ᑕᕆᐅᑉ ᐃᒫᓂ ᑕᖅᑲᒪᓂ ᑐᓴᖅᓴᐅᔪᖅᑲᕈᓐᓇᕐᓂᖓ ᐊᒻᒪᓗ ᑐᓴᖅᓴᐅᕙᓗᖅᑕᐃᓐᓇᕐᓂᖏᑦ ᐅᒥᐊᕐᔪᐊᑦ ᑕᐅᕙᓂ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᓂ, ᐅᐊᖕᓇᖅᐸᓯᖓᑕ ᑲᓇᖕᓇᖓᓂ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖅᐸᓯᐅᓂᖓᓂ

ᓵᓯᐊ ᔾᔫᓴ

ᑕᕆᐅᕐᒥ ᖃᐅᔨᓴᕐᕕᖕᒐᑦ, Scripps-ᑯᑦ ᐃᓕᓴᕐᕕᒡᔪᐊᖓᓂ ᑕᕆᐅᕐᒥ ᐃᒪᕐᓂ ᐆᒪᔪᖃᕐᓂᖏᓐᓂᓗ ᐃᒪᖏᓐᓂ

ᐃᓕᓐᓂᐊᕐᕕᒡᔪᐊᕆᔭᐅᓂᖅᐹᖓᓂ ᑳᓕᕗᐊᓐᓂᐊᒥ, ᓴᓐ ᑎᐊᒍ, ᓚᔭᓚᒥ, ᑳᓕᕗᐊᓂᐊ 92093-0205

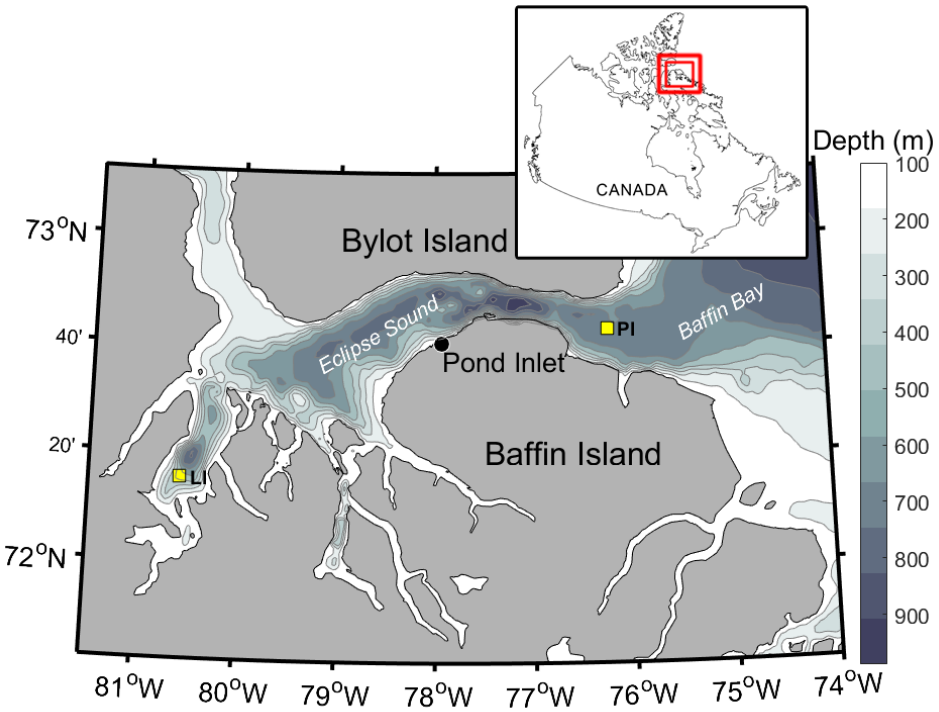
ᑐᑭᓯᓇᕐᓂᖅᓴᐅᔪᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐅᓂᒃᑳᓕᐊᑦ ᓇᐃᓈᖅᓯᒪᔪᑦ

ᑮᓇᐅᔭᓕᐅᕈᑕᐅᕙᒃᑐᓂᒃ ᐅᒥᐊᕐᔪᐊᖃᖅᐸᓪᓕᐊᑐᐃᓐᓇᖕᓂᖓᓄᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖅᐸᓯᖓᑕ ᑲᓇᖕᓇᐅᓂᖓᓂ, ᐃᓱᒫᓗᑕᐅᕙᓪᓕᐊᖓᑕ ᑕᒪᑯᐊ ᐊᓯᔾᔨᖅᑕᐅᕙᓪᓕᐊᓂᖏᑦ ᑕᕆᐅᕐᒥ ᐃᒪᕐᒥ ᐃᓗᐊᓂ ᑕᖃᒪᓂ ᑐᓴᖅᓴᐅᔪᖃᕈᓐᓇᕐᓂᖓᓂᒃ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓇᕐᓂᖏᓐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᐃᑦ.

ᑖᒃᑯᓇᓂ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓂᖏᓐᓂ, ᑕᖅᑲᒪᓂ ᐃᒪᐅᑉ ᐃᕿᖓᓂ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᒪᑕ ᑐᓴᖅᓴᐅᖃᑕᖅᑎᒋᕙᖕᓂᖏᓐᓂ ᐅᒥᐊᕐᔪᐊᑦ ᐊᔾᔨᒌᖏᑦᑑᑦ ᓯᑕᒪᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᔪᑦ (ᐅᕐᑯᒪᐃᑦᑐᓂᒃ ᐅᓯᔨᐅᕙᒃᑐᓂᒃ, ᐱᕐᑯᑎᓂᒃ ᖃᓄᐃᑐᑐᐃᓐᓇᕐᓂᒃ ᐅᓯᔨᓂᒃ, ᐅᖅᓱᐊᓗᖃᑕᐅᑎᓂᒃ ᐃᓚᒃᓴᔭᖃᖅᑐᓂᒡᓗ ᐅᖅᓱᐊᓗᖃᑕᐅᑎᐊᓗᐃᑦ ᐅᒥᐊᕐᔪᐊᖏᓂᒃ ᐊᒻᒪᓗ ᓯᑯᓯᐅᑏᑦ ᓯᑯᑰᕈᓐᓇᕐᓂᖏᓐᓂᒃ) ᑕᐅᕗᓇᖃᑕᖅᑐᑦ ᑕᓯᐅᔭᒍᑦ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᒍᑦ, ᓄᓇᕗᒻᒥ ᐅᒥᐊᕐᔪᖃᕐᕕᐅᔪᓐᓇᖃᑦᑕᕐᓂᖓᓂ ᑕᕿᖏᓐᓂ ᑕᒫᓂ ᐊᒃᑑᐱᕆ 2018-ᒥ ᑕᒪᐅᖓ ᑎᑭᓪᓗᒍ ᓯᑎᐱᕆ, 2019-ᒧᑦ. ᐊᔾᔨᒌᖏᓐᓂᖏᓐᓂᒃ ᑐᓴᖅᓴᐅᔪᖃᕈᓐᓇᕐᓂᖏᓐᓂᒃ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓂ, ᐅᒥᐊᕐᔪᖃᕐᕕᐅᔪᓐᓇᕐᓂᖏᓐᓂ ᐊᒻᒪᓗ ᐅᒥᐊᕐᔪᐊᖃᕐᕕᐅᔪᓐᓇᐃᓕᓯᒪᕙᖕᓂᖏᓐᓂ, ᑕᕿᑕᒫᒃᑯᑦ (ᔪᓚᐃ, ᐋᒐᓯ, ᓯᑎᐱᕆ, ᐊᒃᑑᐱᕆᒥᓗ) ᐆᒃᑐᕋᖅᑕᐅᓚᐅᕐᒪᑕ ᑕᐅᕙᓂ ᐅᒥᐊᕐᔪᐊᖅᑕᖃᖅᑎᓪᓗᒍ, ᐅᒥᐊᕐᔪᐊᖃᕈᓃᖅᑎᓪᓗᒍᓗ ᐊᑐᖅᓱᑎᒃ

