑎᓪᓗᒋᑦ ᒍᐃᓂᐦᐱᒡ. ᐅᑭᐅᕆᑦ 2015 ᐊᒻᒪᓗ 2016 ᐊᑐᖅᑎᓪᓗᒋᑦ, ᑲᑎᓪᓗᒃᑖᖅᑐᒋᑦ ᓵᓚᒃᓴᐅᑎᑖᖑᔪᑦ $1.5-ᒥᓕᐊᓐᑖᓚᓂᒃ ᑲᓇᑕᐅᑉ ᑮᓇᐅᔭᕆᑎᒍ ᐊᒥᖅᑲᖅᑕᐅᓚᐅᖅᐳᑦ 3-ᖑᔪᓂᑦ ᐱᓕᕆᐊᖅᑲᖅᑎᕆᔭᐅᔪᓂᑦ ᐊᔾᔨᒌᙱᕆᐅᖅᑐᓂ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᕐᓂ ᐱᓕᕆᓂᖅᑲᕐᓂᖏᑦ ᑐᓵᑎᐊᕈᓐᓃᖅᓯᒪᓂᕆᑦ ᒪᒃᑯᒃᑐᐃᑦ ᑎᑭᑦᑐᒍ ᐱᑕᖅᑲᕈᓇᐃᕐᓂᖓᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑦ ᐱᙱᒍᐊᕐᓂᒃᑯᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᕙᓐᓂᕆᓐᓄᑦ ᐊᒻᒪᓗ ᑕᓇᐅᑉ ᓯᑯᐊᒍᑦ ᐅᐊᔭᕐᓂᐅᕙᒃᑐᓄᑦ ᐅᓗᖅᐊᓇᖅᓯᓯᒪᓂᐅᕙᒃᑐᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔩᑉᐸᓪᓕᐊᓂᖓᓂᑦ. 2015-ᒥ ᑐᓂᕿᓯᐊᖅᑖᖅᑎᑕᐅᔪᑦ ᐅᑯᐊᖑᓚᐅᖅᐳᑦ: ᑐᓵᑦᑎᐊᕈᓐᓇᖅᓯᑎᑦᑎᓂᖅ ᐃᓕᓐᓂᐊᕈᑎᓂᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᒪᒃᑯᒃᑐᑦ (BHENY), ᖃᑦᒋᖅ: ᐱᕈᖅᑎᑦᑎᕆᐊᖅᑎᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᙳᐊᖅᑎᓂᒃ, ᐊᒻᒪᓗ ᐱᖓᓱᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐱᙳᐊᕐᓂᓕᕆᓂᖏᑦ ᐱᓕᒻᒪᒃᓴᐃᓂᖓᑦ (TRT) ᐱᓕᕆᐊᖑᔪᖅ; ᐊᒻᒪᓗ 2016-ᒥ: ᖃᕿᒫᐱᒃ ᐃᒡᓗᕐᔪᐊᖓ, ᐃᓕᓐᓂᐊᖅᑎᑦᑎᓂᖅ, ᐊᒻᒪᓗ ᑕᒪᓅᒃᑯᑎᑦ ᓴᓇᕿᑎᑦ ᑕᐃᔭᐅᓪᓗᑎᒃ SmartICE-ᒥᒃ.



ᐊᔾᔨᓕᐅᖅᑎᐅᔪᑦ Sgt Ronald Duchesne, Rideau Hall © OSGG-BSGG, 2015

ᐊᔾᔨᓕᐅᖅᑎᐅᔪᑦ ©Matt Zambonin/Canadian Geographic

# ᑐᓂᕐᕈᓯᐊᑦ ᐊᒻᒪᓗ ᐃᓕᑕᕆᔭᐅᔪᑦ

## ᒥᓯᐊᓪ ᐊᓛᕐᑦ - ᑯᐃᓐ ᑭᒡᒐᖅᑐᖅᑎᖕᒐᑕ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᓵᓚᒃᓴᐅᓯᐊᖕᒐ

ᐱᓕᕆᐊᕐᑲᖅᑎᑦ ᖃᐅᔨᓴᖅᑎᖕᒐ ᒥᓯᐊᓪ ᐊᓛᕐᑦ ᑐᓂᕐᕈᓯᐊᖅᑖᓚᐅᕐᐳᖅ ᔪᓚᐃ 2015-ᒥ ᐱᒋᐊᖅᑎᑕᐅᓵᓚᐅᖅᑐᓂ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᓵᓚᒃᓴᐅᓯᐊᖑᕙᒃᒥᒃ ᑯᐃᓐ ᑭᒡᒐᖅᑐᖅᑎᖕᒐᓂᑦ ᑲᓇᑕᒥ, ᓂᖅᑐᕐᓇᖅᑐᒧᑦ ᑕᐃᕝᑦ ᔫᓴᑕᓐ, ᐊᖏᔫᒪᓇᖕᒥᒃ ᐱᔾᑦᓯᕋᖅᑎᐅᓯᒪᓂᖕᒐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᕆᔭᖏᓐᓂ ᐊᒻᒪᓗ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖕᒐᓂ. ᑑᑦᑖᖅ ᐊᓛᕐᑦ ᖃᐅᔨᓴᐃᓂᕐᑲᖅᐸᓐᓂᖕᒐ ᑐᕌᖕᒐᑎᑕᐅᓯᒪᕗᖅ ᖃᐅᔨᕆᐊᕐᓂᕐᒧᑦ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᓂᒃ ᕐᑯᐊᖑᐃᓐᓇᖅᑐᑉ ᐊᐅᒃᐸᒡᓕᐊᓂᖕᒐᓂᒃ ᐊᕙᑎᐅᔪᒥ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓯᒐᐅᓯᒪᓕᐊᓂᒃᑐᓄᑦ ᐱᓕᕆᕝᕕᖕᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ ᑐᓂᕐᕈᓯᐊᖅᑖᕐᑎᑕᐅᓂᖕᒐ ᓄᑖᖑᓪᓗᓂ ᑐᓂᕐᕈᓯᐊᖑᕙᒃᑐᑦ ᒪᒃᐳᐸᐃᑦ ᑕᑯᔭᖅᑐᕐᕕᖕᒐᓂ ᔫᑳᓐ ᐊᑐᖅᑕᐅᓯᒪᔪᓕᕆᕝᖠᓚᐅᕐᐳᖅ ᕙᐃᑉHᐃᐊᕐᓴ, ᔫᑳᓐᒥ.

