## <u>(ᐃᓚᒋᐊᕈᑕᐅᔪᖅ) ᑐᓂᔭᐅᔪᖅ</u>

## <u>ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᓐᓄᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ ᐊᒻᒪᓗ</u>
## <u>ᓄᓇᕕᒻᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ</u>

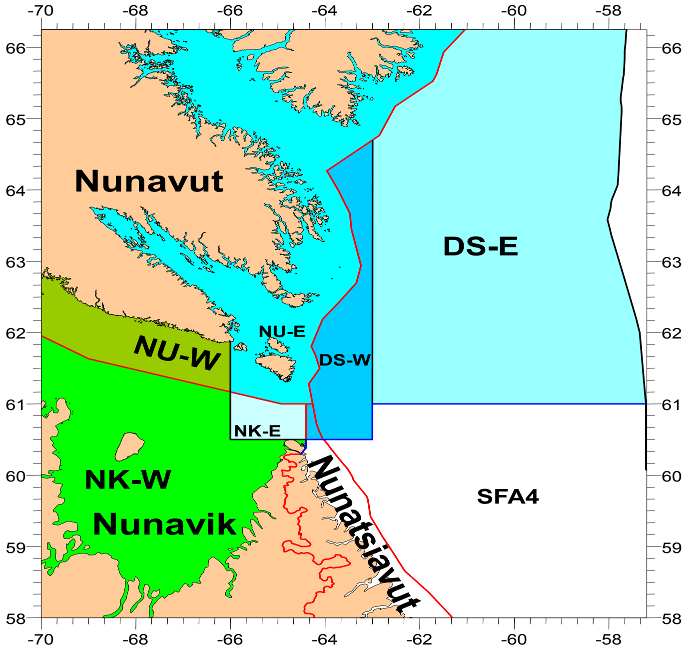
## <u>ᑖᔅᓱᒧᖓ</u>

**ᑐᑭᓯᒋᐊᕈᑎ:** **ᐃᓱᒪᓕᐅᕈᑎ: X** **ᐃᒪᓐᓇᖅᑑᑏᑦ: X**

**ᐱᓇᐃᓗᑕᖅ:** **ᑲᑎᓗᒃᑖᕐᓗᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᖁᕝᕙᓯᓕᕇᖑᑐᔪᑦ ᒪᑯᓄᖓ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ (ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓖᕐ) ᐊᒻᒪᓗ ᑕᖅᓴᓃᑦ (ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ) ᑭᖑᒃᐸᙳᓄᑦ ᐊᕿᒎᒧᑦ 2021-2022 ᑭᖑᒃᐸᕕᓯᖕᓇᒧᑦ ᑕᐅᕙᓂ ᐱᓇᓐᓇᖕᒐᓂᑦ ᐊᒻᒪᓗ ᑲᓇᓐᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᒧᑦ ᐃᓃᑦ**

<u>**ᓄᓇᙳᐊᖅ:**</u>
ᑐᖑᔪᖅᑐᑦ ᐃᓃᑦ – ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᒧᑦ ᐃᓃᑦ
ᐆᔭᐅᔭᖅ ᐃᓃᑦ – ᐱᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓃᑦ

**ᐅᑭᐅᖅᑕᖅᑐᒥ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᑦ**



ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᑭᖑᒃᐸᐃᑦ
(ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓖᔅ [Pandalus borealis])

ᑕᖅᓴᓃᑦ ᑭᖑᒃᐸᐃᑦ
(ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ [Pandalus montagui])

***<u>ᖃᓄᐃᓕᖓᓂᖓ</u>***

ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ (DFO) ᑐᓂᓯᓚᐅᖅᐳᑦ ᑐᑭᓯᒋᐊᕈᑎᒥᒃ ᓄᓇᕗᕐᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ (NWMB) ᐊᒻᒪᓗ ᓄᓇᕕᒻᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ (NMRWB) (ᑲᑎᒪᔨᓄᑦ) ᕕᕈᐊᕆ 2021−ᒥ ᐃᓂᒥᒃ ᑎᒍᒥᐊᕐᓂᕐᒧᑦ ᑲᑐᔾᔨᓪᓗᑎᒃ ᐃᓱᒪᓕᐊᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᔪᓂᑦ 2021-22−ᒧᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᑭᓪᓕᐅᔪᓄᑦ ᒪᕐᑮᖕᓄᑦ ᐆᒪᔪᐃᑦ ᑭᖑᒃᐸᕐᓂᑦ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ (WAZ) ᐊᒻᒪᓗ ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖓᓂ (EAZ).

ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᖃᓄᐃᓕᖓᓂᐅᔪᑦ 2020−ᒥ ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ−ᐅᑭᐅᖅᑕᖅᑐᒥ ᑭᖑᒃᐸᕐᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᕐᒧᑦ ᑐᙵᕕᐅᔪᒥ ᖃᔅᓯᒐᓚᖕᓂ ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᖕᓂᖏᓐᓂᑦ ᖃᐅᔨᓴᐃᓂᖅᕝᕐᒥ ᐅᖃᐅᔾᔨᓇᔭᖅᑐᒥ ᐃᓱᒪᓕᐅᓇᓂᐅᔪᒥ ᐊᑐᐃᓐᓇᐅᓚᐅᙱᒻᒪᑕ ᑕᐃᔅᓱᒪᓂ ᑐᓂᓯᓂᐅᔪᒥ. ᖃᓄᐃᓕᖓᓂᐅᔪᓂ ᑲᓇᑕᒥ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐅᖃᐅᔾᔨᔨᐅᔪᑦ ᑎᑎᕋᕐᕕᖓᓂ(CSAS) ᐃᓂᖓᓂ ᐱᓕᓇᖃᑎᒋᔭᒥᓂᑦ ᕿᒥᕐᕈᔭᐅᓂᖓᓂ ᐱᓇᓱᐊᕈᓯᐅᔪᒥ ᕕᕈᐊᕆ 22, 2021−ᒥ, ᐊᑐᐃᓐᓇᐅᓕᖅᐳᑦ ᐊᒻᒪᓗ ᑐᓂᔭᐅᓂᐊᖅᓱᑎᒃ ᐅᕘᓇ ᐃᓚᒋᐊᕈᑕᐅᔪᒥ (ᐅᐃᒍᓯᒪᔪᖅ 1; ᐅᐃᒍᓯᒪᔪᖅ 2).

ᐅᓇ ᐃᓚᒋᐊᕈᑕᐅᔪᖅ ᑐᓂᓯᕗᖅ ᑲᑎᒪᔨᓄᑦ ᑐᓴᒐᒃᓴᓂ ᐱᔭᕆᐊᓕᖏᓐᓂ ᑐᓂᓯᓂᕐᒧᑦ ᐅᖃᐅᔾᔨᓂᐅᔪᒥ ᒥᓂᔅᑕᒧᑦ ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ 2021-22 ᐃᖃᓗᓕᕆᓂᕐᒥ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐊᒻᒪᓗ ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖓᓂ. ᐃᓕᓴᖅᓯᓂᖅ ᑕᒪᓐᓇ ᐃᖃᓗᓕᕆᓂᖅ ᐱᕆᐊᑐᐃᓐᓇᓇᕆᐊᖃᕐᒪᑦ ᕿᓚᒻᒥᐅᓂᖓᓂ ᒪᐃ 2021−ᒥ, ᐅᖃᔅᓯᕆᐊᕈᑎᑦ ᑕᒪᒃᑯᓄᖓ ᑐᒃᓯᕋᖅᑕᐅᓯᒪᔪᑦ ᕿᓚᒻᒥᐅᓛᒃᑯᑦ.

ᑲᑎᒪᓂᖅᑕᖅᑲᓛᖅᑐᖅᓪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑭᖑᒃᐸᓕᕆᓂᕐᒧᑦ ᐅᖃᐅᔾᔨᕆᐊᖅᑏᑦ ᑲᑎᒪᔨᕋᓛᖏᓐᓄᑦ ᒫᔾᔨ 9, 2021−ᒥᑦ. ᓇᐃᓈᕈᑎᒥᒃ ᐅᑯᓄᖓ ᑐᓴᐅᒪᑎᑦᑎᖃᑦᑕᐃᓐᓇᕐᓂᕐᒧᑦ ᐱᔾᔪᑎᖃᕐᓂᖏᓐᓂ ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖓᓂ ᑐᓂᔭᐅᓂᐊᖅᐳᖅ ᑲᑎᒪᔨᓄᑦ ᒫᔾᔨ 17, 2021−ᒥ.

## ᐱᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓃᑦ (WAZ)

### ***ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᑦ***

ᐃᖃᓗᓕᕆᓂ *P. borealis* ᐊᒻᒪᓗ *P. montagui–ᒥ* ᐱᙵᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐊᐅᓚᑕᐅᓲᖑᕚᖅ ᐊᐃᕆᓕ 1–ᒥ – ᒫᔾᔭ 31–ᒧᑦ. ᓂᕿᒃᓴᖅᓱᐅᕐᓃᑦ ᐱᓕᕆᓃᑦ ᐱᓕᕆᐊᖑᓯᒋᐊᒐᔪᒃᑐᑦ ᒪᐃ/ᔩᓂ, ᒪᓕᒃᓱᑎᒃ ᓯᑯ ᖃᓄᐃᓕᖓᓂᖓᓄᑦ.

ᐱᙵᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐊᕕᒃᑐᖅᓯᒪᔮᖅ ᒪᕐᕉᓐᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓄᑦ, ᓄᓇᕗᒻᒥ ᐱᙵᓐᓇᖓᓂ (NU-W) ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᐱᙵᓐᓇᖓᓂ (NK-W) (ᑕᑯᒃ ᓄᓇᙳᐊᖅ). ᐅᑯᐊ ᐊᐅᓚᑦᑎᓂᖅᑫᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᑦ ᐃᓂᖃᖅ>ᑦ ᑕᒪᒃᑭᐅᒪᔪᒥ ᓄᓇᕗᒻᒥ ᐊᖏᖃᑎᒌᒍᑎᑖᒧᑦ ᓄᓇᕐᑯᑎᒋᔭᐅᔪᓄᑦ (NSA) ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᑕᕆᐅᕐᒥ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ (NMR), ᒪᓕᖃᑦᑕᐅᑎᔪᓂ. ᓄᓇᕗᑦᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᑦ ᑲᑎᒪᔨᖏᑦ ᐊᒻᒪ ᓄᓇᕕᒻᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᑦ ᐃᓱᒪᓕᐅᕆᓲᖑᕗᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓗᐊᓂ ᒪᓕᒃᑐᓂ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒥ ᐃᓂᐅᔪᓂ ᐊᒻᒪᓗ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᑐᐃᓐᓇᕆᐊᖃᖅ>ᑦ ᓴᓂᓕᖓᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓄᑦ. ᐱᓗᐊᖅᑐᒥ, ᐃᓱᒪᓕᐊᖑᔪᓂ ᑐᓂᔭᐅᓯᒪᕗᑦ ᓯᕗᓪᓕᐅᑎᑕᐅᔪᓄᑦ ᐅᑯᓄᖓ ᐱᓕᕆᑯᔭᐅᓯᒪᔪᓄᑦ ᖃᓄᐃᓐᓂᐅᔪᒥ ᑐᑭᓕᐊᖅᓯᒪᙱᒃᑯᑎᒃ.

*ᐹᓐᑕᓚᕐ ᐳᐊᕆ ᐋᓕᕐ ᐊᒻᒪᓗ ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ* ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕗᒻᒥ ᐱᙵᓐᓇᖓᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᒥ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᕗᑦ ᓄᓇᕗᒻᒥ ᐃᖃᓗᖃᓱᖕᓂᕐᒥ ᐱᔪᒪᓂᐅᔪᓄᑦ. ᐹᓐᑕᓚᕐ ᐳᐊᕆ ᐋᓕᕐ ᐊᒻᒪᓗ ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕕᖕᒥ ᐱᙵᓐᓇᖓᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᒥ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᕗᑦ ᓄᓇᕕᖕᒥ ᐃᖃᓗᖃᓱᖕᓂᕐᒥ ᐱᔪᒪᓂᐅᔪᓄᑦ. ᐱᓪᓚᕆᐅᔪᒥ ᐊᒥᖅᑳᕐᓂᐅᔪᒥ ᐋᖅᑭᒃᓯᒪᓂᖃᓪᓚᕆᙱᖦᑲᓗᐊᖅᑎᓪᓗᒍ, ᑭᓪᓕᐅᔪᒥ ᐃᓱᒪᓕᐅᕆᓂᕐᒥ ᓄᓇᕗᒻᒥ ᐱᙵᓐᓇᖓᓂ ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᐱᙵᓐᓇᖓᓂ ᖃᓄᐃᓐᓂᖃᖓᔪᒃ>ᖅ ᓇᓕᒧᑦᑐᓂ ᑐᓐᓂᖅᓴᐃᓂᐅᔪᒥ ᑕᒪᒃᑭᐅᒪᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᙱᓐᓂ ᐊᑐᓂ ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᙱᓂᙱᓐᓄᑦ. ᐊᑐᖅᑕᐅᒐᔪᒃᑐᒥ ᓯᕗᓪᓕᖅᐹᒥ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᑲᑎᒪᔨᓄᑦ ᐊᒻᒪᓗ ᓈᒻᒪᒋᔭᐅᓪᓗᓂ ᒥᓂᔅᑕᒧᑦ 2013–ᒥ (ᐅᐃᒍᓯᒪᔪᖅ 3), ᐅᑯᐊ ᓴᓂᕐᕙᒃᑕᐅᓯᒪᔪᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᓯᒪᕗᑦ ᐊᖑᓇᓱᒐᓂᕐᒧᑦ ᓇᓕᐊᑐᐃᓐᓇᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓂ ᐃᓱᒪᒋᓇᒍ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒧᑦ ᑭᓪᓕᒋᔭᖏᓐᓄᑦ. ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ ᑐᒃᓯᕋᖅᓯᒪᕗᑦ ᑲᑎᒪᔩᑦ ᓇᓗᓇᐃᖅᓯᒃᑲᓂᕐᓂᖏᓐᓇ ᐆᒥᙵ ᐱᔪᓐᓇᖅᑎᑕᐅᓂᖏᓐᓂᓄ ᑐᓂᔭᐅᔪᒥ ᐊᑐᐃᓐᓇᖃᕐᓂᖓᓂ ᐅᑯᓇᓂ ᓄᓇᕗᒻᒥ/ᓄᓇᕕᖕᒥ ᐱᙵᓐᓇᖓᓂ.

ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖅᑐᒥᑦ ᐊᒻᒪᓗ ᐱᔭᐅᔪᒥ ᑕᐃᒪᐃᑉᐸᓚᐅᕐᓂᖓᓂ ᓴᖅᑮᔭᕐᓂᐅᔪᒥ ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐱᙵᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓐᓂ ᑐᓂᔭᐅᕚᖅ ᐅᐃᒍᓯᒪᔪᖅ 4–ᒥ.

### ***ᖃᓄᐃᓕᓯᑎᑦᑕᐃᓕᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᓂᖓ ᓴᓇᓯᒪᓂᖓ***

ᐱᓕᕆᓂᖃᖅᐸᓪᓕᐊᕚᖅ ᐱᕋᓪᓕᐊᑎᑕᐅᓂᖓᓂ ᑎᑎᕋᖅᑕᐅᒋᐊᕐᙵᕈᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ (PA) ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ *P. borealis* ᐊᒻᒪᓗ *P. montagui–ᒥ* ᐱᙵᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ. ᖃᓄᐃᓕᖓᓂᖏᑦ ᐆᒥᙵ ᐱᓕᕆᓂᐅᔪᒥ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᕗᖅ ᐅᓂᒃᑲᕆᓯᒪᒃᑲᓂᖅᑐᒥ ᑲᑎᒪᔨᐅᔪᓄᑦ ᐊᓯᐊᒎᖅᑐᒥ ᖃᖃᕐᓂᖓᓂ.

ᑲᓇᑕᒥ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐅᖃᐅᔾᔨᔨᐅᔪᑦ ᑎᑎᕋᕕᖓᓂ (CSAS) ᐱᓕᕆᖃᑎᒋᔭᒥᓂ–ᕿᒥᕐᕈᓂᕐᒧᑦ ᐱᓕᕆᓂᐅᔪᒥ ᒪᐃ 2020–ᒥ, ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᖃᐅᔨᓴᐃᓂᖅ ᓴᖏᑎᑦᑎᓚᐅᖅ>ᖅ ᑭᓪᓕᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕙᖓᓂ ᓇᑭᙳᕐᓂᖓᓂ (LRP) ᐊᑐᓂ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ 40%–ᒥ ᓇᐃᓭᐅᓯᕆᓂᕐᒥ ᓇᓕᓙᖓᓂᖓᓂ ᕿᑐᕐᙶᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓᓂ (SSB) ᓇᓗᓇᐃᔭᕈᑎᖓᓂ ᐊᑐᐃᓐᓇᐅᔪᒥ ᐊᑯᓂᐅᓂᖓᓂ ᑲᑎᙵᓂᐅᔪᒥ, ᐊᖏᓪᓕᒋᐊᖅᑐᒥ 30%–ᒥ. ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᖅ ᑐᒃᓯᕋᓚᐅᕆᕗᑦ ᕿᑦᑎᓂᖅᓴᒥ ᖃᔅᓯᐅᓂᖏᓐᓂ ᓇᓗᓇᐃᕙᖓᓂ (USR) ᓇᑭᙳᕐᓂᖓᓂ ᐊᑐᓂ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ 80%–ᒥ ᓇᐃᓭᐅᓯᕆᓂᕐᒥ ᓇᓕᓙᖓᓂᖓᓂ ᕿᑐᕐᙶᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓᓂ ᓇᓗᓇᐃᔭᕈᑎᖓᓂ. ᖃᔅᓯᒐᓚᐅᔪᓂ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ ᑲᑎᒪᓂᐅᔪᓂ ᓄᕕᐱᕆ 2020–ᒥ ᕕᕈᐊᕆ 2021–ᒧᑦ, ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ (NPAWG) ᑕᐃᒪᙵᓂ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᓯᒪᕗᑦ ᐱᑕᖃᐅᖃᐃᓐᓇᕆᐊᓕᓐᓂ ᖁᑦᑎᓂᖅᓴᒥ

ᖃᓯᐅᓂᖅᑭᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ 70%−ᒥ ᓇᐃᓴᐅᓯᕆᓂᕐᒥ ᓇᓕᒨᖓᓂᖓᓂ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓᓄᑦ ᓇᓗᓇᐃᔭᕈᑎᖓᓄᑦ ᐊᑐᓂᓄᑦ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ[1].

ᐱᔪᑎᓕᖕᒥ ᓴᖅᑭᑎᑕᐅᓯᒪᔪᓄᑦ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᑮᖖᕐᓂᖓᓂ ᐊᒻᒪᓗ ᖁᑦᑎᓂᖅᓴᒥ ᖃᓯᐅᓂᖅᑭᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ, ᑕᒪᒃᑭᑦ ᐹᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ ᐊᒻᒪᓗ ᐹᑕᓚᔅ ᒫᑕᒍᐃ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᐃᓂᖃᕋᔭᖅᐳᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒥ ᐃᓂᐅᔪᒥ ᑎᑎᕋᖅᑕᐅᓯᐊᕐᙳᐹᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐊᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ.

ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ (HDRs) ᑐᓂᓯᔪᓐᓇᖅᑐᓂ ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐅᓄᕐᓂᐅᔪᓂ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓂ ᐊᑐᓂ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒥ, ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐊᒻᒪᓗ ᐊᑦᑕᕐᓇᖅᑐᒥᑦ ᐃᓂᐅᔪᑦ ᒫᓇᐅᔪᒥ ᐱᕙᓪᓕᐊᑎᑕᐅᕙᓪᓕᐊᕗᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ. ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ ᑎᑎᕋᖅᓯᒪᓂᐅᔪᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ ᓱᓕ ᐊᑐᐃᓐᓇᐅᙱᓚᑦ.

***ᑭᒡᓕᓯᓂᐊᖅᓯᒪᔪᑦ ᐅᖃᐅᓯᕆᐊᕈᑎᑦ***

7−ᖑᔪᓂ ᑎᑎᕋᖅᓯᒪᔪᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᓂ ᑎᑭᐅᑎᔭᐅᓯᒪᔪᓂ ᐊᑐᐃᓐᓇᐅᓕᖅᐳᑦ ᓄᑖᖑᔪᒥ ᐊᑯᓂᐅᓂᖓᓂ ᑲᑎᙳᓂᐅᔪᒥ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐱᒋᐊᓚᐅᖅᑐᒥ 2014−ᒥ. ᐹᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ ᐊᒻᒪᓗ ᐹᑕᓚᔅ ᒫᑕᒍᐃ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᓯᒪᕙᑦ ᓇᓗᓇᐃᖅᓯᒪᓂᐅᔪᓂ ᖁᑎᒃᑐᒥ ᐊᓯᔾᔨᖅᓴᕋᐃᓐᓂᐅᔪᒥ, ᑐᑭᓯᓇᖅᑲᓪᓚᙱᑦᑐᒥ ᓇᓗᓇᐃᖅᓯᓂᐅᔪᒥ ᐊᐅᓚᓂᕆᔭᕐᑭᓐᓂ ᐊᐅᓚᑦᑐᒥ ᐊᕐᕌᒍᒥ−ᐊᕐᕌᒍᒧᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᒥ ᐅᓄᕐᓂᖓᓂ ᐊᓯᔾᔩᓂᖓᓂ. ᒫᓇᐅᔪᒥ, ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑕᑯᔪᓐᓇᙱᓚᑦ ᐊᑐᖅᑕᐅᓂᐅᕙᒃᑐᓂ ᓇᓕᐊᑐᐃᓐᓇᓄᑦ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᒫᓇᐅᔪᒥ.

***P. borealis***−ᒧᑦ, 2020−ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᓇᓗᓇᐃᖅᓯᕚᖅ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ (FB) ᐊᖏᓪᓕᒋᐊᕐᓂᐅᔪᒥ 61.1%−ᒥ 2019 ᖃᐅᔨᓴᐃᓂᐅᔪᒥ, ᒪᓕᒃᑐᒥ ᒥᒃᓕᒋᐊᓚᓐᖓᓂᐅᔪᒥ ᐊᕐᕌᒍᒥ ᓯᕗᓂᐊᓂ (-3.4%). ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ (SSB) ᐊᖏᓪᓕᒋᐊᓚᐅᖅᐳᖅ 48.2%−ᒥ ᐊᕐᕋᒎᓚᐅᖅᑐᒥ ᓯᕗᓂᐊᓂ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᒥ (ᐅᐃᒍᓯᒪᔪᖅ 1; ᐅᐃᒍᓯᒪᔪᖅ 2).

***P. montagui***−ᒧᑦ, 2020−ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᓇᓗᓇᐃᖅᓯᕚᖅ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ (FB) ᒥᒃᓯᒋᐊᕐᓂᐅᔪᒥ 20.8%−ᒥ 2019 ᖃᐅᔨᓴᐃᓂᐅᔪᒥ, ᒪᓕᒃᑐᒥ ᒥᒃᓯᒋᐊᓚᓐᖓᓂᐅᔪᒥ ᐊᕐᕌᒍᒥ ᓯᕗᓂᐊᓂ (-19.5%). ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ ᒥᒃᓯᒋᐊᓚᐅᖅᐳᖅ 7.8%−ᒥ ᐊᕐᕋᒎᓚᐅᖅᑐᒥ ᓯᕗᓂᐊᓂ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᒥ (ᐅᐃᒍᓯᒪᔪᖅ 1; ᐅᐃᒍᓯᒪᔪᖅ 2).

***2021-22−ᒥ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᒃᓴᐃᑦ***

ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ ᑕᒪᒃᑭᐅᒪᔪᒥ ᓴᖅᑭᑕᐅᓯᒪᔪᖃᖏᒃᑲᓗᐊᖅᑯᓂ, ᑕᒪᒃᑭᑦ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᐃᓂᖃᕋᔭᖅᐳᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒧᑦ ᐃᓂᐅᔪᓂ ᐱᔪᑎᓕᖕᒥ ᓴᖅᑭᑕᐅᓯᒪᔪᓄᑦ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᑮᖖᕐᓂᖓᓂ ᐊᒻᒪᓗ ᖁᑦᑎᓂᖅᓴᒥ ᖃᓯᐅᓂᖅᑭᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ.

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[1] ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᑮᖖᕐᓂᖓᓂ ᐃᓱᒪᒋᔭᐅᕗᑦ ᓴᖅᑭᑎᑕᐅᓯᒪᓂᖏᓐᓂ ᐊᒻᒪᓗ ᒪᓕᒐᓂᖃᙱᓚᑦ ᑲᑎᒪᔩᓄᑦ ᐃᓱᒪᓕᐊᖑᔪᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐱᓕᕆᑦᑯᔭᐅᓯᒪᔪᓄᑦ. ᖁᑦᑎᓂᖅᓴᒥ ᖃᓯᐅᓂᖅᑭᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᐱᖃᕆᐊᖅᐳᑦ ᑲᑎᒪᔩᑦ ᐃᓱᒪᓕᐊᕐᕿᓐᓂ ᐊᒻᒪᓗ ᐱᓕᕆᑦᑯᔭᐅᓯᒪᔪᓄᑦ (ᓈᓚᖕᓂᖓᓂ) ᓯᕗᓂᐊᓂ ᓴᖅᑭᑕᐅᓚᐅᖅᑲᕋᑎᒃ. ᐊᑐᕐᓂᖅ ᖁᑦᑎᓂᖅᓴᒥ ᖃᓯᐅᓂᖅᑭᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᐆᒃᑐᕋᕐᓂᕐᒧᑦ ᐱᔪᑕᐅᕗᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᓂᕐᒧᑦ 2021-22−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐃᓱᒪᓕᐅᕐᓂᕐᓄᑦ.

***P. borealis***–ᒧᑦ, ᑲᔪᕐᒋᐊᖅᑕᐅᓗᓂ ᒫᓐᓇᐅᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 2021-22–ᒥ ᐱᑎᑦᑎᓇᔭᖅᐳᖅ ER–ᒥ 9.6%–ᒥ. ᐋᖅᑭᐅᒪᑎᑦᑎᓂᕐᒧᑦ 15.5% ER–ᒥ 2021-22–ᒥ ᐱᑎᑦᑎᓂᖃᕋᔭᖅᐳᖅ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 5,089 ᐃᒃᑕᕆᓐᓂᖏᑦ (ᐊᖏᒡᓕᕆᐊᕐᓂᐅᔪᒥ 1,926 ᐃᒃᑕᕆᓐᓂᖏᑦ ᐅᕝᕙᓘᓐᓃᑦ 61%–ᐸᓗᖏ). ᑕᐅᑐᙵᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᑦ ᐅᖃᐅᓯᐅᕗᑦ ᐊᑖᓂ.

| **ᑕᐅᑐᙵᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᖅ** | TAC | ER | % ᐊᓯᔾᔨᕐᓂᖓᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ |
|---|---|---|---|
| **ᑲᔪᕐᒋᐊᖅᑕᐅᓗᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC)** | 3,163 ᐃᒃᑕᕆᓐᓂᖏᑦ | 9.6% | 0% |
| **ᐋᖅᑭᐅᒪᑎᑦᑎᓂᖅ ER–ᒥ** | 5,089 ᐃᒃᑕᕆᓐᓂᖏᑦ | 15.5% | 61% |
| **15% ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᐊᖏᒡᓕᕆᐊᕐᓂᐅᔪᖅ** | 3,637 ᐃᒃᑕᕆᓐᓂᖏᑦ | 11.1% | 15% |