ᓂᐱᓕᐅᕈᓐᓇᖅᑎᒋᔪᓂᒃ 40 ᑭᓛᒥᑕᓂᒃ ᐅᖓᓯᖕᓂᓕᖕᒥᒃ. ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖕᒋᓐᓂᒃ ᖃᐅᔨᒪᔾᔪᑎᒃᓴᐃᑦ ᑲᑎᖅᓱᖅᑕᐅᓚᐅᖅᑐᑦ ᑕᐅᕙᖓᑦ ᒪᕐᕉᖕᓂᒃ ᐅᒥᐊᕐᔪᐊᒃᑰᕐᕕᐅᒐᔪᒃᑑᖕᓂᒃ (ᑕᑯᔭᒃᓴᕐᒦᑦᑐᖅ 1-ᒥ) ᐊᑐᖅᓱᑎᒃ ᐃᕿᖓᓂ ᑕᕆᐅᕋᓗᐊᑕ ᓇᑎᐊᓂᒃ ᑐᖓᔪᓂᒃ ᑐᓴᖅᓴᐅᔪᓂᒃ ᓂᐱᓕᐅᕈᓐᓇᖅᑐᓂᒃ. ᑕᐃᒃᑯᐊ ᓂᐱᓕᐅᕈᑎᓖᑦ ᑐᓵᔾᔪᑎᑐᐃᓐᓇᐅᕗᑦ, ᑐᓴᖅᓴᐅᑎᑦᑎᕙᓚᐅᓐᖕᒋᑦᑐᑦ ᐃᒪᕐᒦᓐᓂᖕᒋᓐᓂ ᐊᓯᖕᒋᓐᓂᒃ ᑕᐃᒃᑯᓇᖓᑦ 10-ᒥᓂᑦᓯᓂᒃ ᐊᑯᓂᐅᓂᓕᖕᒥᒃ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓕᕐᓂᖕᒋᓐᓂᒃ ᑕᕆᐅᕐᒥᒃ, ᐊᕐᕋᒍᑕᒫᖅ.

ᐅᒥᐊᕐᔪᐊᑦ ᐃᖕᒋᕋᕙᖕᓂᖕᒋᓐᓂ ᑕᐅᕗᓇ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖕᒋᖅᓱᐊᕐᔪᐊᕐᒍᑦ ᖃᓪᓗᓈᑎᑐᑦ ᑕᐃᔭᐅᔪᒥ Eclipse Sound-ᒥ, ᐅᒥᐊᕐᔪᐊᑦ ᓇᓃᓐᓂᖕᒋᓐᓂᒃ, ᓱᒃᑲᓕᑎᒋᓂᖕᒋᓐᓂᒃ, ᓇᒧᑦ ᑐᕌᖓᓂᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᐅᒥᐊᕐᔪᐊᑉ ᑐᖓᕕᖓᓂ ᐃᒪᕐᒥᒃ ᐳᑦᑕᓂᖃᕐᕕᒋᔭᖓᓂᒃ ᑐᑭᓯᐅᒪᔾᔪᑎᒃᓴᓂᒃ ᖃᐅᔨᒪᔾᔪᑎᒃᓴᓂᒃᑕᐅᕙᓪᓕᐊᖃᑕᐃᓐᓇᓚᐅᖅᑐᑦ ᑕᒪᐃᓐᓂᒃ ᐊᖕᒋᔫᑎᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᓂᒃ ᐊᑐᖅᓂᖕᒋᓐᓂ ᖃᓇᑕᐅᔭᒃᑰᖅᑐᓂᒃ. ᑕᒪᒃᑯᐊ ᖃᐅᔨᒪᔾᔪᑎᒃᓴᓂᒃᑕᐅᓂᖕᒋᑦ ᐃᓚᔭᐅᓕᓚᐅᖅᑐᑦ ᑐᓴᖅᓴᐅᖃᑦᑕᓚᐅᕐᓂᖕᒋᓐᓂᒃ ᑕᓇᐅᖓᑕ ᐃᕿᖓᓂ ᑕᖅᑲᒪᓂ ᐃᒪᐅᑉ ᐃᓗᐊᓂ ᑐᑭᓯᓇᖅᓯᔪᓐᓇᕐᑯᓪᓗᒋᑦ ᐊᑐᓂ ᐅᒥᐊᕐᔪᐊᑦ ᑐᓴᖅᓴᐅᔪᖃᐃᓐᓇᕈᓐᓇᕐᓂᖕᒋᑦ ᐃᖕᒋᕋᕙᓪᓕᐊᓂᖕᒋᓐᓂ. ᐅᒥᐊᕐᔪᐊᓂᖕᒫᖅᑐᑦ ᑐᓴᖅᓴᐅᕙᖕᓂᖕᒋᑦ ᐆᒃᑐᕋᖅᑕᐅᓯᒪᓚᐅᖅᑐᑦ ᐱᖓᓱᓂᒃ ᐊᑐᖅᓱᑎᒃ ᐊᔾᔨᒌᖕᒋᑦᑑᑎᐅᔪᓂᒃ ᖃᐅᔨᓴᕈᑎᓂᒃ, ᖃᐅᔨᔪᒪᓪᓗᑎᒃ ᖃᓄᑎᒋ ᐸᒡᕕᓴᕈᑕᐅᔪᓐᓇᕐᒪᖔᑕ ᑕᕆᐅᕐᒥ ᐆᒪᔪᐃᑦ ᐱᐅᓯᑐᖃᕆᔭᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ



ᑕᑯᔭᒃᓴᓕᐊᖅ 1. ᐃᒪᕐᒥ ᑕᖅᑲᒪᓂ ᑐᓴᖅᓴᐅᔪᖅᑲᕐᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᕕᐅᓚᐅᖅᑐᑦ ᑕᐅᕙᓂ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᓂ. ᖃᑎᖏᓐᓂᖅᓴᐅᓂᕋᖅᑕᐅᕙᒃᑐᓂᒃ ᓂᐱᓕᐅᕈᑏᑦ ᐃᓕᐅᖃᖅᑕᐅᓚᐅᖅᑐᑦ ᑕᐅᕙᓂ ᒥᑦᑎᒪᑕᓕᖕᒥ (PI; ᐃᑎᓂᓕᖕᒥ 670 ᒦᑕᓕᖕᓂᒃ) ᑕᒫᖓᑦ ᓯᑎᐱᕆ 28, 2018-ᒥᒃ ᑎᑭᓪᓗᒍ ᑕᒪᐅᖓ ᓯᑎᐱᕆ 21, 2019-ᒧᑦ. ᐊᓯᐊᓂᒃᑕᐅᖅ ᑐᒡᓕᕆᔭᒥᒃ ᐃᓕᓯᓯᒪᓚᐅᕐᒥᔪᑦ ᑕᐅᕙᓂ ᕿᓐᖑᐊᓂ (ᕿᓐᖑᐊᓂ; ᐃᑎᓂᓕᖕᒥ 313 ᒦᑕᓂᒃ ᑕᖃᒧᖓ), ᓂᐱᓕᐅᕐᕕᐅᓚᐅᖅᑐᖅ ᑕᒫᖓᑦ ᓯᑎᐱᕆ 29, 2018-ᒥᒃ ᑕᒪᐅᖓ ᑎᓪᓗᒍ ᐋᒐᓯ 18, 2019.-ᒧᑦ ᑕᐃᒃᑯᐊ ᓂᐱᓕᐅᖅᐸᓪᓕᐊᔾᔪᑏᑦ ᑐᓵᔾᔨᔪᑐᐃᓐᓇᐅᕗᑦ, ᑐᓴᖅᓴᐅᑎᑦᑎᕙᓚᐅᓐᖏᑦᑐᑦ ᐃᒪᕐᒦᓐᓂᖏᓐᓂ ᐊᓯᖏᓐᓂᒃ ᑕᐃᒃᑯᓇᖓᑦ 10-ᒥᓂᑦᓯᓂᒃ ᐊᑯᓂᐅᓂᓕᖕᒥᒃ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓕᕐᓂᖏᓐᓂᒃ ᑕᕆᐅᕐᒥᒃ ᐊᕐᕋᒍᑕᒫᖅ.

POND INLET – ᒥᑎᒪᑕᓕᒃ

ᓇᓚᐅᑦᑖᕈᓐᓇᕈᒪᓪᓗᒋᑦ ᖃᓪᓕᐅᑎᓯᒪᓗᑕᐅᓕᕈᓐᓇᕐᓂᖏᑦ ᑐᓴᐅᒪᖃᐅᑕᐅᑏᓐᓇᕈᓐᓇᕐᓂᖏᓐᓄᑦ ᑐᒫᓕᑦ ᕿᓚᓗᒐᐃᑦ (ᐅᕕᖏᐊᕐᕙᓗᖃᑕᕐᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᓂᓕᐊᓯᑲᓪᓚᒃᑑᔾᔭᖅᐸᖕᓂᖏᓐᓂᒃ ᑐᓴᖅᓴᐅᑎᑦᑎᕙᒃᓯᑎᒃ)

ᑕᒪᒃᑯᓄᖓᓗ ᖃᐅᔨᓴᖅᓱᑎᒃ ᑐᓵᔪᓐᓇᐃᓕᓗᑕᐅᓕᕈᓐᓇᕐᓂᖏᓐᓂᒃ ᓇᑦᑎᕐᓄᑦ (ᕿᓗᒡᔪᓗᖃᑦᑕᕐᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐃᖅᓱᓵᕐᔪᓗᒃᑑᔭᖃᑦᑕᕐᓂᖏᓐᓂᒃ).