## ᓗᐃ ᒁᐊᑦᑎᐋ - 2015 ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖕᒐ

ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖅᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᓱᒪᑕᕆᔭᐅᔪᖅ, ᑑᑦᑖᖅ ᓗᐃ ᒁᐊᑦᑎᐋ, ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖅᑖᓚᐅᕐᐳᖅ 2015-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᑖᖅᑎᑦᑎᕙᓐᓂᖕᒐᑕ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᖅ ᑲᓇᑕᒥ ᓄᓇᐱᓇ 2015-ᒥ ᐅᐱᓐᓇᒻᒪᕆᒃᑐᒃᑯᑦ ᐃᑲᔪᖅᓯᒪᓂᖕᒐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᐅᔪᑦ ᓯᕗᒻᒧᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑦᑐᕆᑦ.

***“ᓯᓕᑦᑐᖕᒐ ᕐᑯᕕᐊᓯᒍᑎᔪᒻᒪᕆᒃᐸᕋ ᑑᑦᑖᖅ ᒁᐊᑦᑎᐋ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ 2015-ᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑐᓂᕐᕈᓯᐊᖅᑖᕐᑎᑕᐅᓂᖕᒐᓄᕐ. ᐃᑲᔪᖅᓯᒪᓂᖕᒐ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑐᑭᓯᐅᒪᓕᖅᑎᑦᑎᓂᕐᒧᑦ ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᑐᕌᖕᒐᔪᓂᒃ, ᐱᓗᐊᖅᑐᒥᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᓱᒪᑕᕆᔭᑦᑐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒋᒃᑯᓐᓄᕐ, ᓇᓗᓇᐃᑦᑐᒥᒃ ᐊᑐᕐᓂᖃᑦᓚᕆᒃᓯᒪᒻᒪᑕ ᐃᓄᖏᓐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖕᒋᔭᐅᔪᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖕᒐᓂ.”***

ᑭᐊᕈᓕᓐ ᐱᓐᓂᑦ, ᒥᓂᔅᑕᕆᔭᐅᔪᖅ ᑲᓇᑕᒥ ᓄᓇᕐᑲᖅᑳᕐᓯᒪᔪᓕᕆᔩᒃᑯᑦ ᐊᒻᒪᓗ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔩᒃᑯᓐᓄᑦ

## ᒁᐊᕐᕕᒃ ᕕᓐᓴᓐᑦ - 2016 ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᓵᓚᒃᓴᐅᓯᐊᖕᒐ ᐊᒻᒪᓗ ᒫᕐᑎᓐ ᑏᒃᒪᓐ ᓵᓚᒃᓴᐅᓯᐊᖕᒐ

ᒁᐊᕕᒃ ᕕᓐᓴᓐᑦ, ᐊᑯᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᑐᑭᓯᓂᐊᖃᑎᒌᓂ ᖃᐅᔨᓴᐃᔨᐅᓯᒪᓕᕐᐳᖅ, ᐃᓕᓴᐃᔨᕐᔪᐊᖑᓪᓗᓂ ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᓯᓚᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐᓂ ᓚᕖ ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᕐᓂᓕᕆᔨᒃᑯᓐᓄᑦ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᓪᓗᓂ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐆᒪᓂᖅᑲᕐᑐᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᔨᓂ, ᑐᓂᕐᕈᓯᐊᖅᑖᓚᐅᕐᐳᖅ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ 2016 ᐅᑭᐅᖅᑕᖅᑐᒧᑦ ᓵᓚᒃᓴᐅᓯᐊᒥᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᑲᔪᖅᓯᒪᓂᖕᒐᓄᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒥ ᐊᒻᒪᓗ ᐆᒪᓂᖅᑲᖅᑐᓕᕆᓂᕐᒥ ᖃᓄᐃᓕᖕᒐᓕᕐᓂᐅᔪᓄᑦ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖕᒐᓂᑦ ᐊᒻᒪᓗ ᓄᓇᕐᔪᐊᑉ ᐊᑖᓂ ᐅᑭᐅᖅᑕᖅᑐᖕᒐᑕ ᐃᒪᖏᓐᓄᑦ. ᑖᓐᓇ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᐅᔪᖅ ᑐᕌᖕᒐᑎᑕᐅᓚᐅᑲᒁᖅ ᓯᕗᓕᖅᑎᐅᓂᖕᒐᓄᑦ ᖃᐅᔨᓴᐃᓂᕐᒥ ᐃᓱᒪᑕᕆᔭᐅᓪᓗᓂ ᓕ ᓯᓐᑐᕐᓴᑏᐃᑑᑦ ᓄᐊᑎᒃᑯᓐᓄᑦ. ᑑᑦᑖᖅ ᕕᓐᓴᓐᑦ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ ᑐᓂᕐᕈᓯᐊᖅᑖᓚᐅᕐᐳᖅ ᕐᑯᕕᐊᓯᒍᑎᕐᑲᖅᑎᑦᑎᓂᖕᒐᓐᓂ ᑯᐃᓐ ᑭᒡᒐᖅᑐᕐᑎᖕᒐᑕ ᑲᓇᑕᒥ ᐃᒡᓗᕐᔪᐊᖕᒐᓂ ᓯᑕᑎᐊᓪ ᐊᕝ ᑯᐃᐸᒃᒥ, ᐅᒃᑐᐱᕆ 5-ᖑᑎᓪᓗᒍ.

