ᔭᓄᐊᓇ 10, 2020

ᓄᓇᕗᑦ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖏᑦᑕ ᑲᑎᒪᔨᖏᑦ
ᐃᑦᓯᕕᖓ 433
ᐃᓄᒃᔪᐊᒃ (ᑯᐯᒃ)
J0M 1M0

ᒪᓂᔭᐅᔪᑦ ᖃᓇᑕᐅᔭᒃᑯᑦ ᐊᓪᓚᑖᕐᕕᖓᑎᒍᑦ

ᒪᑭᕝᕕᑯᑦ ᒪᓂᔭᖏᑦ ᑕᒪᑦᓯᒧᖓ "ᐊᓯᑦᔨᒋᐊᓇᓂᕐᒧᑦ ᑲᑎᑦᓱᑎᒃ ᑎᒍᔭᐅᑎᑕᐅᒍᓐᓇᑐᓂᒃ ᐊᒻᒪᓗ ᑰᑕᖃᖕᖏᑐᓂᒃ ᐅᓄᕐᓂᓇᔭᐅᑎᑕᐅᔪᓄᑦ ᕿᓚᓗᒐᕐᓄᑦ ᓄᓇᕗᑦ ᑕᓇᐅᕐᑯᑎᖓᓃᑦᑐᓄᑦ".

ᒪᑭᕝᕕᒃ ᑯᐊᐳᕇᓴᓐ (ᑕᒡᒐᓂ ᑐᔭᐅᒍᓯᖓ ᒪᑭᕝᕕᒃ) ᑎᒥᐅᕈᕐᐳᖅ ᑭᒡᒐᑐᕐᓯᓂ ᓄᓇᕗᑦ (ᑯᐯᒃ ᑕᕐᕋᖓᑕ) ᐃᓄᖏᓐᓂᒃ. ᒪᑭᕝᕕᑯᑦ ᑎᓕᔭᐅᒪᔪᑦ ᓴᐳᑦᔨᒋᐊᓯᒪᒋᐊᖃᕐᓂᒧᑦ ᐱᔪᓐᓇᐅᑎᓂᒃ, ᐱᔪᑦᓴᐅᐆᔭᕈᑎᓂᓪᓗ ᐊᒻᒪᓗ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑭᓕᕐᑕᐅᒍᑎᓂᒃ ᓄᐃᑕᐅᓯᒪᔪᓂᒃ ᐅᑯᑎᑰᓇ ᓴᒥᕐᐯᒥᓗ ᑯᐯᒃ ᑕᕐᕋᖓᓂᓗ ᐊᖏᖃᑎᒌᓐᓂᖓᓄᑦ (ᐊᖏᖃᑎᒌᓐᓂᖅ), ᓯᕗᓪᓕᐹᑦᓯᐊᒥ ᐃᓄᐃᑦ ᓄᓇᑖᕈᑎᖏᓐᓈᓕᖓᔪᓂᒃ ᑲᓇᑕᒥ, ᐊᒻᒪᓗ ᖃᒻᒥᐅᓂᕐᓴᓂᒃ ᐅᑯᓂᖓ ᓄᓇᕗᑦ ᐃᓄᖏᑦᑕ ᓄᓇᑖᕐᓂᒧᑦ ᐊᖏᖃᑎᒌᒍᑎᖏᑦ, ᒪᑭᕝᕕᑯᓄᑦ ᐊᑎᓕᐅᕐᑕᐅᒪᖃᑕᐅᔪᕐᒥᒃ, ᐊᒻᒪᓗ ᐊᑐᓇᐊᓯᓚᐅᕐᓯᒪᑦᓯᑎᒃ 2008-ᒥ.

ᒪᑭᕝᕕᑯᑦ ᑭᒡᒐᑐᕐᑎᒋᔭᐅᕗᑦ 12,000-ᒐᓚᓐᓄᑦ ᐃᓄᓐᓄᑦ ᐃᓚᐅᔫᔪᕐᓄᑦ ᓴᒥᕐᐯᑉ ᐊᖏᖃᑎᒌᓐᓂᖓᑎᒍᑦ, ᐅᓄᕐᓂᓴᑦ ᓄᓇᓯᒪᕕᖃᕐᑎᓗᒋᑦ 14-ᖅᒍᔪᕐᓂᒃ ᓯᑦᔭᒥᐅᑦ ᓄᓇᓕᖏᓐᓂᒃ ᑯᐯᒃᒥ, ᑖᑦᓯᒪ 55 ᐃᑳᖓᔫᑉ ᑕᕐᕋᖓᓃᑦᑐᓂᒃ. ᒪᑭᕝᕕᑯᑦ ᑐᕌᒐᓇᓗᐊᖑᐊᑕᖏᑦ ᒪᑯᐊᖑᒻᒪᑕ:

- ᐱᔨᐅᓗᑎᒃ, ᐊᐅᓚᑦᓯᓂᓕᓇᓗᑎᓪᓗ, ᐊᒡᒐᑐᐃᓗᑎᓪᓗ ᐅᑎᕐᑐᓴᓕᐅᕈᑎᖃᕐᓗᑎᓪᓗ ᐊᑭᓕᕐᑕᐅᒍᑏᑦ ᑮᓇᐅᔭᖏᓐᓂᒃ ᐊᑭᓖᒍᑎᐅᒍᓐᓇᑐᓂᒃ ᓄᓇᕗᑦ ᐃᓄᖏᓐᓄᑦ, ᐱᕕᖃᕐᑎᑕᐅᑎᓪᓗᒍ ᓴᒥᕐᐯᑉ ᐊᖏᖃᑎᒌᓐᓂᖓᓄᑦ;
- ᐃᑯᓪᓚᐅᒥᑎᑦᓯᓗᑎᒃ ᐊᑦᓯᔫᓂᕐᒥᒃ, ᕿᓪᓗᑐᐃᓗᑎᓪᓗ ᐃᓄᐃᑦ ᖃᓄᐃᖏᓯᐊᕐᓂᖏᓐᓂᒃ, ᓯᕗᒧᐊᕐᓂᖏᓐᓂᓗ ᐃᓕᓐᓂᐊᓂᖏᓐᓂᓗ;
- ᐱᑭᕐᓴᓗᑎᒃ, ᕿᓪᓗᑐᐃᓗᑎᓪᓗ, ᓴᐳᑦᔨᓗᑎᓪᓗ ᐃᑲᔪᕐᓯᓗᑎᓪᓗ ᐊᓯᐅᑎᑦᓯᑐᓕᒪᓂᕐᒥᒃ ᐃᓄᐃᑦ ᐃᓈᒍᓯᖓᓂᒃ, ᐃᓪᓕᓇᔭᖏᓐᓂᓗ ᐊᒻᒪᓗ ᐱᐅᓯᑐᖃᖏᓐᓂᒃ;
- ᐊᑐᕐᑎᓯᓗᑎᒃ ᑲᒪᒋᔭᐅᒋᐊᓕᓐᓂᒃ ᒪᓕᑦᓯᒋᑦ ᐊᓯᖏᑦ ᐱᕐᑯᕐᑦ ᐅᑦᑯᓘᓐᓃᑦ ᐊᒥᕐᐯᑉ ᐊᖏᖃᑎᒌᓐᓂᖓᓃᑦᑐᑦ; ᐊᒻᒪᓗ

- ᐱᕝᕙᐊᑎᑦᑯᓗᑎᒃ ᐱᐅᓯᓕᐅᒥᑎᑦᑯᓗᑎᓪᓗ ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᐱᐅᓯᓕᐅᒥᑎᓗᒋᑦ ᐱᓂᐊᕐᓂᖃᑭᓯᖕᒋᑦ.

ᐃᓱᒪᒋᑦᓱᒋᑦ ᒪᑭᕝᕕᑯᑦ ᑎᓕᔭᐅᒪᒍᑎᖕᒋᑦ, ᑐᕌᒐᖕᒋᓪᓗ, ᐊᒻᒪᓗ ᐱᐅᓯᓇᓯᒪᔭᖕᒋᑦ, ᐅᖃᐅᓯᖃᑭᓐᓇᕕᖃᑦᓯᐊᑐᑦ ᕿᓚᓗᒍᑦ ᖃᓄᐃᓕᖕᒐᔪᒃᑯᑦ ᑲᒪᒋᔭᐅᒍᓯᖃᑭᓐᓇᓯᓂᐊᕐᒪᖔᑕ ᓄᓇᕕᐅᑉ ᑕᓇᐅᖕᒐᓂᑦ ᐊᒻᒪᓗ ᓱᕐᖽᓚᖕᒐᓂᖕᒋᓐᓄᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓂᒃ.

ᒪᓂᐅᔪᐃᑦ ᕿᒥᕐᕈᔭᐅᒍᑎᖕᒋᓐᓄᑦ

ᕿᓚᓗᒍᑦ ᑲᒪᒋᔭᐅᓂᖕᒋᑦ ᓄᓇᕕᒻᒥ ᖃᓄᐃᓕᐅᕈᑕᐅᒻᒪᓇᓯᒪᓕᕐᑐᑦ ᐊᑯᓂᓂᐊᓗᒃ ᐊᕐᕌᒍᕐᓂᒃ, *1980-ᐃᑦ* ᐊᕐᕌᒍᖕᒋᓐᓂᓂᑦ ᓯᕗᓪᓕᐸᒥ ᑰᑕᓕᐅᕐᑕᐅᔪᖃᓚᐅᕐᓯᒪᑎᓪᓗᒍ. ᕿᓚᓗᒍᑦ ᑲᒪᒋᔭᐅᒍᓯᖕᒋᑦ ᑰᑕᖃᕐᑎᑕᐅᒋᐊᖕᒋᑦ ᓄᓇᕕᒻᒥ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓄᑦ ᓇᒻᒪᒋᔭᐅᖕᖕᒋᔫᓯᒪᓕᕐᑐᖅ ᐱᒋᐊᖕᖕᒐᓕᓚᐅᕐᓯᒪᒻᒪᓂᑦ. ᑕᒪᓐᓇ ᐱᐅᔪᕐᒥᒃ ᓄᐃᑦᓯᒍᑎᐅᓯᒪᓕᕋᓗᐊᕐᑎᓗᒍ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖕᒐᓂᖕᒐᓃᓲᓂᒃ ᕿᓚᓗᒐᖕᒋᓐᓄᑦ ᐅᐱᕐᖓᓯᐅᕐᑐᓄᑦ, ᑕᒪᑦᓱᒪᐅᑉ ᓱᕐᖽᓂᖃᑦᓯᐊᖕᒋᑦᑑᓯᒪᓂᖕᒐ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓂᒃ ᓄᐃᑕᑎᑦᓯᓕᕐᒪᑦ ᑕᒪᓐᓇ ᐃᓗᓐᓈᒍᑦ ᓱᓯᒪᒍᓐᓄᓂᖕᒐᓂᒃ. ᑕᒪᓐᓇ ᑕᑯᓐᓈᓱᒍ, ᐊᒻᒪᓗ ᐃᓱᒪᒋᒻᒥᓱᒋᑦ ᒫᓐᓇᑯᑦ ᖃᓄᐃᓕᖕᒐᒍᑕᐅᓕᕐᑐᑦ, ᒪᑭᕝᕕᑯᑦ ᐊᑐᕐᓂᐊᓕᕐᑐᑦ ᑕᒪᑦᓱᒍᖕᒐ ᐱᕕᑦᓴᐅᑎᑕᐅᓕᕐᑐᒥᒃ ᕿᒥᕐᕈᓗᓂ ᑕᒪᑦᓱᒥᖕᒐ ᑯᑕᖃᕐᑎᓯᓂᒃᑯᑦ ᑲᒪᒍᓯᕐᒥᒃ ᐊᒻᒪᓗ ᐃᒣᓕᒋᐊᕐᖁᔨᒻᒥᓗᑎᒃ ᓄᑭᑖᕐᑎᓯᒐᓱᐊᕐᓂᐊᑐᒥᒃ ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᓐᓂᒃ ᑲᒪᒋᔭᐅᔪᖃᕐᑎᓗᒍ ᐱᕕᑦᓴᒥᒃ ᐊᑦᑐᐊᓂᖃᕐᑐᒍᑦ ᐃᓗᕐᕈᓯᖕᒋᓐᓄᑦ, ᐃᓪᓕᓇᔭᖕᒋᓐᓄᓗ ᐊᒻᒪᓗ ᓂᕿᖃᕈᓯᖕᒋᓐᓄᑦ.

ᑲᔪᓯᑦᓱᐊᓯᒪᔪᓄᑦᓗ ᓱᖕᖕᒋᑑᓯᒪᔪᓄᑦᓗ ᑖᒃᑯᓄᖕᒐ ᒫᓐᓇᑯᑦ ᑲᒪᒍᓯᒋᔭᐅᔪᕐᓄᑦ

ᑭᐅᒪᐅᑎᔪᐃᑦ ᕿᓚᓗᒍᑦ ᑰᑕᖃᕐᑎᑕᐅᓂᖕᒋᓐᓄᑦ ᐊᒥᓱᕕᑦᓱᓂ ᓴᖕᒍᕐᖃᑦᑕᓯᒪᓕᕐᑐᖅ ᑕᒪᓐᓇ ᐱᒋᐊᕐᑎᑕᐅᓕᓚᐅᕐᓯᒪᒻᒪᓂᑦ ᓯᕗᓪᓕᐸᒥ 1980-ᓃᑦᑎᓗᒋᑦ ᐊᕐᕌᒍᐃᑦ ᐊᒻᒪᓗ ᐊᒥᓱᕕᑦᑕᐅᓱᓂ ᐱᐅᓯᒋᐊᕐᑕᐅᒐᓱᐊᖃᑦᑕᓯᒪᓕᕐᓱᓂ ᐊᒻᒪᓗᓘᓐᓃᑦ ᓲᖕᒍᓯᓕᐅᒥᑎᑕᐅᒋᐊᕋᓱᐊᕐᓱᓂ. ᑎᒪᖕᖕᒐᓂᓂᐊᓗᒃ, ᐊᑦᔨᒋᖕᒋᑐᓂᒃ ᑲᒪᖃᑎᒋᒍᓯᕐᓂᒃ ᐅᑦᑐᕋᕐᑕᐅᔪᖃᖃᑦᑕᓯᒪᓕᕐᑐᖅ (ᐅᑦᑑᑎᒋᓗᒍ ᐊᓐᓂᑐᕐᕕᒃ, ᓗᒫᖅ ᑲᑎᒪᔨᐊᐱᒋᑦ, ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖕᒋᑦ, ᓄᓇᕕᐅᑉ ᕿᓚᓗᒐᖕᒋᓐᓄᑦ ᐱᓇᓱᑦᑎᑕᐅᔪᕐᓂᒃ, ᐊᓯᖕᒋᓐᓂᓗ) ᐱᑐᑦᑎᓯᒐᓱᐊᕈᑕᐅᑦᓱᑎᒃ ᑖᒃᑯᓂᖕᒐ ᖃᐅᔨᓴᕐᑕᐅᒪᓇᓐᓂᑯᑦ ᐊᑑᑎᒐᑦᓴᓕᐊᖕᒍᓯᒪᔪᕐᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒍᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᑕᑯᓐᓈᕈᓯᖕᒋᓐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᑎᒍᑦ ᓂᕿᖃᑦᓯᐊᓇᐊᖃᕐᓂᑎᒍᓪᓗ. ***ᑕᒪᒃᑯᐊ ᐊᔪᐃᓐᓇᑕᐅᒐᓱᐊᕐᓯᒪᒐᓗᐊᕐᑎᓗᒋᑦ, ᐃᓄᐃᓪᓗ ᑲᕝᒪᒃᑯᓗ ᖃᓄᐃᓕᐅᖃᑎᒌᑦᓯᐊᖕᒋᑦᑐᑦ ᕿᓚᓗᒐᓕᓇᓂᕐᒍᑦ - ᑕᒪᓐᓇ ᖃᓄᐃᓕᐅᕈᑕᐅᑦᓴᐅᑎᒋᒋᐊᓕᒃ ᓯᕗᓪᓕᐸᐅᑦᔭᐅᓗᓂᓗ.***