ᑕᒪᕐᒥᒃ ᐆᒪᔪᐃᑦ ᐱᐅᓯᕆᔭᖏᓐᓂᒃ ᐸᒡᕕᓴᒃᑕᐅᖃᑦᑕᕐᓂᖏᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᕙᖕᓂᖏᑦ ᖃᑦᓕᐅᑎᔭᐅᓯᒪᖃᑕᕈᓐᓇᕐᓂᖏᑦ ᑲᒪᒋᓗᒋᑦ ᐱᔭᕆᐊᑐᔫᕗᑦ, ᑐᑭᓯᐅᒪᔭᐅᑦᑎᐊᕋᑎᒡᓗ. ᑕᐃᒃᑯᓂᖓ ᑲᒪᒋᔭᐅᓂᖏᓐᓂ ᑐᒐᓖᑦ ᕿᓚᓗᒐᐃᑦ, ᑕᒪᐃᓐᓄᑦ ᑐᕋᖓᔪᓂᒃ ᓇᓗᓇᐃᒃᑯᑕᖃᓕᐅᓚᐅᖅᑐᑦ ᒪᓕᒃᑕᐅᔪᒃᓴᓕᐊᕆᔭᐅᓪᓗᑎᒃ, ᑲᑎᑕᐅᓚᐅᖅᓱᑎᒃ ᓴᕿᓯᒪᓚᐅᖅᑐᑦ ᐊᒥᓲᔪᑦ ᖃᐅᔨᓴᓚᐅᖅᑐᓂᒃ. ᑕᒪᒃᑯᐊ ᒪᓕᒃᑕᐅᓪᓗᑎᒃ, ᑐᒐᓕᑦ ᕿᓚᓗᒐᐃᑦ ᐱᐅᓯᕆᕙᒃᑕᖏᑦ ᐸᒡᕕᓴᒃᑕᐅᓯᒪᓂᐊᕋᓱᒋᔭᐅᕗᑦ ᑐᓴᖅᓴᐅᔪᖃᐃᓐᓇᕈᓐᓇᕐᓂᖏᓐᓄᑦ ᓴᖏᓂᖃᖅᑎᒋᔪᓂᒃ ᑕᒫᓃᑦᑐᓐᓂᒃ 120-ᓂᒃ ᐅᒃᑐᕋᐅᑎᓕᖕᓂᒃ ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖏᓐᓂᒃ (ᖃᐅᔨᓴᖅᑎᓐᓄᓪᓗ ᓇᓗᓇᐃᒃᑯᑕᖃᖅᑎᑕᐅᕙᒃᑐᓂᒃ ᑕᐅᔭᐅᔪᓂᒃ ᐆᒃᑐᕋᐅᑎᖏᓐᓄᑦ ᐃᒫᒃ 1 microPascal (ᓇᐃᓈᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᑎᑎᖃᖃᓲᑦ ᐃᒪᐃᓕᖓᔪᓂᒃ dB re 1 mPa-ᒥᒃ ᓈᓴᐅᑎᓕᖕᒥ ᐆᒃᑐᕋᕈᑕᐅᕙᒃᑐᓂᒃ) ᐆᒪᔪᐃᓪᓗ ᑕᐅᕙᓃᑦᑕᐃᓕᒪᓕᕈᓇᖅᓱᑎᒃ ᑐᓴᖅᓴᐅᔪᓐᓇᐃᓕᓯᒪᓂᖓᓄᑦ ᑎᑭᐅᒪᓕᕋᖓᒥᒃ ᑐᓴᖅᓴᐅᑎᒋᔪᓇᕐᓂᖏᓐᓂ ᐆᒃᑐᕋᑕᐅᑎᖃᖅᑐᓂᒃ ᑎᑭᐅᒪᓕᕈᑎᒃ ᐃᒫᑎᒋ ᓇᓗᓇᐃᒃᑯᑦᑎᖅᑕᐅᓯᒪᔪᓂᒃ ᖃᓪᓗᓈᑦ ᖃᐅᔨᓴᕈᑎᖏᓐᓄᑦ ᓈᓴᐅᑎᓕᖕᒥᒃ 135 dB re 1 mPa. ᐆᒪᔪᐃᑦ ᐸᒡᕕᓴᒃᑕᐅᖃᑦᑕᕐᓂᖏᑦ ᐊᒻᒪᓗ ᑕᐅᕙᓐᓃᑕᐃᓕᒪᖃᑦᑕᕐᓂᖏᑦ ᐱᔭᕆᐊᑐᕗᑦ ᑐᕿᓯᓇᓱᐊᖅᓱᒋᑦ. ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᐃᑦ, ᑕᒪᒃᑯᐊ ᐃᓚᐅᓗᑎᒃ ᑐᒐᓖᑦ ᕿᓚᓗᒐᐃᑦ, ᐊᒻᒪᓗ ᖃᑯᖅᑐᑦ ᕿᓇᓗᒐᐃᑦ, ᐊᔾᔨᒌᖏᑦᑐᓂᒃ ᖃᓄᐃᓕᐅᕆᐊᓕᖃᑦᑕᕐᒪᑕ ᑕᐃᒃᑯᓂᖓᑦᓴᐃᓐᓇᖅ ᑐᓴᖅᓴᐅᓂᖃᖅᑎᒋᔪᓄᑦ ᐊᔾᔨᒌᖏᑦᑐᓄᑦ ᖃᓄᐃᓕᖓᓂᖏᓐᓂ. ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖏᓐᓂ ᓂᐱᕐᑯᖅᑐᓂᖏᑦ ᐱᔾᔪᑕᐅᕙᒃᑐᑦ ᑕᐅᕙᓂ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᓂ Eclipse Sound-ᒥ ᑐᒐᓖᑦ ᐸᒡᕕᓴᖅᑕᐅᓯᒪᔪᓐᓇᖅᑑᔭᕐᓂᖏᓐᓄᑦ ᐅᕝᕙᓗᓐᓃᑦ ᑕᐅᕗᖓᐅᑕᐃᓕᒪᔾᔪᑕᐅᖃᑦᑕᕐᓂᖏᑦ ᖃᐅᔨᒪᔭᐅᖏᒻᒪᑕ, ᑭᓯᐊᓂ ᑲᒪᒋᔭᐅᕙᓪᓕᐊᖏᓐᓇᖅᑐᑦ ᐱᐅᓯᕆᕙᒃᑕᖏᓪᓗ ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᕐᒥᒃᓗ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᖃᐅᔨᓴᖅᑕᐅᓂᖏᓐᓂ.