ᓄᕕᐱᕆ 2016-ᒥ, ᑑᑦᑖᖅ ᕕᓐᓴᓐ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖅᑖᓚᐅᕐᐳᖅ ᒫᕐᑎᓐ ᑏᒃᒪᓐ ᓵᓚᒃᓴᐅᓯᐊᒥᒃ ᕈᐃᐅᓪ ᑲᓃᑎᐊᓐ ᔨᐅᑯᕿᕕᒃ ᓱᓴᐃᐊᑎᒃᑯᓐᓂᑦ ᕐᑯᑦᑎᖕᓂᖅᐹᒥᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓯᕗᓕᖅᑎᐅᓯᒪᓂᖕᒐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᓕᕆᓂᕐᒧᑦ. ᑐᓂᕐᕈᓯᐊᒥᓂᒃ ᑐᓂᔭᐅᓯᒪᓕᓚᐅᕐᐳᖅ ᕐᑯᕕᐊᓯᒍᑎᒃᕐᓂᖏᓂ ᐊᕐᕋᒍᑕᓖᑦ ᑑᑦᑖᖑᔪᑦ ᓂᕆᖃᑎᒋᓐᓂᐊᓵᕐᓂᖏᑕ ᑲᓇᑕᒥ ᐅᓇᑕᖅᑐᒃᓴᐃᑦ ᑕᑯᔭᖅᑐᐃᕙᖕᒐᓐᓂ ᐋᑐᕙᒥ.

## ᔮᓐ ᓯᒨᐅᓪ - 2016 ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᕙᓐᓂᕐᓄᑦ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖕᒐ

ᐱᓕᕆᕐᑲᑎᒌᑦ ᖃᐅᔨᓴᖅᑎᖕᒐ ᔮᓐ ᓯᒨᐅᓪ ᑐᓂᕐᕈᓯᐊᖅᑖᓚᐅᕐᐳᖅ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ 2016 ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᕙᓐᓂᕐᓄᑦ ᐃᓕᑕᕆᔭᐅᔾᔪᑎᒥᒃ ᑐᓂᔭᐅᓪᓗᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᖅ ᑲᓇᑕᒥ ᓄᕕᐱᕆ 2016-ᒥ ᐃᑲᔪᖅᓯᒪᓂᖕᒐᓄᑦ ᓯᕗᒻᒧᕆᐊᖅᑎᑦᑎᓯᒪᓕᕆᐊᕐᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓄᑦ ᓄᓇᐃᓐᓇᒥ ᐃᒪᕐᓂ ᐅᒪᓂᖅᑲᖅᑐᓂᒃ. ᑖᓐᓇ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖅᑖᖕᒐ ᑐᓂᔭᐅᓚᐅᕐᐳᖅ ᕐᑯᕕᐊᓯᒍᑎᒃᕐᓂᖏᓐᓂ ᐊᕐᕋᒍᑕᓖᑦ ᑑᑦᑖᖑᔪᑦ ᓂᕆᖃᑎᒋᓐᓂᐊᓵᕐᓂᖏᑕ ᑲᓇᑕᒥ ᐅᓇᑕᖅᑐᒃᓴᐃᑦ ᑕᑯᔭᖅᑐᐃᕙᖕᒐᓐᓂ ᐋᑐᕙᒥ.

***“ᑑᑦᑖᖅ ᓯᒨᐅᓪ ᐊᖏᔫᒪᓇᒻᒥᒃ ᐃᑲᔪᖅᓯᒪᓂᕐᑲᕐᒪᑦ ᓯᕗᒻᒧᕆᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑦᑐᕆᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᑕᕆᐅᖑᖕᒋᑦᑐᓂ ᐃᒪᕐᓂ ᐱᓕᕆᔾᔪᑎᕆᔭᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐅᐸᒃᑕᐅᕙᔪᒃᑑᓕᖅᑐᓂ ᑐᑭᓯᔪᒪᓂᕐᑲᖅᑐᓄᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᕐᓂᐅᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐆᒪᓂᖅᑲᖅᑐᓕᕆᓂᕐᓄᑦ.”***

ᑑᑦᑖᖅ ᑕᐃᕝᑦ ᐋ. ᓯᑳᑦ, ᐊᖏᔪᖅᑳᖅ, ᐅᑭᐅᖅᑕᖅᑐᒥᒃ ᖃᐅᔨᒪᓂᖅ ᑲᓇᑕᒥ

## ᑕᐃᕝᑦ ᐹᕐᐳᕐ - ᑲᓇᑕᒥ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖅᑖᕈᑎᖕᒐ ᐊᒻᒪᓗ 2016 ᐃᓚᒋᔭᐅᕐᑲᑕᐅᓕᕐᓂᖅ ᕈᐃᐅᓪ ᓱᓴᐃᐊᑎᒃᑯᖏᓐᓄᑦ ᑲᓇᑕᒥ

