ᑎᑎᕋᕐᓯᒪᓂᖓ 4: ᑐᑭᓯᔭᕐᓂᖅᑐᑦ ᐱᓕᕆᐊᖃᕈᒪᓂᕐᒧᑦ ᓇᓗᓇᐃᔭᕐᓯᒪᔪᑦ

ᐱᓕᕆᐊᑉ ᑕᐃᔭᐅᓂᖓ

ᓯᕗᓂᑦᑎᓐᓂ ᖃᓄᐃᒍᒫᕐᓂᕆᕙᑦᑕᖏᑦ ᐊᒻᒪᓗ ᑐᕐᑯᕐᓇᕐᓯᒍᓐᓇᕐᓂᖏᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᒥ ᓱᕈᕐᓇᖅᑐᑦ: ᖃᓄᖅ ᑭᒃᑯᑐᐃᓐᓇᐃᑦ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓᓂ ᓱᕋᐃᕙᒻᒪᖔᑕ ᐊᒻᒪᓗ ᖃᓄᖅ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᖓ ᓱᕈᐃᖃᑦᑕᕐᒪᖔᖅ ᑭᒃᑯᑐᐃᓐᓇᕐᓂᑦ.

ᖃᐅᔨᓴᖅᑎᐅᑉ ᐊᑎᖓ ᐱᓕᕆᖃᑎᖏᓪᓗ

ᓘᑦᑖᖅ ᓱᑏᕙᓐ ᓱᓱᓕᐊᓄ, ᐃᓕᓴᐃᔨ, ᓄᓇᒥᒃ ᖃᐅᔨᓴᖅᑐᓕᕆᓂᕐᒥᒃ, ᓱᓚᑦᑐᓴᕐᕕᔾᔪᐊᕐᒥ ᓴᓵᑦᑐᐊᓐᒥ

ᐱᓕᕆᐊᑉ ᓱᑯᑦᑎᐊᓃᓐᓂᖓ

ᐱᓕᕆᐊᖃᕋᔭᖅᑐᖅ ᑕᒫᓂ ᓴᓇᙵᐊᕐᕕᒻᒥ, ᐊᐅᓱᐃᑦᑑᑉ ᐅᐊᓐᓇᖓᓂ ᕿᑭᖅᑖᓗᒻᒥ, (Alexandra Fiord, ᖁᑦᑎᑦᑑᑉ ᕿᑭᖅᑕᖓ), ᓄᓇᕗᒥ ᐱᖃᑎᖃᕐᓗᓂ ᖃᐅᔨᓴᕐᕕᒻᒥᒃ ᑕᒫᓃᑦᑐᒥᒃ ᐅᑭᐅᖅᑕᖅᑐᒥ ᓄᓇᑐᐃᓐᓇᕐᒥ ᓱᓇᑕᖃᖅᑑᔾᔭᙱᑦᑐᒥ ᖃᓂᒋᔭᖓᓂ ᐃᓪᓗᑉ, ᐅᔭᕋᖓ ᐃᒪᐃᑦᑑᓪᓗᓂ ᖃᓪᓗᓈᑎᑦ ᑕᑉᐸᐅᖓ ᑎᑭᐅᒪᓪᓗᓂ ᒪᓂᖅᑲᒧᑦ ᑕᒫᓂ 540 ᒦᑕᓂᒃ ᖁᕙᓯᓐᓂᖃᖅᑐᓂ ᑕᓇᐅᕐᒥ ᐃᒪᕐᒥᒃ.

ᐱᕕᖃᕕᖓᑕ ᐋᖅᑭᓯᒪᓂᖓ

ᐱᓕᕆᒋᐊᓯᓛᖅᑐᑦ ᔪᓚᐃ 7, 2012ᒥ - ᐋᒡᒋᓯ 25, 2012ᒧᑦ ᑎᑭᓪᓗᒍ.