**ᒪᑭᕝᕕᑯᑦ ᑕᑯᓐᓈᑕᖕᒐᑎᖕᒍᑦ, ᑲᔪᓯᑦᓱᐊᓂᖃᕈᓐᓇᑐᒥᒃ ᑲᒪᒋᔭᖃᕈᓯᕐᒥᒃ ᐱᔪᓐᓇᓯᒍᑎᐅᒋᐊᓕᒃ ᓇᒻᒪᕐᑯᐊᓇᑦᑎᓯᒐᓱᐊᕐᓗᓂ ᑕᒪᑦᓱᒥᖕᒐ ᐊᓯᐅᑎᑦᓯᑌᓕᒪᓂᖃᕐᓂᒍᑦ ᐆᒪᔪᓂᒃ, ᐃᓈᓯᕐᑎᒍᑦ-ᒪᑭᑕᒐᓱᐊᕐᓂᒍᑦ /ᐃᓗᕐᕈᓯᒥᒃ ᓱᕐᕋᑕᐅᔪᓂᒃ ᑎᒣᓕᑎᑕᕐᓄᑦ ᐊᒻᒪᓗᑦᑕᐅᖅ ᐊᓯᐅᑎᑦᓯᑌᓕᒪᓂᕐᒍᑦ ᑲᔪᓯᑎᑦᓯᓂᕐᒍᓗ ᐱᔪᓐᓇᐅᑎᓂᒃ ᑎᒍᓚᒍᓐᓇᓂᕐᒍᑦ. ᐆᒪᔪᓂᒃ-ᐊᓯᐅᑎᑦᓯᑌᓕᒪᑎᑕᐅᓂᖕᒋᑦ ᑕᑯᓐᓈᓱᒋᑦ, ᐁᕝᒍᑕᐅᒍᓐᓇᒪᑦ ᑕᒪᒃᑯᐊ ᑲᒪᒍᓯᓕᐊᖕᒍᓯᒪᔪᑦ, ᑖᒃᑯᓄᖕᒐᓕ ᐃᓕᖕᒐᔪᓄᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖕᒐᓂᖕᒐᓃᓲᑦ ᕿᓚᓗᒐᕐᓄᑦ (ᑕᓯᐅᔭᕐᔪᐊᑉ ᕿᓚᓗᒐᖕᒋᑦ), ᑲᔪᓯᔭᐅᑦᓯᐊᖃᑦᑕᓚᐅᕐᒪᑕ ᑐᕌᒐᓕᐊᖕᒍᓯᒪᔪᓂᒃ ᐱᔪᓐᓇᓯᑎᑦᓯᒍᑕᐅᑦᓱᑎᒃ ᑐᑭᑖᕐᑕᐅᓯᒪᔪᓂᒃ ᑐᖕᖕᒐᕕᓕᓐᓄᑦ. ᐃᒫᒃ, ᑎᒍᓚᔭᐅᒍᓐᓇᑐᐃᑦ ᐅᓄᕐᓂᓕᐅᕐᑕᐅᒪᒍᑎᒃ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖕᒐᓂᖕᒐᓃᓲᑦ ᕿᓚᓗᒍᑦ ᑎᒪᑦᓴᓇᕐᓂᐊᓇᐊᖕᒋᑦ ᐅᓄᕐᓯᓕᐅᒥᓗᑎᓪᓘᓃᑦ. ᖃᖕᒐᑦᑕᔫᒃᑯᑦ ᑭᓯᑕᐅᔪᕐᖃᓚᐅᔪᕗᖅ ᑖᒃᓂᖕᒐ ᐅᐱᕐᖓᓯᐅᕐᑐᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐅᑯᓇᓂ ᐊᕐᕌᒍᕐᓂ, 1985, 1993, 2001, 2004, 2008, 2011

ᐊᒻᒪᓗ 2015. ᑕᒪᒃᑯᐊ ᑭᓯᑕᐅᔪᕕᓃᑦ ᖃᓄᐃᓕᓂᕕᓂᖏᑦ ᐃᓕᖓᑎᑕᐅᓲᖕᒍᒻᒪᑕ ᓱᕐᑯᐃᑕᐅᒪᑦᓯᐊᕈᓐᓇᓂᕐᒧᑦ, ᑭᓯᐊᓂ ᐃᓱᒪᖃᕐᑎᓯᑦᓱᑎᒃ ᑖᒃᑯᐊ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖓᓂᖓᓃᓲᑦ ᕿᓚᓗᑎᑦ ᐃᑭᓪᓕᓕᐅᒥᒋᐊᖕᖓᑐᕕᓂᐅᑎᓪᓗᒋᑦ ᑎᒍᓚᔭᐅᓂᖏᑦ ᐱᕕᑭᑦᑑᑎᑕᐅᒐᓱᐊᕋᓗᐊᕐᑎᓗᒋᑦ ᑭᓯᐊᓂ ᐅᓄᕐᓯᓕᐅᒥᓯᒪᓕᕐᓱᑎᒃ ᖃᒻᒥᐅᓚᐅᕐᑐᓂᓂᒃ ᐊᕐᕋᒍᕐᓂ ᑖᒃᑯᐊ ᒫᓐᓇᑯᑦ ᐅᓄᕐᓂᓇᔭᐅᒍᓇᐅᓕᕐᑐᑦ ᐊᑦᔨᒋᔭᐅᒐᓚᓕᕐᒪᑕ 1985-ᒥ ᐅᓄᕐᓂᓇᔭᐅᒍᓇᐅᔪᕕᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐊᒥᓲᓂᖏᑦ ᖃᓄᐃᖏᓯᐊᕐᑑᓱᑎᒃ[1,2]. ᐅᒪᑦᓴᓇᖅ ᐃᓱᒪᒋᔭᐅᔪᖃᕈᓐᓇᖏᑦᑐᖅ ᑕᒪᑦᓱᒧᖓ ᐃᓅᓯᕐᑎᒍᑦ-ᐃᓗᕐᕈᓯᑎᒍᑦ/ᐃᓗᕐᕈᓯᒥᒃ ᓱᕐᖤᒍᑎᐅᓯᒪᓕᕐᑐᓄᑦ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒍᑎᓕᐊᖑᓯᒪᔪᕐᑎᒍᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖏᓐᓂᒃ.

1986-ᓂᑕᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᖏᓐᓂᒃ ᕿᒥᕐᕈᔭᐅᔪᖃᕐᓱᓂ ᐃᓚᒋᔭᐅᑎᓪᓗᒋᑦ 2017-ᒥ ᑐᑭᑖᕈᑎᕕᓃᑦ ᓄᐃᑕᑎᑦᓯᓚᐅᕐᑐᑦ ᑖᒃᑯᐊ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᑐᖅᖓᕕᓕᐊᖑᒋᐊᖅᖓᑐᕕᓃᑦ ᑲᔪᓯᑎᑕᐅᖏᓐᓇᓇᐊᖏᑦ (ᓄᓇᕕᐅᑉ ᐃᓄᖏᑦ ᐃᓱᒫᓗᑎᒥᓂᒃ ᓄᐃᑦᓯᖓᓱᐊᕐᓯᒪᒐᓗᐊᕐᑎᓗᒋᑦ) ᐊᒻᒪᓗ ᐅᓄᕐᓂᓴᑦ ᐊᓯᑦᔨᑕᐅᖃᑦᑕᓯᒪᓕᕐᑐᐃᑦ ᐃᓕᖓᓂᕐᓴᐅᕐᖃᑦᑕᓯᒪᑦᓱᑎᒃ ᖃᓄᐃᓪᓗᐊᑐᓂᒃ ᕿᓚᓗᒐᕐᑕᐅᔪᕐᖃᕈᓐᓇᓂᐊᕐᒪᖔᑦ ᐊᑐᓂᑦ ᓄᓇᓕᓐᓄᑦ. ᑖᒃᑯᐊ ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖏᑦᑕ ᑲᑎᒪᔨᖏᑦ ᑐᑭᑖᓇᔨᐅᑎᑦᓯᒋᐊᕐᓯᒪᒐᓗᐊᕐᓱᑎᒃ ᓄᓇᓖᑦ ᐊᖑᕕᒫᐱᖏᓐᓂᒃ ᓄᓇᓕᓕᒫᑦ ᐊᖑᕕᒐᒻᒪᓇᖏᓐᓂᓗ ᑕᒪᒃᑯᓇᓂ ᐊᕐᕋᒍᖃᑦᑕᓚᐅᕐᑐᑦ ᐊᑐᕐᑎᓗᒋᑦ, ᑖᒃᑯᐊ ᑲᔪᓯᑎᑦᓯᔨᒍᓗᑐᐃᓐᓇᐅᑎᑕᐅᓲᑦ ᑐᑭᑖᓇᔭᐅᑎᑕᐅᑦᔭᒐᑎᒃ. ᑕᒪᓐᓇ ᓱᓕ ᐊᑑᑎᔭᐅᖏᓐᓇᒪᑦ ᓄᓇᓖᑦ ᐅᖃᖃᑦᑕᓕᕐᕿᑖᖃᑦᑕᓯᒪᓕᕋᓗᐊᕐᑎᓗᒋᑦ ᐊᐅᓚᑦᓯᔨᒻᒪᓇᓐᓄᑦ ᑕᒪᒃᑯᓇᓂ ᐊᒥᓱᒻᒪᓇᓐᓂᒃ ᐅᑭᐅᓂ, ᐃᑐᓕᖓᔪᒥᒃ: ᑕᒪᓐᓇ ᑰᑕᖃᕐᑎᓯᓂᖅ ᓱᔪᑦᑎᓯᓯᒪᓕᕐᒪᑦ ᐃᓄᐃᑦ ᐃᓪᓕᕈᓱᒍᓯᖏᓐᓂᒃ, ᖃᐅᔨᒪᔭᐅᓂᖃᕐᑐᓂᓪᓗ ᐁᑦᑐᑎᖃᕐᑎᓯᒍᓐᓄᓯᓂ, ᐆᒫᖕᒍᖏᑐᐊᓗᓪᓗ ᓱᕐᖤᓂᖃᕐᓱᓂ ᓂᕿᖃᑦᓯᐊᕋᓱᐊᓇᐊᖃᕐᓂᒥᒃ ᐊᒻᒪᓗ ᒥᓐᓂᒍᓚᐅᑎᐅᓚᕿᑦᓱᓂ ᓄᓇᓕᓐᓄᑦ[3,4,5]. ᖃᓄᐃᓕᐅᕐᓯᒪᓂᒃᑯᑦ ᐅᒃᑯᐊᑕᐅᔪᖃᓚᕿᑦᓱᓂ ᕿᓚᓗᒐᕐᓂᐊᓂᕐᒥᒃ 2019-ᒥ ᓄᐃᑕᑎᑦᓯᓚᐅᕐᑐᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖏᑦᑕ ᓈᒻᒪᔅᓴᖅᑭᑐᒻᒪᓇᐅᓂᓇᓚᐅᕐᑕᖏᓐᓂᒃ ᑕᒪᑦᓱᒧᖓ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᐅᑉ ᐊᐅᓚᑕᐅᒍᓯᖓᓄᑦ. ***ᐊᒥᓱᒻᒪᓇᓐᓂᒃ ᐅᑭᐅᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓃᑦ ᑲᓇᑕᒥ ᓱᕐᖤᓗᐊᕋᓗᓯᒪᑦᔭᖏᑦᑐᐃᓕᐃᒋᕐᕕᒋᔭᐅᒍᓐᓇᓱᓂᒃ. ᐃᒥᓕᖓᓕᕐᑎᓗᒍᓕ ᐃᓄᐃᑦ ᐃᓗᕐᕈᓯᖏᓪᓗ ᐃᓄᓱᒃᑯᑦ-ᒪᑭᑕᒐᓱᐊᕐᓂᑯᑦ ᓱᕐᕋᑕᐅᒪᓂᖏᓐᓄᑦ ᓱᒃᑯᑕᐅᓪᓕᓇᐊᓗᓯᒪᓕᕐᑎᓗᒋᑦ.***

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[2] DFO. 2018. ᑎᒍᓚᕐᑯᔨᓂᕐᒧᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖓᓂᖓᓂᓗ ᐊᑐᐊᕐᓂᖓᓂᓲᓂᓪᓗ ᕿᓚᓗᒐᖏᓐᓂᒃ(*Delphinapterus leucas*). DFO Can. Sci. Advis. Sec. Sci. Advis. Rep. 2018/008.

