

Agenda Item 4.5: Review of seismic disturbance and recommendations

Preliminary Information on Seismic Activities

Submitted by: Germany



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

Federal Republic of Germany

ASCOBANS

9th Meeting of the Advisory Committee

Hindås (Sweden), 10 - 12 June 2002

Preliminary Information on Seismic Activities

At the 7th Meeting of the Advisory Committee (Bruges / Belgium, 13 - 16 March 2000) it was decided that collection of data on seismic activities in the Agreement area should continue. The Meeting agreed that ideally line-kilometre 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 (see Report of the Meeting, chapter 5.2 "Disturbance by seismic surveys").

Accordingly first information was collected which is presented here. It is partly not complete and therefore preliminary.

On the German continental shelf and in the German coastal sea of the Baltic there was no operation of high-energy equipment during 1997 - 2002.

In the North Sea, however, air pulse equipment with volumes of more than 2.95 litres was used during that period on the German continental shelf and in the German coastal sea as follows:

Year	Line-kilometres, total per year	Season	Line-kilometres, per Season	Remarks
2001	1,301.55	October - November (21 days)	1,104.95	Additionally 1,685 km ² were surveyed that year. Data on line-kilometres are not yet available.
		October	63.6	
		October (2 days)	133	
2000	1,185	September	1,185	Additionally 150 km ² were surveyed that year. Data on line-kilometres are not yet available.
1999	19.5	March - April	19.5	
1998	1,670	April	506	
		October (4 days)	449	
		November	715	
1997	1,757.5	April	399.5	Data to be scrutinized.
		July	1,358	