ᑎᓯᐱᕆ 2016-ᒥ, ᐃᓕᓇᐊᕐᑲᖅᑎᑦ ᖃᐅᔨᓴᖅᑎᖕᒐ ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐃᒃᓯᕙᐅᑕᕆᔭᐅᔪᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᖃᐅᔨᓴᐃᓂᓕᕆᓂᕐᒧᑦ ᓯᓚᑦᑐᖅᓴᕐᕕᔾᔪᐊᖕᒐᓂ ᒫᓂᑑᐸ, ᑕᐃᕝᑦ ᐹᕐᐳᕐ, ᑎᓕᔭᐅᓯᒪᓕᓚᐅᕐᐳᖅ ᐱᓕᕆᐊᖅᑎᐅᓂᕐᒧᑦ ᑲᓇᑕᒥ ᐃᓕᑕᕆᔭᐅᔾᔪᓯᐊᖅᑖᖑᕙᒃᑐᓄᑦ ᐃᓕᑕᕆᔭᐅᑦᑐᓂ ᓯᕗᓕᖅᑎᐅᓂᖕᒐᓄᑦ ᐊᕙᑎᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᕆᓯᒪᔭᖏᓐᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᑉ ᑕᕆᐅᖕᒐᓂ ᓯᑯᖃᕐᓂᐅᔪᓂ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᐅᔪᓄᑦ.

ᑑᑦᑖᖅ ᐹᕐᐳᕐ ᓂᕈᐊᑕᐅᓯᒪᓕᓚᐅᕐᒥᔪᖅ 2016-ᒥ ᕈᐃᐅᓪ ᓱᓴᐃᐊᑎᒃᑯᖏᓐᓄᑦ ᑲᓇᑕᒥ (RSC), ᑲᓇᑕᒥ ᕐᑯᑦᑎᖕᓂᖅᐸᐅᓪᓗᑎᒃ ᑲᑐᔾᔨᕐᑲᑎᒌᖑᔪᓄᑦ ᐃᓕᓴᐃᔨᕐᔪᐊᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᖕᓂᑦ.

## ARCTICNET MEMBER INSTITUTIONS AND CANADIAN PARTNER ORGANIZATIONS
## ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᑐᑭᓯᓂᐊᖃᑎᒌᒃᑯᓐᓄᑦ ᐃᓚᒋᔭᐅᔪᑦ ᑎᒥᖁᑎᖓᓐᓄᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥᐅᑦ ᐃᓚᐅᖃᑕᐅᔪᑦ
## ÉTABLISSEMENTS MEMBRES ET ORGANISATIONS PARTENAIRES CANADIENNES D’ARCTICNET

### Yukon

Canadian Northern Economic Development Agency
Geo Cardinal Services Corp.
Yukon College
Yukon Government

### Northwest Territories

Environment and Climate Change Canada
  Canadian Wildlife Service - Northern Conservation Division
Government of the Northwest Territories
Northwest Territories Literacy Council
NWT Cumulative Impacts Monitoring Program

### Inuvialuit

Aurora Research Institute
Fisheries Joint Management Committee
Inuvialuit Cultural Resource Centre
Inuvialuit Regional Corporation
Paulatuk Hunter and Trappers Committee

### Nunavut

Agnico-Eagle Mines
Arctic Infrastructure Partners
Arviat Wellness Centre/ Youth Climate Monitors
Arviat Young Hunters Program
Canadian Northern Economic Development Agency
Canada-Nunavut Geoscience Office
City of Iqaluit
Coalition of Nunavut District Education Authorities
Department of Health and Social Services
Environment and Climate Change Canada
  Canadian Wildlife Service
Government of Nunavut
  Fishing and Sealing Division
  Wildlife Management Division
Ikaarvik
Inuit Uqausinginnik Taiguusiliuqtiit
Niqitsiavut Society
Nunavut Arctic College
  Nunatta Campus
Nunavut Department of Environment
Nunavut Department of Health
Nunavut Food Security Coalition
Nunavut General Monitoring Plan
Nunavut Housing Corporation
Nunavut Implementation Fund
Nunavut Literacy Council
Nunavut Research Institute
Nunavut Teachers’ Association
Nunavut Tunngavik Incorporated
Nunavut Wildlife Management Board
Parks Canada
Qaujigiartiit Health Research Centre
Qikiqtani General Hospital
Qikiqtani Inuit Association
Royal Canadian Mounted Police

### British Columbia

Canadian Scientific Submersible Facility
Fisheries and Oceans Canada
  Institute of Ocean Sciences
MDA Corporation
PH & N Investment Counsel
S. and A. Inspiration Foundation
Simon Fraser University
Sitka Scientific
The Axys Group
The Salt Spring Forum
University of British Columbia
University of Northern British Columbia
University of Victoria
Vancouver Aquarium

## Alberta

- Canatec
- Government of Alberta
- Imperial Oil Resources Ventures Limited
- MacEwan University
- Statoil Canada Ltd.
- University of Alberta
- University of Calgary

## Saskatchewan

- University of Saskatchewan

## Manitoba

- Assiniboine Park Zoo
- Calm Air
- Fisheries and Oceans Canada
  - Freshwater Institute
  - Species at Risk Act
- Government of Manitoba
- Manitoba Hydro
- Oceans North Canada
- Polar Bears International
- University of Manitoba
  - Centre for Earth Observation Science
- University of Winnipeg