[3] Lee, D., W. Doidge, C. Burgy ᐊᒻᒪᓗ W. Adams. 2002. ᐱᕈᕐᕕᐅᒍᓐᓇᑐᓂᒃ ᖃᐅᔨᒪᔭᐅᔪᑐᖃᕐᓄᑦ ᐃᓕᖓᔪᓄᑦ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ ᓄᓇᕕᒻᒥ ᐱᓇᓱᐊᕐᑕᐅᓂᖓ 1. ᐊᐱᓇᔭᐅᔪᖃᕐᓱᓂ ᑲᖏᕐᓱᒥ, ᓴᓪᓗᓂ ᐃᓄᒃᔪᐊᒥᓗ. ᒪᑭᕝᕕᒃᑯᑦ, ᑰᔾᔪᐊᒥ ᑯᐯᒃᒥ 16ᓂᒃ ᒪᐟᐱᒐᓖᑦ + 18ᔭᓂᒃ ᓄᓇᖕᖓᐊᖃᕐᑐᓂᒃ

[4] Doidge, W., W. Adams ᐊᒻᒪᓗ C. Burgy. 2002. ᐱᕈᕐᕕᐅᒍᓐᓇᑐᓂᒃ ᖃᐅᔨᒪᔭᐅᔪᑐᖃᕐᓄᑦ ᕿᓚᓗᒐᕐᓂᒃ ᓄᓇᕕᒻᒥ. ᐊᐱᓇᒍᑏᑦ ᐳᕕᕐᓂᑐᒥ, ᐅᒥᐅᔭᕐᒥ ᑰᔾᔪᐊᕐᕕᒻᒥᓗ, ᒪᑭᕝᕕᑯᑦ, ᑰᔾᔪᐊᒥ, ᑯᐯᒃ. 10ᓂᒃ ᒪᐟᐱᒐᓖᑦ + 9ᓂᒃ ᓄᓇᖕᖓᐊᖃᕐᓱᓂ

[5] Alayco, S., M. Bergeron ᐊᒻᒪᓗ M.D. Michaud, ᐃᓚᐅᑎᓪᓗᒋᑦ ᐊᖑᕕᒐᒃᑯᑦ (ᒪᕿᑦᑏᑦ, ᓄᓇᕕᒻᒥᐅᑦ), ᓯᕗᓕᕐᑏᑦ ᐃᓄᒻᒪᓈᓪᓗ ᐅᒥᐅᔭᕐᒥ, ᐃᓄᒃᔪᐊᒥ, ᓴᓪᓗᓂ, ᑲᖏᕐᓱᔪᐊᒥ ᑲᖏᕐᓱᒥᓗ, 2007. ᐃᓄᐃᑦ ᐃᓄᒻᒪᓇᖏᑦ ᖃᐅᔨᒪᔭᕐᖃᖏᓪᓗ: ᕿᓚᓗᒐᕐᓂᐊᓂᕐᒧᑦ ᓄᖑᑎᑦᓯᒐᓕᒪᒍᑎᐅᓲᓄᓪᓗ. ᑐᓴᕐᑎᓯᒍᑏᑦ ᓄᐃᑕᐅᔪᑦ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᓄᑦ, ᐊᕙᑕᒃᑯᓄᑦ

ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᑦᑕ ᓇᒻᒥᓂᖅ ᑲᕝᒪᑖᕋᓱᐊᕐᓂᖕᒋᓐᓄᑦ

2019-ᒥ ᑲᓇᑕ ᐊᑎᓕᐅᖅᑲᑎᖅᑲᓚᐅᔪᕗᖅ ᑐᑭᓯᒪᖅᑲᑎᒌᓐᓂᒧᑦ ᖅᑲᐅᔾᒪᑎᑦᓯᒍᑎᓂᒃ ᐃᓚᖅᑲᕐᓯᓂ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓂᒃ ᓴᐳᒻᒥᒍᑎᐅᓂᐊᕐᑐᒧᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᑦᑕ ᓯᕗᒧᐊᕐᐸᓕᐊᓂᖕᒋᓐᓂᒃ ᐊᑐᓕᕐᑎᓯᒪᓯᐊᕐᑎᓗᒋᑦ ᓇᒻᒥᓂᖅ ᑲᕝᒪᖅᑲᕐᓂᒥᒃ ᐊᐅᓚᑦᓯᒪᓇᓐᓂᒥᓪᓗ ᓄᓇᕕᒻᒥ. ᑕᒪᒃᑯᑎᒎᓇ, ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᑦ ᓄᐃᑦᓯᑐᐃᓐᓇᓇᐊᓖᑦ ᓄᑖᓂᒃ ᐊᐅᓚᑦᓯᒪᓇᒍᑎᑦᓴᑦ ᑐᖕᖕᒐᕕᑦᓴᖕᒋᓐᓂᒃ ᑐᖕᖕᒐᕕᕐᑐᓂᒃ ᐃᓄᐃᑦ ᐱᕐᑯᔭᖕᒋᓐᓂᒃ, ᐃᓪᓕᓇᔭᖕᒋᓐᓂᓗ, ᐃᓕᑕᓇᔭᐅᒪᒍᑎᖕᒋᓐᓂᓗ, ᐃᓗᕐᕈᓯᖕᒋᓐᓂᓗ ᐊᒻᒪᓗ ᐅᖅᑲᐅᓯᖕᒐᓂᒃ. ᑲᓇᑕ ᐊᖕᒋᕐᓯᒪᓕᕐᑐᑦ ᐅᕐᑳᖅᑎᒌᒍᑎᖅᑲᕐᓂᐊᓇᐊᒥᒃ ᓈᑦᑎᓇᓂᕐᒥᒃ ᐱᔪᓐᓇᓯᑎᑦᓯᒍᓐᓇᐅᑎᓂᒃ ᓄᑭᓂᓪᓗ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓄᑦ ᑕᒪᒃᑯᐊ ᐱᓪᓗᒋᑦ: ᐊᑦᑎᓕᓇᓃᑦ, ᓂᕐᑭᖅᑲᑦᓯᐊᕋᓱᐊᕐᓃᑦ, ᓄᑕᐅᓯᓕᕈᓐᓇᑐᓴᕋᑦ ᐱᕕᑦᓴᐅᓂᖕᒋᑦ, ᐃᒪᕐᐱᓕᓇᓂᕐᒥᒃ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᒪᓇᐅᑎᓄᑦ ᐃᒪᕐᐱᓂᒃ, ᐊᒻᒪᓗ ᐆᒪᔪᐃᑦ ᑲᒪᒋᔭᐅᓂᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᑎᒍᓚᓂᕐᒥᒃ.

ᕿᓚᓗᕐᒥᑦ ᑲᒪᒋᔭᐅᓂᖕᒋᑦ, ᑲᒪᒋᔭᖅᑲᕐᓃᓗ ᐆᒪᔪᓂᒃ ᑎᒍᓚᓂᕐᒥᓗ ᐃᓗᓐᓈᑎᒍᑦ, ᐅᑎᕐᑎᑕᐅᓪᓚᓇᒋᐊᓖᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᓐᓄᑦ ᓇᒻᒥᓂᖅ ᑲᕝᒪᖅᑲᕐᓂᐅᑉ ᐊᑐᕐᑎᑕᐅᓂᖕᒐᑎᒍᑦ. ᒫᓐᓇᑯᑦ ᓇᓗᓐᕐᓯᒪᓯᐊᕐᓂᐅᓕᕐᑐᐃᑦ ᓄᑖᓂᒃ ᑲᒪᒋᔭᖅᑲᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᑦᓴᐅᓂᐊᕐᑐᓂᒃ ᓄᓇᕕᐅᑉ ᑕᓇᐅᕐᑯᑎᖕᒐᓄᓕᖕᒐᔪᓂᒃ ᐱᕕᑦᓴᓯᐊᖕᒍᓚᖕᒐᓕᕐᑐᖅ ᓯᕗᒧᐊᕈᑎᐅᓗᓂ ᑕᒪᑦᓱᒧᖕᒐ ᑐᕌᖕᒐᕕᐅᔪᕐᒧᑦ. ***ᒐᒥᒻᒪᑦ, ᒪᑭᑯᕕᒃᑯᑦ ᕐᑯᔭᓈᕐᑕᐅᓚᓇᐊᓗᕐᑯᔨᓕᕐᑐᑦ ᑲᒪᒍᑎᓕᐊᖕᒍᓯᒪᔪᓂᒃ ᑕᑯᓐᓈᒐᖅᑲᓗᐊᓲᖕᒍᒻᒪᑕ ᑎᒍᓚᔭᐅᒍᓐᓇᑐᐃᑦ ᑰᑕᖅᑲᕐᑎᑕᐅᓂᖕᒋᓐᓂᒃ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᓄᑦ ᐱᕐᑯᔭᐅᑎᑕᐅᔪᕐᓂᒃ ᐃᓄᓐᓄᑦ ᐊᐅᓚᑦᓯᒍᑕᐅᑦᓴᕋᓗᐊᓗ.***

ᓄᓇᕗᕐᒥᐅᓗ ᓄᓇᕕᒻᒥᐅᓗ ᐊᑦᔨᒋᖕᒋᑐᓂᒃ ᐱᐅᓯᖅᑲᕐᕕᐅᓂᖕᒋᓐᓄᑦ

ᑲᒪᒋᔭᖅᑲᕐᓂᒧᑦ ᐊᕐᕿᓯᕐᑕᐅᒪᔪᐃᑦ ᐊᑖᒋᑦ, ᐊᑐᓂᑦ ᓄᓇᕕᐅᑉ ᓄᓇᓕᖕᒋᑦᑕ ᑎᒍᓚᒍᓐᓇᓂᖕᒋᑦ ᑰᑕᖅᑲᕐᑎᑕᐅᔪᑦ ᑎᒍᓚᑦᓗᐊᑐᓕᒪᒍᑎᐅᑦᓯᑎᒃ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖅᑲᕝᖅᖅᒐᓂᖅᒐᓃᑲᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ. ᓴᓂᑭᓗᐊᕐᒥᐅᑦ ᐃᓄᖕᒋᑦ ᓄᓇᕗᕐᒥᐅᖕᒍᑦᓯᑎᒃ ᑰᑕᖅᑲᕐᑎᑕᐅᓲᖕᒍᖕᒋᑐᑦ, ᐱᖅᑲᑕᐅᓲᖕᒍᒐᓗᐊᕐᒥᓯᑎᒃ ᑐᒃᑯᓂᖕᒐᑦᓴᓇᖅ ᐅᐱᖅᒐᓯᓯᐅᓲᕐᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ. ᑖᒃᑯᐊ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᐃᓱᒪᖅᑲᕐᓯᒪᓕᕐᑐᑦ ᑖᒃᑯᐊ ᓄᓇᓕᖕᒋᑦᑕ ᐱᕐᑯᔾᐱᖕᒋᑦ ᓇᒻᒪᓂᖅᑐᐃᓐᓇᓂᖅᑲᕐᑎᓗᒋᑦ ᐊᑦᑕᓇᖕᖕᒋᑐᒧᕐᑎᓯᑦᑐᓕᒪᒍᑎᐅᓗᑎᒃ ᑖᒃᑯᓂᖕᒐ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖅᑲᕝᖅᖅᒐᓂᖅᒐᓃᑲᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐊᒻᒪᓗ ᐱᒍᓇᓂᖕᒋᓐᓂᒃ ᐅᖕᒍᒪᒋᐊᑐᕈᓐᓄᓯᑎᒃ. ***ᒪᑭᑯᕕᑦ ᑕᒪᑦᓱᒪᐅᑉ ᖅᑲᓄᐃᓕᖕᒐᕕᐅᓂᖕᒐᓂᒃ ᐃᓱᐃᒋᔭᖅᑲᑦᔭᖕᒋᑦᑐᑦ ᐊᖕᒋᖅᑕᐅᑦᓱᑎᓪᓗ ᖅᑲᐅᔾᔪᕐᓂᒪᓇᓐᓂᑎᒍᑦ ᓴᐳᒻᒥᔭᐅᓂᖅᑲᓇᐊᖕᒋᓐᓄᑦ. ᑭᓯᐊᓂ, ᐅᕝᑯᒍᑎᖅᑲᕐᐳᒍᓪᓕ ᑕᒪᑦᓱᒧᖕᒐ ᐃᓱᒪᒍᓯᐅᔪᖅ ᐊᑐᕐᑎᑕᐅᔪᑦᓴᐅᓂᖕᒐᓄᑦ ᓄᓇᕕᒻᒥᐅᓄᑦ ᐅᓄᕐᓂᔭᑦ ᓄᓇᓖᑦ ᑰᑕᖅᖅᒋᕗᑎᑕᐅᓂᐊᕐᒪᑕ.***

ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖅᖠᓂᖅᖠᓃᑦᑑᑦ ᕿᓚᓗᒐᖅᑭᑦ: ᐱᐅᓯᕆᔭᐅᓯᒪᓕᕐᑐᓄᑦ ᑐᑭᒧᐊᑦᓯᐊᖅᑭᑦᑑᑎᑕᐅᓂᒃᑯᑦ ᐊᔪᐃᓐᓇᕋᓱᐊᕈᑎᐅᓯᒪᔪᕐᓄᑦ ᖃᐅᔨᓴᕐᓂᒪᓇᕐᑎᒍᓪᓗ ᖃᐅᔨᓴᕐᑕᐅᔪᖃᑦᓯᐊᓯᒪᖅᑭᓂᖅᖠᓄᑦ