ᐱᓕᕆᐊᑉ ᖃᓄᐃᑦᑑᓂᖓ

ᖃᐅᔨᓇᓱᓪᓗᑎᒃ ᖃᓄᖅ ᑭᒃᑯᑐᐃᓐᓇᐃᑦ ᓱᕈᐃᖃᑦᑕᕐᒪᖔᑕ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓᓂᒃ, ᖃᐅᔨᖅᑳᕆᐊᖃᖅᑐᒍᑦ ᓄᓇᐅᑉ ᖃᓄᐃᑦᑑᓂᖓᓂᒃ ᐊᑐᓪᓚᕆᑦᑐᓂᒃ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓᓂ ᓱᓇᑕᖃᖅᑑᔾᔭᙱᑦᑐᒥᑉᐸᑦᑐᓂᑦ. ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓ ᐊᕗᖓᓗᖓᒻᒪᑦ ᕿᑭᖅᑕᖏᓐᓄᑦ ᑎᑭᐅᒪᓪᓗᓂ ᑲᓇᑕᒥ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑭᓯᐊᓂ ᖃᐅᔨᒪᔭᐅᓗᐊᙱᒻᒪᑦ ᓄᓇᖓᑕ ᐆᒪᓂᖏᑦ ᓇᔪᖓᖏᑕᓗ ᐊᕙᑖ ᑕᒫᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ. ᐃᓱᒪᔪᖓ ᐃᓗᐊᓂ ᐊᒻᒪᓗᑭᑕᐅᔨᖓᔪᑦ ᓄᓇᖓᓂ, ᓄᓇᐅᑉ ᐃᑭᐊᖓᓂ, ᐃᔾᔪᒥ ᐱᕈᕐᕕᐅᔪᖃᕐᐸᒻᒪᑦ, ᑕᐃᔭᖅ ᖃᓪᓗᓈᑎᑦ Bhy. ᐃᓱᒪᔪᖓ ᑕᒪᒃᑯᐊ Bhy ᓄᓇᐃᑦ ᐊᑑᑎᖃᓪᓚᕆᑎᐊᓴᖏᓐᓂᒃ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓᓂ ᐱᕈᖅᑐᖃᓗᐊᙱᑦᑐᒥ ᐊᒻᒪᓗ ᐊᑑᑎᖃᓪᓚᕆᑎᐊᓴᖏᓐᓂᒃ ᐊᑯᓂ ᐆᒪᒍᓐᓇᕈᑎᖃᖃᑦᑕᖓᑕ ᑕᒫᓂ ᐊᕙᑖᓂ.

ᐱᔾᔪᑎᖓ

ᐃᓱᒪᒋᒋᐊᙱᕐᓯᒪᔭᕗᑦ ᑕᒪᓐᓇ ᐃᔾᔪ Bhy ᐊᑑᑎᖃᓪᓚᕆᒻᒪᑦ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᖓᓂ ᐱᕈᖅᐸᑦᑐᓄᑦ ᐱᔾᔪᑎᒋᓪᓗᒍ (1) ᐃᒪᐅᑉ ᐅᑎᖅᑕᖃᑦᑕᕐᓂᖓ ᓄᓇᒧᑦ ᐃᒫᓄᓪᓗ ᓯᓚᒧᓪᓗ ᑕᒫᓂ ᐱᓗᐊᕐᓂᖏᓐᓂ, ᓂᓪᓚᓱᓐᓂᖓ ᐆᓇᕐᓂᓗᖓᓗ ᖁᕙᓯᐸᑦᑐᓂ ᐊᒻᒪᓗ ᖃᐅᓯᕐᓂᖓ ᐊᒻᒪᓗ ᐊᓯᔾᔨᖅᑕᖃᑦᑕᕐᓂᖓ C ᐊᒻᒪᓗ N, ᐊᒻᒪᓗ ᑕᐃᒪᐃᒻᒪᑦ (2) ᐊᑑᑎᖃᓗᐊᙱᐊᑐᓴᐅᓪᓗᑎᒃ ᐱᕈᕈᑎᒋᕙᑦᑕᖏᓐᓄᑦ (N and P) ᐃᑦᑎᖃᕐᐸᑦᑐᓄᑦ ᐱᕈᖅᑐᓄᑦ, ᐊᑑᑎᖃᓪᓚᕆᑦᑐᑎᒃ ᐊᕙᑎᒥ ᐆᒪᓂᓕᓐᓄᑦ ᐊᕙᑎᖏᓐᓄᓪᓗ ᐊᐅᓚᓂᕆᕙᑦᑕᖏᓐᓄᑦ.