***P. montagui***–ᒧᑦ, ᑲᔪᕐᒋᐊᖅᑕᐅᓗᓂ ᒫᓐᓇᐅᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 2021-22–ᒥ ᐱᑎᑦᑎᓇᔭᖅᐳᖅ ER–ᒥ 23.5%–ᒥ (ᐱᓗᐊᖅᑐᒥ, ᓯᓚᑖᓂ ᐃᓂᖓᓂ ᑕᐃᔅᓯᒪᓂᐅᓚᐅᖅᑐᒥ ER–ᖑᔪᓂ ᑕᑯᔭᐅᔪᓄᑦ ᐅᒧᖓ ᐃᖃᓗᒃᑯᑕᐅᔪᓄᑦ). ᐋᖅᑭᐅᒪᑎᑦᑎᓂᕐᒧᑦ 18.6% ER–ᒥ 2021-22–ᒥ ᐱᑎᑦᑎᓂᖃᕋᔭᖅᐳᖅ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 9,469 ᐃᒃᑕᕆᓐᓂᖏᑦ (ᒥᒃᓴᕆᐊᕐᓂᐅᔪᒥ 2,506 ᐃᒃᑕᕆᓐᓂᖏᑦ–ᒥ ᐅᕝᕙᓘᓐᓃᑦ 21%–ᐸᓗᖏ). ᑕᐅᑐᙵᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᑦ ᐅᖃᐅᓯᐅᕗᑦ ᐊᑖᓂ.

| **ᑕᐅᑐᙵᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᖅ** | TAC | ER | % ᐊᓯᔾᔨᕐᓂᖓᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ |
|---|---|---|---|
| **ᑲᔪᕐᒋᐊᖅᑕᐅᓗᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC)** | 11,975 ᐃᒃᑕᕆᓐᓂᖏᑦ | 23.5% | 0% |
| **ᐋᖅᑭᐅᒪᑎᑦᑎᓂᖅ ER–ᒥ** | 9,469 ᐃᒃᑕᕆᓐᓂᖏᑦ | 18.6% | -21% |
| **15% ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᒥᒃᓴᕆᐊᕐᓂᐅᔪᖅ** | 10,179 ᐃᒃᑕᕆᓐᓂᖏᑦ | 20% | -15% |

**ᐃᒪᓐᓈᖅᑑᑏᑦ:** ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᖕᓂᑦ ᒫᓐᓇᐅᔪᒥ ᐱᑕᖃᙱᓚᑦ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ. ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ ᑐᒃᓯᕋᖅᑕᐅᑐᐃᓐᓇᕆᐊᖃᖅᐳᑦ ᓯᕗᓂᒃᓴᒥ, ᒪᓕᒃᑐᒥ ᖃᓄᐃᓕᖓᓂᐅᔪᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ ᐅᖃᓪᓚᖕᓂᐅᔪᓂ.

ᐱᓕᕆᕝᕕᒃ ᐋᖅᑭᐅᒪᑎᑦᑎᕗᖅ ᐃᓱᒪᒋᔭᖓᓐᓂ 2020-21–ᒥ ᑲᑎᒪᔩᑦ ᓴᖅᑭᑎᑦᑏᓐᓇᕐᓂᖏᓐᓂ ᑕᒪᐃᑎᒍᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (ᑲᑎᙵᓂᐅᔪᒥ ᓄᓇᕗᑉᒥ ᐱᖓᓐᓇᖓᓂ ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᐱᖓᓐᓇᖓᓂ) ER–ᒥ ᐃᓗᐊᓃᑦᑐᒥ ᐃᓂᐅᔪᒥ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᓯᒪᔪᓂ ᐅᑎᕈᓐᓇᕋᔭᕐᓂᖓᓂ; 7.3% – 19.8% *P. borealis–ᒧᑦ;* 8.0% – 19.3% *P. montagui–ᒧᑦ.*

***ᓇᐃᓈᖅᓯᒪᔪᑦ ᑐᒃᓯᕋᐅᑏᑦ***

**ᐱᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓃᑦ (WAZ):**

1. ᐃᓱᒪᓕᐅᕈᑏᑦ ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓅᑦ ᑖᒪᒃᑯᓄᖓ *ᐹᑕᓚᒃ ᐳᐊᕆᐋᓕᒃ ᐊᒻᒪᓗ ᐹᑕᓚᒃ ᒦᑕᒍᐃ* ᓄᓇᕗᒻᒥ ᐱᖓᓐᓇᖓᓂ (ᐃᓗᐊᓂᑦ ᓄᓇᕗᒻᒥᑦ ᓄᓇᑖᕈᑏᑦ ᐃᓂᖏᓐᓂᑦ) ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᐱᖓᓐᓇᖓᓂ (ᐃᓗᐊᓂᑦ ᓄᓇᕕᒃ ᑕᕆᐅᐸ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓄᑦ) ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓄᑦ, ᒪᓕᒃᑦᑕᐅᑎᔪᓂ.

2. ᐃᒪᓐᓇᖅᑑᑏᑦ ᑕᒃᑯᓄᖓ ᐊᑕᖏᖅᓱᒋᑦ ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓐᓇᖅᑐᑦ (TAC) ᑕᒪᒃᑯᓄᖓ ᐹᓐᑕᓚᖅ ᐳᐊᕆᐋᓕᖅ ᐊᒻᒪᓗ ᐹᓐᑕᓚᖅ ᒫᓐᑕᑐᐃ ᑕᐅᕙᓂ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ (WAZ).

**ᑲᒪᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᓚᔪᒃᑐᑦ:**

1. ᐃᒪᓐᓇᑑᑏᑦ ᑲᔪᓯᓂᐊᖅᑐᑦ ᐊᑐᖅᑕᐅᓕᒻᒪᒃᓴᓂᖕ ᐃᒪᐃᒃᑯᑎᒃ ᐹᓐᑕᓚᖅ ᐳᐊᕆᐋᓕᖅ ᐊᒻᒪᓗ ᐹᓐᑕᓚᖅ ᒫᓐᑕᑐᐃ ᐊᕕᒃᑐᖅᑕᐅᓂᖏᑦ ᑕᐃᑲᓂ ᓄᓇᕘᒥ ᐱᖓᓐᓇᖓᓂ ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥ ᐱᖓᓐᓇᖓᓂ ᓂᕿᒃᓴᖅᓯᐅᕈᑕᐅᓗᑎᒃ ᓇᓕᐊᖕᓂᑐᐃᓐᓇᖅ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓂ, ᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ ᓄᓇᑖᕈᑎᖃᕐᓂᕐᒧᑦ ᑭᒡᓕᑕᖃᕋᓗᐊᖅᑎᓪᓗᒍ.

**ᓴᖅᑭᔮᖅᑎᑕᖅ 2.** ᓇᐃᒡᓕᑎᖅᓯᒪᔪᑦ ᑐᒃᓯᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓱᒪᓕᐅᕈᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᒪᓐᓇᖅᑑᑎᓄᑦ, ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ (WAZ)

| **ᓂᐃ (ᑲᒪᓂᕐᒧᑦ ᓇᐃᓴᖅᓯᔾᔪᑏᑦ)** | ***ᐹᓐᑕᓚᖅ ᐳᐊᕆᐋᓕᖅ*** | ***ᐹᓐᑕᓚᖅ ᒫᓐᑕᑐᐃ*** |
|---|---|---|
| **ᓄᓇᕗᒥᑦ ᓄᓇᑖᕈᑏᑦ ᐃᓂᖏᓐᓂᑦ (NSA) (ᓄᓇᕗᑦ ᐱᓇᓐᓇᖓᓂᑦ [NU W])** | ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓃᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NWMB *(ᐊᑐᓕᖁᔨᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ)* | ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓃᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NWMB *(ᐊᑐᓕᖁᔨᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ)* |
| **ᓄᓇᕕᒃ ᑕᓇᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓄᑦ (NMR) (ᓄᓇᕕᒃ ᐱᓇᓐᓇᖓᓂᑦ)** | ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓃᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NMRWB *(ᐊᑐᓕᖁᔨᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ)* | ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓃᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NMRWB *(ᐊᑐᓕᖁᔨᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ)* |
| ***ᑲᑎᓗᒃᑖᖅᓱᒋᑦ (ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ [WAZ])*** | *ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓐᓇᖅᑐᑦ (TAC) ᐃᒻᒪᓐᓇᖅᑑᑏᑦ (ᐊᑕᖏᖅᓱᒋᑦ ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐃᓱᒪᓕᐅᕈᑏᑦ) NWMB ᐊᒻᒪᓗ NMRWB* | *ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓐᓇᖅᑐᑦ (TAC) ᐃᒻᒪᓐᓇᖅᑑᑏᑦ (ᐊᑕᖏᖅᓱᒋᑦ ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐃᓱᒪᓕᐅᕈᑏᑦ) NWMB ᐊᒻᒪᓗ NMRWB* |

## ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᖅ ᐃᓂᖕᒐᓂ (EAZ)

### ***ᐃᖃᓗᒋᓐᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᑦ***

ᐃᖃᓗᒋᓐᓂ *P. borealis* ᐊᒻᒪ *P. montagui*–ᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ ᐊᐅᓚᑕᐅᓲᖑᔾᔪᖅ ᐊᐃᕐᓇᓕ 1–ᒥ – ᒫᔾᔨ 31–ᒧᑦ. ᓂᕿᒃᓴᖅᓯᐅᕐᓃᑦ ᐱᓕᕆᓅᑦ ᐱᓕᕆᐊᖑᔪᓯᐊᓚᔪᒃᑐᑦ ᒪᐃ/ᔫᓂ, ᒪᓕᒃᓱᑎᒃ ᓯᑯ ᖃᓄᐃᓕᖕᒐᓂᖕᒐᓄᑦ.

ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ ᐊᕕᒃᑐᖅᓯᒪᔾᔪᖅ ᑎᓴᒪᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓄᑦ, ᓄᓇᕗᒻᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ (NU-E), ᓄᓇᕕᖕᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ (NK-E), ᑖᓗᕈᑎᐅᑉ ᐃᒪᖕᒑᓂ ᐱᓇᖕᓇᖕᒐᓂᑦ (DSW) ᐊᒻᒪ ᑖᓗᕈᑎᐅᑉ ᐃᒪᖕᒑᓂ ᑲᓇᖕᓇᖕᒐᓂ (DSE) (ᑕᑯᓗᒍ ᓄᓇᙳᐊᖅ). ᐅᑯᐊ ᐊᐅᓚᑦᑎᓂᖅᕿᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᑦ ᐃᓂᖃᖅᐳᑦ ᐃᓚᖕᒐᒍᑦ ᓄᓇᕗᒻᒥ ᐊᖏᖃᑎᒌᒍᑎᑖᒧᑦ ᓄᓇᕐᑯᑎᒋᔭᐅᔪᓄᑦ ᐊᒻᒪ ᓄᓇᕕᖕᒥ ᑕᓇᐅᕐᒥ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ, ᒪᓕᖃᑦᑕᐅᑎᔪᓂ. ᓄᓇᕗᑦᒥ ᐆᒪᔪᓕᕆᔩᕐᔪᐊᑦ ᑲᑎᒪᔨᖏᑦ ᐊᒻᒪ ᓄᓇᕕᒻᒥ ᐃᒪᕐᒥᐅᑕᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᑦ ᐃᓱᒪᓕᐅᕆᓲᖑᔾᔪᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓗᐊᓂ ᒪᓕᒃᑐᓂ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒥ ᐃᓂᐅᔪᓂ ᐊᒻᒪ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᑐᐃᓐᓇᕆᐊᖅᐳᑦ ᓴᓂᓕᖕᒐᓄᑦ ᑖᓗᕈᑎᐅᑉ ᐃᒪᖕᒑᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓄᑦ. ᐱᑐᐊᖅᑐᒥ, ᐃᓱᒪᓕᐊᖑᔪᓂ ᑐᓂᔭᐅᓯᒪᔾᔪᑦ ᓯᕗᓪᓕᐅᑎᑕᐅᔪᓄᑦ ᐅᑯᓄᖕᒐ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᖃᓄᐃᓐᓂᐅᔪᒥ ᑐᑭᓕᐊᖅᓯᒪᙱᒃᑯᑎᒃ.

*ᐹᑕᓚᕐ ᐳᐊᓇᐋᓕᕐ* ᐊᒻᒪ *ᐹᑕᓚᕐ ᒫᑕᒍᐃ* ᓄᓇᕗᒻᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᒥ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔾᔪᑦ ᓄᓇᕗᒻᒥ ᐃᖃᓗᒐᓱᖕᓂᕐᒥ ᐱᔪᒪᓂᐅᔪᓄᑦ. ᐊᔾᔨᐸᓗᐊᓂ, ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕕᖕᒥ ᑲᓇᖕᓇᖕᒐᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᒥ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔾᔪᑦ ᓄᓇᕕᖕᒥ ᐃᖃᓗᒐᓱᖕᓂᕐᒥ ᐱᔪᒪᓂᐅᔪᓄᑦ. ᐊᒥᖅᑳᕐᓂᕐᒧᑦ ᐋᖅᑭᒃᓯᒪᓂᖃᑦᑕᕆᐊᙳᕆᑕᖅ ᑐᓂᓯᓂᕐᒧᑦ ᑐᓐᓂᖅᓴᐃᓂᕐᒥ ᓴᓂᕐᕙᒃᑕᐅᓯᒪᔪᓄᑦ ᐅᑯᓄᖕᒐ ᓄᓇᕗᒻᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ ᐊᒻᒪ ᓄᓇᕕᖕᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ. ᐊᑐᖅᑕᐅᓚᔪᒃᑐᒥ ᓯᕗᓪᓕᖅᐹᒥ ᐱᓕᕆᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᑲᑎᒪᔩᓄᑦ ᐊᒻᒪ ᓈᒻᒪᒋᔭᐅᓪᓗᓂ ᒥᓂᔅᑕᒧᑦ 2013-ᒥ (ᐅᐃᒍᓯᒪᔪᖅ 3), ᐅᑯᐊ ᓴᓂᕐᕙᒃᑕᐅᓯᒪᔪᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᓯᒪᔾᔪᑦ ᐊᖑᓇᓱᖕᓂᕐᒧᑦ ᓇᓕᐊᑐᐃᓐᓇᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᓂ ᐃᓱᒪᒋᓇᒍ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒧᑦ ᑭᒡᓕᒋᔭᖕᒋᓐᓄᑦ. ᐃᖃᓗᒋᓐᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᑉᓗ ᑲᓇᑕᒥ ᑐᒃᓯᕋᖅᓯᒪᔾᔪᑦ ᑲᑎᒪᔩᑦ ᓇᓗᓇᐃᖅᓯᒃᑲᓐᓂᕐᓂᖕᒋᓐᓂ ᐆᒥᖓ ᐱᔪᓐᓇᖅᑎᑕᐅᓂᖕᒋᓐᓂᓄ ᑐᓂᔭᐅᔪᒥ ᐊᑐᐃᓐᓇᖅᑲᕐᓂᖕᒐᓂ ᐅᑯᓇᓂ ᓄᓇᕗᒻᒥ/ᓄᓇᕕᖕᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ.

ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔪᓄᑦ ᑖᓗᕈᑎᐅᑉ ᐃᒪᖕᒑᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᙵᓂᐅᔪᒥ ᓴᓂᕐᕙᖅᑕᐅᓯᒪᔾᔪᑦ ᓄᓇᕗᒻᒧᑦ ᐊᒻᒪ ᓄᓇᕕᖕᒥ ᐃᖃᓗᒐᓱᖕᓂᕐᒥ ᐱᔪᒪᓂᐅᔪᓄᑦ, ᐊᒻᒪᓗᑦᑕᐅᖅ ᐃᒪᕕᖕᒥ ᐅᒥᐊᕐᔪᐊᓄᑦ. *ᐹᑕᓚᕐ ᒫᑕᒍᐃ* ᐃᖃᓗᒃᑕᐅᓗᐊᕐᓂᑯᓂᒃ ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᖕᓂᖕᒋᑦ ᑖᓗᕈᑎᐅᑉ ᐃᒪᖕᒑᓂ. ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖅᑐᒥᑦ ᐊᒻᒪ ᐱᔭᐅᔪᒥ ᑕᐃᒪᐃᑉᐸᓚᐅᕐᓂᖕᒐᓂ ᓴᖀᔭᕐᓂᐅᔪᒥ ᐃᖃᓗᒋᓐᓂᕐᒧᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ ᑐᓂᔭᐅᕗᖅ ᐅᐃᒍᓯᒪᔪᖅ 4–ᒥ.

### ***ᖃᓄᐃᓕᓯᑎᑦᑕᐃᓕᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᓂᖕᒐ ᓴᓇᓯᒪᓂᖕᒐ***

ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ ᒫᓐᓇᐅᔪᒥ ᐱᑕᖃᖅᐳᖅ ᐹᑕᓚᕐ ᐳᐊᓇᐋᓕᕐ ᐊᒻᒪ *ᐹᑕᓚᕐ ᒫᑕᒍᐃ* ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ ᐊᒻᒪ ᐱᓕᕆᕙᓪᓕᐊᔾᔪᑦ ᓄᑖᙳᕆᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐆᒥᖓ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ. ᒪᐃ 2020–ᒥ, ᐃᖃᓗᒋᓐᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᑉᓗ ᖃᐅᔨᓴᐃᓂᖅ ᖃᐅᔨᓴᐃᓚᐅᖅᐳᑦ ᐊᑐᐃᓐᓇᐅᔪᒥ ᐊᑯᓂᐅᓂᖅᓴᒥ ᑎᑎᕋᖅᓯᒪᔪᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᓂ ᑲᑎᙵᓂᐅᔪᓂ ᐊᒻᒪ ᓄᑖᙳᕆᐊᖅᑎᑦᑎᑉᓗᑎᒃ ᑭᒡᓕᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖕᒐᓂ ᓇᑭᙶᕐᓂᖕᒐᓂ ᐊᑐᓂ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ 40%–ᒥ ᓇᐃᓴᐅᓯᕆᓂᕐᒥ ᓇᓕᒨᖕᒐᓂᖕᒐᓂ ᕿᑐᕐᖏᐅᕐᓂᖕᒋᑕ ᐅᓄᕐᓂᖕᒐᓂ ᓇᓗᓇᐃᔭᕈᑎᖕᒐᓂ ᐊᑐᐃᓐᓇᐅᔪᒥ ᐊᑯᓂᐅᓂᖕᒐᓂ ᑲᑎᙵᓂᐅᔪᒥ, ᐊᖏᓪᓕᕆᐊᖅᑐᒥ 30%–ᒥ. ᐃᖃᓗᒋᓐᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᑉᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᖅ ᑐᒃᓯᕋᓚᐅᓇᕗᑦ ᓄᑖᙳᕆᐊᖅᑐᒥ ᕐᑯᑦᑎᓂᖅᓴᒥ ᖃᔅᓯᐅᓂᖕᒋᓐᓂ ᓇᓗᓇᐃᕐᕕᖕᒐᓂ ᐊᑐᓂ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ 80%–ᒥ ᓇᐃᓴᐅᓯᕆᓂᕐᒥ ᓇᓕᒨᖕᒐᓂᖕᒐᓂ ᕿᑐᕐᖏᐅᕐᓂᖕᒋᑕ ᐅᓄᕐᓂᖕᒐᓂ ᓇᓗᓇᐃᔭᕈᑎᖕᒐᓂ. ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙵᔪᓄᑦ ᑕᐃᒪᙵᓂ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᓯᒪᔪᑦ ᓄᑖᙳᕆᐊᖅᑐᒥ ᕐᑯᑦᑎᓂᖅᓴᒥ ᖃᔅᓯᐅᓂᖕᒋᓐᓂ

ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᐊᑐᓂ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ 70−ᒥ ᓇᐃᓴᐅᓯᕆᓂᕐᒥ ᓇᓕᒨᖕᒐᓂᖕᒐᓂ ᕿᑐᕐᖓᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖕᒐᓂ ᓇᓄᓇᐃᔭᕈᑎᖕᒐᓂ ᐊᑐᓂ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ[2].

ᐱᔾᔪᑎᓕᖕᒥ ᓄᑖᙳᕆᐊᖅᑎᓯᑕᐅᓯᒪᔪᒥ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᓇᑭᙵᕐᓂᖕᒐᓂ ᐊᒻᒪᓗ ᖁᑦᑎᓂᖅᓴᒥ ᖃᔾᔨᐅᓂᖏᓐᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᓄᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙶᔪᓄᑦ, ᑕᒪᒃᑭᑦ *ᐹᓪᓚᑦ ᐳᐊᕆᐋᓕᑦ* ᐊᒻᒪᓗ *ᐹᓪᓚᑦ ᒫᓐᑕᒍᐃ* ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᐃᓂᖃᕋᔭᖅᐳᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒥ ᐃᓂᐅᔪᒥ ᓄᑖᙳᕆᐊᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ.

ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ ᒫᓇᐅᔪᒥ ᐊᑐᐃᓐᓇᐅᕗᑦ ᐅᖃᐅᔾᔨᓂᕐᒧᑦ 2021–22−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐃᓱᒪᓕᐊᖑᔪᓄᑦ ᐃᓗᐊᓂ ᐱᑕᖃᖅᐸᕆᖅᑐᓂ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ. ᑭᓯᐊᓂ, ᐅᑯᐊ ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ ᒫᓇᐅᔪᒥ ᕿᒥᕐᕈᔭᐅᕗᑦ ᐊᒻᒪᓗ ᐱᑕᖃᑐᐃᓐᓇᓇᐊᓕᖓᓂ ᓄᑖᙳᕆᐊᖅᑎᑦᑎᓂᐅᔪᓂᑦ ᐱᕚᓕᐊᑎᑕᐅᕗᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙶᔪᓄᑦ.

## ***ᑭᒡᓕᓯᓂᐊᖅᓯᒪᔪᑦ ᐅᖃᐅᔾᔨᒋᐊᕈᑏᑦ***

12−ᖑᔪᓂ ᑎᑎᕋᖅᓯᒪᔪᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᓂ ᑎᑭᐅᑎᔭᐅᓯᒪᔪᓂ ᐊᑐᐃᓐᓇᐅᓕᖅᐳᑦ ᓄᑖᖑᔪᒥ ᐊᑯᓂᐅᓂᖕᒐᓂ ᑲᑎᙶᓂᐅᔪᒥ ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ. *ᐹᓪᓚᑦ ᐳᐊᕆᐋᓕᑦ* ᐊᒻᒪᓗ *ᐹᓪᓚᑦ ᒫᓐᑕᒍᐃ* ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᓯᒪᕗᑦ ᓇᓄᓇᐃᖅᓯᒪᓂᐅᔪᓂ ᖁᑦᑎᒃᑐᒥ ᐊᓯᔾᔨᖅᓴᕋᐃᓐᓂᐅᔪᒥ, ᑐᑭᓯᓇᖃᓪᓚᕆᙱᑦᑐᒥ ᓇᓄᓇᐃᖅᓯᓂᐅᔪᒥ ᐊᐅᓚᓂᕆᔭᖏᓐᓂ ᐊᐅᓚᑦᑐᒥ ᐊᕐᕋᒍᒥ−ᐊᕐᓪᕋᒍᒧᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᒥ ᐅᓄᕐᓂᖕᒐᓂ ᐊᓯᔾᔩᓂᖕᒐᓂ. ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᓂᕐᒧᓪᓗ ᑲᓇᑕᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑕᑯᔪᓐᓇᙱᓚᑦ ᐊᑐᖅᑕᐅᓂᐅᕝᒃᑐᓂ ᓇᓕᐊᑐᐃᓐᓇᓄᑦ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᒫᓇᐅᔪᒥ.

***P. borealis***−ᒧᕐ, 2020−ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᓇᓄᓇᐃᖅᓯᕗᖅ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖕᒐᓂ ᒥᒃᓵᒥᐊᕐᓂᐅᔪᒥ -9.4%−ᒥ 2019 ᖃᐅᔨᓴᐃᓂᐅᔪᒥ, ᒪᓕᒃᑐᒥ ᒥᒃᓵᒥᐊᓪᓚᑖᖕᓂᐅᔪᒥ ᐊᕐᕌᒍᒥ ᓯᕗᓂᐊᓂ (102.9%). ᕿᑐᕐᖓᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖕᒐ ᐊᖏᓪᓕᒥᐊᓚᐅᖅᐳᖅ 5.9%−ᒥ ᐊᕐᕋᒨᓚᐅᖅᑐᒥ ᓯᕗᓂᐊᓂ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᒥ (ᐅᐃᒍᓯᒪᔪᖅ 1; ᐅᐃᒍᓯᒪᔪᖅ 2).

***P. montagui***−ᒧᕐ, 2020−ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᓇᓄᓇᐃᖅᓯᕗᖅ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖕᒐᓂ (FB) ᒥᒃᓵᒥᐊᕐᓂᐅᔪᒥ 121.1%−ᒥ 2019 ᖃᐅᔨᓴᐃᓂᐅᔪᒥ, ᒪᓕᒃᑐᒥ ᒥᒃᓵᒥᐊᓪᓚᑖᖕᓂᐅᔪᒥ ᐊᕐᕋᒍᒥ ᓯᕗᓂᐊᓂ (-59.3%). ᕿᑐᕐᖓᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖕᒐ ᐊᖏᓪᓕᒥᐊᓚᐅᖅᐳᖅ 227%−ᒥ ᐊᕐᕋᒨᓚᐅᖅᑐᒥ ᓯᕗᓂᐊᓂ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᒥ (ᐅᐃᒍᓯᒪᔪᖅ 1; ᐅᐃᒍᓯᒪᔪᖅ 2). ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖕᒐᓂ *P. montagui*−ᒥ ᐊᔾᔨᕌᙳᕆᕐᔪᐊᖃᑦᑕᖅᓯᒪᕗᖅ ᐊᕐᕋᒍᑕᒫᒥ ᑕᐃᒪᙵᓂ 2012−ᒥ, ᐊᒻᒪᓗ ᖃᓄᐃᓕᖕᒐᓂᖕᒐᓂ ᐆᒪᙵᑦ ᐃᑲᔪᕈᑎᒃᓴᒥ ᓇᓄᓇᖅᐳᖅ.

## ***2021-22−ᒥ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᒃᓴᐃᑦ***

ᑕᒪᒃᑭᑦ *ᐹᓪᓚᑦ ᐳᐊᕆᐋᓕᑦ* ᐊᒻᒪᓗ *ᐹᓪᓚᑦ ᒫᓐᑕᒍᐃ* ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᐃᓂᖃᕋᔭᖅᐳᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒥ ᐃᓂᐅᔪᒥ ᐱᔾᔪᑎᖃᖅᑐᒥ ᓴᖏᑎᑕᐅᓯᒪᔪᓄᑦ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᓇᑭᙵᕐᓂᖕᒐᓂ ᐊᒻ ᖁᑦᑎᓂᖅᓴᒥ ᖃᔾᔨᐅᓂᖏᓐᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᔭᐅᓯᒪᔪᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔨᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᙶᔪᓄᑦ. ᐱᑕᖃᖅᐸᕆᖅᑐᓂ ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ ᐃᖃᓗᖁᑕᐅᔪᓄᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒧᑦ ᐃᓂᐅᔪᓄᑦ ᑐᓂᓯᔪᑦ ER−ᓂ ᖁᓕᕐᔪᐊᖕᒐᓂ ᑐᙵᕕᐅᔪᒥ ᑐᕌᒃᓴᐅᔪᒥ ER−ᒥ 15%−ᒥ, ᐊᒻ

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[2] ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᓇᑭᙵᕐᓂᖕᒐᓂ ᐃᓱᒪᒋᔭᐅᕗᑦ ᓴᖏᑎᑕᐅᓯᒪᓂᖏᓐᓂ ᐊᒻᒪᓗ ᒪᓕᖕᓂᖃᙳᕆᓚᑦ ᑲᑎᒪᔨᓄᑦ ᐃᓱᒪᓕᐊᖑᔪᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐱᓕᕆᐊᖁᔭᐅᓯᒪᔪᓄᑦ. ᖁᑦᑎᓂᖅᓴᒥ ᖃᔾᔨᐅᓂᖏᓐᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᐱᖃᕆᐊᖃᖅᐳᑦ ᑲᑎᒪᔩᑦ ᐃᓱᒪᓕᐊᖏᓐᓂ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖁᔭᐅᓯᒪᔪᓄᑦ (ᓈᒻᒪᖕᓂᖕᒐᓂ) ᓯᕗᓂᐊᓂ ᓴᖏᑎᑕᓚᐅᖅᑳᕋᑎᒃ. ᐊᑐᕐᓂᖅ ᖁᑦᑎᓂᖅᓴᒥ ᖃᔾᔨᐅᓂᖏᓐᓂ ᓇᓄᓇᐃᕝᕕᖕᒐᓂ ᐆᒃᑐᕋᕐᓂᕐᒧᑦ ᐱᔾᔪᑕᐅᕗᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᓂᕐᒧᑦ 2021-22−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐃᓱᒪᓕᐅᕐᓂᕐᓄᑦ.