ᓄᓇᕕᐅᑉ ᐃᓄᖅᑭᑦ ᒪᓕᑦᑎᑕᐅᓯᒪᓕᕐᑐᑦ ᑕᒫᖅᒍᖅᑭᑐᐊᓗᒃ ᐊᔪᐃᓐᓇᐅᑎᒋᔭᐅᔪᕐᓄᑦ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᓄᑦ ᑐᖅᖠᕕᖃᕋᓱᐊᕐᓯᑎᒃ ᖃᐅᔨᓴᕐᓂᒪᓇᓐᓂᑎᒍᑦ ᖃᐅᔨᓴᕐᑕᐅᓯᒪᓕᕐᑐᓂᒃ ᐊᑯᓂᐅᓗᐊᓕᕐᑐᖅ. ᓄᓇᕕᐅᑉ ᐃᓄᖅᑭᑦ ᐊᑦᓱᕈᓐᓇᑐᒃᑰᓯᒪᔪᑦ ᐊᒥᓱᒪᒪᓇᓐᓂᒃ ᐅᑭᐅᓂ ᑕᑯᓐᓈᑕᐅᓗᐊᕐᑐᖃᕐᓂᑯᖅᖠᓄᑦ ᐊᑦᑕᓇᕐᑐᒫᓯᑐᐃᓐᓇᓇᐊᖃᕋᔭᓇᐊᖅᑭᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖅᖠᓂᖅᖠᓃᑦᑑᑦᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐱᔭᐅᕐᑲᑦᑕᓗᐊᑦᖅᒍᓂᑯᖅᑭᓐᓄᑦ (ᑲᒪᒋᔭᕐᑲᕐᓂᒧᑦ ᑐᑭᑖᕐᑕᐅᓯᒪᔪᑦ ᑐᕌᖅᑎᑕᐅᕐᑲᑦᑕᓯᒪᒻᒥᒪᑕ ᓴᐳᑦᑉᒪᒍᑎᐅᑦᓯᑎᒃ ᐅᖅᖠᕝᕚᓂᒃ ᐅᐱᕐᖅᖠᑯᑦ ᕿᓚᓗᒐᕐᓂᒃ, ᑭᓯᐊᓂ ᑕᒪᓐᓇ ᐊᓯᐊᒍᑦ ᐅᕐᑳᔭᐅᓂᐊᕐᒥᔪᕐᓕ). ᐅᓄᕐᓂᓴᑦ ᓄᓇᕕᐅᑉ ᓄᓇᓕᖅᑭᑦ ᐱᕕᕐᑲᕐᑲᑦᑕᓯᒪᓕᕐᒥᔪᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᐊᑐᐊᕐᓂᖅᖠᓂᓂᒃ ᓴᒥᕐᐯᒥᓂᓪᓘᓃᑦ ᕿᓚᓗᒐᕐᓂᒃ ᕿᓚᓗᒐᕐᓯᐅᕕᒋᓂᑐᕐᑲᖅᑭᑦᑕ ᐃᓗᐊᒍᒻᒥᔫᒐᓗᐊᖅ ᐅᓪᓗᐃᑦ ᐃᓗᓐᓈᐱᖅᑭᓐᓂ ᐊᕐᕌᒍᕐᒥ. ᓘᓪᓕᑎᕐᓗᒍ, ᑖᒃᑯᐊ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖅᖠᓂᖅᖠᓃᑦ ᕿᓚᓗᕐᑦ ᐅᐱᕐᖅᖠᓯᐅᕐᓯᑎᒃ ᓄᖅᒍᐃᓐᓇᓂᐊᕐᐸᑕ ᑎᒍᓚᔭᐅᓗᐊᕐᓂᑯᖅᑭᓐᓄᑦ ᐊᒻᒪᓗ ᑕᒪᒃᑯᐊ ᕿᓚᓗᒐᖃᕐᕕᐅᓲᑦ ᐆᒪᔪᕐᑖᓇᐊᓪᓚᓂᐊᖅᑭᑐᐊᕐᐸᑕ, ᑐᒪ ᓄᓇᓃᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᐃᒪᖅᖠᓃᖅᖃᕐᑐᑦ ᐅᒥᐅᔭᕐᒧᑦ ᖃᓂᑕᓃᑦ (ᐅᑯᐊ ᐃᓄᒃᔪᐊᒃ, ᐅᒥᐅᔭᕐᓗ ᑰᔾᔪᐊᕋᐱᓪᓗ) ᕿᓚᓗᒐᕐᓯᐅᕕᖃᓚᖅᒐᒍᓐᓄᑐᑦ ᒪᕐᕝᕕᒋᓲᑐᖃᖅᑭᓐᓃᓲᓂᒃ. ᑕᒪᓐᓇ ᓱᓕᓂᕐᑳᓗᓪᓗᐊᔭᖅᑭᒃᑲᓗᐊᕐᓱᓂ ᑐᒥᓕᖅᒐᑎᑕᐅᒐᓗᐊᕐᑎᓗᒍ, ᓄᐃᑕᑎᑦᓯᒍᑎᐅᒻᒪᑦ ᐊᒥᓱᓄᑦ ᒪᕐᕝᑎᓄᑦ ᑕᑯᓐᓈᑕᐅᓲᖅᒍᓕᕐᑐᒥᒃ ᐊᐱᓇᐅᑎᕐᑲᓲᖅᒍᒻᒪᑕ ᑰᑕᕐᑲᓇᐊᑐᓪᓕᓇᒻᒪᖅᒐᑦ, ᖃᐅᔨᒪᑦᓯᑭᑦ ᐊᒥᓱᒪᒪᓇᓐᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᖀᖅᑭᕐᑐᕐᑲᓲᖅᒍᓕᕐᑎᓗᒍ ᓄᓇᓕᖅᑭᓐᓂᒃ ᐃᖅᑭᕐᕋᓂᕐᑲᓕᑐᐊᕐᒪᑕ.

ᑰᑭᔭᐅᔪᐃᑦ ᐹᖅᑭᑦ ᐅᒃᑯᐊᑕᐅᓂᓇᓲᖅᑭᑦ ᐊᑯᓂᐊᓘᓕᕐᑐᖅ ᐃᓱᐃᑭᔭᐅᓯᒪᓕᕐᑐᑦ ᐊᒥᓱᒪᒪᓇᓐᓄᑦ ᐃᓄᓐᓄᑦ. ᑕᓯᐅᔭᕐᔪᐊᒥᓕ, ᐅᒃᑯᐊᑕᐅᒪᓂᖃᓇᐊᖅᖠᓕᕐᑎᓗᒍ ᐃᓄᓐᓄᑦ ᑲᔪᓯᑎᑕᕐᒥᒃ ᖃᓄᐃᓕᒋᐊᕐᑐᖃᓯᒪᔪᖅ ᐅᓚᐱᓗᐊᕐᒐᓕᒪᒍᑎᒋᑦᓱᒍ ᕿᓚᓗᒐᕐᓂᒃ. ᑭᖅᒍᓂᐊᒍᑦ, ᑕᒪᒃᑯᐊ ᐅᒃᑯᐊᓯᒃᑕᑦᑕᓃᑦ ᒪᓕᒐᖅᒍᑎᑕᐅᑐᐃᓐᓇᓯᓚᐅᔪᑦ ᐊᒻᒪᓗ ᐱᑦᔪᑎᒋᓇᓱᐊᕐᑕᖅᒋᑦ ᐊᓯᑦᔨᓱᑎᒃ ᑎᒍᓚᓂᕐᒥᒃ ᐃᑭᓪᓕᓕᐅᒥᑎᑦᓯᒍᑕᐅᑐᐃᓐᓇᓯᑎᒃ. ᐊᒥᓱᕕᑦᓯᑎᒃ ᐃᓄᐃᑦ ᑎᒍᓚᕕᖃᓇᐊᓪᓚᕈᒪᖃᑦᑕᓯᒪᓕᕐᑐᑦ ᑕᒪᒃᑯᓇᓂ ᐃᒪᕐᓂ ᐅᒃᑯᐊᑕᐅᒪᔪᕐᓂ, ᑭᓯᐊᓂ ᐅᔾᔨᕈᓱᒍᑎᖃᕐᓯᑎᒃ (ᐅᑦᑑᑎᒋᓗᒍ ᐃᓄᐃᑦ ᖃᐅᔨᒪᓂᖃᓇᐊᖅᑭᓐᓂᒃ ᕿᓚᓗᒐᑦ ᑰᑦ ᐹᖅᑭᓐᓂᓲᑦ ᐊᑦᑕᓇᕐᑐᒫᑐᐃᓐᓇᓇᐊᖃᓲᖅᒍᓂᖅᑭᓐᓂᒃ). ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᐅᒪᖅᒐᓕᒫᖅ ᐊᖅᑭᖃᑦᑕᓯᒪᖅᖠᑐᑦ ᐅᒃᑯᐃᑕᐅᒋᐊᓪᓚᕐᑯᔨᒐᓱᐊᕐᑐᓂᒃ ᑎᒍᒪᒍᒪᔪᓄᑦ. ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖅᖠᓂᖅᖠᓃᑦᑐᓄᓪᓕ, ᓄᐃᑕᑎᑕᐅᓂᖃᓲᖅᒍᒻᒪᑦ ᑕᒪᒃᑯᓄᖅᖠ ᐃᓚᒋᓈᕐᑎᑐᓂᒃ ᕿᓚᓗᒐᕐᓂᐊᑐᖃᓯᓲᖅᒍᒻᒪᑦ ᐊᒥᓱᐊᓗᓐᓂᒃ ᑎᒍᓚᓂᕐᓴᐅᓲᖅᒍᔪᕐᓂᒃ ᐱᓐᓂᐊᕋᓱᐊᓪᓚᓕᑐᐊᕐᒥᒃ. ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᐃᑐᓕᖅᒍᑎᖅᑭᑦ ᑕᒪᑦᓱᒍᖅᖠ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖅᖠᓂᖅᖠᓃᑦ ᐅᒃᑯᐊᓂᓯᒪᒍᑎᖅᑭᓐᓂᒃ ᐱᔪᓐᓇᓂᑐᐃᓐᓇᒥᒍᑦ ᐊᑐᕐᑎᓯᑎᓪᓗᒋᑦ. ***ᒪᑭᑉᕕᑯᑦ ᒪᓕᒐᓕᐅᕐᑕᐅᕐᑯᔨᒻᒪᓇᑦᑐᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖅᑭᑦ ᓇᓗᓐᕐᓯᒍᓐᓇᓂᐊᕐᑎᓗᒋᑦ ᖃᖅᒐᐅᓕᕐᐸᓗ ᖃᓄᕐᓗ ᕿᓚᓗᕐᑦ ᑎᒍᓚᔭᐅᔪᑦᓴᐅᒪᖅᖠᑕ ᑖᒃᑯᓇᓂ ᕿᓚᓗᒐᕐᓯᐅᕕᐅᓪᓗ ᐸᑎᕐᑑᓗ ᐹᖅᑭᓐᓂᓲᓂᒃ.***

ᑕᒪᓐᓇᒐᓗᐊᕐᑎᓗᒍ, ᑕᒪᓐᓇ ᑰᑕᖃᕐᑎᓯᓂᖅ ᓄᐃᑎᓇᖅᑭᓐᓇᐸᑦᑐᖅ ᐊᑐᑦᓯᐊᓂᖃᖅᖠᑐᓂᒃ ᐊᑐᓕᕐᑎᓯᒍᓯᕐᓂᒃ. ᐅᑦᑐᕋᐅᑎᖃᕈᓐᓇᒪᑦ ᐅᒃᑯᐊᑕᐅᔪᖃᓚᐅᕐᑎᓗᒍ ᐅᑭᐊᑦᓴᒥ 2019-ᒥ ᕿᓚᓗᒐᕐᓂᐊᓂᕐᒥᒃ. ᐱᓇᓱᐊᖃᑎᒌᓚᐅᕋᓗᐊᕐᑎᓗᒋᑦ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᓗ, ᐊᖅᒍᕕᒐᒻᒪᓇᒃᑯᓗ

ᒪᑭᕝᕕᑯᓗ ᐅᓪᓗᖏᓐᓂᒃ ᐊᕗᖓᓕᐅᒥᑎᑦᓯᒐᓱᐊᕐᓂᒧᑦ, ᓱᓕ "ᒪᓕᒐᕐᑎᒎᖕᒋᑐᓂᒃ" ᑎᒍᓚᔭᐅᔪᖅᑲᖅᑕᓚᐅᕐᑐᖅ. ᐃᒣᓕᖓᑐᐃᓐᓇᓇᐊᖅᑲᕐᒪᑦ, ᐊᑦᑕᓇᕐᓯᒍᑎᐅᓚᖓᒍᑕᐅᖕᖏᒪᑕ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖓᓂᖓᓂᓲᓂᒃ ᕿᓚᓗᒐᕐᓄᑦ ᐊᒻᒪᓗ ᑐᒣᓕᐅᕐᑎᓯᑦᑐᓕᒪᔪᖅᑲᕐᓂᐊᐸᑦ ᓯᕗᓂᑦᓴᒥ ᐱᐅᔪᒥᒃ ᓱᕐᖤᓂᖅᑲᒐᓛᐱᑐᐃᓐᓇᓚᖓᒍᓇᐅᑦᓱᑎᒃ ᑕᓯᐅᔭᕐᔪᐊᑉ ᕿᓚᓗᒐᖏᓐᓂᒃ. ᓄᑖᓂᒃ ᖃᓄᐃᓕᒋᐊᕈᑎᖃᕐᓂᐊᐸᑦ ᑲᒪᒋᔭᖃᓇᐊᓕᒃ ᑕᒪᑦᓱᒪᐅᑉ ᐱᑦᔪᑕᐅᓂᖓᓂᒃ ᐊᒻᒪᓗ ᐊᑐᑦᓯᐊᕋᓱᐊᕐᓂᐸᐅᓂᖃᕐᓗᓂ ᑕᒪᒃᑯᓂᖓ ᓄᐃᑕᒌᕐᑐᓂᒃ ᐱᕕᑦᓴᓂᒃ.

ᐅᖓᑭᒥ:

ᐅᖓᑭᒥᐅᓄᓪᓕ, ᐅᒃᑯᐊᓯᒪᑎᑦᓯᓃᑦ ᓱᓕᑎᑕᐅᒪᓂᖃᖃᑦᑕᑐᑦ ᓴᐳᑦᐸᓯᒪᒋᐊᖃᕐᓂᒧᑦ ᐅᖓᑭᐅᑉ ᕿᓚᓗᖓᖏᓐᓂᒃ ᐅᐱᕐᖓᓯᐅᕐᑐᓂᒃ. ᖃᐅᔨᒪᒍᑎᑦᓴᖃᑦᓯᐊᖏᑦᑐᖅ ᕿᓚᓗᖓᖃᖏᓐᓇᓯᐊᕋᓗᐊᕐᒪᖔᑦ ᐊᒻᒪᓗ ᑐᖕᖓᕕᒋᑦᓱᒋᑦ ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖏᑦᑕ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᓇᓯᒪᔭᖏᑦ ᑕᒪᐅᖓ ᐃᒪᕐᒨᔭᓲᑦ ᕿᓚᓗᕐᑦ ᐃᖏᕐᕋᕕᖃᑐᐃᓐᓇᓱᑎᒃ. ᖃᒻᒥᑯᑦ ᐊᐅᖏᑦᑎᒍᑦ ᖃᐅᔨᓴᕐᓃᑦ ᐃᓱᒪᖃᕐᑎᓯᓯᒪᔪᑦ ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖓᓂᖓᓂᓲᓂᒃ ᕿᓚᓗᕐᑦ ᐱᔭᐅᓪᓗᐊᓲᖕᒍᖕᒋᒋᐊᖏᑦ ᑕᒫᖕᖓᑦ ᐃᒪᕐᒥᒃ, ᐊᔪᐃᓐᓇᑕᐅᒪᔪᖃᖕᖏᑐᖅ ᐊᓯᐊᒍᕐᑎᓯᒍᑎᑦᓴᐅᒐᔭᕐᑐᓂᒃ ᑕᒪᑦᓱᒍᖓ ᑰᑕᖃᕐᑎᓯᓂᒃᑯᑦ ᖃᒪᒋᔭᐅᑎᑦᓯᒍᓯᕐᒧᑦ ᑕᒪᐅᖓ ᐃᒪᕐᒨᓕᖓᔪᓄᑦ. ***ᒪᑭᕝᕕᑯᑦ ᑎᒍᔭᐅᕐᑯᔨᓯᒪᓕᕐᑐᑦ ᐃᓄᓐᓄᑦ ᓯᕗᓕᕐᓯᔭᐅᔪᒥᒃ ᖃᒪᒋᔭᖃᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᖃᕐᓂᒥᒃ ᐅᖓᑭᒨᓕᖓᔪᓂᒃ.***