## Ontario

- A.D. Latornell Endowment Fund
- Agriculture
- Arctic Research Foundation
- Baffinland Iron Mine
- Banrock Station Wetlands Foundation Canada
- BD - Canada
- C-CORE
- Canadian Cryospheric Information Network
- Canadian Food Inspection Agency
- Canadian Museum of Nature
- Carleton University
- CICan Clean Tech Internship
- Department of Foreign Affairs and International Trade
- Environment and Climate Change Canada
  - Canada Centre for Inland Waters
  - Canadian Ice Service
  - Meteorological Service of Canada
- Environmental Studies Research Fund
- First Air
- Fisheries and Oceans Canada
  - Canadian Coast Guard
  - Canadian Hydrographic Service
  - Central & Arctic Region
  - Integrated Science Data Management
- Global Affairs Canada
- Health Canada
  - First Nations and Inuit Health Branch
- Indigenous and Northern Affairs Canada - New Paths for Education
- International Development Research Centre
- Inuit Circumpolar Council (Canada)
- Inuit Tapiriit Kanatami
- JF Boucher Consulting Ltd
- Lakehead University
- LGL Limited - Environmental Research Associates
- LookNorth
- McMaster University
- Meteorological Service of Canada
  - Climate Research Branch
- Natural Resources Canada
  - Geological Survey of Canada
  - Geomatics Canada
  - Polar Continental Shelf Program
- Ontario Ministry of Advanced Education and Skills Development
- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ontario Ministry of Natural Resources
- Ontario Ministry of Research, Innovation and Science

POLAR Knowledge Canada
Public Health Agency of Canada
Queen's University
Rideau Hall Foundation
Ryerson University
Saudi Arabian Cultural Bureau
The Kenneth M Molson Foundation
The W. Garfield Weston Foundation
Transport Canada
Trent University
University of Guelph
- Ontario Veterinary College

University of Ottawa
University of Toronto
University of Waterloo
University of Windsor
Uqausiit Communication Services
Wilfrid Laurier University
World Wildlife Fund Canada
York University

### Nunavik

Kativik Municipal Housing Bureau
Kativik Regional Government
Kativik School Board
Makivik Corporation
Nunavik Hunting Fishing and Trapping Association of Tasiujaq
Nunavik Landholding Corporations Association
Nunavik Marine Region Wildlife Board
Nunavik Regional Board of Health and Social Services
Nunavik Research Centre
Nunavimmi Umajulivijiit Katujiqatigininga

### Quebec

Air Creebec
Air Inuit
Avataa Explorations & Logistics
Azimut Exploration inc.
Canada North Outfitting
Canadian Space Agency
Concordia University
Cree Trapper & Association
Eeyou Marine Region Wildlife Board
Environment and Climate Change Canada
- Canadian Wildlife Service - Quebec Region
- Science and Technology Branch

Exploration Osisko Baie James
Fednav Limited
First Nation of Quebec and Labrador Health and Social Services Commission
Fisheries and Oceans Canada
- Maurice Lamontagne Institute

Fonds de recherche du Québec
- Nature et technologies (FRQNT)
- Santé (FRQS)

Government of Quebec
Hydro-Québec
Indigenous and Northern Affairs Canada
- Environment and Renewable Resources Directorate
- Northern Contaminants Program
- Northern Scientific Training Program

Institut des sciences de la mer de Rimouski
Institut national de la recherche scientifique - Eau, Terre et Environnement
Institut national de santé publique du Québec
McGill University
Mine Raglan
Ministère des Affaires municipales et de l'Occupation du territoire
Ministère Agriculture, Pêches et Alimentation (MAPAQ)
Ministère de la Sécurité publique
Ministère des Forêts, de la Faune et des Parcs
Ministère de l'Énergie et des Ressources naturelles
Ministère de la Santé et des Services sociaux

Ministère des Transports, de la Mobilité durable et de l'Électrification des transports

Natural Resources Canada

Ouranos Consortium

Parks Canada

Société d'habitation du Québec

Tata Steel Minerals Canada Limited

Unité de recherche en santé publique

Université de Montréal

- Groupe international vétérinaire
- Institut de recherche en biologie végétale

Université de Sherbrooke

Université du Québec à Chicoutimi

Université du Québec à Montréal

Université du Québec à Rimouski

Université du Québec à Trois-Rivières

Université du Québec en Abitibi-Témiscamingue

Université Laval

- Centre d'études nordiques
- Centre hospitalier universitaire de Québec
- CERC in Remote Sensing and Takuvik
- Nasivvik Centre for Inuit Health and Changing Environments
- Québec-Océan

## New Brunswick

Mount Allison University

New Brunswick Innovation Foundation

Université de Moncton

University of New Brunswick

## Prince Edward Island

Beachwalker Films

University of Prince Edward Island

## Nova Scotia

Cape Breton University

Dalhousie University

Fisheries and Oceans Canada

- Bedford Institute of Oceanography
- Canadian Hydrographic Service

Natural Resources Canada

- Geological Survey of Canada (Atlantic)

## Nunatsiavut

Kangidluasuk

Nunatsiavut Department of Lands and Natural Resources

Nunatsiavut Government

Nunatsiavut Group of Companies

Rigolet Digital Story Telling

SmartICE

## Newfoundland and Labrador

C-CORE

Choices for Youth

EMSAT Corporation

Fisheries and Oceans Canada

- Northwest Atlantic Fisheries Centre

Food Security Network of Newfoundland and Labrador

Government of Newfoundland and Labrador

Labrador Institute of Memorial University

Memorial University of Newfoundland

Research & Development Corporation of Newfoundland and Labrador

Stantec

Torngat Secretariat

# ARCTICNET COMMUNITY
# ᐅᑭᐅᖅᑕᖅᑐᒥ ᑐᑭᓯᓂᐊᖃᑎᒌᑦ ᓄᓇᓕᖕᒋᑦ
# LA COMMUNAUTÉ ARCTICNET

## BOARD OF DIRECTORS
## ᑲᑎᒪᔩᑦ
## CONSEIL D'ADMINISTRATION

Bernie Boucher (Chair), President, JF Boucher Consulting Ltd.

