

### Erfaringer ved bruk av HeyPhone

#### Use of HeyPhone

The authors were requested to assist in Connection with the fatal Plura accident. One of their tasks was to handle a new communication device brought over by the English cave divers. It is a wireless system developed as an aid to cave rescue. One station is established on the surface and one in the cave. A HeyPhone package contains a sender, a battery, a battery cable, two antennae cables, two tent pegs and a microphone. The system is easy to put together. The first tests were made between two stations above ground, but communication quality was unsatisfactory. Then a station was set up in the air chamber in Plura. The device was placed in a watertight tube and the antennae stretched out about 5 m and placed in the water. Another station was set up at the outlet about 600 m away, but with no difference in height. Quality was much better than in the previous tests. A third station was placed on the surface straight above the air chamber. It connected poorly with the outlet station, but with the station in the air chamber the connection was crystal clear. Optimum is to place the stations above each other. It is possible to shift them laterally, but quality deteriorates. At the end of the project all persons taking part were favourably impressed by the device. The assembly of people near the antennae reduces quality, and so does the use of video camera.