ᐱᑦᔪᑎᒋᓯᒋᑦ ᒪᕐᕋᓕᒻᒥᒃ ᐅᒃᑯᐊᓯᓯᒪᓂᐅᔪᖅ, ᒪᕐᕝᑦᑎᓂᒃ ᑐᑭᓯᓂᐊᕐᕕᐅᔪᖃᓚᐅᔪᒻᒪᑦ ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖏᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᖃᕐᑎᓗᒋᑦ ᐅᒃᑯᐃᑕᐅᑎᑦᓯᒍᒪᓂᖃᕐᑐᓄᑦ ᐃᑉᐱᒋᔭᖃᑦᓯᐊᓂᒃᑰᑐᒥᒃ, ᐃᓚᖃᕐᑐᓂᒃ ᑎᒍᓚᔭᐅᔪᐃᑦ ᖃᐅᔨᕋᑦᓴᖏᑦᑕ ᓄᐊᑕᐅᓂᖏᓐᓂᒃ ᓇᓗᓐᕐᓯᒍᑎᑦᓴᐅᓂᐊᕐᑐᒧᑦ ᑖᒃᑯᐊ ᐅᖓᑭᐅᑉ ᕿᓚᓗᖏᑦ ᑕᒫᓃᖏᓐᓇᓲᖕᒍᒻᒪᖔᑕ ᐅᑭᑦᔫᓐᓃᑦ ᐱᑕᖃᕈᓐᓐᓇᒻᒪᖔᑕ. ***ᒪᑭᕝᕕᑯᑦ ᓴᐳᒻᒥᓂᓖᑦ ᑕᒪᑦᓱᒍᖓ ᐊᑑᑎᔭᐅᒐᓱᐊᕐᓂᖓᓂᒃ ᑭᓯᐊᓂ ᐅᖃᓇᐊᓪᓚᓯᒪᔪᑦ ᖃᒪᒋᔭᖃᕐᓂᒧᑦ ᖃᒪᖃᑕᐅᔪᓚᒫᑦ ᓴᐳᒻᒥᒋᐊᖃᕐᓂᖏᓐᓂᒃ ᓄᓇᓖᑦ ᐊᖑᕕᒫᐱᖏᓐᓂᒃ ᖃᔪᓯᑎᑕᐅᔪᖃᓚᕐᐸᑦ ᑖᒃᑯᐊ ᑐᑭᑖᕐᑕᖏᓐᓂᒃ.***

ᓄᓇᓕᓚᒫᑎᒍᑦ ᐸᕐᓇᓯᒪᐅᑎᓕᐊᖑᓯᒪᔪᕐᓄᑦ

ᑕᓯᐅᔭᕐᔪᐊᑉ ᖃᕝᖕᖓᓂᖓᓂᓲᑦ ᕿᓚᓗᕐᑦ ᐃᑭᓪᓕᓕᐅᒥᑐᐊᕈᑎᒃ ᓱᕐᖤᓂᕐᐸᐅᓂᖃᓚᖓᒻᒪᑕ ᐅᑯᓂᖓ ᓄᓇᓕᓐᓂᒃ ᐃᓄᒃᔪᐊᒃ, ᐅᒥᐅᔭᖅ ᐊᒻᒪᓗ ᑰᔾᔪᐊᕋᐱᒃ, ᒪᑭᕝᕕᑯᑦ ᐱᒻᒪᓇᐅᔪᓇᑦᓯᒪᑕ ᐃᓗᐃᓐᓈᒍᑦ ᐃᓚᐅᕐᑲᑕᐅᒋᐊᖃᕐᑐᓇᑦᓯᒋᑦ ᓇᓗᓐᕐᑕᐅᔪᖃᕋᓱᐊᓕᕐᐸᑦ ᐊᑦᑕᓇᕐᓯᑐᐃᓐᓇᓇᐊᖃᕐᓂᖏᑦᑕ ᐳᕐᑐᓂᖓᓂᒃ ᓈᒻᒪᓂᖃᕐᑐᒥᒃ ᐊᒻᒪᓗ ᐱᓂᐊᕐᓂᓇᔭᐅᒋᐊᖃᕐᑐᓴᐅᔪᓇᔭᐅᔪᕐᓄᑦ. ***ᓄᓗᓐᕐᑕᐅᐸᑦ ᑖᒃᑯᐊ ᑎᒍᓚᒍᓐᓇᓂᖏᑦ ᐱᕕᑭᑦᑑᑎᑕᐅᒪᓇᓂᐊᕐᐸᑕ ᑖᒃᑯᐊ ᓄᓇᓖᑦ, ᐃᓗᓐᓈᒍᑦ ᐃᓚᐅᖃᑕᐅᑦᓯᐊᓇᐊᓖᑦ ᓄᓗᓐᕐᑕᐅᔪᖃᓕᕐᐸᑦ ᖃᓄᐃᓐᓗᐊᑐᒥᒃ ᐳᕐᑐᓂᖃᕐᑐᓴᐅᒻᒪᖔᑕ ᐊᒻᒪᓗ ᓯᓇᓂᒃ ᐱᕕᑦᓴᓕᐅᕐᑕᐅᒪᒻᒪᖔᑕ. ᓄᓇᕕᒻᒥᐅᓕᒫᓄᓪᓕ, ᑰᑕᖃᕐᑎᓯᓂᐅᑉ ᐊᓯᐊᒍᕐᑐᒥᒃ (ᐅᑦᑑᑎᒋᓗᒍ ᖃᖓᐅᓕᕐᐸᑦ ᐱᓐᓂᐊᕈᓐᓇᒻᒪᖔᑕ, ᐅᒃᑯᐊᓯᓖᑦ, ᐊᓯᖏᓪᓗ) ᑎᒍᓚᔭᐅᓂᖏᑦ*

ᐅᖁᒥᓪᓕᐅᕈᑎᐅᓚᖁᓂᐊᓕᖁᑎᒃ ᑕᓯᐅᔭᖁᐊᑉ ᐊᑐᐊᖁᓂᖕᒐᓂᓲᓂᒃ ᐊᒥᔅᐯᒥᓲᓂᓪᓘᓃᑦ ᖁᓚᓗᒐᖏᓐᓂᒃ, ᐅᑯᓐᓘᓐᓃᑦ ᑕᓯᐅᔭᖁᐊᑉ ᖃᑯᖕᖕᒐᓂᖕᒐᓂᓲᓂᒃ ᖁᓚᓗᒐᖁᓂᒃ ᐊᑦᑕᓇᖁᑐᒧᖁᑎᓯᑦᑐᓕᒪᒍᑎᐅᓗᓂ (ᐅᑦᑑᑎᒋᓗᒍ ᖁᓚᓗᒐᖁᑕᐅᒍᓐᓇᑐᓂᒃ ᐅᓄᖁᓂᖃᖁᑎᓯᓗᓂ ᐊᑐᓂᑦ ᐊᖑᓇᓱᓐᓂᑕᒫᑦ) ᑲᔪᓯᑎᑕᐅᔪᑦᓴᐅᑎᓪᓗᒋᑦ.ᑐ

ᐅᔾᕈᓱᓐᓂᖃᖁᓗᓂ ᐊᑑᑎᒋᐊᖁᓂᒧᑦ ᑐᖕᖓᕕᖕᒋᓐᓄᑦ

ᐊᑐᖁᑎᓯᓂᐅᔪᖅ ᑏᒥᖕᖓ ᐅᔾᕈᓱᑦᓯᒪᓂᒃᑯᑦ ᐊᑑᑎᒋᐊᖁᓂᐅᔪᖅ ᐊᑭᓕᖁᑕᐅᓂᖃᖁᓯᓂ ᐃᓄᐃᑦ ᐱᔪᓐᓇᐅᑎᖕᒋᓐᓄᑦ ᐃᓱᒫᓗᒍᑕᐅᒪᓇᖃᑦᑕᓱᖕᒍᒪᒥᔪᖅ. ᑖᓐᓇ ᑲᑭᒪᑐᖃᒃᑯᑦ ᑐᖅᑲᑕᖁᐱᒋᓯᒪᔭᖕᖓ ᑕᓇᐅᖁᒥᐅᑕᓕᓇᓂᖁᒧᑦ, ᑕᒥᓂᒃ ᓕᐸᓚᓐᑦ, ᐊᖕᒋᕈᑎᖃᑐᐊᖁᒪᑦ ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔾᔪᐊᖕᒋᑦᑕ ᓯᕗᐊᓂᒍᑦ ᑲᑎᑦᓱᑎᒃ ᑎᒍᔭᐅᑎᒍᓐᓇᑐᓄᑦ ᑰᑕᖁᖁᑎᓯᖕᖕᒋᑑᓂᖁᒧᑦ ᑐᑭᑖᖁᑕᐅᓚᐅᔪᒧᑦ, ᒥ 2017-ᒥ, ᑖᓐᓇ "ᐊᐱᓇᓚᐅᔪᕗᖅ ᑲᒪᔾᐅᖁᑎᒌᑦᑐᐃᑦ ᐱᓇᓱᐊᖁᑎᒌᓐᓂᐊᑎᓪᓗᒋᑦ ᖁᐅᔾᔭᖁᓗᑎᒃ ᐊᑐᖁᑕᐅᔪᖁᕈᓐᓇᒪᖕᒑᑦ ᐃᒥᑦᑐᒥᒃ ᐅᔾᕈᓱᑦᓯᒪᓂᒃᑯᑦ ᐊᑑᑎᔭᐅᓂᐊᖁᑐᐃᑦ ᑐᖕᖓᕕᖁᖁᑎᑕᐅᓂᖕᒋᓐᓂᒃ". ᒪᑭᕝᕕᑯᑦ ᖁᐅᔾᒪᓂᖁᑦᓯᐊᒪᑕ ᑕᒪᓐᓇ ᐱᓇᓱᐊᖁᑕᐅᓯᒪᓕᓇᐊᖕᒋᑦ ᑕᓇᐅᖁᒥᐅᑕᐅᓕᓇᔾᑦ ᖁᐅᔾᔭᖁᓂᖕᒋᓐᓄᑦ[6,7] ᓇᓗᓐᖁᑕᐅᔪᖁᕋᓱᐊᖁᑎᓗᒍ ᖁᓄᐃᓕᖕᒐᒐᔭᖁᒪᖕᒑᑕ ᐅᔾᕈᓱᓐᓂᑯᑦ ᐊᑑᑎᒐᑦᔭᐅᓂᐊᖁᑐᑦ ᑕᓯᐅᔭᖁᔪᐊᑉ ᖁᕝᕕᖕᒐᓂᖕᒐᓃᓲᓄᑦ ᖁᓚᓗᒐᖁᑦ, ᐃᓚᖁᖁᑐᒥᒃ ᖁᒥᖁᕈᔭᐅᔪᖁᖁᑎᓗᒍ ᐊᑦᔾᕈᒋᖕᒋᑐᓂᒃ ᐊᑑᑎᔭᐅᒍᓐᓇᑐᓂᒃ ᓇᓗᓐᖁᑕᐅᔪᖁᕋᓱᐊᖁᑎᓗᒍ ᐅᓄᖁᓂᓇᔭᐅᑎᑕᐅᓂᐊᖁᑐᐃᑦ ᐳᖁᑐᓂᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᐅᔾᕈᓱᑦᓯᒪᓂᒃᑯᑦ ᐳᖁᑐᓂᓇᔭᐅᑎᑕᐅᔪᖁᓂᒃ. ᑭᓯᐊᓂᓕ, ᑕᒪᑦᓱᒧᖕᖓ ᐱᓇᓱᐊᖁᑕᐅᓯᒪᓕᖁᑦ ᒪᑭᕝᕕᑯᓄᑦ ᓱᖁᑯᐃᑕᐅᒪᖕᖕᒋᑐᑦ ᑕᒪᑦᓱᒧᖕᖓ ᐅᔾᕈᓱᑦᓯᐊᓂᒃᑯᑦ ᐊᑑᑎᔭᐅᒋᐊᖁᖁᑐᓃᓕᖕᖓᔪᑦ ᒪᓕᑦᑕᐅᓚᓇᐊᓗᒋᐊᖁᓇᐊᖕᒋᑦ ᓇᒻᒪᓃᖁᓯᒪᖕᖕᒋᑑᓂᖁᖁᑎᓗᒋᑦ ᑖᒃᑯᓄᖕᖓ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᑦᑕ ᓄᓇᑖᖁᓂᒧᑦ ᐊᖕᒋᖁᑎᒌᒍᑎᖕᒋᓐᓄᑦ. ᐱᓗᐊᖁᑐᒥᒃ ᑕᒪᓐᓇ ᐅᔾᕈᓱᑦᓯᐊᓂᒃᑯᑦ ᐊᑐᑎᑦᓯᓂᐅᔪᖅ ᐃᓱᒪᒋᔭᐅᓂᖁᕈᓐᓇᕋᓗᐊᖁᑎᓗᒍ ᐊᓯᐅᑎᓯᑦᑐᓕᒪᓂᖁᒧᑦ ᐃᓱᒪᒋᔭᐅᓯᒪᒋᐊᓖᑦ ᐊᑖᒍᑦ (ᓄᓇᑖᖁᓂᒧᑦ ᐊᖕᒋᖁᑎᒌᒍᑎᖕᒋᓐᓂ ᐊᓪᓚᖕᒋᑦ 5.1.5-ᒥᑦᑐᓂᒃ), ᐊᑐᖁᑕᐅᓂᖕᒐ ᐃᓱᒪᓂᖁᖕᖕᒋᑑᑎᑕᐅᒪᒪᑦ ᐃᓄᐃᑦ ᖁᐅᔾᒪᔭᖕᒋᓐᓂᒃ ᐅᕝᕙᓘᓐᓃᑦ ᑕᑯᓐᓈᑕᐅᒍᓐᓇᖕᒋᑦᑑᓱᓂ ᓲᓱᒋᔭᖁᖁᑎᓗᒍ ᑕᑯᑦᓴᐅᑎᑦᓯᑎᓪᓗᒍᓗ ᐃᓄᐃᑦ ᐊᑑᑎᒐᓱᐊᖁᑕᖕᒋᓐᓂᒃ ᑏᒪᔪᓂᒃ ᑲᒪᒋᔭᖁᖁᓂᑎᒍᑦ. ᓱᓕ, ᑕᓇᐅᖁᒥᐅᑕᓕᓇᔾᒃᑯᑦ ᐊᑐᖁᓯᒐᓱᐊᑐᐊᕈᑎᒃ ᑕᒪᑦᓱᒥᖕᖓ ᐅᔾᕈᓱᑦᓯᐊᒃᓂᑯᑦ ᐊᑑᑎᔭᐅᓂᐊᖁᑐᐃᑦ ᑐᖕᖓᕕᖕᖓᓂᒃ ᓇᒻᒪᒋᔭᐅᒍᒪᓂᖁᒥᓄᑦ ᓄᓇᖁᔪᐊᒥᐅᖕᒍᖁᑎᒌᑦ ᓯᕗᓂᓕᐅᖁᓯᒪᔭᖕᒋᓐᓄᑦ, ᑖᒃᑯᓄᖕᖓ ᑲᕝᕕᑐᖁᒃᑯᓄᑦ ᑎᒣᓕᔭᐅᓯᒪᔪᒥᒃ, ᑎᒪ ᓄᓇᕕᐅᑉ ᐃᓄᖕᒋᑦ ᐱᐅᓯᖁᖁᐅᓂᖁᖁᔪᑦᖁᕝᕕᓃᑦ ᑐᑭᓯᓂᐊᖁᓂᖁᖁᑎᓗᒍ, ᒪᓕᓪᓗᒋᑦ ᓄᓇᑖᖁᓂᒧᑦ ᐊᖕᒋᖁᑎᒌᒍᑎᓯᒪᔪᑦ ᐊᓪᓚᖕᒋᑦ 5.8.2-ᒥᑦᑐᑦ. ᒪᑭᕝᕕᑯᑦ ᖁᐅᔾᒪᓂᖁᖕᖕᒋᑐᑦ ᑎᒣᑦᑐᒧᑦ ᑐᑭᓯᐊᖁᑕᐅᔪᖁᓚᐅᖁᓯᒪᒪᖕᖓᑦ. ***ᑕᒪᓐᓇ ᑕᑯᓐᓈᓯᒍ, ᒪᑭᕝᕕᑯᑦ ᑲᔪᓯᑎᑕᐅᖁᔾᔭᖕᖕᒋᑐᑦ ᑖᒃᑯᓄᖕᖓ ᐅᔾᕈᓱᑦᓯᐊᓂᒃᑯᑦ ᐊᑑᑎᔭᐅᒋᐊᓖᑦ ᑐᖕᖓᕕᖕᒋᓐᓂᒃ ᑕᓯᐅᔭᖁᔪᐊᑉ ᖁᕝᕕᖕᒐᓂᖕᒐᓂᓲᓄᑦ ᖁᓚᓗᒐᖁᑦ.***