ᑐᓴᖅᓴᐅᔪᓐᓇᐃᓕᔪᓐᓇᕐᓂᖏᑦ ᖃᑦᓕᐅᑎᔭᐅᓯᒪᓂᕐᒧᑦ ᑕᐃᒪᐃᓕᖃᑕᖅᑐᑦ ᐊᓯᖏᓐᓂᒃᑕᐅᖅ ᑐᓴᖅᓴᐅᖃᑕᐅᔪᖃᓕᕋᖕᒐᑦ, ᑕᐃᒫᑦᓴᐃᓐᓇᖅ ᓂᐱᖅᑯᖅᑐᑎᒋᔪᓂ ᑐᓵᔭᐅᔪᒪᔫᒐᓗᐊᓂᒃ. ᑕᒪᒃᑯᐊ ᑐᓴᖅᓴᐅᖃᑕᕐᓂᖏᑦ ᖃᑎᑭᐸᒃᑐᑦ - ᐅᕝᕙᓗᓐᓃᑦ ᖃᑎᑐᔫᔪᓐᓇᕐᒥᔪᑦ. ᖃᑦᓕᐅᑎᔭᐅᓂᕋᐃᕙᒃᑐᒍᑦ ᖃᖓᑐᐃᓐᓇᖅ ᐊᓯᖓᖏᑦ ᑐᓴᖅᓴᐅᖃᑕᐅᔪᑦ ᑕᐃᒃᑯᓇᖓᑦ ᑐᓵᔪᒪᔭᑎᓐᓂᒃ, ᓂᐱᖅᑯᖅᑐᓂᖅᓴᐅᓕᕋᖓᒥᒃ ᐅᕙᑦᑎᓐᓄᑦ ᑐᓵᔭᐅᔪᓐᓇᕐᓂᖅ. ᑐᓴᐅᒪᖃᑕᐅᑎᕙᖕᓂᖏᓐᓂᒃ ᖃᑦᓕᐅᑎᓯᒪᓕᕈᑕᐅᕙᒃᑐᑦ ᐱᔾᔪᑎᖃᕐᓂᖏᑦ ᑐᑭᓯᐅᒪᔭᐅᑦᑎᐊᖏᓗᐊᖅᐳᑦ ᓱᓕ ᑕᒪᒃᑯᓇᓂ ᑕᕆᐅᕐᒥᐅᑕᓂᒃ ᐆᒪᔪᓂᒃ ᑭᓯᐊᓂ ᕿᒥᕐᕈᐊᖅᑕᐅᓚᐅᕐᓗᑎᒃ ᖃᓄᑎᒋ ᑐᓴᖅᑕᐅᖃᑕᕈᓐᓇᕐᓂᖏᑦ ᐆᒪᔪᐃᑦ ᑐᓴᖅᑕᐅᑎᓐᓇᓱᐊᖅᐸᒃᑕᖏᑦ. ᐅᒥᐊᕐᔪᐊᕐᒥᖓᖅᑐᑦ ᑐᓴᖅᓴᑕᐅᖃᑦᑕᕐᓂᖏᑦ ᐊᑕᐅᑎᒃᑰᓕᕋᖓᒥᒃ ᑕᐃᒪᑦᓴᐃᓐᓈᖅᑐᒥᒃ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᑐᒐᓖᑦ ᓇᑦᑏᑦᓗ ᑐᓵᔪᓐᓇᑕᖏᓐᓂ ᑐᓴᖅᑎᑦᑎᒐᓱᐊᕈᑎᒋᕙᒃᑕᖏᓐᓂᒃ ᒪᓕᒃᑐᓂᒃ ᐊᔪᓕᕈᑕᐅᔪᓐᓇᖅᐳᑦ ᑐᓴᖅᓴᐅᑎᓐᓇᓱᒍᓐᓇᖅᑕᖏᓐᓄᑦ, ᑐᓵᔭᐅᔪᓐᓇᕐᓂᖏᓐᓂᒃ ᖃᖓᒍᑦ ᑐᓴᖅᓴᐅᖏᔪᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᓂᖓᖅᑐᓂᒃ. ᐘᖃᑦᓕᐅᑎᔭᐅᓯᒪᕙᖕᓂᖏᑦᐘ ᐊᓯᖏᓐᓄᑦ ᑐᓴᖅᓴᐅᔪᓄᑦ ᐊᕙᑎᖏᓐᓃᑦᑐᓂᒃ ᓇᓚᐅᑖᕈᑕᐅᓯᒪᕗᑦ ᑕᕆᐅᕐᒥᐅᑕᓄᑦ ᐆᒪᔪᕐᓄᑦ ᑐᓵᔪᓐᓇᖃᑕᕐᓂᖏᓐᓂᒃ ᐅᖓᓯᖏᑐᒧᐊᕈᓐᓇᖃᑕᕐᓂᖏᑦ ᑐᓴᖅᓴᐅᓂᖏᑦ ᐊᕙᓗᐊᓂ ᑕᒪᒃᑯᐊ ᓂᐱᕐᑯᖅᑐᓂᓴᐅᓂᖏᓐᓂ ᐊᓯᖏᓂᖓᖏᑦ ᑐᓴᖅᓴᐅᖓᕐᓂᖏᓐᓄᑦ, ᑕᐃᒪᐃᓕᖓᓕᕋᖓᒥᒃ ᑕᐃᔭᐅᕙᖕᒥᔪᑦ ᐃᓛᓂᒃᑯᑦ ᖃᐅᔨᐅᓴᖅᑎᓄᑦ ᑐᓴᕐᓴᐅᔪᓐᓇᕐᕕᒃᑮᑦᑑᓕᖃᑕᕐᓂᕐᒥᒃ.

ᑐᓴᖅᓴᐅᑎᒋᔪᓐᓇᕐᓂᖏᑦ ᓯᑕᒪᐅᔪᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᓂᔪᓃᑦᑐᑦ ᑐᑭᓯᒋᐊᖅᑕᐅᓚᐅᕐᒪᑕ ᑕᒫᓂ 2018-2019-ᒥ ᓂᐱᐅᓕᖅᑕᐅᓯᒪᓂᖏᓐᓂ ᑕᐅᕙᖓᑦ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᓂ Eclipse Sound-ᒥ ᐊᒻᒪᓗ ᑕᐅᕙᖓᑦ ᕿᓐᖑᐊᓂᒃ. ᑐᓴᖅᓴᐅᑎᒋᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᕈᑏᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓂ ᐃᓚᖃᓚᐅᕆᕗᑦ ᓱᕐᓗ ᓈᓚᐅᑎᒃᑰᖅᑐᑎᑐᑦ ᖃᐅᔨᓴᕈᑎᓂᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᓂᒃ ᑐᑭᓯᓂᐊᕈᑕᐅᔪᓐᓇᕐᓂᖅ ᐱᐅᓯᕆᔭᐅᔪᓂᒃ ᐆᒪᔪᕐᓄᑦ ᐸᒡᕕᒃᓴᒃᑕᐅᓯᒪᖃᑕᕈᓐᓇᕐᓂᖏᓐᓂᒃ (ᑐᓴᖅᓴᐅᓂᖃᕐᓂᖏᓐᓂᒃ ᐊᑯᓐᓂᖏᓐᓂᒃ ᓴᖏᓂᖃᖅᑎᒋᔪᓂᒃ ᑕᒫᓂ 20 ᕼᐅᕐᓯᓕᖕᓂᒃ-Hz ᐊᒻᒪᓗ 4000 ᕼᐅᕐᓯᒥᑐᓂᒃ-Hz), ᑐᓴᖅᓴᐅᑦᑎᐊᖏᓂᖅᓴᐅᓂᖃᖅᑐᓂᒃ ᑕᒪᒃᑯᓇᖓᑦ (1000 ᕼᐅᕐᓯᒥᑑᓂᒃ Hz) ᐊᒻᒪᓗ