Natan Obed (Co-Chair), President, Inuit Tapiriit Kanatami (since March 2016)

Duane Smith (Co-Chair), President, Inuit Circumpolar Council (Canada) (until December 2015)

Terry Audla, President, Inuit Tapiriit Kanatami (until September 2015)

Yves Bégin, Director, Institut national de la recherche scientifique

Edwin Bourget, Vice Rector, Research and Innovation, Université Laval (until October 2016)

Leah Braithwaite, Executive Director and COO, ArcticNet Inc. (since May 2016, *non-voting*)

Adamie Delisle-Alaku, Executive Vice-President, Renewable Resources, Makivik Corporation (since July 2016)

Louis Fortier, Scientific Director and CEO, ArcticNet Inc. *(ex-officio)*

Martin Fortier, Executive Director, Sentinel North and Assistant to the Vice Rector, Research and Innovation, Université Laval (since April 2016); Executive Director and COO, ArcticNet Inc. (until April 2016, *non-voting*)

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Trevor Bell, Professor, Memorial University of Newfoundland

Alain Bourque, Executive Director, Ouranos Consortium (until October 2016)

Leah Braithwaite, Executive Director and COO, ArcticNet Inc. *(ex-officio, non-voting)* (since May 2016)

Celina Campbell, Program Manager & Sub-Division Head, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada

Susan Chatwood, Director, Institute for Circumpolar Health Research (since July 2016)

John Cheechoo, Director, Inuit Tapiriit Kanatami

Andrew Dunford, Policy Analyst - Environment, Nunavut Tunngavik Inc.

Maria Teresa Fernandez de Castro, Director, Canadian Forest Service, Natural Resources Canada (until June 2016)

James Ford, Associate Professor, McGill University

Louis Fortier, Scientific Director and CEO, ArcticNet Inc. *(ex-officio)*

Martin Fortier, Executive Director and COO, ArcticNet Inc. (until April 2016, *ex-officio, non-voting*)

Chris Furgal, Professor, Indigenous Studies Department, Trent University

Gwenaëlle Gremion, President, ArcticNet Student Association (since December 2015)

Sarah Kalhok Bourque, Director, Northern Science & Contaminants Research, Northern Affairs Canada (since July 2016)

Tim Keane, Operations Manager, Fednav Limited

Rodd Laing, Director of Environment, Nunatsiavut Government (since July 2016)

Pitseolalaq Moss-Davies, Research Coordinator, Inuit Circumpolar Council (Canada)

Tim Papakyriakou, Director, Centre for Earth Observation Science, University of Manitoba

Martin Raillard, Chief Scientist, Canadian High Arctic Research Station (CHARS) (until December 2015)

Terin Robinson, President, ArcticNet Student Association (until December 2015)

René Roy, Director of Scientific Programming, Ouranos Consortium (since October 2016)

Tom Sheldon, Director, Environment Division, Department of Lands and Natural Resources, Nunatsiavut Government (until March 2016)

Gary Stern, Research Professor and Associate Director, Centre for Earth Observation Science, University of Manitoba

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John Cheechoo, Director, Inuit Tapiriit Kanatami

Martin Fortier, Executive Director and COO, ArcticNet Inc. (until April 2016, *ex-officio, non-voting*)

Rodd Laing, Director of Environment, Nunatsiavut Government (since July 2016)

Romani Makkik, Inuit Research Advisor, Nunavut (until March 2016)

Pitseolalaq Moss-Davies, Research Coordinator, Inuit Circumpolar Council (Canada)

Shannon O'Hara, Inuit Research Advisor, Inuvialuit Settlement Region

Betsy Palliser, Inuit Research Advisor, Nunavik (until April 2016)

Carla Pamak, Inuit Research Advisor, Nunatsiavut

Tom Sheldon, Director, Environment Division, Department of Lands and Natural Resources, Nunatsiavut Government (until June 2016)

Kendra Tagoona, ArcticNet Coordinator for Inuit Tapiriit Kanatami

Robert Watt, Inuit Research Advisor, Nunavik (since March 2017)

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**Yukon College**

Fabrice Calmels

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Agriculture and Agri-Food Canada
Canadian Food Inspection Agency
Canadian Museum of Nature
Canadian Northern Economic Development Agency
Canadian Space Agency
Environment and Climate Change Canada
- Canadian Ice Service
- Canadian Wildlife Service
- Science and Technology Branch

Fisheries and Oceans Canada
- Bedford Institute of Oceanography
- Canadian Coast Guard
- Canadian Hydrographic Service
- Freshwater Institute
- Institute of Ocean Sciences
- Maurice Lamontagne Institute
- Species At Risk Act

Health Canada
- First Nations and Inuit Health Branch

Indigenous and Northern Affairs Canada
- Environmental Studies Research Funds
- Northern Contaminants Program
- Northern Scientific Training Program

Natural Resources Canada
- Geological Survey of Canada
- Polar Continental Shelf Program

Parks Canada
Polar Knowledge Canada
Public Health Agency of Canada
Royal Canadian Mounted Police
Transport Canada

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Fonds de recherche du Québec - Santé
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Government of Manitoba
Government of Newfoundland and Labrador
Government of Nunavut
Government of the Northwest Territories
Institut national de santé publique du Québec
Ministère de la Santé et des Services sociaux
Ministère de la Sécurité publique
Ministère des Affaires municipales et de l'Occupation du territoire
Ministère des Forêts, de la Faune et des Parcs
Ministère des Transports, de la Mobilité durable et de l'Électrification des transports
Ontario Ministry of Advanced Education and Skills Development
Ontario Ministry of Agriculture, Food and Rural Affairs
Ontario Ministry of Research, Innovation and Science
Research & Development Corporation of Newfoundland and Labrador
Yukon Government