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[6] Stenson, G.B., M. Hammill, S. Ferguson, R. Stewart ᐊᒻᒪᓗ T. Doniol-Valcroze 2012. ᐊᑐᖁᑎᓯᓂᖁᒧᑦ ᐅᔾᕈᓱᑦᓯᐊᓂᒃᑯᑦ ᐊᑑᑎᔭᐅᔪᒥᒃ ᑕᓇᐅᑉ ᐆᒪᔪᖕᒋᓐᓂᒃ ᑎᒍᓕᓂᖁᒧᑦ ᑲᓇᑕᒥ DFO Can. Sci. Advis. Sec. Res. Doc. 2012/107. ii + 15 p.

[7] Hammill, M.O., Stenson, G.B., ᐊᒻᒪᓗ Doniol-Valcroze, T. 2017. ᑲᒪᒋᔭᖁᖁᓂᒧᑦ ᑐᖕᖓᕕᖕᒋᑦ ᓄᓇᕕᐅᑉ ᖁᓚᓗᒐᖕᒋᓐᓄᑦ. DFO Can. Sci. Advis. Sec. Res. Doc. 2017/060. v + 34 p.

ᓄᓇᕗᑦ ᐃᓄᖕᒋᑦᑕ ᐱᐅᖕᒋᑑᓂᖃᕐᑐᓄᑦ ᓱᕐᕋᑕᐅᒪᓂᖕᒋᓐᓄᑦ

ᒪᑭᕝᕕᑯᑦ ᐃᒣᓕᖓᓂᖃᕐᒪᑕ ᑖᒃᑯᐊ ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᑦᓗ ᓄᓇᕗᑦ ᐃᓄᖕᒋᑦᓗ ᖃᓄᐃᓕᐅᖃᑎᒌᓐᓂᕆᔨᖕᒋᑦ ᐃᓱᐃᑦᓕᓯᒪᔪᒻᒪᕆᐅᖃᑦᑕᓕᓚᐅᕐᓂᑯᖕᒋᓐᓄᑦ ᖃᒻᒥᐅᓚᐅᕐᑐᓂ ᐊᕐᕌᒍᕐᓂ ᐱᕙᓪᓕᕈᑕᐅᔪᖃᕐᓂᐊᐸᑦ ᐊᓯᐅᑎᑦᓯᒐᓕᒪᓂᕐᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ ᐱᒋᐊᕐᑎᑕᐅᔪᖃᓇᐊᖃᕐᑎᓗᒍ ᑲᔪᓯᑎᑕᐅᔪᖃᕐᓗᓂᓗ ᓄᓇᕗᑦ ᐃᓄᖕᒋᓐᓄᑦ

- ᒐᒪᖕᖓᓂᑦ ᓯᕗᓪᓕᐹᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᖕᒋᓐᓂᒃ ᑲᔪᓯᑎᑕᐅᔪᖃᓚᐅᕐᓯᒪᑎᓪᓗᒍ, ***ᓄᓇᕗᑦ ᐃᓄᖕᒋᑦᑕ ᐃᑲᔪᕐᓯᒐᓱᐊᕐᓂᑐᐃᓐᓇᒥᒍᑦ ᒪᓕᖃᑦᑕᓚᐅᕐᓂᖕᒋᑦ ᐃᖕᒋᕐᕋᑎᑦᓯᒍᑎᐅᓪᓚᓇᓯᒪᔪᑑᒻᒪᑦ ᕿᓚᓗᒐᕐᓂᒃ ᐊᓯᐅᑎᑦᓯᒐᓕᒪᓂᕐᒧᑦ ᓄᓇᕗᒻᒥ. ᑖᒃᑯᐊ ᐊᑭᓛᖃᑦᑕᓇᐊᖃᕐᓯᒪᓕᕐᑐᑦ (ᑰᓇᐅᔭᑎᒍᑦ ᐃᓗᕐᕈᓯᕐᑎᒍᓪᓗ) ᐊᑦᑕᓇᕐᑐᒎᕐᑎᓯᑦᒐᓕᒐᓱᐊᒍᑦ ᕿᓚᓗᒐᕐᓂᒃ ᐊᓯᐅᑎᑦᓯᒐᓕᒪᓂᕐᒥᒃ ᓴᐳᒻᒥᔭᐅᑦᓯᐊᕋᑎᓪᓘᓃᑦ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᓄᑦ;* ᑕᒪᒃᑯᐊ ᐃᓚᖃᕐᓯᑎᓪᓗ ᐊᑭᓕᓐᓂᒃ ᐊᑦᑕᓇᕈᓐᓇᑐᓂᓪᓗ ᐊᐅᓚᒋᐊᖃᕐᓂᒎᓕᖓᔪᓄᑦ ᐅᖓᓯᑦᑐᒧᑦ ᐊᒻᒪᓗ ᑲᔪᓯᑎᑕᐅᑐᐃᓐᓇᒎᕐᑎᓗᒋᑦ ᓄᓇᓕᓐᓄᑦ ᑭᓯᐊᓂ ᑲᒪᒋᔭᐅᑐᐃᓐᓇᒎᕐᓯᑎᒃ;

- ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᐊᑑᑎᔭᐅᒍᓯᒋᓯᒪᔭᖕᒋᑦ ᑕᒪᑦᓯᒧᖓ ᑐᑭᓯᒪᐅᑎᑦᓴᒐᓚᓐᓂᒃ ᑭᓯᐊᓂ ᐱᒐᓯᐊᕐᑎᑐᐃᓐᓇᐅᔮᕐᓯᑎᒃ ᐊᒻᒪᓗ ᐊᖕᒋᕐᑎᐅᓂᕐᒥᒃ/ᐊᑐᓕᕐᑎᓯᔨᐅᓂᕐᒥᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᑐᑭᑖᕐᑕᐅᔪᖃᓇᐊᖃᓕᑐᐊᕐᒪᑦ. ᖃᓄᕐᓘᓃᑦ ᒪᕿᑦᑏᑦ ᖃᓄᐃᓕᐅᖃᑎᒋᔭᐅᓚᐅᕐᓯᒪᖕᒋᑐᑦ; ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᑕᑎᖃᓯᑐᐃᓐᓇᔫᖕᒍᑦᓴᕋᓗᐊᑦ ᒪᑭᕝᕕᑯᓂᒃ, ᐊᖕᒍᕕᒐᒻᒪᓇᒃᑯᓂᓪᓗ, ᐊᒻᒪᓗ, ᖃᒻᒥᐅᓂᕐᓴᑯᑦ, ᓄᓇᕗᑦ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖕᒋᑦᑕ ᑲᑎᒪᔨᖕᒋᓐᓂᒃ ᖃᐅᔨᔭᐅᑎᑦᓯᓕᑐᐊᕋᒥᒃ ᒪᕿᑦᑎᓂᒃ ᖃᐅᔨᓴᕐᑎᒪᓇᓐᓄᑦ ᖃᐅᔨᓴᕐᑕᐅᔪᕕᓂᕐᓂᒃ (ᐃᓚᖃᕐᑐᓂᒃ ᐊᐅᖕᒋᑦᑎᒍᑦ ᕿᒥᕐᕈᒍᑎᕕᓂᕐᓄᐊᖓᔪᓂᒃ ᐱᑦᔪᑕᐅᓗᐊᖕᒍᐊᓯᒪᓂᖃᕐᒪᑕ ᓯᕗᓪᓕᓂᑕᕐᓄᑦ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᐱᑕᖃᕐᑎᑕᐅᑦᓯᑎᒃ ᒪᕿᑦᑎᓄᑦ);

- ᑎᒍᓚᑦᓯᐊᕈᓯᒋᔭᐅᔪᑦ ᐊᑐᕐᑕᐅᖃᔪᕐᓂᓇᓕᕐᑕᖕᒋᑦ ᐱᐅᓯᑐᖃᕐᑎᒍᓪᓗ ᐃᓪᓕᓇᔭᐅᔪᐃᑦ ᐊᓯᐅᑎᑕᐅᓕᕐᓂᖕᒋᑦ ᐅᒣᓕᑎᑕᐅᓂᕐᓗᓯᒪᓕᕐᑐᑦ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐸᕐᓇᓯᒪᐅᑎᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᐱᑦᔪᑎᒋᔭᐅᒻᒥᓯᓂ ᐃᓱᐃᓪᓕᖓᐅᑎᒋᔭᐅᔪᓂᒃ ᐃᐸᐱᓂᐊᕈᑕᐅᑦᓯᓂ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᓄᓪᓗ ᓄᓇᕗᑦ ᐃᓄᖕᒋᓐᓄᓗ. ᑕᒪᒃᑯᓄᖓ ᑰᑕᓕᐊᖕᒍᓯᒪᔪᓄᑦ ᐊᒥᓱᑦ ᒪᕿᑦᑏᑦ ᐅᐃᒪᓇᕐᓯᒪᒍᑦᔭᐅᔪᓇᓯᔨᑦ ᑎᒍᓚᒋᐊᖃᓇᐊᒥᒃ ᑕᒪᒃᑯᓂᖓ ᓄᓇᓕᖕᒋᓐᓄᑦ ᐊᒡᒍᑐᕐᑕᐅᒪᔪᓂᒃ, ᓄᖕᒍᓚᐅᕐᑎᓇᒋᑦ. ᐅᑎᒻᒪᑦ, ᐊᖕᒍᓇᓯᒐᓱᐊᓕᑐᐊᕋᒥᒃ ᐱᒐᓯᐊᓪᓚᓇᓐᓂᔭᐅᔨᖕᒍᓚᕐᑐᑦ ᓯᕗᓂᐊᒎᓯᒪᕐᒥᑦ. ᑕᒪᑦᓯᒧᖓ ᓄᐃᑕᐅᔪᖃᕐᓯᒪᓕᕐᑐᖅ ᓄᑖᓂᒃ ᐆᒪᔪᕐᓂᐊᕈᓯᕐᓂᒃ, ᐃᓚᖕᒋᑦ ᐅᕐᑯᒣᓪᓕᐅᕈᑕᐅᒍᓐᓇᔫᖕᒍᓚᕐᑐᓂᒃ ᕿᓚᓗᒐᕐᓄᑦ ᐊᒻᒪᓗ ᐱᓂᕐᓴᐅᑎᑦᓯᓗᓂ ᐊᑦᑐᑕᐅᔪᓂᒃ ᐊᓯᐅᔨᔭᐅᔪᓂᓪᓗ ᕿᓚᓗᒐᕐᓂᒃ. ᐃᓚᖓᑎᒍᑦ, ᐊᓯᕐᕿᑐᐃᓐᓇᔫᖕᒍᓚᕐᑐᑦ ᐊᕕᖃᑎᖃᕐᑎᓪᓘᓃᑦ ᐱᔭᕐᒥᓂᒃ. ᐃᓗᓐᓈᑎᒍᑦ, ᐃᓄᐃᑦ ᐃᓗᕐᕈᓯᖓᓗ ᐱᐅᓯᑐᖃᖕᒋᓪᓗ ᓱᕐᕋᑕᐅᓕᕐᑐᑦ.

  - ᐱᑦᔪᑕᐅᔪᓂᒃ ᒪᑯᓂᖓ ᐊᓯᕐᕿᒐᓕᑎᑦᓯᒪᓂᕐᒥᒃ, ᐊᖕᒍᓇᓯᒍᑎᑦᓯᐊᖕᒍᓂᕐᓴᕐᑲᕐᓗᓂ, ᐊᐅᓚᑦᓯᓯᐊᕐᓂᓴᐅᓂᖃᕐᓗᓂ, ᐊᓯᖕᒋᓐᓂᓗ. ᑕᒪᒃᑯᐊ ᑲᒪᒋᔭᐅᒍᓐᓇᕕᖃᕐᒪᑕ ᓄᓇᓕᑦᑎᒍᑦ ᓄᓇᓕᓕᒫᑎᒍᓪᓗ ᐊᒻᒪᓗ ᐃᓚᐅᑐᐊᕐᐸᑕ ᑲᑦᒪᒃᑯᑦ ᑐᑭᑖᓇᒐᓱᐊᕐᓂᐊᓗᒋᑦ ᓇᒻᒪᖕᒋᑦᑑᓚᖓᑦᓯᓂ.