ᐊᑯᓐᓂᖅᓱᖅᑐᒦᑐᓐᓇᕐᓂᖏᓐᓂ (3500 Hᐆᕐᓯᒦᑐᓂᒃ Hz-ᓂᒃ) ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖏᓐᓃᕐᑲᑕᖅᐳᑦ ᑐᓴᖅᓴᐅᕙᖕᓂᖏᓐᓄᑦ ᑐᒫᓃᑦ ᕿᓚᓗᒐᕐᓄᑦ, ᑕᒪᒃᑯᓄᖓ ᑭᖑᓕᕆᕐᑲᑦᑕᖅᑐᓂᒃ ᑐᓴᖅᓴᐅᑎᑦᑎᕙᖕᓂᖏᓐᓂ ᐊᒻᒪᓗ ᐅᕕᖏᐊᖅᑐᔾᕐᑲᑕᕐᓂᖏᓐᓂ ᐊᒻᒪᓗ ᓇᑦᑏᑦ, ᕿᓗᒡᕙᓗᒃᑐᔾᓕᕋᖓᒥᒃ ᕐᑲᑎᑐᓂᖅᓴᓂ ᑐᓴᖅᓴᐅᑎᑦᑎᕙᖕᓂᖏᓐᓂᒃ (250-ᖏᓐᓃᑦᑐᓂᒃ Hᐆᖅᓯᒥᑐᓂᒃ Hz). ᐅᒥᐊᕐᔪᐊᑦ ᐊᑐᓂ ᑐᓴᖅᓴᐅᑎᒋᔪᓐᓇᕐᓂᖏᑦ ᑕᒪᐃᓐᓂ ᓴᖏᓂᕐᑲᕐᓂᖏᓐᓂ ᓴᖏᔪᒦᕐᑲᑦᑕᓚᐅᖅᐳᑦ ᕿᓚᒥᐅᔪᓐᓇᖅᑐᒥᒃ ᒥᓂᑦᓯᑐᐃᓐᓇᐅᕐᑲᑕᕈᓐᓇᖅᑐᓂᒃ ᐊᑯᓂᐅᓂᓕᖕᒥᒃ ᑎᑭᐅᒪᔪᓐᓇᖅᑐᓂᒃ ᐊᒥᓱᓄᑦ ᐃᑲᕐᕋᒐᓴᓄᑦ ᑐᓴᖅᓴᐅᓪᓗᑎᒃ. ᑕᐃᒃᑯᐊ ᓱᑯᓱᐅᑏᑦ ᐅᖅᓱᐊᓗᕐᑲᐅᑎᕐᑲᕐᕕᐊᓗᐃᓪᓗ ᕐᑯᑦᑎᖕᓂᖅᐹᖑᔪᓂᒃ ᑐᓴᖅᓴᐅᓂᕐᑲᓱᖑᕗᑦ, ᑭᖑᓂᐊᓂᔅᓱᑎᒃ ᐱᕐᑯᑎᓂᒃ ᐅᓱᔅᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᓴᕕᒃᓴᕐᓂᒃ ᐅᓱᔅᐅᕙᒃᑐᑦ (ᑕᐃᔭᐅᕙᖕᒥᔪᑦ ᐅᕐᑯᒪᐃᑦᑑᑎᐊᓗᖕᓂᒃ ᐅᓱᔅᑦ). ᑐᓴᖅᓴᐅᖏᓂᖅᓴᒻᒪᕆᐅᕙᖕᓂᖏᑦ ᐅᖓᓯᖕᓂᖅᓵᓗᖕᒧᑦ ᑐᓴᖅᓴᐅᕐᑲᑕᕈᓐᓇᖅᐳᑦ ᐅᒥᐊᕐᔪᐊᕐᒥᖕᒫᖅᑐᑦ, ᓴᓂᐊᓂᒃ ᑕᐃᒃᑯᓂᖓ ᕐᑯᑦᑎᖕᓂᖅᓵᓗᓂᕋᖅᑕᐅᔪᓂᒃ ᑐᓴᖅᓴᐅᕙᖕᓂᖏᓐᓄᒃ. ᑐᓴᖅᓴᐅᔪᕐᑲᐃᓐᓇᕐᓂᖏᑦ ᐱᓂᖅᓴᐅᕐᑲᑕᓚᐅᖅᑐᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐊᐅᓪᓚᖅᐸᓪᓕᐊᓕᕋᖓᒥᒃ ᐅᖓᓯᖕᓂᕐᒥᒃ ᓂᐱᓕᐅᕐᕕᖕᓂ ᐃᕐᑯᐊᓂᖕᒫᖅᓯᒪᔪᓂ-ᓂᒃ ᑐᓴᖅᓴᐅᓂᖏᓐᓂᒃ ᓴᓂᐊᓂᒃ ᑕᐃᒃᑯᓇᖓᑦ ᐊᒃᑭᖅᐸᓪᓕᐊᓂᖏᓐᓂᒃ ᓯᕗᓂᐊᓂᖕᒫᖅᑐᓂᒃ ᑐᓴᖅᓴᐅᕙᖕᓂᖏᓐᓂᒃ ᑕᒪᐃᓐᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᓂᒃ ᐊᔾᔨᒌᖕᒋᓂᖕᒋᓐᓂ ᑕᐃᒪᐃᓕᖓᓪᓗᑎᒃ. ᓱᕐᓗ ᐆᒃᑑᑎᒋᓗᒍ, ᑐᓴᖅᓴᐅᓂᕐᑲᕐᓂᖏᑦ ᐅᕐᑯᒪᐃᑦᑐᓂᒃ ᐅᓱᔅᐊᓗᐃᑦ ᖃᐅᔨᓴᕈᑎᒃᑯᑦ ᓈᓴᐅᑎᓕᖕᓄᐊᖃᑕᓚᐅᖅᑐᑦ ᓴᖏᓂᖃᖅᑎᒋᔪᓄᑦ ᑐᓴᖅᓴᐅᓂᖏᓐᓂ ᑕᒫᓂ 120 dB re 1 mPa-ᓕᖕᓂᒃ ᑕᒫᓂ ᐊᕙᓗᐊᓃᑎᓪᓗᒋᑦ ᐅᖓᓯᖕᓂᓕᖕᒥ ᐊᑕᐅᓯᕐᒥᒃ 1 km ᑭᓚᒦᑕᓕᖕᒥ ᓯᕗᓂᐊᓂᒃ ᐊᒻᒪᓗ ᑕᒫᓃ ᐅᖓᓯᓂᓕᖕᒥ ᐊᑕᐅᓯᕐᒥᒃ 1 ᐊᑕᐅᓯᕐᒥᒃ 3 ᐱᖓᓱᓄᑦ ᕿᓚᒦᑕᖕᓕᓂᒃ ᐃᖅᑯᐊᓂᒃ ᑐᓴᖅᓴᐅᔪᕐᑲᖅᑐᒥᒃ, ᐊᔾᔨᒌᖕᒋᑦᑑᑎᐅᕙᒃᓱᑎᒃ ᑐᓴᖅᓴᐅᑎᒋᔪᓐᓇᕐᓂᖏᑦ ᐊᔾᔨᒌᖕᒋᖕᒋᑑᑕᐅᓂᖏᓐᓄᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐱᔾᔪᑕᐅᓗᑎᒃ. ᑐᓴᖅᑕᐅᕐᑲᑕᕈᓐᓇᕐᓂᖏᑦ ᕐᑯᓚᓃᓂᖏᑦ ᕐᑲᐅᔨᓴᕈᑎᒃᑯᑦ ᓂᐱᕐᑯᖅᑐᓂᕐᑲᖅᑐᑦ ᑕᒫᓂ ᓈᓴᐅᑎᓕᖕᒥ 124 dB re 1 mPa-ᓂᒃ ᓂᐱᓕᐅᖅᑕᐅᕙᓚᐅᖅᑐᑦ ᐅᕐᑯᒪᐃᑦᑐᐊᓗᖕᓂᒃ ᐅᓱᔅᑦ, ᑕᐃᒫᒃᓗᓐᓃᑦ ᐅᖓᓯᑎᒋᒐᓗᐊᕈᑎᒃᓗᓐᓃᑦ ᑕᒫᓂ 650 m ᒦᑕᓕᖕᒥᒃ ᓂᐱᓕᐅᕈᑎᓂᒃ ᐃᒪᕐᒦᑦᑐᓂᒃ. ᑕᐃᒃᑯᐊᓕ

ᑐᓴᖅᓴᐅᕙᖕᓂᖕᒋᑦ ᓯᑯᓯᐅᑎᓂᒃ ᐊᖅᑯᓯᐅᕈᔾᔨᕙᓂᖕᒋᓐᓂ ᐊᑕᐅᓯᕐᒥᒃ ᐅᖓᑖᓂᓗᓐᓃᑦ ᐅᕐᑯᒪᐃᑦᑐᓂᒃ ᐅᓯᔨᓂᒃ ᑐᓴᖅᓴᐅᓂᕐᑲᖅᐸᓚᐅᖅᑐᑦ ᓴᖕᒋᓂᕐᑲᖅᑎᒋᔪᒥᒃ ᓇᓴᐅᑎᓕᖕᓂᒃ ᖃᐅᔨᓴᕈᑎᒃᑯᑦ 120 dB re 1 mPa-ᓕᖕᓂᒃ, ᐅᖓᓯᖕᓂᕐᑲᑎᒋᔪᒥᒃ ᑕᒫᓂ ᖃᓂᒋᔭᖕᒐᓂ ᑕᑦᓕᒪᓂᒃ 5 km ᑭᓛᒥᑕᓕᖕᓂᒃ ᓯᕗᓂᐊᓂᒃ ᐊᒻᒪᓗ ᑕᒫᓃᓐᓂᖕᒋᓐᓂ ᐅᖓᓯᖕᓂᓕᖕᒥ ᑕᑦᓕᒪᓂᒃ 5-ᓂᒃ 15-ᓄᑦ km ᑭᓚᒦᑕᓕᖕᓄᑦ ᐃᖅᑯᐊᓂᒃ. ᓯᑯᓯᐅᑏᑦ ᑐᓴᖅᓴᐅᓂᖕᒋᓐᓂ ᑕᒫᓃᑦᑐᓂᒃ ᓈᓴᐅᑎᖃᖅᑎᒋᔪᒦᑉᐸᓚᐅᖅᑐᑦ 135 dB re 1 mPa-ᓂᒃ, ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᓂᖕᒋᓐᓂ ᐅᖓᓯᖕᓂᓕᖕᓂ ᐊᑕᐅᓯᕐᒥᒃ 1-3 ᐱᖓᓱᓄᑦ km ᑭᓛᒥᓂᒃ ᐅᒥᐊᕐᔪᐊᕐᒥᒃ. ᑕᐃᒃᑯᐊ ᐅᖅᓱᐊᓗᖃᐅᑎᐊᓗᐃᑦ ᐃᓚᒃᓴᔭᓕᐊᓗᐃᓪᓗ ᐅᓯᔨᐊᓗᐃᑦ ᑕᐃᒪᑦᓴᐃᓐᓇᑲᓴᒃ ᐅᕝᕙᓗᓐᓃᑦ ᖁᑦᑎᖕᓂᖅᓴᐅᕋᕐᔪᒃᑐᒥᒃ ᑐᓴᖅᓴᐅᓂᖃᖅᐸᓚᐅᖅᑐᑦ ᐊᔾᔨᒌᖕᒋᓐᓂᖃᖅᑎᒋᔪᓂᒃ ᓈᓴᐅᑎᓕᖕᓂ ᑕᒫᓂ 120-ᓂᒃ ᐊᒻᒪᓗ 135-ᓄᑦ dB re 1 mPa-ᖃᖅᑐᓂᒃ ᐆᒃᑐᕋᐅᑎᒃᑯᑦ ᑐᓴᖅᓴᐅᑎᒋᓂᖕᒋᓐᓂᒃ ᓯᑯᓯᐅᑏᑦ.

