Proposal for DeltaRes DeltaFlume facility

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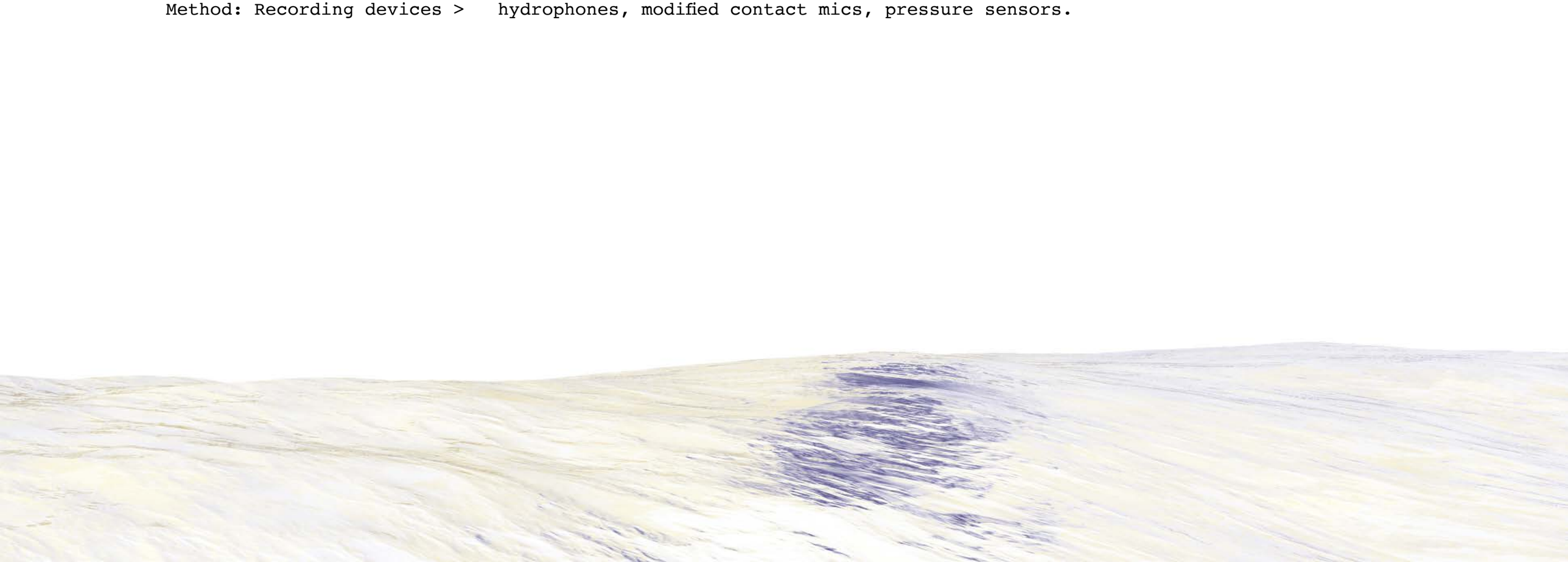
Initiative Name : Linear Wave Feild Symphony.

Source: Audio recordings of wave movement along DeltaRes wave track.

Method: Recording devices > hydrophones, modified contact mics, pressure sensors.



No Impact Feild Recording

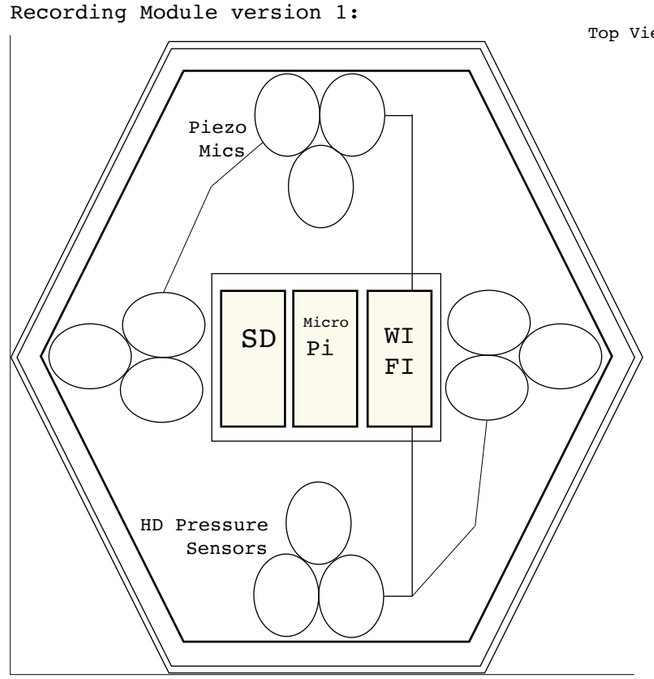
A major intention of this proposal is to develop audio and visual content from the ambient sounds of the facility, its machinery and the water flow.

The monumental scale and exactness of function of the delta flume are two traits that would be adressed in the creative development of material.

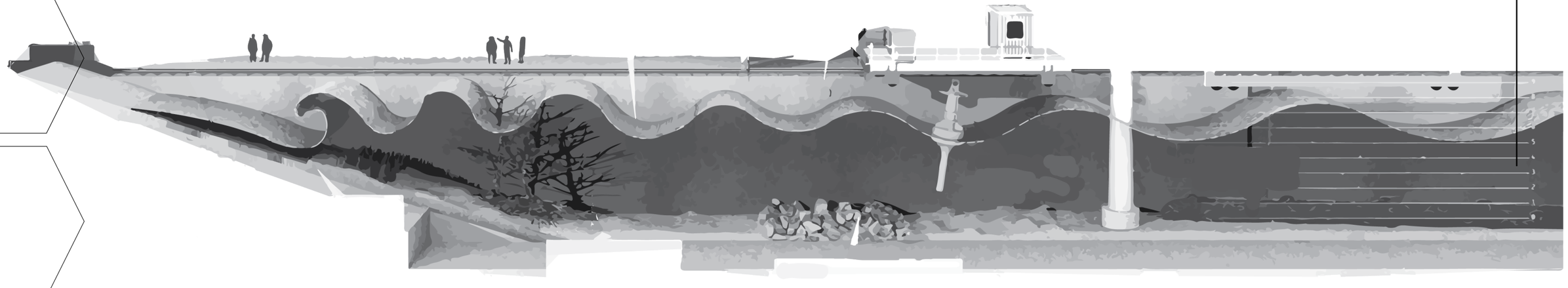
A material outcome would be a type of audio-visual portarait of the operation of the DeltaFlume in the form of animated audio-video installations, graphical paintings, structured information design disseminating information of the facility, interviews with scientists and visual diagramatics of the sound material recorded and developed.

Sketch of concept device to be developped for more controlled and integrated experiments if access to the walls or floor of the flume is permitted. A very low impact removable wall and floor module design utilyzing adhesive suction cups.

Recording Module version 1:



22 cm x 22 cm x 2.5 cm
Piezo Mic coupled with Pressure Sensor, Rasberry pi and wifi



Recording procedure and Time period:

Logistical aspects of proposed involvement with DeltaRes and facility

A no impact feild recording would require my simple presence with recording equipment consisting of 2 ambient mics, two directional mics and if possible, 6 contact mics.

If conditions permit then there could be hydrophonic mics and pressure sensor modules placed in the flume. These can be non intrusive and like a “fly on the wall”.

Audio Samples:

https://soundcloud.com/losthorseasea/rc4x

https://soundcloud.com/losthorseasea/onu

Video Sample :

https://www.youtube.com/watch?v=pBYOGVMDY20