

Agenda Item 4.5: Review of seismic disturbance and recommendations

Data submitted by Parties

Submitted by: Secretariat



ASCOBANS

NOTE:
IN THE INTERESTS OF ECONOMY, DELEGATES ARE KINDLY REMINDED TO BRING THEIR OWN COPIES OF THESE DOCUMENTS TO THE MEETING

Secretariat's Note

At its 7th Meeting the ASCOBANS Advisory Committee to ASCOBANS decided that collection of data on seismic activities in the Agreement area should continue. The meeting agreed that ideally line-kilometer of "high-energy" seismic information, per 1°x 1° rectangle (or similar) for each month and year since 1997 in the ASCOBANS area was a minimum. If information on the size/power of gun and use of observers was easily obtainable, that information should be sought also.

The Secretariat asked Parties and Non-Party Range States to provide the information required. Only one Party responded to this enquiry, providing the following information:

Report on Seismic Activity from Sweden

During 2000 the Geological Survey of Sweden (SGU) conducted surveys with a 10 cubic inch "sleeve gun" in the Sakgerrak and Finngrundet. There were also two Danish surveys with much stronger equipment conducted in the southern Öresund, Køge Bugt and south towards Germany.

This was partly a survey for a new geothermic project which used an array of four large air guns, and partly a project studying structures from the cretaceous period, where a larger "sleeve gun" (70 cubic inches) was used.

During 2001 several surveys were conducted with a 10 cubic inch "sleeve gun". Bråviken was surveyed as were the areas outside Oxelösund, Trosa and Söderhamn (and also Lake Mälaren).