ᐊᑐᓕᕐᑎᓯᓂᕐᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖅᑲᕐᓂᒧᑦ ᓴᖅᒍᑎᑦᓯᒋᐊᒻᒪᓇᐅᑎᖏᓐᓂᒃ

ᑕᒪᓐᓇ ᓴᖅᒍᑎᑦᓯᓂᐅᒋᐊᖃᓕᕐᑐᖅ ᐊᑑᑎᔭᐅᔪᓂᑦᓗ ᑲᒪᒋᔭᐅᔪᓂᑦᓗ ᐊᕐᕕᑎᑦᓯᒋᐊᕈᑕᐅᓗᓂ ᐃᓱᐃᑦᓕᖕᒐᓯᒪᓕᕐᑐᓂᒃ ᐊᒥᓱᒻᒪᓇᓐᓂᒃ ᐊᕐᕌᒍᕐᓂᒃ, ᖃᓄᐃᓕᐅᖃᑎᒋᕐᕕᖃᔪᓕᕋᑦᓯᑎᐊᓪᓛᑦ. ᑖᒃᑯᐊ ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᑦ ᖃᐅᔨᓴᕐᑎᒪᓇᖏᓪᓗ ᑲᒪᔨᒻᒪᓇᖏᓪᓗ ᐅᐸᐱᓇᔭᖃᑦᓯᐊᑑᔮᓚᖓᒪᒥᒃ ᓯᓇᐅᑎᑦᓯᒍᓐᓄᓗᑎᓪᓗ ᐊᓯᑦᔨᑕᐅᕐᑯᔭᑦᑎᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐊᓯᐅᑎᑦᓯᒐᓕᒪᓂᕐᒥᒃ ᐊᑐᕐᓂᖃᑦᓯᐊᓚᖓᔪᓇᔭᐅᖅᖏᓯᑎᒃ, ᑖᒃᑯᐊ ᐅᖃᑐᐃᓐᓇᓇᐊᖃᓚᖓᒻᒥᔪᑦ ᒫᓐᓇᑯᑦ ᑲᒪᒍᓯᓕᐊᖅᒍᓯᒪᔪᑦ ᐊᑐᕐᓂᖃᑦᓯᐊᖏᑦᑑᒋᐊᖏᓐᓄᑦ. ᒪᑭᕝᕕᑯᑦ ᐅᐸᐱᓇᔭᖃᕐᒪᑕ ᐱᐅᓂᕐᓴᐅᓚᖓᓕᓇᐊᖓᓄᑦ ᑕᒪᒃᑯᐊ ᒫᓐᓇᑯᑦ ᐊᑑᑎᔭᐅᒐᓯᐊᓕᕐᑐᑦ ᓈᑕᐅᓕᕐᐸᑕ ᑲᒪᒋᔭᖃᕐᓃᑦ ᐃᓄᓐᓈᔭᕐᓗᒋᑦ.

ᒪᑭᕝᕕᑯᑦ ᑲᔪᓯᑎᑦᓯᖅᒍᓯᒐᓗᐊᕐᓯᑎᒃ ᓄᑖᒥᒃ ᐊᐅᓚᑦᓯᒪᓇᒍᓯᑦᓴᓂᒃ ᓄᓇᕕᒻᒧᑦ, ᐃᒣᓕᒋᐊᕐᑯᔨᒍᑏᑦ ᑕᒃᑯᑎᒎᓇᕐᑐᑦ ᑲᔪᓯᑎᑕᐅᒋᐊᓖᑦ ᑖᒃᑯᑎᒎᓇ ᓄᐃᑕᒋᕐᑐᑯᑦ ᑐᖅᖓᕕᓕᐊᖅᒍᓯᒪᔪᒃᑯᑦ ᐊᒻᒪᓗ ᐱᑦᔪᔨᕕᓐᓄᑦ ᑎᒥᐅᔪᕐᓄᓗ ᒫᓐᓇᑯᑦ ᑎᓕᔭᐅᒪᔪᓂᒃ ᐊᑑᑎᔭᐅᒋᐊᖃᕐᓂᖅᒋᓐᓄᑦ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᓄᓇᕕᒻᒥ. ᑕᒪᓐᓇ ᐱᓪᓗᒍ, ᑕᒪᒃᑯᐊ ᐊᖅᒍᕕᒐᒻᒪᓇᒃᑯᓄᓪᓗ ᐊᖅᒍᕕᒫᐱᒃᑯᓗ ᐊᑐᕐᑕᐅᓚᓇᐊᓗᒋᐊᖃᓕᕐᑐᑦ ᓇᓗᓐᕐᑕᐅᔪᖃᕐᑎᓗᒍ ᓇᒻᒪᒋᔭᐅᓂᕐᐸᐅᔪᒥᒃ ᐊᑐᕐᓂᖃᑦᓯᐊᓂᕐᐸᐅᔪᒥᓪᓗ ᐊᑑᑎᔭᐅᓂᐊᕐᑐᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐊᒻᒪᓗ ᐱᕕᖃᕐᑎᑕᐅᑦᓯᐊᓇᐊᖃᕐᓯᑎᒃ ᑲᔪᓯᑎᑦᓯᓯᐊᕈᑎᑦᓴᖅᒋᓐᓄᑦ ᑕᒪᒃᑯᓄᖓ ᑐᑭᑖᕐᑕᐅᔪᓄᐊᖓᔪᓂᒃ ᓄᓇᓕᑦᑎᒍᑦ/ᓄᓇᓕᓕᒫᑎᒍᑦ. ᐱᓗᐊᕐᑐᒥᒃ, ᑕᒪᓐᓇ ᑐᑭᖃᕐᒪᑦ ᐱᕕᖃᕐᑎᑕᐅᓯᐊᕐᓗᑎᒃ ᑲᔪᓯᑎᑦᓯᒍᓐᓇᐅᑎᒋᓂᐊᕐᑕᖏᓐᓄᑦ ᐊᑑᑎᔭᐅᒋᐊᓕᖏᓐᓂᓗ ᑲᒪᒋᒋᐊᓕᖏᓐᓂᓗ ᑖᒃᑯᐊ ᓄᓇᑖᕐᓂᒧᑦ ᐊᖏᖃᑎᒌᒍᑎᐅᓯᒪᔪᐃᑦ ᐊᑖᒍᑦ, ᐃᓚᖃᕐᑐᓂᒃ ᒪᓕᒐᖃᕐᑎᓯᓂᕐᒧᑦ ᑎᒍᓚᒍᓯᕐᓄᑦ ᐊᒻᒪ,ᓗ ᐊᑐᕐᓂᒧᑦ ᑰᑕᖃᖅᖏᑐᓂᒃ ᐱᔭᐅᑎᑕᐅᒍᓐᓇᑐᓂᒃ (ᐅᑦᑑᑎᒋᓗᒍ ᑲᔪᓯᑎᑦᓯᓂᒃᑯᑦ ᐱᕐᑯᔮᐱᓐᓂᒃ). ᒪᑭᕝᕕᑯᑦ ᓴᐳᒻᒥᓚᖓᔪᑦ ᑕᒪᒃᑯᓄᖓ ᐊᔪᐃᓐᓇᕈᑕᐅᔪᓂᒃ ᐅᐸᐱᓇᔭᖃᕐᓯᓂᓗ ᑲᓇᑕᐅᐸ ᑲᑦᒪᖓᓂᒃ ᐃᓕᑕᓇᔭᖃᕐᓂᐊᓇᐊᖓ ᑕᒪᒃᑯᐊ ᓴᐳᒻᒥᒍᑎᐅᒐᓯᐊᕐᓯᒪᔪᑦ ᑕᒪᒃᑯᓂᖓ ᑎᒥᐅᔪᕐᓂᒃ ᓯᕗᓂᐊᒎᓯᒪᔪᕐᒥ ᓇᒻᒪᖏᑦᑐᒪᓇᐅᓯᒪᒋᐊᖏᓐᓄᑦ ᑲᔪᓯᑎᑦᓯᓯᐊᖏᑦᑑᓚᕿᒍᑎᐅᑦᓯᑎᒃ.

ᑕᒪᑦᓯᒥᖓ ᐊᑑᑎᔭᐅᓂᐊᕐᑐᒥᒃ ᑲᔪᓯᑎᑕᐅᔪᖃᕋᓯᐊᓕᕐᐸᑦ, ᑎᒥᐅᔪᓕᒫᑦ ᒫᓐᓇᑯᑦ ᐃᓚᐅᕐᑲᑕᐅᔪᐃᑦ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ (ᐅᑯᐊ ᒪᑭᕝᕕᒃ, ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᑦ, ᐊᖅᒍᕕᒻᒪᓇᒃᑯᑦ, ᐊᖅᒍᕕᒫᐱᒃᑯᑦ) ᑲᑎᒪᓂᖃᓇᐊᖃᓕᕐᑐᑦ ᓇᓗᓐᕐᑕᐅᔪᖃᕐᓂᐊᑎᓪᓗᒍ ᓇᓪᓕᐊᓂᒃ ᖃᐅᔨᒪᒍᑎᓂᒃ ᐃᐸᐱᒋᔭᐅᔪᖃᕐᑐᓴᐅᒻᒪᖓᑦ ᑲᒪᒍᑎᒋᓗᒋᑦ ᑕᒪᑦᓯᒥᖓ ᐃᓄᓐᓄᑦ ᐱᒋᐊᕐᑎᑕᐅᔪᒥᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐊᔪᐃᓐᓇᕐᓯᐊᕈᑕᐅᔪᑦ ᑲᔪᓯᑦᓯᐊᕐᓗᐊᕐᒪᖓᑕ. ᑕᑯᓐᓈᓯᒍ ᑕᒪᓐᓇ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᐅᓯᒪᔪᖅ ᓄᓇᕕᒻᒥ, ᓂᓇᐅᑦᑐᒍᑦ ᐃᓕᑦᓯᒍᑕᐅᔪᖃᓚᖓᒋᐊᖓᓄᑦ ᑲᔪᓯᑎᑕᐅᔪᖃᓕᕐᐸᑦ ᐃᓄᓐᓄᑦ ᐱᒋᐊᕐᑎᑕᐅᒪᔪᒥᒃ ᑲᒪᒋᔭᖃᕐᓂᒥᒃ. ᑎᒥᒻᒪᑦ ᐱᒻᒪᓇᐅᓂᖃᓕᕐᑐᖅ ᑎᒥᐅᔪᓕᒫᑦ ᐊᖏᖃᑎᒌᐸᐸᑕ ᓇᓪᓕᖏᑦ ᓇᒻᒪᑑᒻᒪᖔᑕᓗ ᓇᒻᒪᖏᑦᑑᒪᖔᑕᓘᓐᓃᑦ, ᖃᓄᐃᓕᐅᕈᑕᐅᒋᐊᖃᕐᑐᑦ ᐃᐸᐱᒋᔭᖃᕐᓂᒧᑦ/ᕿᒥᕐᕈᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐅᓪᓗᓇᔭᐅᓂᐊᕐᑐᓂᒃ ᑎᒥᓕᐅᕐᑕᐅᓂᖅᒋᓐᓄᑦ.

ᒪᑭᕝᕕᑯᑦ ᓄᐃᑦᓯᓕᕐᑎᓗᒋᑦ ᐃᓄᓐᓄᑦ ᐱᒋᐊᕐᑎᑕᐅᔪᒥᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐊᐅᓚᑦᓯᒪᓇᐅᑎᑦᓴᓂᒃ, ᑕᓇᐅᕐᒥᐅᑕᓕᓇᔨᒃᑯᓗ ᓄᓇᕕᐅᑉ ᐆᒪᔪᓕᓇᔨᕐᔪᐊᖏᓪᓗ ᐅᕝᕙᓘᓐᓃᑦ ᑲᑎᕕᒃ ᓄᓇᓕᓕᒫᑦ ᑲᕝᒪᖏᑦᑕ

ᐆᒪᔪᐃᑦ ᑲᒪᔨᖏᓐᓂᒃ ᐱᒻᒪᕆᐅᓂᖃᕐᑐᒥᒃ ᐊᑐᕐᓂᖃᕈᓐᓇᓚᖓᖏᓐᓇᑐᑦ. ᑭᓯᐊᓂᓕ, ᓇᐅᑦᓯᑐᕐᑕᐅᔪᖃᓪᓚᕆᐊᓕᒃ ᐊᑐᓂᑦ ᑎᒥᐅᔪᐃᑦ ᐊᑐᕐᑕᐅᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᓱᕐᖁᐃᑕᐅᔪᖃᕐᓗᓂ ᐱᕕᖃᕐᑎᓯᑦᓯᐊᕈᓐᓇᕆᐊᖏᓐᓄᑦ ᑲᔪᓯᑎᑦᓯᓗᑎᒃ ᐱᔭᑦᓴᑖᕆᓯᒪᔭᕐᒥᓂᒃ.