ᐊᓯᐟᔨᕐᓂᐅᔪᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᖃᖏᐅᑎᓪᓗᐊᙳᓚᑦ 15%−ᖓᓂ ᓯᕗᓂᐊᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ.

***P. borealis***−ᒧᑦ, ᑕᑯᔭᐅᓚᐅᖅᐳᖅ 2020-21−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐹᓐᑕᓚᕐ ᐳᐊᕆᐋᓕᕐ−ᒧᑦ (10,653 ᐃᒃᑕᕆᖕᓂᖏᑦ) ᓴᖅᑮᓇᔭᖅᑐᖅ ᐊᑐᖅᑎᑦᑎᓂᕐᒥ 15%−ᒥ ᐊᙵᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᓂᖃᕐᓗᓂ ᐊᕐᕌᒍᓄᑦ−ᒪᕐῖᓐᓄᑦ ᑕᐃᒪᐃᒐᔪᖕᓂᐅᔪᒥ ᒫᓐᓇᓕᓴᐅᓛᖑᔪᒥ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ ᓇᓗᓇᐃᒃᑯᑕᐅᔪᓂᑦ. ᑲᔪᓯᒋᐊᖅᑕᐅᓗᓂ ᒫᓐᓇᐅᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 2021-22−ᒥ ᐱᑎᑦᑎᓇᔭᖅᐳᖅ ER−ᒥ 12.4%−ᒥ. ᐋᖅᑭᐅᒪᑎᑦᑎᓂᕐᒧᑦ 11.2% ER−ᒥ 2021-22−ᒥ ᐱᑎᑦᑎᓂᖃᕋᔭᖅᐳᖅ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 9,656 ᐃᒃᑕᕆᖕᓂᖏᑦ (ᒥᒃᖠᒋᐊᕐᓂᐅᔪᒥ 997 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒥ ᐅᕝᕙᓘᓐᓃᑦ 9%−ᐸᓗᖏᒥ). 15% ER−ᒥ ᐱᑎᑦᑎᓂᖃᕋᔭᖅᐳᖅ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 12,932 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒥ (+21.4%). ᑕᐅᑐᙳᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᑦ ᐅᖃᐅᓯᐅᕗᑦ ᐊᑖᓂ.

| **ᑕᐅᑐᙳᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᖅ** | TAC | ER | % ᐊᓯᐟᔨᕐᓂᖓᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ |
|---|---|---|---|
| **ᑲᔪᓯᒋᐊᖅᑕᐅᓗᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC)** | 10,653 ᐃᒃᑕᕆᖕᓂᖏᑦ | 12.4% | 0% |
| **ᐋᖅᑭᐅᒪᑎᑦᑎᓂᖅ ER−ᒥ** | 9,656 ᐃᒃᑕᕆᖕᓂᖏᑦ | 11.2% | -9% |
| **15% ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᐊᖏᒡᓕᒋᐊᕐᓂᐅᔪᖅ** | 12,250 ᐃᒃᑕᕆᖕᓂᖏᑦ | 14.2% | 15% |

ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ***P. montagui***−ᒧᑦ 840 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓯᒪᕗᖅ ᑕᐃᒪᙵᓂ 2014−ᒥ. ᑲᔪᓯᒋᐊᖅᑕᐅᓗᓂ ᒫᓐᓇᐅᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 2021-22−ᒥ ᐱᑎᑦᑎᓇᔭᖅᐳᖅ ER−ᒥ 4.5%−ᒥ. ᐋᖅᑭᐅᒪᑎᑦᑎᓂᕐᒧᑦ 9.9% ER−ᒥ 2021-22−ᒥ ᐱᑎᑦᑎᓂᖃᕋᔭᖅᐳᖅ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 1,861 ᐃᒃᑕᕆᖕᓂᖏᑦ (ᐊᖏᒡᓕᒋᐊᕐᓂᐅᔪᒥ 1,021 ᐃᒃᑕᕆᖕᓂᖏᑦ ᐅᕝᕙᓘᓐᓃᑦ 121%−ᐸᓗᖏᒥ). ᑕᐅᑐᙳᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᑦ ᐅᖃᐅᓯᐅᕗᑦ ᐊᑖᓂ.

| **ᑕᐅᑐᙳᐊᕐᓂᐅᔪᑦ ᐆᒃᑑᑎᐅᔪᖅ** | TAC | ER | % ᐊᓯᐟᔨᕐᓂᖓᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ |
|---|---|---|---|
| **ᑲᔪᓯᒋᐊᖅᑕᐅᓗᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC)** | 840 | 4.5% | 0% |
| **ᐋᖅᑭᐅᒪᑎᑦᑎᓂᖅ ER−ᒥ** | 1,861 ᐃᒃᑕᕆᖕᓂᖏᑦ | 9.9% | 121% |
| **15% ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ (TAC) ᐊᖏᒡᓕᒋᐊᕐᓂᐅᔪᖅ** | 966 ᐃᒃᑕᕆᖕᓂᖏᑦ | 5.1% | 15% |

**ᐃᒪᓐᓈᖅᑑᑏᑦ:**

***P. borealis***−ᒥ ᓂᕈᐊᕚᒃᓴᐅᔪᒥ ᐊᖏᒡᓕᒋᐊᖅᓯᓂᕐᒧᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 15%−ᒥ 2021-22−ᒧᑦ (ER 14.2%). ᑕᐃᒪᐃᒻᒪᑦ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ ᐅᕙᓃᖏᓐᓇᕐᒪᑦ ᖃᓄᐃᙱᑦᑎᐊᖅᑐᒧᑦ ᐃᓂᐅᔪᒥ, ᐱᑎᑦᑎᔪᒥ ᐊᙵᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᓂᖃᕐᓗᓂ ᓈᒻᒪᒃᐳᖅ. ᐅᓇ ᓂᕈᐊᕚᒃᓴᐅᔪᖅ ᐃᓱᒪᒋᔭᖃᖅᐳᖅ ᐊᖏᐸᓗᒃᑐᒥ ᐊᓯᐟᔨᖅᐸᓪᓕᐊᓂᐅᔪᒥ ᐅᓄᕐᓂᖓ ᐊᓯᐟᔩᓂᖓᓂ ᓇᓗᓇᐃᒃᑯᑕᐅᔪᓂ ᑕᑯᔭᐅᓯᒪᕗᑦ ᐆᒪᖓ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ. ᐊᖏᐸᓗᒃᑐᓂ ᐊᓯᐟᔨᕐᓂᐅᔪᓂ ᐊᕐᕌᒍᒥ−ᐊᕐᕌᒍᒧᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᒥᒃᖠᒋᐊᖅᑎᑦᑎᓂᖃᑐᐃᓐᓇᕆᐊᖃᖅᐳᖅ ᓯᕗᓂᖓᒥ.

***P. montagui***−ᒧᑦ ᓂᕈᐊᕚᒃᓴᐅᔪᒥ ᑲᔪᓯᒋᐊᖅᑕᐅᓗᓂ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 840 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒧᑦ 2021-22−ᒧᑦ. ᐅᓇ ᓂᕈᐊᕚᒃᓴᖅ ᐃᓱᒪᒋᔭᖃᖅᐳᖅ ᐊᖏᐸᓗᒃᑐᒥ ᐊᓯᐟᔨᖅᐸᓪᓕᐅᓂᐅᔪᒥ ᐅᓄᕐᓂᖓ ᐊᓯᐟᔩᓂᖓᓂ ᑕᑯᔭᐅᖏᓐᓇᖅᐸᑦ ᐆᒪᖓ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐋᖅᑭᐅᒪᑎᑕᐅᓂᖓᓂ 840 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒥ ᑕᐃᒪᙵᓂ 2014−ᒥᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ.

ᐅᑯᐊ ᐊᑐᓕᖁᔭᐅᓇᔭᖅᑐᓂ ᐃᓱᒪᒋᔭᖃᕐᒋᓚᑦ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᕐᓂ ᐃᒪᐃᖁᔭᐅᔪᓄᑦ ᐋᖅᑭᒋᐊᖅᓯᓂᐅᔪᓄᑦ ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᖃᐅᔪᑦ ᐃᓂᖕᒪᓂ ᓂᕿᒃᓴᓂᖃᑦᑕᖅᑐᓄᑦ ᐃᓱᒪᓕᐅᖅᑕᐅᔪᖅ ᒪᓕᒋᐊᓕᑦ, ᐅᑕᖅᑭᔪᒥ ᖃᓄᐃᓕᖕᒪᓂᐊᖃᓂᖕᒪᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐅᔾᔮᖅᑐᑦᑎᐊᕋᓱᐊᖃᑐᓂ ᐱᓕᕆᓂᖅ ᐱᓕᕆᓪᓗᑎᒃ ᑲᑎᖕᒐᔪᓄᑦ ᐅᖃᓪᓚᖕᓂᐅᔪᓄᑦ.

***<u>ᓇᐃᓈᖅᓯᒪᔪᑦ ᑐᒃᓯᕋᐅᑏᑦ</u>***

**ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᖃᐅᒧᑦ ᐃᓃᑦ (EAZ):**

1. ᐃᓱᒪᓕᐅᕈᑕᐅᔪᑦ ᑕᒪᑐᒧᖓ ᓂᕿᒃᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᖁᕝᕙᓯᓕᓈᓄᑦ ᑕᒪᒃᑯᓄᖓ ᐹᓐᑕᓚᕐ ᐳᐊᓇᐋᓕᕐ ᐊᒻᒪᓗ *ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ* ᐊᕐᖀᒍᐃᑦ ᑕᐃᑲᓂ ᓄᓇᕗᒻᒥᑦ ᑲᓇᖕᓇᖕᒪᓂᑦ (ᐃᓗᐊᓂᑦᓄᓇᕗᒻᒥᑦ ᓄᓇᑖᕈᑏᑦ ᐃᓂᖕᒋᓐᓂᑦ [NSA]) ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥᑦ ᐱᓇᖕᓇᖕᒪᓂᑦ (ᐃᓗᐊᓂᑦᓄᓇᕕᒃ ᑕᓇᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒋᓐᓄᑦ [NMR]) ᑲᒪᓂᕐᒧᑦ ᓇᐃᓴᖅᓯᔾᔪᑏᑦ, ᐃᒃᐱᒋᔭᐅᓪᓗᑎᒃ.

2. ᐃᒻᒪᓈᖅᑑᑏᑦ ᑕᒪᒃᑯᓄᖓ ᑐᓂᖅᓴᖅᑕᐅᓂᖕᒋᓐᓄᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖕᒋᓐᓂ (TAC) ᑕᒪᒃᑯᓄᖓ *P. borealis*–*ᒧᑦ*ᐅᑯᓄᖓ ᑕᓪᓗᕈᑎᐅᑉ ᐃᒪᖕᒐᓐᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᖕᒪᓂᐅᔪᓄᑦ (ᖁᑭᖅᑖᓗᑉ ᐃᑭᖕᒐᓄᑦ ᐱᓇᖕᓇᖕᒪᓂᑦ ᐊᒻᒪᓗ ᖁᑭᖅᑖᓗᑉ ᐃᑭᖕᒪᓂᑦ ᑲᓇᖕᓇᖕᒪᓂᑦ). ᐱᓕᕆᖁᔭᐅᓯᒪᔪᑦ *P. borealis*–ᒥ ᓴᓂᕐᕙᒃᑕᐅᓯᒪᔪᓄᑦ ᑕᓪᓗᕈᑎᐅᑉ ᐃᒪᖕᒐᓐᓂ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᖕᒪᓂᐅᔪᓄᑦ.

3. ᐃᒪᓈᖅᑑᑏᑦ ᐊᑕᖕᒋᓗᒃᑖᖅᓗᒋᑦ ᑲᑎᓗᒃᑖᖅᓗᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓇᖅᑐᑦ (TAC) ᑕᒪᒃᑯᓄᖓ *ᐹᓐᑕᓚᕐ ᐳᐊᓇᐋᓕᕐ* ᐊᒻᒪᓗ *ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ* ᐊᕐᖀᒍᐃᑦ ᑕᐃᑲᓂ ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᖃᐅᔪᑦ ᐃᓂᖕᒪᓂ (EAZ), ᐃᒃᐱᒋᔭᐅᓪᓗᑎᒃ.

**ᑲᒪᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ:**

1. ᐊᑐᓕᖁᔭᐅᔪᒥ ᑲᔪᓯᓂᐊᖅᑐᑦ ᐊᑐᖅᑕᐅᓕᒪᒃᓴᓂᖕ ᐃᒪᐃᒃᑯᑎᒃ ᐹᓐᑕᓚᕐ ᐳᐊᓇᐋᓕᕐ ᐊᒻᒪᓗ ᐹᓐᑕᓚᕐ *ᒫᓐᑕᒍᐃ* ᐊᕕᒃᑐᖅᑕᐅᓂᖕᒋᑦ ᑕᐃᑲᓂ ᓄᓇᕗᒥᑦ ᑲᓇᖕᓇᖕᒪᓂᑦ ᐊᒻᒪᓗ ᓄᓇᕕᖕᒥᑦ ᑲᓇᖕᓇᖕᒪᓂᑦ ᓂᕿᒃᓴᖅᓯᐅᕈᑕᐅᓗᑎᒃ ᓇᓕᐊᖕᓂᑐᐃᓐᓇᖅ ᑲᒪᓂᕐᒧᑦ ᓇᐃᓴᖅᓯᔾᔪᑏᑦ, ᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ ᓄᓇᑖᕈᑎᖃᕐᓂᕐᒧᑦ ᑭᓪᓕᑕᖃᕋᓗᐊᖅᑎᓪᓗᒍ.