## NATIONAL AND INTERNATIONAL INUIT ORGANIZATIONS
## ᑲᓇᑕᒥ ᓄᓇᕐᔪᐊᕐᒥᓗ ᐃᓄᐃᑦ ᑎᒥᖏ
## ORGANISATIONS INUITES NATIONALES ET INTERNATIONALES

Inuit Circumpolar Council (Canada)

Inuit Tapiriit Kanatami

## REGIONAL ORGANIZATIONS, AGENCIES AND GOVERNMENTS
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## GOUVERNEMENTS, AGENCES ET ORGANISATIONS RÉGIONALES

- Inuvialuit Settlement Region
  - Inuvialuit Regional Corporation
  - Fisheries Joint Management Committee
- Nunatsiavut
  - Nunatsiavut Government
- Nunavik
  - Kativik Regional Government
  - Kativik School Board
  - Makivik Corporation
  - Nunavik Landholding Corporations Association
  - Nunavik Marine Region Wildlife Board
  - Nunavik Regional Board of Health and Social Services
- Nunavut
  - Canada-Nunavut Geoscience Office
  - Coalition of Nunavut District Education Authorities
  - Nunavut Food Security Coalition
  - Nunavut Research Institute
  - Nunavut Teachers' Association
  - Nunavut Tunngavik Incorporated
  - Nunavut Wildlife Management Board

## NORTHERN COMMUNITIES
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## COMMUNAUTÉS NORDIQUES

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Aklavik, NT
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Aupaluk, QC
Avvajja, NU
Chisasibi, QC
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Hopedale, NL
Ikaahuk (Sachs Harbour), NT
Ikaluktutiak (Cambridge Bay), NU
Inukjuak, QC
Inuvik, NT
Iqaluit, NU
Ivujivik, QC
Kangiqliniq (Rankin Inlet), NU
Kangiqsualujjuaq (George River), BC
Kangiqsujuaq , QC
Kangiqtugaapik (Clyde River), NU
Kangirsuk, QC
Kawawachikamach, QC
Kugluktuk, NU
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Mittimatalik (Pond Inlet), NU
Naujaat (Repulse Bay), NU
Niaqunngut (Apex), NU
Nunainguk (Nain), NL
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Qausuittuq (Resolute Bay), NU
Qikiqtarjuaq, NU
Quaqtaq , QC
Kikiak (Rigolet), NL
Salliq (Coral Harbour), NU
Salluit , QC
Sanikiluaq, NU
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Umiujaq, QC
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Uqsuqtuuq (Gjoa Haven), NU
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Air Creebec
Air Inuit
Arctic Infrastructure Partners
Azimut Exploration inc.
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Tata Steel Minerals Canada Limited
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Centre national de la recherche scientifique
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Nasivvik Centre for Inuit Health and Changing Environments
Nord University
Nunavik Research Centre
Nunavut Arctic College
Nunavut Research Institute
Ontario Veterinary College
Québec-Océan
Queen's University
Takuvik
Trent University
Université de Montréal
Université du Québec à Montréal
Université du Québec à Rimouski
Université du Québec à Trois-Rivières
Université Laval
University of Aberdeen
University of Alaska Fairbanks
University of Alberta
University of British Columbia
University of Calgary
University of Georgia
University of Guelph
University of Hamburg
University of Hawaii
University of Manitoba
University of Notre Dame
University of Ottawa
University of Saskatchewan
University of the Sunshine Coast
University of Toronto
University of Victoria
University of Waterloo
University of Windsor
University of Winnipeg
Wilfrid Laurier University
Yukon College

## OTHER
## ᐊᓯᖏᑦ
## AUTRES

- A.D. Latornell Endowment Fund
- Agence nationale de la recherche
- Alaska Institute for Justice
- Arctic Research Foundation
- Banrock Station Wetlands Foundation Canada
- BBPolar
- C-CORE
- Canadian Cryospheric Information Network
- Canadian Scientific Submersible Facility
- Chantier Arctique Français
- China Scholarship Council
- Choices for Youth
- CICan Clean Tech Internship
- Cree Nation of Chisasibi
- European Space Agency
- First Nations of Quebec and Labrador Health and Social Services Commission
- Future Earth Coasts
- Gordon and Betty Moore Foundation
- Hawk Mountain Sanctuary
- Ikaarvik
- International Development Research Centre
- Jet Propulsion Laboratory
- Morris Animal Foundation
- National Oceanic and Atmospheric Administration
- National Science Foundation
- New Brunswick Innovation Foundation
- Nunavut General Monitoring Plan
- Nunavut Implementation Fund
- NWT Cumulative Impacts Monitoring Program
- Oceans North Canada
- Ouranos Consortium
- Polar Bears International
- Quark Expeditions
- Rideau Hall Foundation
- Rotary International
- S. and A. Inspiration Foundation
- Saudi Arabian Cultural Bureau
- SEARCH: Study of Environmental Arctic Change
- The Kenneth M Molson Foundation
- The Pew Charitable Trusts
- The Salt Spring Forum
- The W. Garfield Weston Foundation
- Torngat Secretariat
- Vancouver Aquarium
- Western Alaska Landscape Conservation Cooperative
- World Wildlife Fund Canada

# FINANCIAL SUMMARY
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# SOMMAIRE FINANCIER

ArcticNet was audited in June 2016 and June 2017 in accordance with generally accepted Canadian auditing standards. The following figures and financial summary are prepared from the unqualified financial statements.