ᑕᐃᕙᓂᓕ ᐃᑎᔫᓂᖅᓴᐅᓂᖕᒋᓐᓂ, ᓱᓇᑕᖃᕐᕕᐅᖕᒋᓂᖅᓴᐅᔪᓂ (ᑕᐅᕙᓂ PI-ᖑᓂᕋᖅᑕᐅᔪᒥ ᑕᑯᒃᔭᒃᓴᓕᐊᓂ 1-ᒥ), ᐊᑦᑎᖕᓂᖅᓴᓃᑦᑐᓂᒃ ᑐᓴᖅᓴᐅᕙᖕᓂᖕᒋᑦ ᐅᒥᐊᕐᔪᐊᑦ (ᐊᑕᓃᑦᑐᑦ 200 Hᐆᑦᓯᓕᖕᓂᒃ Hz ᐆᒃᑐᕋᐅᑎᓂᒃ) ᑐᓴᖅᓴᐅᖃᑕᕈᓐᓇᖅᑐᑦ ᐅᖓᓯᖕᓂᖅᓵᓗᖕᒧᑦ, ᑐᓴᖅᓴᐅᖃᑕᐃᓐᓇᓚᐅᖅᓱᑎᒡᓗ ᐅᒥᐊᕐᔪᐊᓗᓐᓃᑦ ᐅᖓᓯᑐᒦᓕᕋᓗᐊᖅᑎᓪᓗᒋᑦ ᑕᒫᓂ 40 ᑭᓛᒥᑕᓕᖕᓂᒃ ᓂᐱᓕᐅᖅᑕᐅᓯᒪᕝᕕᖕᒋᓐᓂᒃ. ᐅᖅᑯᐊᒃᓴᖃᕐᕕᐅᔪᓐᓇᕐᓂᓴᐃᑦ ᐅᒥᐊᕐᔪᐊᒃᑰᕐᕕᐅᕙᖕᓂᖕᒋᓐᓂ, ᓱᕐᓗ ᑕᐅᕙᓂ ᕿᓐᖑᐊᓂ, ᓴᐳᓐᓂᐊᖅᑕᐅᓯᒪᕝᕕᖃᕐᓂᖅᓴᐅᕙᒃᑐᑦ ᐅᖓᓯᒃᑐᐊᓗᖕᒥᖕᒑᕈᓐᓇᖅᑐᓂᒃ ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖕᒋᓐᓂᒃ ᐅᒥᐊᕐᔪᐊᓂᖕᒑᖅᑐᑦ. ᐃᑲᑦᑑᑎᓂᐅᖅᓴᓂ ᐊᒡᕕᐊᕐᑯᑎᖃᕐᓂᖅᓴᐅᔪᓂ ᑐᓴᖅᓴᐅᑯᑖᓐᖕᒋᓂᖅᓴᐅᔪᓐᓇᖃᑦᑕᖅᐳᑦ ᑕᐃᒃᑯᓄᖕᒐ ᓂᐱᓕᐅᕐᕕᖕᓄᑦ (ᑕᐅᕙᓂ ᕿᓐᖑᐊᓂ, ᑕᑯᒃᔭᒃᓴᓃᑦᑐᑦ 1-ᒥ) ᑐᓴᖅᓴᐅᑦᑎᐊᖕᒋᓂᖅᓴᐅᕙᓚᐅᖅᑐᑦ ᑕᒪᐃᓐᓂᑦᑎᐊᖅ ᑕᕿᒐᓴᐅᓚᐅᖅᑐᓂ, ᑕᐃᒪᐃᐸᖕᒋᑐᑑᑦᓗᑎᒃ ᐅᒥᐊᕐᔪᐊᖅ ᐃᖕᒋᕋᕙᑦᓕᐊᓕᕐᓂᖕᒐᓂ ᐃᒫᒍᑦ ᑲᖕᒋᖅᑐᐊᒍᖅᓱᓂ. ᐃᓚᖕᒐᑦ ᐊᑕᐅᓯᖅ ᐃᓕᑕᕐᓇᖅᐳᖅ ᑕᒫᓂ ᑐᓴᖅᓴᐅᖕᒋᓂᖅᓴᐅᔪᖃᕐᓂᖕᒐᓄᑦ ᐱᔾᔪᑎᖃᖅᐳᖅ ᐊᑐᓂ ᐅᒥᐊᕐᔪᐊᑦ ᐃᖕᒋᕋᕙᖕᓂᖕᒋᓐᓄᑦ ᑕᒪᐅᓇ ᐊᓯᔾᔨᖅᕕᐅᖃᑕᕐᓂᖕᒐᓄᑦ ᑐᓴᖅᓴᐅᔪᓇᕐᓂᖕᒋᓐᓂᒃ ᐱᒻᒪᕆᐅᓂᖅᓴᓂᒃ, ᓴᓂᐊᓂ ᐃᓱᒪᒋᓪᓗᒋᑦ

ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖕᒋᑦ ᐊᑦᑎᖕᓂᖅᓴᐅᕙᒃᑐᓂᒃ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᐃᑦ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᔪᓐᓇᕐᓂᖕᒋᓐᓂᒃ.

ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖕᒋᓐᓂᒃ ᓴᖕᒋᓂᖃᕐᓂᖕᒋᑦ ᖁᑦᓕᐅᑎᓯᒪᓕᖃᑦᑕᕆᕗᑦ ᐃᓚᖕᒋᓐᓂ ᑐᓴᖅᓴᐅᓂᕆᕙᒃᑕᖕᒋᓐᓂᒃ ᑐᒫᓖᑦ ᕿᓚᓗᒐᐃᑦ, ᓇᑦᑏᑦᓗ ᐊᒻᒪᓗ ᐊᕐᕕᑦᓗ.