**ᓇᓗᓇᐃᒃᑯᑎ 3.** ᓇᐃᒡᓕᑎᖅᓯᒪᔪᑦ ᑐᒃᓯᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓱᒪᓕᐅᕆᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐃᒪᓐᓈᖅᑑᑎᓄᑦ, ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ (EAZ)

| **ᓂᐃ (ᑲᒪᓂᕐᒧᑦ ᓇᐃᓴᖅᓯᔾᔪᑏᑦ)** | ***ᐹᓐᑕᓚᕐ ᐳᐊᕆᐋᓕᕐ*** | ***ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ*** |
| --- | --- | --- |
| **ᓄᓇᕗᒦᑦ ᓄᓇᑖᕈᑏᑦ ᐃᓂᖏᓐᓂᑦ (NSA) (ᓄᓇᕘᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ [NU E])** | ᓂᕿᓵᖅᓯᐅᕐᓂᕐᒧᑦ ᕐᑯᕚᓯᓕᓈᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NWMB *(ᐊᑐᓕᕐᑯᔭᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔩᖏᓐᓄᑦ)* | ᓂᕿᓵᖅᓯᐅᕐᓂᕐᒧᑦ ᕐᑯᕚᓯᓕᓈᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NWMB *(ᐊᑐᓕᕐᑯᔭᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔩᖏᓐᓄᑦ)* |
| **ᓄᓇᕕᒃ ᑕᕆᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓄᑦ (NMR) (ᓄᓇᕕᒃ ᑲᓇᖕᓇᖕᒐᓂᑦ)** | ᓂᕿᓵᖅᓯᐅᕐᓂᕐᒧᑦ ᕐᑯᕚᓯᓕᓈᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NMRWB *(ᐊᑐᓕᕐᑯᔭᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔩᖏᓐᓄᑦ)* | ᓂᕿᓵᖅᓯᐅᕐᓂᕐᒧᑦ ᕐᑯᕚᓯᓕᓈᓄᑦ ᐃᓱᒪᓕᐅᕈᑎ NMRWB *(ᐊᑐᓕᕐᑯᔭᐅᔪᖅ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔩᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔩᖏᓐᓄᑦ)* |
| **ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ (DS E)** | ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐊᖑᓂᒃᑕᐅᔾᔭᓇᖅᑐᑦ (TAC) ᐊᕕᒃᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᑐᓐᓂᖅᓴᖅᑕᐅᓂᖏᓐᓄᑦ ᐃᒪᓐᓈᖅᑑᑏᑦ NWMB ᐊᒻᒪᓗ NMRWB | ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔾᔭᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐊᑐᓕᕐᑯᔭᐅᔪᖅ NWMB ᐊᒻᒪᓗ NMRWB |
| **ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ (DS W)** | ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐊᖑᓂᒃᑕᐅᔾᔭᓇᖅᑐᑦ (TAC) ᐊᕕᒃᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᑐᓐᓂᖅᓴᖅᑕᐅᓂᖏᓐᓄᑦ ᐃᒪᓐᓈᖅᑑᑏᑦ NWMB ᐊᒻᒪᓗ NMRWB | |
| ***ᑲᑎᓗᒃᑖᖅᓱᒋᑦ (ᑲᓇᖕᓇᖕᒐᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒐᓂ [EAZ])*** | *ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔾᔭᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐊᑐᓕᕐᑯᔭᐅᔪᖅ NWMB ᐊᒻᒪᓗ NMRWB* | *ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔾᔭᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ ᐊᑐᓕᕐᑯᔭᐅᔪᖅ NWMB ᐊᒻᒪᓗ NMRWB* |

**ᐱᕙᖏᑕᖅᑕᖕᒐ ᐆᒪ:** ᑯᐊᑦᓂ ᑕᐅᔅᑦ, ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᓄᓇᒥᖕᒫᖅᑐᓂᑦ ᑲᒪᔨᓂᑦ, ᐃᖃᓗᓕᕆᔩᑦ ᐊᒻᒪᓗ ᐃᒪᕐᒥᐅᑕᓕᕆᔩᑦ ᑲᓇᑕ

**ᐅᓪᓗᖅ:** ᒫᔩ 5, 2021

## ᓇᐃᓈᕈᑎᒃ: ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᑭᖑᒃᐸᐃᑦ (ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ [Pandalus borealis]), ᐊᒻᒪᓗ ᑕᖅᓴᓃᑦ ᑭᖑᒃᐸᐃᑦ (ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ [Pandalus montagui]), ᐱᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓂ ᐃᒃᑕᓐᓂᖏᑦ ᐃᓂᖓᓂ ᐊᒻᒪ ᐱᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓃᑦ, ᕕᕈᐊᕆ 2021

### ᓇᐃᓈᕈᑎᒃ

- ᖃᐅᔨᓴᖅᑕᐅᓂᖓ ᐃᓚᖃᖅᐳᖅ 2019 ᐊᒻᒪ 2020-ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᐊᒻᒪᓗ ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᑎᑎᕋᖅᓯᒪᔪᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᓂ.
- ᐃᓕᓭᕆᔭᐅᓯᒪᔫᖅ ᐅᖁᕐᓂᐅᔪᓂ *ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ* ᐅᖓᓯᓐᓂᖃᖅᐳᑦ ᐃᓂᐅᔪᓂ ᑲᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓂᖓᓂ, ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕝᕕᐅᑉ ᐃᓂᖓᓂ ᐊᒻᒪ ᑭᖑᒃᐸᖕᓂ ᐃᖃᓗᒐᓱᒻᕕᒃ 4-ᒥ. ᒫᓐᓇᐅᔪᒥ ᖃᐅᔨᒪᔭᐅᙱᓚᖅ ᐊᑭᙵᓂ ᑕᐅᖅᓰᓂᐅᔪᒥ (ᖁᓇᐅᑉ ᐊᓯᐊᖁᑦ ᐊᐅᓪᓚᖅᑎᑕᐅᔪᑦ/ᖁᓇᐅᑉ ᐊᓯᐊᓂ ᑎᑭᑎᑕᐅᔪᑦ) ᐅᑯᓇᓂᐅᕗᑦ ᐃᓂᐅᔪᖁᑦ, ᑕᐃᒪᐃᓐᓂᖓᖁᑦ, ᑐᑭᓯᐅᒪᓂᖅ ᐃᑲᔪᕈᑎᒃᓴᓂ ᐱᓕᕆᔾᔪᓯᐅᔪᒥ ᐃᓗᐃᑦᑑᓪᓗᓂ ᐱᔭᕆᐊᖃᖅᑎᑦᑎᕗᖅ ᐃᓚᓕᐅᔾᔨᓂᕐᒥ ᑐᓴᒃᓴᓂ ᑕᒪᒃᑭᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓂ ᐃᓂᐅᔪᓂ.
- ᐃᓕᓭᕆᔭᐅᓯᒪᔫᖅ *ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ* ᑐᓐᓂᖅᓴᖅᓯᒪᔫᑦ ᓇᒧᕈᓘᔭᖅ ᐅᐊᖓᓇᒥ ᐱᓇᖓᓇᒥ ᐊᑦᓵᓐᑎᒃ ᑕᕆᐅᕐᒥ, ᐃᓚᖃᖅᑐᒥ ᑲᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓂᖓᓂ ᐊᒻᒪ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕝᕕᐅᑉ ᐃᓂᖓᓂ, ᐊᒻᒪᓗ ᐅᑯᐊ ᐃᓂᐅᔪᑦ ᑲᑎᙶᓂᖃᖅᐳᑦ ᐅᖄᓇ ᕿᐱᕈᒃᓴᖅ ᐃᓕᐅᖅᑲᖅᑕᐅᓂᖓᓂ, ᑭᓯᐊᓂ ᐊᑭᙵᓂ ᑕᐅᖅᓰᓂᐅᔪᒥ ᐃᓐᓇᐅᔪᖁᑦ ᑐᑭᓯᐅᒪᙱᓐᓂᖅᓴᐅᒋᕗᑦ. ᐅᑯᐊ ᑲᑎᙶᓂᕆᔭᐅᔪᑦ ᐃᓯᒪᒋᔭᐅᔭᕆᐊᖃᖅᐳᑦ ᑐᑭᓕᐅᕆᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᔪᒥ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᐅᑯᓇᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓂ ᐃᓂᐅᔪᖁᑦ.
- ᑲᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓂᖓᓂ, ᐅᖁᕐᓂᐅᔪᑦ ᒫᓐᓇᐅᔪᒥ ᖃᐅᔨᓴᖅᑕᐅᕗᑦ ᖁᑖᙳᖅᐸᓪᓕᐅᓂᐅᔪᒥ LRP-ᓂ ᐊᑑᑎᓕᓐᓂ PA ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᒥ. ᖁᑖᙳᕆᐊᖅᑕᐅᓯᒪᔪᓂ USR-ᖑᔪᑦ ᒫᓐᓇᐅᔪᒥ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᔭᐅᕗᑦ.
- ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕝᕕᐅᑉ ᐃᓂᖓᓂ, ᐅᖁᕐᓂᐅᔪᑦ ᒫᓐᓇᐅᔪᒥ ᖃᐅᔨᓴᖅᑕᐅᕙᓪᓕᐊᕗᑦ LRP-ᓂ (ᓴᖅᑭᑎᑕᐅᓯᒪᔪᖅ *ᐱᒋᐊᕐᓂᖓᓂ* 2020-ᒥ). USR-ᖑᔪᑦ ᒫᓐᓇᐅᔪᒥ ᐃᓱᒪᒃᓴᖅᓯᐅᕆᔭᐅᕗᑦ.

### ᑲᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕝᕕᐅᔪᑦ ᐃᓃᑦ – *ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ*

- ᑲᑎᓪᓗᒍ ᐃᖃᓗᒃᑕᐅᔪᑦ ᐊᔾᔨᒌᙱᓐᓂᖓ ᖃᖁᕈᓘᔮᓚᐅᖅᑐᖅ ᑕᐅᕙᓂ 6,000 ᐃᒃᑕᓐᓂᖏᑦ 1997-ᒥ ᑕᐃᑯᖓ 2020/21-ᒧᑦ. ᐃᖃᓗᒃᑕᐅᔪᑦ ᓇᐃᓴᖅᑕᐅᓯᒪᔪᓂ 2020/21-ᒥ ᐸᕐᓇᒍᑕᐅᕗᑦ.
- ᐃᖃᓗᒐᒃᓴᐅᔪᑦ ᖁᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᙵᓂ ᖁᐃᓛᓃᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔪᒃᑯᑦ ᓇᓕᒨᖓᓂᖓ (63,486 ᐃᒃᑕᓐᓂᖏᑦ) ᐊᒻᒪᓗ 86,211 ᐃᒃᑕᓐᓂᖏᑦ-ᖑᓚᐅᖅᐳᖅ 2020-ᒥ.
- ᐊᕐᓇᓗᑯᐃᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᖁᕐᓂᖓ (SSB) ᖁᐃᓛᓃᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔪᒃᑯᑦ ᓇᓕᒨᖓᓂᖓᓂ 39,659 ᐃᒃᑕᓐᓂᖏᑦ) ᐊᒻᒪᓗ 60,531 ᐃᒃᑕᓐᓂᖏᑦ-ᖑᓚᐅᖅᐳᖅ 2020-ᒥ.
- ᐅᓂᒃᑳᖅᑕᐅᔪᑦ ᐊᖑᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖅᑯᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 2020/21 5.9%-ᖑᓚᐅᖅᐳᖅ 48%-ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᑐᙵᕕᖃᖅᑐᒥ 2020/21-ᒥ ᑲᑎᓪᓗᒍ

ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 10,653 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒥ, ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᖑᓇᓱᑐᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᑐᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 12.5%−ᖑᓚᐅᖅᐳᖅ.

- ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ ᐅᓄᕐᓂᖓ ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖓᓂ ᒫᓐᓇᐅᔪᒥ ᖁᓛᓃᕐᔪᐊᖅᐳᖅ ᓴᖅᑭᑎᑕᐅᓯᒪᔪᒥ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᑭᖖᒑᕐᓂᖓᓂ. ᒫᓐᓇᐅᔪᒥ ᓴᖅᑭᑎᑕᐅᓯᒪᔪᒥ USR−ᖃᙱᑎᓪᓗᒍ, ᐅᓄᕐᓂᖓ ᐃᓱᒪᒋᔭᐅᕗᖅ ᖃᓄᐃᙱᑦᑎᐊᕐᓂᖏᓐᓂ.

## ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓃᑦ − *ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ*

- ᑲᑎᓪᓗᒍ ᐃᖃᓗᒃᑕᐅᔪᑦ 2020/21−ᒥ 267 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓚᐅᖅᐳᑦ, 32%−ᖑᔪᑦ 840 ᐃᒃᑕᕆᖕᓂᖏᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᐃᖃᓗᒃᑕᐅᔪᑦ ᓇᐃᓴᖅᑕᐅᓯᒪᔪᓂ 2020/21−ᒥ ᐸᕐᓇᒍᑕᐅᕗᑦ.
- ᐃᖃᓗᒐᒃᓴᐅᔪᑦ ᓄᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᖓᓐᓂ ᒪᓕᖕᓂᖃᖅᐳᖅ ᐃᓱᒪᒋᔭᐅᔭᕆᐊᓕᖕᒥ ᐊᕐᕌᒍᓄᑦ ᒪᕐᕉᖕᓄᑦ ᐱᖓᓱᓄᓪᓘᓐᓃᑦ ᖃᓄᐃᓐᓂᐅᔪᒥ ᐱᓕᕆᑦᑎᐊᕈᓐᓇᕐᓂᖓᓂ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᖕᓂ ᐃᓚᒋᔭᐅᔪᒥ ᐃᑲᔪᕈᑎᒃᓴᓄᑦ ᑐᓐᓂᖅᓴᖅᑕᐅᓂᖓᓂ. ᑕᐃᒪᖖᒐᓂ 2017−ᒥ, ᖁᓛᓃᒐᔪᒃᐳᖅ ᐊᑯᓂᐅᔪᒃᑯᑦ ᓇᓕᒎᖓᓂᖓ (14,076 ᐃᒃᑕᕆᖕᓂᖏᑦ) ᐊᒻᒪᓗ 18,803 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ 2020−ᒥ. ᐊᓯᔾᔨᖅᑕᕐᓂᐅᔪᓂ ᐃᖃᓗᒐᒃᓴᐅᔪᑦ ᓄᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᖓᓐᓂ ᐊᔾᔨᒋᙱᑦᑐᓐᓇᕆᕙᖓ ᓴᓂᓕᐊᓂ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓂ ᐃᓂᐅᔪᓂ ᐃᓗᐊᓂ ᑕᐃᑲᓂᑦᑕᐃᓐᓇᖅ ᐊᕐᕌᒎᔪᒥ ᐆᒧᖓ ᐅᓄᕐᓂᖓᓄᑦ.
- ᐊᕐᓇᓗᑯᐃᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ (SSB) ᖁᓛᓃᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔪᒃᑯᑦ ᓇᓕᒎᖓᓂᖓᓂ (9,675 ᐃᒃᑕᕆᖕᓂᖏᑦ) ᐊᒻᒪᓗ 14,437 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ 2020−ᒥ.
- ᐅᓂᒃᑳᖅᑕᐅᔪᑦ ᐊᖑᓇᓱᑐᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᑐᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 2020/21 1.3%−ᖑᓚᐅᖅᐳᖅ 32%−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᑐᖖᒐᕕᖃᖅᑐᒥ 2020/21−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 840 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᒥ, ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᖑᓇᓱᑐᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᑐᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 4.5%−ᖑᓚᐅᖅᐳᖅ.
- *ᐹᓐᑕᓚᔅ ᒫᓐᑕᒍᐃ* ᐅᓄᕐᓂᖓ ᑲᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖓᓂ ᒫᓐᓇᐅᔪᒥ ᖁᓛᓃᕐᔪᐊᖅᐳᖅ ᓴᖅᑭᑎᑕᐅᓯᒪᔪᒥ ᑭᒡᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᑭᖖᒑᕐᓂᖓᓂ. ᒫᓐᓇᐅᔪᒥ ᓴᖅᑭᑎᑕᐅᓯᒪᔪᒥ USR−ᖃᙱᑎᓪᓗᒍ, ᐅᓄᕐᓂᖓ ᐃᓱᒪᒋᔭᐅᕗᖅ ᖃᓄᐃᙱᑦᑎᐊᕐᓂᖏᓐᓂ ᐊᒻᒪᓗ ᐅᓄᕐᓂᖓ ᓄᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᖓᓐᓂ ᒪᓕᖕᓂᖃᖅᐳᖅ ᐃᓱᒪᒋᔭᐅᔭᕆᐊᓕᖕᒥ ᐊᕐᕌᒍᓄᑦ ᒪᕐᕉᖕᓄᑦ ᐱᖓᓱᓄᓪᓘᓐᓃᑦ ᖃᓄᐃᓐᓂᐅᔪᒥ ᐱᓕᕆᑦᑎᐊᕈᓐᓇᕐᓂᖓᓂ, ᐅᓄᕐᓂᖓ ᐃᓱᒪᒋᔭᐅᕗᖅ ᖃᓄᐃᙱᑦᑎᐊᕐᓂᖓᓂ.

## ᐱᓇᖕᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓃᑦ − *ᐹᓐᑕᓚᔅ ᐳᐊᕆᐋᓕᔅ*

- ᑲᑎᓪᓗᒍᐃᖃᓗᒃᑕᐅᔪᑦ 2020/21−ᒥ 625 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ, 20%−ᖑᔪᒥ 3,163 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᐃᖃᓗᒃᑕᐅᔪᑦ ᓇᐃᓴᖅᑕᐅᓯᒪᔪᓂ 2020/21−ᒥ ᐸᕐᓇᒍᑕᐅᕗᑦ.
- ᐃᖃᓗᒐᒃᓴᐅᔪᑦ ᓄᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᖓᓐᓂ 2020−ᒥ ᖁᓛᓃᖏᓐᓇᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔪᒃᑯᑦ ᓇᓕᒎᖓᓂᖓ (19,219 ᐃᒃᑕᕆᖕᓂᖏᑦ) ᐊᒻᒪᓗ 32,835 ᐃᒃᑕᕆᖕᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ.

- ᐊᒃᓇᓗᑯᐃᑦ ᕿᑐᕐᖓᕆᐅᕐᓂᖓᑕ ᐅᓄᕐᓂᖓ ᓇᓗᓇᒃᑯᑕᖓᓂ 2020−ᒥ ᖁᓛᓂᖏᓐᓇᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔫᒃᑯᑦ ᓇᓕᒨᖓᓂᖓ (10,830 ᐃᒃᑕᕆᓐᓂᖏᑦ) ᐊᒻᒪ 17,555 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ.
- ᐅᓂᒃᑳᖅᑕᐅᔪᑦ ᐊᖑᓇᓱᒐᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᖃᕐᓗᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 2020/21 1.9%−ᖑᓚᐅᖅᐳᖅ 20%−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔫᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᑐᙵᕕᖃᖅᑐᒥ 2020/21−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔫᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 3,163 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᒥ, ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᖑᓇᓱᒐᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᖃᕐᓗᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 9.6%−ᖑᓚᐅᖅᐳᖅ.
- *ᐹᓪᓚᕐ ᐳᐊᕆᐋᓕᕐ* ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᒫᓐᓇᐅᔪᒥ ᖁᓛᓃᕐᔪᐊᖅᐳᖅ ᓴᖅᑭᑕᐅᓯᒪᔪᒥ ᑭᓪᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᕿᙰᕐᓂᖓᓂ. ᒫᓐᓇᐅᔪᒥ ᓴᖅᑭᑕᐅᓯᒪᔪᒥ USR−ᖃᙱᑎᓪᓗᒍ, ᐅᓄᕐᓂᖓ ᐃᓯᒪᒋᔭᐅᕗᖅ ᖃᓄᐃᙱᑦᑎᐊᕐᓂᖏᓐᓂ.
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**ᐱᓇᓐᓇᖓᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓅᑦ − *ᐹᓪᓚᕐ ᒫᓐᑕᒍᐃ***

- ᑲᑎᓪᓗᒍ ᐃᖃᓗᒃᑕᐅᔪᑦ 2020/21−ᒥ 3,917 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ, 33%−ᖑᔪᒥ 11,975 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᖑᔪᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔫᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᐃᖃᓗᒃᑕᐅᔪᑦ ᓇᐃᓴᖅᑕᐅᓯᒪᔪᓂ 2020/21−ᒥ ᐸᕐᓇᒍᑕᐅᕗᑦ.
- ᐃᖏᕐᕋᓂᐅᔪᒥ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐃᓂᐅᔪᓂ ᐸᓯᒋᔭᐅᕗᖅ ᐃᑲᔪᖅᓱᐃᓂᖓᓂ ᐊᕐᕋᒍᓄᑦ ᒪᕐᕿᙳᓄᑦ ᐱᖓᓱᓄᓪᓘᓐᓃᑦ ᖃᓄᐃᓐᓂᐅᔪᒥ ᐱᓕᕆᑎᐊᕿᓐᓇᕐᓂᖓᓂ ᐃᖃᓗᖃᒃᓴᐅᔪᑦ ᓄᓇᒥᒃ ᐱᕈᖅᑐᒥᒃ ᓇᓗᓇᒃᑯᑕᖓᓂ. ᐊᑖᓃᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔫᒃᑯᑦ ᓇᓕᒨᖓᓂᖓ 56,609 ᐃᒃᑕᕆᓐᓂᖏᑦ) ᐊᒻᒪ 50,911 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ 2020−ᒥ.
- ᕿᑐᕐᖓᕆᐅᕐᓂᖓᑕ ᐅᓄᕐᓂᖓ ᐊᑖᓃᓚᐅᖅᐳᖅ ᐊᑯᓂᐅᔫᒃᑯᑦ ᓇᓕᒨᖓᓂᖓ (31,640 ᐃᒃᑕᕆᓐᓂᖏᑦ) ᐊᒻᒪ 26,811 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᖑᓚᐅᖅᐳᖅ 2020−ᒥ.
- ᐅᓂᒃᑳᖅᑕᐅᔪᑦ ᐊᖑᓇᓱᒐᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᖃᕐᓗᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 2020/21 7.7%−ᖑᓚᐅᖅᐳᖅ 33%−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔫᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ. ᑐᙵᕕᖃᖅᑐᒥ 2020/21−ᒥ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔫᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ 11,975 ᐃᒃᑕᕆᓐᓂᖏᑦ−ᒥ, ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᖑᓇᓱᒐᕐᓂᕐᒥᒃ ᓱᒃᑲᓂᖃᕐᓗᓂ ᓇᓗᓇᐃᔭᐅᑎᑎᒍᑦ 23.5%−ᖑᓚᐅᖅᐳᖅ.
- *ᒫᓐᓇᐅᔪᒥ ᓴᖅᑭᑕᐅᓯᒪᓂᖓᓂ ᖁᑦᑎᓂᖅᓴᒥ ᖃᔾᔨᐅᓂᖏᓐᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᐹᓪᓚᕐ ᒫᓐᑕᒍᐃ* ᐅᓄᕐᓂᖓ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ ᖁᓛᓂᑉᐳᖅ ᓴᖅᑭᑕᐅᓯᒪᔪᒥ ᑭᓪᓕᖃᖅᑎᑦᑎᓗᓂ ᓇᓗᓇᐃᕐᕕᖓᓂ ᓇᕿᙰᕐᓂᖓᓂ ᐱᔾᔪᑎᓕᖕᒥ ᐅᔾᔫᖅᑐᑦᑎᐊᕋᓱᐊᕐᓗᓂ ᐱᓕᕆᓂᕐᒧᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᓄᑦ.

**ᓇᓗᓇᐃᒃᑯᑎ 1.** ᐃᖃᓗᕐᑯᑕᐅᔪᓄᑦ ᖃᓄᐃᓕᖓᓂᖓᓂ ᓇᓗᓇᐃᒃᑯᑕᐅᔪᑦ *P. borealis*–ᒧᑦ ᐊᒻᒪ *P. montagui*–ᒧᑦ ᑕᐅᕙᓂ ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ (2019-2021).

| ***ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐹᓐᑕᓚᕐ ᐳᐊᕆᐋᓕᕐ*** | | | |
|---|---|---|---|
| | **2021-22** | **2020-21** | **2019-2020** |
| **ᑲᑎᖕᓗᒋᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᔪᑦ ᐱᔭᐅᔪᓐᓇᖅᑐᑦ (TAC) (t)** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 3,163 | 3,163 |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᑲᑎᖕᓗᒧ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 0.0% | 52.1% |
| **ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓ (FB)*** | 32,835 | 20,378 | 21,088 |
| **ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ (SSB)*** | 17,555 | 11,845 | 12,884 |
| **ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᖕᓂ ᐊᖑᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᓗᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 15.5% | 15.0% |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ** | 61.1% | -3.4% | 101.1% |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ** | 48.2% | -8.1% | 147.0% |

| ***ᐱᖓᓐᓇᖓᓂ ᖃᐅᔨᓴᕐᕕᐅᑉ ᐃᓂᖓᓂ ᐹᓐᑕᓚᕐ ᒫᓐᑕᒍᐃ*** | | | |
|---|---|---|---|
| | **2021-22** | **2020-21** | **2019-2020** |
| **ᑲᑎᖕᓗᒋᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᔪᑦ ᐱᔭᐅᔪᓐᓇᖅᑐᑦ (t)** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 11,975 | 11,975 |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᑲᑎᖕᓗᒧ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 0.0% | 95.1% |
| **ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ*** | 50,911 | 64,268 | 79,835 |
| **ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ*** | 26,811 | 29,079 | 47,834 |
| **ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᖕᓂ ᐊᖑᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᓗᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 18.6% | 15.0% |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ*** | -20.8% | -19.5% | 77.7% |
| **%–ᖓ ᐊᓯᔾᔨᕐᓂᖓᓄᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ*** | -7.8% | -39.2% | 57.8% |

*ᐅᓄᕐᓂᖓ ᐊᓯᔾᔩᓂᖓᓂ ᓇᓗᓇᐃᒃᑯᑕᖏᓐᓂ ᑕᑯᒃᓴᐅᑎᑦᑎᕗᑦ ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ (ᓲᕐᓗ 2021-22–ᒥ ᓇᓗᓇᐃᒃᑯᑎᖏᓐᓂ ᐅᑭᐊᒃᓴᒥ 2020–ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ).*

**ᓴᖅᑮᔾᖅᑎᑕᖅ 2.** ᐃᒪᓐᓇᖅᑑᑏᑦ ᐊᑕᖏᕗᒃᑖᖅᕗᒋᑦ ᑲᑎᓗᒃᑖᖅᕗᒋᑦ ᐊᖑᓂᒃᑕᐅᔪᓐᓇᖅᑐᑦ (TAC) ᑕᒪᒃᑯᓄᖓ *ᐸᓐᑕᓚᑦ ᐳᐊᕆᐋᓕᑦ* ᐊᒻᒪᓗ *ᐸᓐᑕᓚᑦ ᒫᓐᑕᒍᐃ* ᐊᕐᕌᒍᐃᑦ ᑕᐃᑲᓂ ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒪᓂ, (2019-2021).

| **ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒪᓂ *ᐸᓐᑕᓚᑦ ᐳᐊᕆᐋᓕᑦ*** | | | |
|---|---|---|---|
| | **2021-22** | **2020-21** | **2019-2020** |
| **ᑲᑎᓪᓗᒋᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᔪᑦ ᐱᔭᐅᔪᓐᓇᖅᑐᑦ (TAC) (t)** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 10,653 | 8,610 |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 23.7% | 9.8% |
| **ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓ (FB)*** | 86,211 | 95,138 | 46,900 |
| **ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ (SSB)*** | 60,531 | 57,143 | 32,842 |
| **ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᖕᓂ ᐊᖑᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᓗᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 11.2% | 18.4% |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ** | -9.4% | 102.9% | 19.6% |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ** | 5.9% | 74.0% | 32.4% |

| **ᑲᓇᖕᓇᖕᒪᓂᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᐃᓂᖕᒪᓂ *ᐸᓐᑕᓚᑦ ᒫᓐᑕᒍᐃ*** | | | |
|---|---|---|---|
| | **2021-22** | **2020-21** | **2019-2020** |
| **ᑲᑎᓪᓗᒋᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᔪᑦ ᐱᔭᐅᔪᓐᓇᖅᑐᑦ (t)** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 840 | 840 |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᑲᑎᓪᓗᒍ ᐱᑎᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᔭᐅᓂᖏᓐᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 0.0% | 0.0% |
| **ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ*** | 18,803 | 8,503 | 20,895 |
| **ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ*** | 14,437 | 4,415 | 13,806 |
| **ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓕᖕᓂ ᐊᖑᓇᓱᓗᐊᕐᓂᕐᒥᒃ ᓱᒃᑲᓕᓂᖃᕐᓗᓂ** | *ᐃᓱᒪᓕᐊᖑᓂᐊᖅᑐᖅ* | 9.9% | 4.0% |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᐱᓇᓱᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᖏᓂᖓᓂ*** | 121.1% | -59.3% | -16.3% |
| **%–ᖓ ᐊᔾᔨᒌᕐᓂᖓᓄᑦ ᕿᑐᕐᖏᐅᕐᓂᖏᑕ ᐅᓄᕐᓂᖓ*** | 227.0% | -68.0% | -16.5% |