ᑐᕌᖓᖏᑦ ᐱᔾᔪᑎᖏᓪᓗ

ᐱᔾᔪᑎᕗᑦ ᐃᒪᐃᑦᑑᒻᒪᑕ (1) ᓇᓗᓇᐃᕈᒪᓪᓗᒋᑦ ᖃᓄᖅ ᓄᓇᒥ ᐃᔾᔪᐃᑦ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᐅᓯᖃᓲᖑᒻᒪᖔᑕ, (2) ᓇᓗᓇᐃᕈᒪᓪᓗᒋᑦ N ᐱᐅᓯᖃᖃᑦᑕᕐᒪᖔᖅ ᓄᓇᒥ ᐃᔾᔪᒥ, (3) ᓇᓗᓇᐃᕈᒪᓪᓗᒋᑦ ᓄᑭᕈᖏᑦ ᓇᒧᙱᐸᓪᓕᐊᕙᒻᒪᖔᑕ ᐃᔾᔪᒃᑯᑦ ᐊᒻᒪᓗ ᖃᓄᖅ ᐊᑦᑐᐊᓂᖃᕐᒪᖔᑦ Bhy ᐃᔾᔪᓄᑦ ᐊᒻᒪᓗ (4) ᖃᐅᔨᓴᕐᓗᒋᑦ ᐊᑦᑐᐊᓂᖏᑦ ᐱᕈᖅᑐᑦ ᓯᕿᓂᕐᒧᑦ ᐊᑭᒻᒥᓂᖓᓄᑦ ᐱᕈᖅᐸᓪᓕᐊᖃᑦᑕᕐᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐱᕈᖅᑐᒦᙱᖅᑐᑦ ᖃᓄᖅ ᐱᕙᓪᓕᐊᖃᑦᑕᕐᒪᖔᑕ.

ᐃᖏᕐᕋᔾᔪᑎᐅᒐᔭᖅᑐᑦ

ᖃᖓᑕᓲᕐᒥᒃ ᐊᑐᕋᔭᖅᑐᑦ ᐅᓯᔭᐅᓗᑎᒃ ᐃᖅᑲᓇᐃᔭᖅᑏᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐅᑎᖏᑦ ᑕᒻᒫᕐᓯᒪᕕᒋᓂᐊᖅᑕᖓᓐᓄᑦ ᑕᒫᓂ Alexandra Fjord. ᖁᑖᒍᓕᒻᒥᒃ ᐊᑐᕋᔭᖅᑐᑦ ᑕᐅᕗᖓᐅᔾᔨᓗᑎᒃ ᐊᒻᒪᓗ ᐋᕐᓯᔭᖅᑐᕐᓗᑎᒃ ᖃᐅᔨᓴᐅᑎᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐊᐅᓪᓕᕐᓯᒪᔪᕐᓯᐅᑎᖏᓐᓂᒃ ᖃᓂᒋᔭᖓᓄᑦ ᐃᓪᓗᑉ ᐱᒋᐊᓕᕋᑖᖅᑎᓪᓗᒋᑦ ᐃᓱᐊᓂᓗ ᐱᓕᕆᓂᕆᓂᐊᖅᑕᖓᑕ.

ᑭᓱᑐᐃᓐᓇᕐᒥᑦ ᓇᕐᐸᐃᒍᑎᒃ (ᐋᖅᑭᓯᒪᐃᓐᓇᓂᐊᖅᑐᒥᒃ/ ᐋᖅᑭᓯᒪᑲᐃᓐᓇᑐᐃᓐᓇᓂᐊᖅᑐᒥᒃ)

ᑕᓪᓕᒪᓄᑦ ᑎᑭᐅᒪᒐᔭᖅᑐᑦ ᑐᐱᕋᒫᑦ ᓱᓂᕝᕕᐅᖃᑦᑕᕋᔭᖅᑐᑦ ᐊᒻᒪᓗ 1 ᐊᑯᓐᓈᕐᕈᔪᖅ ᑐᐱᖅ ᓂᖅᑎᐅᕕᐅᖃᑦᑕᕋᔭᖅᑐᓂ ᖃᐅᔨᓴᕐᕕᐅᓂᐊᖅᑐᒥ ᐃᓪᓗᒥ ᐃᖅᑲᓇᐃᔭᕐᓂᖏᓐᓂ. ᑕᒪᕐᒥᒃ ᑐᐲᑦ ᖃᐅᔨᓴᐅᑏᓪᓗ ᐲᖅᑕᐅᒐᔭᖅᑐᑦ ᐱᓕᕆᔭᕇᖅᑲᑕ.

