



Fig 1

The cyan line in Fig. 1 shows the idealized route to be followed by one oceanographic glider that would be deployed on 20 June (approximate position 70°30'N, 16°00'E) before port call in Tromsø. Another oceanographic glider (TWR) would be deployed on the same date (20 June) nearby and directed toward the red area on the shelf and then move to south of Spitsbergen Island in the yellow area.

Acoustic activities are being planned to be conducted in the red box east of Bear Island showed in Fig. 1 (between 73°45' and 75°00'N and between 21°00' and 24°00'E, about 140km x 80km).

Coordinates of this area are:

75°00'N 021°00'E

75°00'N 024°00'E

73°45'N 024°00'E

73°45'N 021°00'E

There, once indicated the position of ocean front, would be deployed:

- one mooring with two acoustic arrays;
- one NRL bottom mooring with hydrophone;
- 5 gliders with single hydrophone or Passive Acoustic Module;
- one Autonomous ASV (NOCC) with acoustic array;
- two buoys with hydrophones;
- up to three NRL's oceanographic-acoustic buoy.
- one oceanographic mooring and possibly oceanographic gliders.

The oceanographic gliders and one acoustic glider would continue to operate in an area west of Bear and Spitsbergen Islands (Fig. 2, excluding territorial waters).

Coordinates are the following:

73°45'N 019°00'E

73°45'N 011°00'E

80°00'N 000°00'E

80°00'N 010°00'E



Fig 2