**ᐅᓄᕐᓂᖓ ᐊᔾᔩᓂᖓᓂ ᓇᓗᓇᐃᒃᑯᑕᖏᓐᓂ ᑕᑯᒃᓴᐅᑎᑦᑎᕗᑦ ᓯᕗᓂᐊᓂ ᐊᕐᕌᒍᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ (ᓰᕐᓗ 2021-22–ᒥ ᓇᓗᓇᐃᒃᑯᑕᖏᓐᓂ ᐅᑭᐊᒃᓴᒥ 2020–ᒥ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ).*

Minister of
Fisheries and Oceans

Ministre des
Pêches et des Océans

Ottawa, Canada K1A 0E6

JUL 0 5 2013

Mr. Manasie Audlakiak
Acting Chairperson
Nunavut Wildlife Management Board
P.O. Box 1379
Iqaluit, Nunavut
X0A 0H0

Dear Mr. Audlakiak:

Thank you for your letters of May 9 and 14, 2013 regarding the Nunavut Wildlife Management Board's decisions and recommendations on shrimp management in the Nunavut Settlement Area for *Pandalus borealis* and *Pandalus montagui.*

First I would like to commend both the Nunavut Wildlife Management Board (NWMB) and the Nunavik Marine Region Wildlife Board (NMRWB) for the collaboration and cooperation in determining final harvest level decisions for the management units within the respective settlement areas and non –quota limitation decisions for the sustainable management of the shared shrimp resource. The efforts of the NWMB and NMRWB in working towards establishing a sound management structure for the sustainable management of the shared shrimp resource in the north has been appreciated.

I note that the joint decision letter of May 14, 2013 contains both final and initial Board decisions pursuant to the land claims agreements. I also note that the NWMB has provided separately on May 9, 2013 a related decision on the management regime in the Western Assessment Zone and on May 7, 2013 its recommendations on the sub-allocation of Nunavut's share of these shrimp resources. I have addressed each of the decisions and recommendations separately herein for simplicity.

*Harvest levels*

I accept the modified harvest levels in the Nunavut Settlement Area for *P. montagui* (2500t) and *P.borealis* (750t) shrimp for the Nunavut West management unit which represents a 50% share of the established Total Allowable Catch for each shrimp species in the Western Assessment Zone for a three year term (2013 to 2015 inclusive).

I also accept the modified harvest levels in the Nunavut Settlement Area for *P. montagui* (805t) and *P.borealis* (200t) shrimp for Nunavut East management unit which represents a 70% share of the established quota for *P. montagui* and 80% share of the established by-catch quota for *P.borealis* for the Nunavut /Nunavik East management units for a three year term (2013 to 2015 inclusive).

.../2

*Management Regime*

I agree with the joint NWMB and NMRWB recommendation that, for the purpose of commercial shrimp fishing, respective shares in the Nunavut/Nunavik West and East management units are permitted to be fished in either land claims settlement area for a three year term (2013 to 2015 inclusive).

I accept the NWMB's non-quota limitation decision set out in its May 9, 2013 letter to have both P. *montagui* and *P. borealis* shrimp species managed as directed fisheries in the Western Assessment Zone for a three year term (2013 to 2015 inclusive).

With respect to the joint non-quota limitation decision for the conservation of the *P. montagui* shrimp species in the Nunavut/Nunavik East management units, I note that the NWMB has indicated that it is prepared to rescind this decision if the Department advises that this additional conservation measure is unnecessary for the conservation of the shrimp resource in the Resolution Island area. You will recall that the conservation concerns for the *P. montagui* shrimp stock in the area resulted from the old management system which allowed quotas to be fished across management units all of which could be fished near Resolution Island. The new management measures put in place along with the reduction of the Total Allowable Catch for *P. montagui* to 2250t addressed the conservation concerns to my satisfaction. However I am prepared to accept this non-quota limitation decision for the three year term if the NWMB and NMRWB deemed it necessary.

I have asked my officials to provide the NWMB and NMRWB with background information to assist the Boards in evaluating the need for this non-quota limitation.

*Sub-Allocation*

I appreciate the detailed information on how the NWMB determined its sub-allocation recommendations of Nunavut's share of the shrimp resources in the Nunavut East and West management units. I have given considerable deliberation to the NWMB's recommendations, along with other relevant considerations, and have decided to allocate Nunavut's share of the shrimp resources to Baffin Fisheries Coalition for the 2013 season as recommended in your letter of May 7, 2013.

I look forward to continued collaboration with the Board in the management of this important resource.

Sincerely,

Keith Ashfield

Minister of
Fisheries and Oceans

Ministre des
Pêches et des Océans

Ottawa, Canada K1A 0E6

JUL 0 5 2013

Mr. Robbie Tookalak
Acting Chairperson
Nunavik Marine Region Wildlife Board
P.O. Box 433
Inukjuak, Quebec
J1O 1M0

Dear Mr. Tookalak:

Thank you for your letter of May 14, 2013 regarding the Nunavik Marine Region Wildlife Board's decisions and recommendations on shrimp management in the Nunavik Marine Region for *Pandalus borealis* and *Pandalus montagui* and the additional considerations provided in your letter of May 21, 2013.

First I would like to commend both the Nunavik Marine Region Wildlife Board (NMRWB) and the Nunavut Wildlife Management Board (NWMB) for the collaboration and cooperation in determining final harvest level decisions for the management units within the respective settlement areas and non-quota limitation decisions for the sustainable management of the shared shrimp resource. The efforts of the NMRWB and NWMB in working towards establishing a sound management structure for the sustainable management of the shared shrimp resource in the north has been appreciated.

I note that the joint decision letter of May 14, 2013 contains both final and initial Board decisions pursuant to the land claims agreements. I also note that the NMRWB's letter of May 21, 2013 identifies a Board decision on the management regime in the Western Assessment Zone. I have addressed each of the decisions and recommendations separately herein for simplicity.

*Harvest levels*

I understand from your letter of May 21, 2013, that the NMRWB will determine the basic needs level and allocation of the surplus at a later date. I look forward to hearing the Board's decisions on these items subsequently.

In the meantime, I accept the Total Allowable Take levels in the Nunavik Marine Region for *P. montagui* (2500t) and *P.borealis* (750t) shrimp for the Nunavik West management unit which represents a 50% share of the established Total Allowable Catch for each shrimp species in the Western Assessment Zone for a three year term (2013 to 2015 inclusive).

.../2

I also accept the Total Allowable Take levels in the Nunavik Marine Region for *P. montagui* (345t) and *P.borealis* (50t) shrimp for Nunavik East management unit which represents a 30% share of the established quota for *P. montagui* and 20% share of the established by-catch quota for *P.borealis* for the Nunavik /Nunavut East management units for a three year term (2013 to 2015 inclusive).

*Management Regime*

I agree with the joint NMRWB and NWMB recommendation that, for the purpose of commercial shrimp fishing, respective shares in the Nunavut/Nunavik West and East management units are permitted to be fished in either land claims settlement area for a three year term (2013 to 2015 inclusive).

I accept the NMRWB's non-quota limitation decision set out in your May 21, 2013 letter to have both P. *montagui* and *P. borealis* shrimp species managed as directed fisheries in the Western Assessment Zone for a three year term (2013 to 2015 inclusive).

With respect to the joint non-quota limitation decision for the conservation of the *P. montagui* shrimp species in the Nunavik/Nunavut East management units, you will recall that the conservation concerns for the *P. montagui* shrimp stock in the area resulted from the old management system which allowed quotas to be fished across management units all of which could be fished near Resolution Island. The new management measures put in place along with the reduction of the Total Allowable Catch for *P. montagui* to 2250t addressed the conservation concerns to my satisfaction. However I am prepared to accept this non-quota limitation decision for the three year term if the NMRWB and NWMB deemed it necessary.

I have asked my officials to provide the NMRWB and NWMB with background information to assist the Boards in evaluating the need for this non-quota limitation.

I look forward to continued collaboration with the Board in the management of this important resource.

Sincerely,

Keith Ashfield

**ᐅᐃᒍᓯᒪᔪᖅ 4**

| | | 2016/17 | | 2017/18 | | 2018/19 | | 2019/20 | | 2020/21 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ᐆᒪᔪᐃᑦ ᓇᑐᓇᐃᖅᓯᒪᔪᑦ** | **ᑲᒪᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᓚᔪᒃᑐᑦ_ᐅᒥᐊᕐᔪᐊᓄᑦ/ᐱᔭᐅᔪᒪᓂᐅᔪᓄᑦ** | **ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖃᖅᑐᒥᑦ** | **ᐊᖑᓂᒃᑕᐅᔪᑦ** | **ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖃᖅᑐᒥᑦ** | **ᐊᖑᓂᒃᑕᐅᔪᑦ** | **ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖃᖅᑐᒥᑦ** | **ᐊᖑᓂᒃᑕᐅᔪᑦ** | **ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖃᖅᑐᒥᑦ** | **ᐊᖑᓂᒃᑕᐅᔪᑦ** | **ᐱᔭᐅᔪᓐᓇᖅᑐᑦ ᐃᓱᖃᖅᑐᒥᑦ** | **ᐊᖑᓂᒃᑕᐅᔪᑦ** |
| | | | | | | | | | | | |
| ***ᐹᓪᓚᖅ ᐳᐊᓇᐋᓂᖅ*** | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᐃᒪᕕᒃ | 4,813 | 4,852 | 4,813 | 5,009 | 4,013 | 4,503 | 4,737 | 4,511 | 5,250 | 4,917 |
| | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᐃᒪᕕᒃ | 1,604 | 848 | 1,604 | 530 | 802 | 352 | 802 | 4 | 1,000 | 0 |
| | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕗᑦ | 1,604 | 118 | 1,604 | 884 | 1,604 | 215 | 1,604 | 0 | 1,604 | 28 |
| | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕗᑦ | 1,084 | 722 | 1,084 | 928 | 1,084 | 1,127 | 1,084 | 976 | 1,778 | 1,147 |
| | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 120 | 0 | 120 | 0 | 120 | 0 | 120 | 0 | 197 | 0 |
| | ᓄᓇᕗᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 210 | 96.249 | 210 | 67 | 174 | 45 | 210 | 4 | 659 | 389 |
| | ᓄᓇᕕᒃ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 53 | 31.101 | 53 | 66 | 43 | 94 | 53 | 13 | 165 | 167 |
| | ***ᑲᑎᓪᓗᒍ*** | ***9,488*** | ***6,667*** | ***9,488*** | ***7,483*** | ***7,840*** | ***6,337*** | ***8,610*** | ***5,508*** | ***10,653*** | ***6,648*** |
| ***ᐹᓪᓚᖅ ᒫᓪᑕᒍᐃ*** | ᓄᓇᕗᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 301 | 128.562 | 301 | 92 | 301 | 33 | 301 | 76 | 301 | 48 |
| | ᓄᓇᕕᒃ ᑲᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 129 | 115.109 | 129 | 140 | 129 | 3 | 129 | 0 | 129 | 178 |
| | ᕿᑭᖅᑖᓘᑉ ᐃᑭᖕᒐᓄᑦ ᑲᓇᖕᓇᖕᒐᓂᑦ/ᐱᓇᖕᓇᖕᒐᓂ_ᐃᒪᕕᒃ (ᐱᔾᔪᑎᖃᐅᖅᓯᑦᑐᑦ ᐊᖑᓂᒃᑕᐅᔪᑦ) | 410 | 243 | 410 | 71 | 410 | 19 | 410 | 150 | 410 | 131 |
| | ***ᑲᑎᓪᓗᒍ*** | ***840*** | ***486*** | ***840*** | ***304*** | ***840*** | ***55*** | ***840*** | ***225*** | ***840*** | ***348*** |
| | | | | | | | | | | | |
| ***ᐹᓪᓚᖅ ᐳᐊᓇᐋᓂᖅ*** | ᓄᓇᕗᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕗᑦ | 1,040 | 612 | 1,040 | 466 | 1,040 | 485 | 1,582 | 1,236 | 1,582 | 811 |
| | ᓄᓇᕕᒃ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 1,040 | 418 | 1,040 | 452 | 1,040 | 822 | 1,582 | 375 | 1,582 | 555 |
| | ***ᑲᑎᓪᓗᒍ*** | ***2,080*** | ***1,029*** | ***2,080*** | ***918*** | ***2,080*** | ***1,307*** | ***3,163*** | ***1,612*** | ***3,163*** | ***1,366*** |
| ***ᐹᓪᓚᖅ ᒫᓪᑕᒍᐃ*** | ᓄᓇᕗᑦ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕗᑦ | 3,069 | 2,415 | 3,069 | 2,505 | 3,069 | 1,879 | 5,988 | 4,131 | 5,988 | 3,064 |
| | ᓄᓇᕕᒃ ᐱᓇᖕᓇᖕᒐᓂᑦ_ᓄᓇᕕᒃ | 3,069 | 3,245 | 3,069 | 3,104 | 3,069 | 3,648 | 5,988 | 3,983 | 5,988 | 3,504 |
| | ***ᑲᑎᓪᓗᒍ*** | ***6,138*** | ***5,660*** | ***6,138*** | ***5,609*** | ***6,138*** | ***5,527*** | ***11,975*** | ***8,114*** | ***11,975*** | ***6,567*** |