ᐃᓚᒋᐊᖅᑕᐅᓯᒪᔪᓂᒃ ᖃᐅᔨᒋᐊᖅᑕᐅᓕᓚᐅᕐᒥᔪᑦ ᑕᐃᒃᑯᐊ ᓇᓚᐅᑖᖅᑕᐅᔪᒪᑦᓗᑎᒃ ᑐᓴᖅᓴᐅᖃᑕᕋᔭᓚᐅᖅᑐᑦ ᖃᑦᓕᐅᑎᔭᐅᖃᑕᕐᓂᖕᒋᑦ. ᑐᓴᖅᓴᐅᔪᓃᖃᑦᑕᕐᓂᖕᒋᑦ ᖃᑦᓕᐅᑎᔭᐅᖕᒑᕐᓂᖕᒋᓐᓄᑦ ᓇᓚᐅᑖᕈᑕᐅᕙᒃᑐᑦ ᖃᖕᒐ ᑕᐃᒪᖕᒐᓕᕙᖕᒪᖕᒑᑕ ᖃᐅᔨᔭᐅᓗᑎᒃ ᐊᔾᔨᒌᖕᒋᓐᓂᖕᒋᑦ ᑐᓴᖅᓴᐅᖃᑕᕐᓂᖕᒋᑦ ᐅᒥᐊᕐᔪᐊᖃᓕᕋᖕᒐᑦ ᑕᐅᕙᓂ ᓴᓂᐊᓂᒃ ᑕᐃᒃᑯᓇᖕᒐᑦ ᐱᐅᓯᑐᖃᕐᒥᓃᖃᑕᖅᑐᓂᒃ ᐅᒥᐊᕐᔪᐊᕈᓐᓃᕋᖕᒐᑕ ᑕᐅᕙᓂ. ᑕᒪᓐᓇ ᖃᐅᔨᓴᕈᓯᖅ ᓇᓚᐅᑖᕈᓐᓇᑕᐅᔪᓐᓇᖅᐳᖅ ᑕᒪᑐᒥᖕᒐ ᑐᓴᕐᓴᐅᔪᓐᓇᕕᒃᑮᑦᑑᓕᖃᑕᕐᓂᕐᒥᒃ ᐅᒥᐊᕐᔪᐊᑦ ᑕᐅᕗᓈᓕᕋᖕᒐᒥᒃ. ᐊᒡᕕᐊᕐᑯᑕᐅᓕᕐᓂᐊᕋᓯᒋᔭᐅᕗᑦ ᑐᒫᓕᖕᓄᑦ ᓇᑦᑎᕐᓄᑦᓗ ᑐᓴᐅᒪᖃᑕᐅᑎᔪᓐᓇᕐᓂᖕᒋᓐᓄᑦ, ᐅᒥᐊᕐᔪᐊᖃᕋᖕᒐᑦ ᐅᖕᒐᓯᖕᓂᖃᕈᓐᓇᖅᑐᓂᒃ ᐊᔾᔨᒌᖕᒋᑦᑑᑎᓂᒃ, ᒪᓕᒃᑐᓂᒃ ᖃᓄᐃᑦᑑᓂᖕᒋᓐᓂᒃ ᐅᒥᐊᕐᔪᐊᑦ, ᐅᖕᒐᓯᖕᓂᖕᒋᓐᓂᓗ ᑐᓵᖅᓴᐅᔪᓐᓇᕐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓐᓇᕐᓂᖕᒋᑦ ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᖕᒋᑦᑐᓂ ᑐᓵᔪᓐᓇᕐᓂᖕᒋᓐᓂᒃ ᓴᖕᒋᓂᖃᖅᑎᒋᔪᓂᒃ. ᐅᖁᒪᐃᑦᑐᓂ ᐅᓯᔨᐊᓗᐃᑦ ᐱᓂᖅᐹᖑᔪᒥᒃ ᐱᔾᔪᑕᐅᕙᒃᑐᑦ ᑐᓴᖅᓴᐅᔪᓐᓇᕕᒃᑮᑦᑑᓕᖃᑕᕐᓂᕐᒧᑦ ᑕᒫᓃᑦᑐᓂᒃ 50% ᐳᓴᓐᑎᖕᒋᓐᓂᒃ ᑐᓴᖅᓴᐅᔪᓐᓃᕈᑕᐅᕙᖕᒪᑦ ᐃᓚᖕᒋᓐᓂ ᓇᑦᑎᕐᓄᑦ ᑐᒫᓕᖕᓄᑦᓗ ᐅᖕᒐᖕᓂᓕᖕᓂ ᑕᒫᓂ ᑕᓕᒪᓂᒃ ᑭᓛᒦᑕᓕᖕᓂᒃ 20-ᓄᑦ ᑭᓛᒦᑕᓕᖕᓄᑦ ᐃᖕᒋᕐᕋᕕᐅᓕᖕᒋᓪᓕ ᐅᒥᐊᕐᔪᐊᓄᑦ ᐊᕙᑎᖕᒋᓐᓂ. ᑐᓴᖅᓴᐅᕕᑮᑦᑑᓕᕈᓐᓇᕐᓂᖕᒋᑦ ᓇᓚᐅᑖᖅᑕᐅᓯᒪᔪᑦ ᐅᖕᒐᑕᓃᓕᕈᓐᓇᕐᓂᖅ ᑕᒫᓂ 90% ᐳᓴᓐᑎᖕᒋᓃᑦᑐᓂᒃ ᑑᒐᓕᖕᓄᑦ ᓴᖕᒋᓂᖃᖅᑎᒋᔪᓂᒃ ᐆᒃᑐᕋᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂ ᑐᓴᖅᓴᐅᓂᖕᒋᑦ ᓈᓴᐅᑎᓕᖕᒥᒃ 1 ᑭᓗᕼᐆᐅᑦᓯᓕᖕᓂᒃ kHz ᐊᒻᒪᓗ ᑕᒫᓃᑦᑐᓂᒃ 3.5 ᑭᓗᕼᐆᐅᑦᓯᓕᖕᓂ kHz ᐅᖕᒐᓯᒃᑎᒋᔪᒥᒃ ᐊᑕᐅᓯᕐᒥᒃ 1 ᑕᓪᓕᒪᓄᑦ 5 ᑭᓚᒥᑕᓕᖕᓃᑦᑐᓂᒃ. ᑕᐃᑯᐊᓕ ᓯᑯᓯᐅᑏᑦ ᐊᖅᑯᓯᐅᕈᔾᔨᓂᖕᒋᓐᓂ ᐃᒪᕐᒥ ᐊᖅᑯᓯᐅᕈᔾᔨᓂᖕᒋᓐᓂᒃ ᐅᕐᑯᒪᐃᑦᑐᓂᒃ ᐅᓯᔨᐊᓗᖕᓂᒃ, ᑕᒫᓂᑦᑕᐅᖅ 90% ᐳᓴᓐᑎᖕᒋᓃᑦᑐᓂᒃ ᑐᓴᕐᓴᐅᕕᒃᑮᑦᑑᓕᖅᑎᑦᑎᔪᓐᓇᕗᑦ, ᐅᖕᒐᓯᖕᓂᓕᖕᓃᑦᑐᓂᒃ

ᒪᕿᖕᓂᒃ 2 ᖁᓕᓄᑦ 10 km ᑭᓛᒥᑕᓃᑦᑐᓂᒃ ᑕᒪᒃᑯᓄᖓ ᑐᓴᔪᓐᓇᕐᓂᖏᓐᓄ ᑐᒐᓖᑦ ᐊᒻᒪᓗ ᑕᒫᓂ ᐅᖓᓯᖕᓂᓕᖕᓃᒃ ᑕᓕᒪᓂᒃ 5 – 15-ᓄᑦ km ᑭᓛᒥᑕᓕᖕᓂᒃ ᑐᓴᔭᐅᔪᓐᓇᑲᑦᑕᕐᓂᖏᓐᓂ ᓇᑦᑎᕐᓄᑦ. ᐱᔾᔪᑕᐅᔪᑦ ᑕᒪᒃᑯᐊ ᓇᓚᐅᑖᕈᑕᐅᓂᖏᓐᓂᑦ ᖃᑦᓕᐅᑎᔭᐅᖃᑕᕋᓱᒋᔭᐅᓂᖏᓐᓄᑦ ᐱᔭᕆᐊᑐᕗᑦ ᐊᒥᓱᐊᓘᓂᖏᓐᓄᑦ ᐊᔾᔨᒌᖏᑐᓐᓇᕐᓂᖏᑦ ᑐᓴᖅᓴᐅᓂᖃᕈᓐᓇᕐᓂᖏᑦ ᐃᒪᕐᒥ, ᐃᒪᒃᑰᕐᕕᐅᓂᖏᓐᓂᒃ ᐃᒪᒃᑰᕐᕕᐅᓂᖏᓐᓄᑦ, ᐃᖏᕋᓂᖏᓐᓄᓗ. ᐊᔾᔨᒌᖏᓐᓂᖏᑦ ᑕᒪᒃᑯᐊ ᐱᔾᔪᑕᐅᔪᓐᓇᖅᑐᑦ ᖃᓄᖅ ᑐᓴᖅᓴᐅᔪᓐᓇᕐᓂᖏᓐᓂᒃ ᐃᒪᒃᑯᑦ, ᒪᓪᓕᖅᑐᒃᑯᑦ, ᓯᑯᒃᑯᓪᓗ, ᐊᒻᒪᓗ ᓇᓃᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᖃᓄᐃᑦᑑᓂᖏᓐᓂᒃ ᐅᒥᐊᕐᔪᐊᑦ, ᐊᓯᖏᓐᓂᒡᓗ ᐱᔾᔪᑕᐅᔪᓐᓇᕐᒥᔪᓂᒃ. ᑐᒐᓖᑦ ᕿᓚᓗᒐᐃᑦᑕᐅᖅ ᖁᑦᑎᖕᓂᖅᓴᒻᒪᕆᐅᕙᒃᑐᓂᒃ ᑐᓴᖅᓴᐅᓂᖃᓲᖑᒐᒥᒃ, ᐊᒃᑐᖅᑕᐅᖅᓯᒪᖏᓂᖅᓴᐅᔪᓐᓇᕆᕗᑦ ᐅᒥᐊᕐᔪᐊᓂᒃ ᑐᓴᖅᓴᐅᕙᖕᓂᖏᓐᓂᒃ, ᑭᓯᐊᓂ ᑕᒪᓐᓇ ᓱᓕ ᖃᐅᔨᓴᖅᑕᐅᑦᑎᐊᒃᑲᓂᕆᐊᖃᖅᐳᖅ ᑐᑭᓯᐅᒪᔭᐅᑦᑎᐊᑲᓂᖁᓪᓗᒍ ᑐᒐᓕᑦ ᖃᓚᓗᒐᐃᑦ ᑐᓴᖃᑕᕈᓐᓇᕐᓂᖏᓐᓂᒃ ᐱᔪᓂᒃ. ᑕᒪᒃᑯᐊ ᓇᓚᐅᑖᕈᑎᑐᐃᓐᓇᐅᕗᑦ ᐊᒻᒪᓗ ᐃᓕᓐᓂᐊᒐᒃᓴᓕᐊᓘᓪᓗᑎᒃ ᓱᓕ ᖃᓄᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᐅᑕᐃᑦ ᑕᕆᐅᕐᒥ ᐃᒪᕐᒥᐅᑕᐃᑦ ᑐᓴᖃᑕᓲᖑᒪᖓᑖ, ᓇᓪᓕᐊᓪᓗ ᑐᓴᖅᓴᐅᑎᖃᑦᑕᖅᑕᖏᓐᓂ ᐱᒻᒪᕆᐅᓂᐹᖑᒪᖓᑦ ᐊᓯᒥᓄᑦ ᑐᓴᖅᑕᐅᑎᓐᓇᓱᒃᑕᖏᓐᓂᒃ, ᐊᓯᖏᓄᓪᓗ ᐊᑑᑎᖃᕐᓂᖏᓐᓄᑦ, ᐊᒻᒪᓗ ᖃᓄᖅ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓐᓇᕐᓂᖏᑦ ᑐᓴᖅᓴᐅᕕᑭᑦᑑᓕᕈᓐᓇᕐᓂᕐᒧᑦ ᑐᓴᐅᒪᖃᑕᐅᑏᓐᓇᕈᓐᓇᓲᖑᓂᖏᓐᓄᑦ ᐱᐅᓯᑐᖃᕆᔭᖏᓐᓂ ᖃᓄᐃᓕᖓᓕᕈᑕᐅᔪᓐᓇᕐᓂᖅ ᐊᑐᓂ ᑕᒪᐃᓐᓄᓪᓗ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᐆᒪᔪᐃᑦ.

ᐅᒥᐊᕐᔪᐊᖃᖅᐸᓪᓕᐊᑐᐃᓐᓇᖅᑎᓪᓗᒍ ᑕᐅᕗᓇᖃᑕᖅᑐᓂᒃ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖏᖅᓱᐊᕐᔪᖓᓂ Eclipse Sound-ᒥ ᐃᒪᒃᑯᓪᓗ ᐊᕙᓗᐊᓂ ᐅᒥᐊᕐᔪᐊᒃᑰᕐᕕᐅᕙᖕᒥᔪᓂ ᑕᐅᕗᖓᐅᔪᓂᒃ ᑕᐃᕙᖓᖃᑦᑕᖅᑐᓂᒡᓗ ᓄᓘᔭᕐᒥ ᐅᔭᕋᖕᓂᐊᕐᕕᖓᓂᒃ ᐱᕙᓪᓕᐊᓂᖏᓐᓂ, ᑕᒫᓂ 2015-ᖑᑎᓗᒍ, ᐅᒥᐊᕐᔪᐊᖃᓚᐅᖅᑐᖅ ᐃᑳᖅᑐᓂᒃ ᑕᐅᕗᓇ 42-ᓂ ᕿᓐᖑᐊᓄᖓᐅᔪᓂᒃ, ᑕᒃᑯᓇᖓᓪᓗ 40-ᖏᓐᓃᓚᐅᖅᑐᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐃᖏᕋᔪᑦ ᑕᐅᕗᓇ ᐅᔭᕋᖕᓂᐊᕐᕕᖕᒥᖅᓯᒪᓪᓗᑎᒃ. ᑕᒪᓂ ᐊᕐᕋᒍᒥ 2019, ᐅᒥᐊᕐᔪᐊᖃᓚᐅᖅᑐᖅ 245-ᓂᒃ ᑕᐅᕗᓈᓛᐅᖅᑐᓂᒃ ᕿᓐᖑᐊᒍᑦ, ᑖᒃᑯᓇᖓᑦ 243-ᖑᓚᐅᖅᐳᑦ ᐅᒥᐊᕐᔪᐊᑦ

ᐱᓕᕆᔪᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᖕᒥᖓᖅᓯᒪᔪᑦ. ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓐᓇᖅᐳᑦ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᐃᑦ ᑕᒪᒃᑯᐊ ᐊᒥᔅᓲᓗᐊᓕᑲᑦᓚᖕᓂᖕᒋᓐᓄᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐃᖕᒋᕋᕙᖕᓂᖕᒋᑦ, ᖃᐅᔨᓴᖅᑕᐅᓕᖅᓱᑎᒡᓗ ᐃᓚᒋᔭᐅᓂᕐᒧᑦ ᐊᕙᑎᖓᑕ ᐊᒃᑐᖅᑕᐅᓂᕐᓗᒍᓐᓇᕐᓂᖓᓄᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᖕᓄᑦ, ᐊᒻᒪᓗ ᐃᖕᒥᒎᖅᑐᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᒋᓪᓗᑎᒃ ᐊᓯᖕᒋᓐᓄᑦ ᑎᒥᕐᑯᑎᒋᔭᐅᔪᓄᑦ ᐊᑯᓂᐅᓂᐊᖅᑐᒧᑦ ᓯᕗᓂᒃᓴᒧᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑐᐃᓐᓇᕈᓐᓇᖅᑐᓂᒃ ᐊᒃᑐᖅᑕᐅᔪᓐᓇᕐᓂᖕᒋᑦ ᑐᒐᓖᑦ ᕿᓚᓗᒐᐃᑦ ᐊᒻᒪᓗ ᑕᐃᒪᖕᒐᑦ ᖃᐅᑕᒫᖅ ᐸᒡᕕᓴᒃᑕᐅᔪᓐᓇᕐᓂᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᑐᓴᖅᓴᐅᕕᑭᑦᑑᓕᕈᓐᓇᕐᓂᖕᒋᓐᓄᑦ ᖃᓄᐃᓕᖓᓕᕈᑕᐅᔪᓐᓇᕐᓂᖕᒋᑦ ᖃᐅᔨᒪᔭᐅᖕᒋᓚᑦ. ᑕᒪᓐᓇ ᖃᐅᔨᒪᔭᐅᖕᒋᓐᓂᖓ ᐱᔾᔪᑕᐅᓗᐊᑲᓐᓂᖅᐳᖅ ᓱᓕᒃᑲᓐᓂᖅ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖅᑐᓄᑦ ᐊᐅᔭᒃᑯᑦ ᑕᐅᕙᓂ ᑕᓯᐅᔭᖓᓂ ᐃᓐᓈᓗᒃ ᑲᖕᒋᖅᓱᐊᕐᔪᖓᓂ Eclipse Sound-ᒥ ᑐᒐᓕᖕᓂᒃ ᕿᓚᓗᖃᕐᕕᐅᕙᖕᓂᖕᒋᓐᓂ. ᖃᐅᔨᓴᖅᑕᐅᓂᖕᒋᓐᓂᒃ ᓴᕿᑎᑕᐅᔪᑦ ᑐᕌᖓᕗᑦ ᐃᑲᔪᖅᓱᐃᓂᕐᒧᑦ ᖃᐅᔨᓴᖅᑕᐅᕐᑯᔨᓂᖅ ᐅᒥᐊᕐᔪᐊᒃᑰᕐᕕᐅᕙᖕᓂᖕᒋᓐᓂᒃ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓐᓇᕐᓂᖕᒋᑦ ᑐᓴᖅᓴᐅᔪᕐᑲᕐᕕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐃᒪᐃᑦ ᑕᖅᑲᒪᓂ ᐊᒻᒪᓗ ᓇᓚᐅᑖᖅᑕᐅᕐᑯᓪᓗᒋᑦ ᖃᓄᖅ ᐃᒪᐅᑉ ᐃᓗᐊᓂ ᑕᕐᑲᒪᓂ ᑐᓴᖅᓴᐅᔪᕐᑲᕐᓂᕐᒧᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓐᓇᕐᒪᖔᑕ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ ᐆᒪᔪᐃᑦ ᑐᓴᐅᖅᓴᐅᔪᓐᓇᕐᕕᐅᖃᑕᐃᓐᓇᕐᓂᖕᒋᑦ ᐱᑕᖃᖃᑕᕐᓂᖕᒋᓐᓄᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐃᖕᒋᕋᕐᖃᑕᐃᓐᓇᕐᓂᖕᒋᑦ ᑕᐅᕗᓇ ᓯᕗᓂᒃᓴᐅᓂᐊᖅᑐᒥ.