ᑭᐅᒪᐅᑎᓃᑦ ᐊᑯᓐᓂᖓᑎᒍᑦ, ᐊᑐᓕᕐᑎᓯᓂᕐᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᐅᑉ ᐊᑐᕐᑕᐅᓂᖏᑦ ᐊᒻᒪᓗ ᐱᔪᓐᓇᓯᑎᑕᐅᓂᐊᕐᓂᖏᑦ ᐅᖄᒍᑕᐅᒋᐊᓖᑦ ᐊᑯᓂ. ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᐱᓇᓱᑦᑎᖏᑦ ᐊᑐᕐᑕᐅᓂᕐᓴᐅᒐᓱᐊᕐᓯᒪᓕᕋᓗᐊᕐᑎᓗᒋᑦ ᐃᓕᓐᓂᐊᑎᑦᓯᓂᕐᒧᓗ ᑐᓴᐅᒪᑎᑦᓯᓂᕐᒧᓗ, ᑕᒪᒃᑯᐊ ᓱᓇᒋᔭᐅᓪᓗᐊᑎᑕᐅᑦᔭᖏᑦᑐᑦ ᐊᑐᓕᕐᑎᓯᒍᓯᖏᑦᑕ ᐱᓂᐊᕐᓂᓇᓲᖏᓐᓄᑦ (ᐅᑉᑯᓘᓐᓃᑦ ᐱᓂᐊᕐᓂᖃᓲᖕᒍᖏᑑᓂᖏᓐᓄᑦ, ᓇᓪᓕᐊᒍᑐᐃᓐᓇᑯᑦ). ᐆᒪᔪᐃᑦ ᑲᒪᔨᖏᑦ ᑮᓇᐅᔭᖃᕐᑎᑕᐅᑦᓯᐊᖏᑦᑐᐃᑦ ᓱᓕ, ᑎᓕᔭᐅᒪᒍᑎᖏᓪᓗ ᐱᕕᑦᑑᑎᑕᐅᑦᓱᑎᒃ ᐊᒻᒪᓗ ᐃᓚᐅᑎᑕᐅᓪᓚᓇᐊᓗᖕᖏᑑᑦᓯᑎᒃ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ. ᑕᒪᒃᑯᐊ ᐊᖑᕕᒐᒻᒪᓇᒃᑯᓗ ᐊᖑᕕᒑᐱᒃᑯᓗ ᐊᑐᕐᓂᖃᓪᓚᓇᒋᐊᓖᑦ ᓇᓗᓄᕐᑕᐅᔪᖃᓕᕐᐸᑦ ᖃᓄᖅ ᑎᒍᓚᔪᑦᓴᐅᒪᖕᒑᑕ/ᔪᑦᓴᐅᖏᒻᒪᖕᒑᑕ ᓱᓕ ᐃᓕᑕᓇᔭᐅᔪᕐᑎᒍᑦ ᐊᑐᕐᓂᖃᕐᑎᑕᐅᖏᑐᑦ ᐊᑐᓕᕐᑎᓯᓂᕐᒧᑦ (ᐊᑐᓕᕐᑎᓯᒍᓐᓇᕋᓗᐊᕐᓯᑎᒃ ᑭᖕᖕᒎᒪᒋᔭᐅᓕᕐᑐᓄᐊᖓᔪᓄᑦ). ᐊᑐᓕᕐᑎᓯᒍᑎᐅᓲᓕᒫᑦ ᕿᒥᕐᕈᔭᐅᓪᓚᓇᒋᐊᖃᓕᕐᑐᑦ. ᑕᒪᓐᓇ ᐊᑐᕐᑕᐅᔪᕐᓂᓗ ᑲᒪᒋᔭᐅᒋᐊᓕᓐᓄᓗ ᑭᓯᐊᓂᐅᓂᖃᖕᖏᒪᑦ, ᑭᓯᐊᓂᓗ ᐊᑐᓕᕐᑎᓯᓂᐅᑉ ᑐᕋᖓᖏᓐᓄᓗ ᐊᒻᒪᓗ ᓇᒻᒪᓯᐊᕐᓂᐸᐅᓂᐊᕐᑐᓂᒃ ᐱᔪᓐᓇᓯᑎᑕᐅᖓᓯᐊᓕᕈᑎᒃ.

ᐊᒻᒪᓗᑦᑕᐅᖅ, ᑖᒃᑯᐊ ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᕐᑎᒪᕆᖏᑦ ᐃᓚᐅᖃᑕᐅᓂᕐᓴᐅᒋᐊᖑᑦ ᑲᒪᒋᔭᐅᔪᖃᕐᑎᓗᒍ ᑐᑭᓯᒪᐅᑎᑦᓴᖃᑦᓯᐊᖏᑦᑑᓂᐅᓲᕐᒥᒃ ᐊᒻᒪᓗ ᑐᑭᓯᑎᑦᓯᒋᐊᕐᓂᖃᑦᓯᐊᓂᐅᓲᖕᒍᖏᑐᒥᒃ ᓄᓇᑯᓐᓂᒃ ᐊᒻᒪᓗ ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᐃᓚᐅᖃᑕᐅᔪᓂᒃ ᐱᔭᕆᐊᖃᑦᓯᐊᕆᐊᖃᕐᓂᑎᒍᑦ. ᓄᓇᕕᒻᒥ ᖃᐅᔨᓴᕐᓂᐅᒋᐊᖑᑦ ᐅᓪᓗᓕᐅᕐᑕᐅᒪᓯᑐᐃᓐᓇᐸᒻᒥᔪᑦ ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᓄᑦ, ᖃᓄᐃᓕᒍᑎᖃᒐᓛᐱᑐᐃᓐᓇᑎᓪᓗᒋᑦ ᓄᓇᕕᐅᑉ ᐃᓄᖏᑦ. ᓯᕗᓂᐊᒍᑦ ᐊᔪᐃᓐᓈᕆᔭᐅᓯᒪᔪᑦ[8,9] ᑕᑯᑦᓴᐅᑎᑦᓯᓯᒪᔪᑦ ᐃᓕᑕᕆᔭᐅᔪᖃᕈᓐᓇᑎᓪᓗᒍ ᖃᐅᔨᓴᕐᑕᐅᒋᐊᓕᓐᓂᒃ ᐊᖏᖃᑎᒌᓪᓗᑎᓪᓗ ᖃᓄᖅ ᑲᒪᒋᔭᐅᓂᖃᕐᓂᐊᒪᖕᒑᑕ. ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᐃᓱᒪᑦᓴᓯᐅᓇᐊᖃᓕᕐᑐᑦ ᑮᓇᐅᔭᖃᕐᑎᓯᓂᕐᓴᐅᒋᐊᖃᕐᓂᒥᓄᑦ ᓄᓇᕕᒻᒦᑐᓄᑦ ᖃᐅᔨᓴᕐᑕᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓄᓇᕐᑯᑎᑦᑎᓂᒃ ᓯᕗᓪᓕᐸᐅᑎᑦᓯᓯᒪᒋᐊᖃᕐᓯᑎᒃ. ᐅᑦᑑᑎᒋᓗᒍ, ᑲᒪᒋᔭᖃᕐᓂᒧᑦ ᑐᖕᖓᕕᒋᔭᐅᑎᑕᐅᓯᒪᓕᕐᑐᑦ 2014-ᒥᓂᑦ ᑐᖕᖓᕕᖃᓗᐊᖑᐊᓯᒪᔪᑦ ᐊᐅᖏᑦᑎᒍᕐᑐᐃᑦ ᖃᐅᔨᒪᔭᐅᒍᑎᖏᓐᓂᒃ ᓱᓕ ᕿᒥᕐᕈᔭᐅᓂᖏᓪᓗ ᑭᐅᒍᑎᖃᕐᓂᖏᓪᓗ ᐊᑯᓂᕿᓗᐊᕐᐸᖏᓐᓇᑐᑦ ᑕᕆᐅᕐᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᑲᑎᑦᔨᓂᒃᑯᑦ ᕿᒥᕐᕈᔭᐅᔪᖃᕐᓇᐊᓪᓚᓇᓚᐅᕐᓯᒪᔪᖃᕐᓇᓯᓂ ᑕᒪᒃᑯᓂᖓ ᐊᐅᖏᑦᑎᒍᑦ ᑐᑭᓯᒪᐅᑎᑦᓴᓕᐊᖑᓯᒪᔪᓂᒃ, ᐊᑯᓂᕿᓗᐊᓲᖕᒍᓂᖏᓐᓄᓗ ᐊᒻᒪᓗ ᑲᒪᒋᔭᐅᒍᓯᖏᓐᓄᑦ. ᑕᒪᒃᓄᖓ ᑐᑭᓯᒪᐅᑎᑦᓴᑦ ᐊᐅᓚᑦᓴᓴᐅᑎᒋᑐᐃᓐᓇᕆᐊᖃᕐᓇᔭᕐᑐᑦ ᕿᓚᓗᒐᕐᓂᒃ ᑲᒪᒋᔭᖃᕐᓂᒥᒃ.

[8] Archéotec Inc. 1990. ᑲᔪᓯᑎᑕᖏᑦ - ᕿᓚᓗᒐᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᓂᐊᕈᓯᖓᑦ ᑰᔾᔪᐊᕋᐱᒻᒥ, ᔪᓗ 30-ᒥᑦ ᐊᐅᒍᔅᑎ 03-ᒧᑦ 1990-ᒥ. ᒪᓐᑐᔨᐊᒥ, ᑯᐯᒃ 125 ᒪᔅᐱᑕᓖᑦ.

[9] Smith, T.G. 1996 (?).ᖃᐅᔨᓴᕐᓂᒧᑦ ᑲᒪᒋᔭᖃᕐᓂᒧᓪᓗ ᑯᐯᒃ ᑕᕐᖓᓃᑦᑐᓂᒃ ᕿᓚᓗᒍᑦ ᐅᓄᕐᓂᖏᓐᓂᒃ: ᑕᓪᓕᒪᓄᑦ ᐊᕐᕋᒍᕐᓄᓕᖓᔪᑦ, Eco Marine Corp., Ladysmith, B.C. 58

ᐃᓱᒪᒋᔭᐅᓕᕐᑐᓄᑦ

ᓄᓇᕗᐅᑉ ᐃᓄᖕᒋᑦ ᑭᓪᓕᖅᑲᑦᓯᐊᓱᑎᒃ (ᓂᐸᖅᑲᓱᑎᓪᓗ) ᐅᖅᑲᕐᓯᒪᓕᕐᑐᑦ ᑕᒪᒃᑯᐊ ᐃᓱᐃᓪᓕᐅᕈᑎᒋᓲᖕᒋᑦ ᑕᒪᑦᓱᒧᖕᒐ ᑰᑕᖅᑲᕐᑐᑕᓕᒪᒥᒃ ᑲᒪᒋᔭᖅᑲᕐᓂᒧᑦ ᕿᓚᓗᒐᕐᓂᒃ ᓄᓇᕗᒻᒥ ᑲᑕᑐᐃᓐᓇᓇᐊᖅᑲᓕᓇᐊᖅᒋᓐᓄᑦ. ᐊᒥᓲᓂᒃ ᒪᓕᑦᑐᖅᑐᐃᓐᓇᓚᖕᒐᒍᓇᐅᕈᓐᓄᓱᓂᓗ ᑐᕐᖅᑕᕐᕕᒧᑦ ᖅᓄᐃᓕᒐᓱᐊᕈᑕᐅᔪᓂᒃ ᐊᓱᐅᑎᑦᓯᒌᓕᒪᒐᓱᐊᕈᑕᕐᓄᑦ ᑕᓱᐅᔭᕐᔪᐊᑉ ᖃᕝᕚᖅᒐᓂᖅᒐᓃᓲᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐊᑭᓕᕐᑐᑕᐅᔪᓂᒃ ᐃᓄᐃᑦ ᑎᒍᓚᒍᓐᓇᕕᖅᑲᕐᓂᖅᒋᓐᓄᑦ. ᑕᒪᒃᑯᓄᖅᒐ ᑐᑭᑖᓇᔭᐅᒪᔪᑦ ᓄᐃᑕᑎᑦᓯᓕᕐᑐᑦ ᓱᒃᑯᑎᓇᓂᖅᑲᕐᑎᓗᒋᑦ ᐃᓄᐃᑦ ᐃᓪᓕᓇᔭᖅᒋᓐᓂᓗ ᐱᐅᓯᑐᖅᑲᖅᒋᓐᓂᓗ, ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᐅᖅᑲᑦᓯᐊᓱᒪᓕᕐᓱᑎᒃ ᓯᕗᓕᕐᓯᒋᐊᖅᑲᓕᓇᐊᒥᒃ ᓯᕗᒧᐊᕈᑕᐅᓂᐊᕐᑐᓄᑦ.

ᒪᑭᕝᕕᑯᑦ ᓴᐳᒻᒥᓯᐊᕐᑐᑦ ᑕᒪᑦᓱᒧᖕᒐ ᖃᓄᐃᓕᖅᒐᒍᑕᐅᓕᕐᓂᖅᒐᓂᒃ ᓈᒋᐊᕐᕕᖅᑲᑦᓴᐅᑎᒋᓗᓂᓗ ᑕᒪᑦᓱᒪᖅᖅᒐᑦ ᑰᑕᖅᑲᕐᑎᓯᓂᕐᒥᒃ ᑲᒪᒍᓯᕐᒥᒃ ᓇᓪᓕᐊᓂᑐᐃᓐᓇᖅ ᓄᓇᓕᓐᓄᑦ ᐊᓱᐊᒍᕐᑎᓯᒍᑕᐅᒍᓐᓇᑐᕐᑎᒍᑦ ᓱᕐᖽᒍᑎᐅᓂᐊᕐᑐᓂᒃ ᐊᓱᐅᑎᑦᓯᒌᓕᒪᓂᕐᒧᑦ ᐱᑦᔪᑎᖅᒐᓂᒃ. ᓄᓇᓕᓪᓗ ᓄᓇᓕᓕᒫᓪᓗ ᑎᒥᕐᑯᑎᖅᒋᑦ ᑎᓕᔭᐅᒪᔪᑦ ᒪᓕᒐᖅᑲᕐᑎᓯᒋᐊᖅᑲᓇᐊᒥᒃ ᐊᖑᓇᓱᒍᓯᕐᓂᒃ ᓄᑭᖅᑲᕐᑎᑕᐅᒋᐊᓖᑦ ᒐᒃᓕᐅᕈᓐᓇᐅᑎᑦᓴᖅᒋᓐᓄᑦ.

ᓇᒻᒪᓯᓯᒪᓕᕐᑐᖅ ᓈᕝᕕᖅᑲᓕᕈᓂ ᑰᑕᖅᑲᕐᑎᓯᔪᒥᒃ ᑲᒪᒍᓯᕐᒥᒃ ᐊᒻᒪᓗ ᒪᑭᕝᕕᑯᑦ ᐃᓱᒫᓗᒋᔭᖅᑲᕐᓂᓴᐅᑦᓱᓂ ᑕᒪᓐᓇᐅᖅᒋᑐᐊᕐᐸᑦ ᓱᒃᑯᐃᓕᐅᒥᒍᑕᐅᑐᐃᓐᓇᓇᖅᒐᒻᒪᑦ ᑕᓱᐅᔭᕐᔪᐊᑉ ᖃᕝᕚᖅᒐᓂᖅᒐᓃᓲᓂᒃ ᕿᓚᓗᒐᕐᓂᒃ ᐊᑯᓂᕐᑐᑯᑦ ᒫᓐᓇᑰᖅᒋᑐᖅ ᑲᔪᓯᑎᑕᐅᔪᖅᓕᕐᐸᑦ ᓄᑖᒥᒃ, ᐃᓄᓐᓄᑦ ᐱᒋᐊᖅᒐᕐᑎᑕᐅᔪᒥᒃ ᐊᑑᑎᒐᑦᓴᐅᓂᐊᕐᑐᓂᒃ.