ᐱᓕᕆᔾᔪᓯᐅᒐᔭᖅᑐᖅ

ᓄᐊᑦᑎᒐᔭᖅᑐᒍᑦ ᑕᒪᒃᑮᓐᓂᒃ ᓄᓇᐅᑉ ᖄᖓᓃᑦᑐᒥᒃ ᐃᑭᐊᖓᓃᑦᑐᓂᓪᓗ ᖃᐅᔨᓴᕋᔭᓴᓂᑦ ᐊᒻᒪᓗ ᐆᑦᑐᖃᑦᑕᕐᓗᑎᑦ ᒫᓲᑦ ᖁᓛᓃᑦᑐᑦ ᐃᑭᐊᖓᓃᑦᑐᓂᓪᓗ ᓄᓇᐅᑉ.

ᑐᑭᓯᐅᒪᔾᔪᑎᔅᓴᐃᑦ

ᕿᓚᒻᒥᐅᔪᒥ ᑖᒃᑯᐊ ᑐᑭᓯᐅᒪᔾᔪᑎᔅᓴᐃᑦ ᑲᔪᓯᑎᑦᑎᒐᔭᖅᖓᑕ ᓇᓗᓇᐃᕐᓯᒪᔭᑦᑎᓐᓂᒃ ᐱᔾᔪᑎᑦᑎᓐᓂᒃ. ᐊᑯᓃᖅᑐᒥᓪᓕ ᑖᒃᑯᐊ ᑐᑭᓯᐅᒪᔾᔪᑎᔅᓴᐃᑦ ᑐᑭᓯᐅᒪᔾᔪᑕᐅᔭᕆᐊᓕᓐᓂᑦ ᑐᑭᓯᑎᑦᑎᒍᑕᐅᒐᔭᖅᖓᑕ ᓇᓗᓇᐃᕐᓯᓂᕐᒧᑦ ᐊᒻᒪᓗ ᓇᓪᓕᐊᖅᒫᒻᒪᖔᑕ ᓱᕈᕐᓇᖅᑐᓄᑦ ᐊᑐᖅᑕᐅᕙᑦᑐᑦ ᐃᔾᔪᓂᑦ, ᖃᓄᕐᓗ ᐳᔪᕐᓗᐃᑦ ᓄᓇᒧᕐᐸᑦᑐᑦ ᐃᔾᔪᒧᑦ ᐃᓄᓐᓅᖃᑦᑕᕐᒪᖔᑕ ᐊᒻᒪᓗ ᐋᖅᑭᒋᐊᕈᑎᔅᓴᐅᒐᔭᖅᖓᑕ ᐊᕙᑎᓕᕆᓂᕐᒥᒃ ᓴᐳᔾᔨᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᒐᔪᐸᑦᑐᓂᒃ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ.

ᑐᓴᖅᑎᑦᑎᓂᖅ

ᖃᐅᔨᓴᕐᓂᑎᓐᓂ ᖃᐅᔨᒍᑎᒥᓂᕗᑦ ᐊᑐᐃᓐᓇᐅᑎᓛᕋᑦᑎᒍ ᓄᓇᕗᒥ ᖃᐅᔨᓴᖅᑐᓕᕆᔨᒃᑯᓐᓄᑦ ᐊᒻᒪᓗ ᓴᖅᑭᕈᒫᕐᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᕈᑎᑦᑎᓐᓂ ᖃᐅᔨᒍᑎᒥᓂᕗᑦ ᖃᐅᔨᓴᖅᑐᓕᕆᓂᕐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᒍᑕᐅᓪᓕᕆᖃᑦᑕᖅᑐᓄᑦ.