ArcticNet a été vérifié en juin 2016 et en juin 2017 selon les normes de vérification généralement reconnues au Canada. Les données financières suivantes sont extraites des rapports financiers produits sans restriction.

## REVENUES, EXPENSES AND NET ASSETS / REVENUS, DÉPENSES ET ACTIF NET

For the fiscal year ending March 31 / Pour l'année fiscale se terminant le 31 mars.

| **Revenues / Revenus** | | **2017** | **2016** |
|---|---|---|---|
| Networks of Centres of Excellence Grant (NCE) / Subvention des Réseaux de Centres d'Excellence (RCE) | $ | 9,665,000 | 9,641,000 |
| Network partner contributions (Non-NCE) / Contributions des partenaires du réseau (Non-RCE) | $ | 4,097,563 | 5,274,154 |
| Arctic Inspiration Prize / Prix Inspiration Arctique | $ | | 1,560,714 |
| Others / Autres | $ | 356,267 | 344,823 |
| **Total revenues / Revenus totaux** | **$** | **14,118,830** | **16,820,691** |
| **Expenses / Dépenses** | | | |
| Research Projects (NCE) / Projets de recherche (RCE) | $ | 5,091,714 | 5,012,096 |
| Research Projects (Non-NCE) / Projets de recherche (Non-RCE) | $ | 195,385 | 320,774 |
| Core infrastructure (NCE) / Infrastructure majeure (RCE) | $ | 3,524,008 | 3,284,916 |
| Core infrastructure (Non-NCE) / Infrastructure majeure (Non-RCE) | $ | 3,147,258 | 3,059,028 |
| Amortization of equipment / Amortissement équipement | $ | 386,267 | 386,401 |
| Arctic Inspiration Prize / Prix Inspiration Arctique | $ | 35,000 | 1,595,714 |
| Administrative Centre / Centre administratif | $ | 2,342,995 | 2,423,655 |
| **Total expenses / Dépenses totales** | **$** | **14,722,627** | **16,082,584** |
| | | | |
| **Excess (deficiency) of revenues over expenses / Excédent (déficit) des revenus sur les dépenses** | $ | **-603,797** | **738,107** |
| Net assets, beginning of year / Actif net, début de l'exercice | $ | 5,027,542 | 4,289,435 |
| **Net assets, end of year / Actif net, fin de l'exercice** | **$** | **4,423,745** | **5,027,542** |

## BALANCE SHEET / BILAN

| | **2017** | **2016** |
|---|---|---|
| **ASSETS / ACTIF** | | |
| Cash / Encaisse | 4,736,466 | 6,505,037 |
| Accounts receivable / Comptes à recevoir | 214,607 | 217,038 |
| Prepaid expenses / Frais payés d'avance | 561,094 | 161,800 |
| | **5,512,167** | **6,883,875** |
| Capital assets / Immobilisations | 388,764 | 771,984 |
| | **5,900,931** | **7,655,859** |
| | | |
| **LIABILITIES / PASSIF** | | |
| Accounts payable and accrued liabilities / Comptes à payer et frais courus | 486,523 | 965,419 |
| Deferred grant / Apports reportés | 990,663 | 1,662,897 |
| | **1,477,186** | **2,628,316** |
| **NET ASSETS / ACTIF NET** | | |
| Invested in capital assets / Investi en immobilisations | 34,090 | 31,846 |
| Unrestricted Assets / Actif non affecté | 4,389,655 | 4,995,697 |
| | **5,900,931** | **7,655,859** |

## STATEMENT OF CASH AND IN-KIND CONTRIBUTIONS
## SOMMAIRE DES CONTRIBUTIONS EN ESPÈCES ET EN NATURE

| | Cash / En espèces | | In-kind / En nature | |
|---|---|---|---|---|
| | **2016-2017** | **2015-2016** | **2016-2017** | **2015-2016** |
| **NCE / RCE** | **9,665,000** | **9,641,000** | **0** | **0** |
| **Non-NCE / Non-RCE[1]** | | | | |
| Provincial / Provinciales | 430,080 | 658,333 | 1,098,428 | 1,112,100 |
| Federal / Fédérales[2] | 4,766,521 | 4,022,073 | 4,844,625 | 6,310,596 |
| University / Universitaires | 1,474,139 | 887,414 | 9,835,544 | 9,475,875 |
| Industry / Industrielles | 772,705 | 3,020,725 | 701,800 | 431,100 |
| Other / Autres | 3,453,050 | 4,175,120 | 832,033 | 1,443,285 |
| **Non-NCE / Non-RCE** | **10,896,495** | **12,763,665** | **17,312,430** | **18,772,956** |
| **Total NCE and non-NCE / Total RCE et non-RCE** | **20,561,495** | **22,404,665** | **17,312,430** | **18,772,956** |

[1] Certain funds contributed by Network Partners to support research projects are forwarded directly to researchers and are not managed by the ArcticNet Administrative Centre. / Certaines contributions des partenaires du réseau aux projets de recherche parviennent directement aux chercheurs et ne sont pas gérées par le centre administratif d’ArcticNet.

[2] These federal contributions do not include contributions received from the Federal granting councils, the Canada Foundation for Innovation and Genome Canada. / Ces contributions fédérales n’incluent pas les contributions des conseils de recherche, de la Fondation canadienne pour l’innovation et de Génôme Canada.

This report is available in English, French and Inuktitut
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Ce rapport est disponible en anglais, en français et en inuktitut

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FPO

ArcticNet
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