

- .3 an assessment that SOx emissions from ships operating in the proposed area of application of the SOx emission controls are contributing to air pollution from SOx, including SOx deposition, and their attendant adverse impacts on the land and sea areas under consideration. Such assessment shall include a description of the impacts of SOx emissions on terrestrial and aquatic ecosystems, areas of natural productivity, critical habitats, water quality, human health, and areas of cultural and scientific significance, if applicable. The sources of relevant data including methodologies used, shall be identified;
 - .4 relevant information pertaining to the meteorological conditions in the proposed area of application of the SOx emission controls and the land and sea areas at risk, in particular prevailing wind patterns, or to topographical, geological, oceanographic, morphological or other conditions that may lead to an increased probability of higher localized air pollution or levels of acidification;
 - .5 the nature of the ship traffic in the proposed SOx Emission Control Area, including the patterns and density of such traffic; and
 - .6 a description of the control measures taken by the proposing contracting State or contracting States addressing land-based sources of SOx emissions affecting the area at risk that are in place and operating concurrent with the consideration of measures to be adopted in relation to provisions of regulation 14 of Annex VI of the present Convention.
- 2.3 The geographical limits of an SOx Emission Control Area will be based on the relevant criteria outlined above, including SOx emission and deposition from ships navigating in the proposed area, traffic patterns and density, and wind conditions.
 - 2.4 A proposal to designate a given area as an SOx Emission Control Area should be submitted to the Organization in accordance with the rules and procedures established by the Organization.