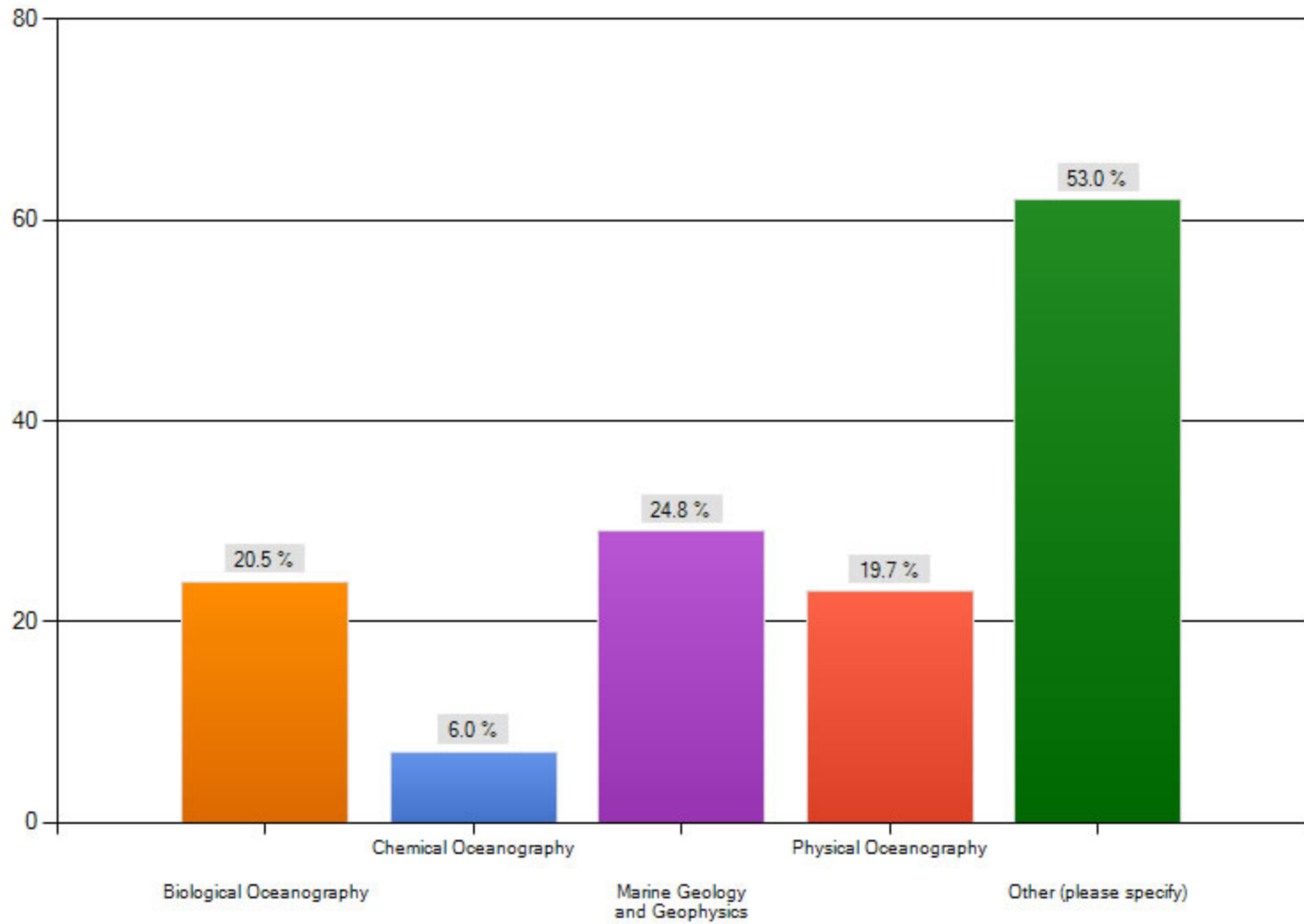


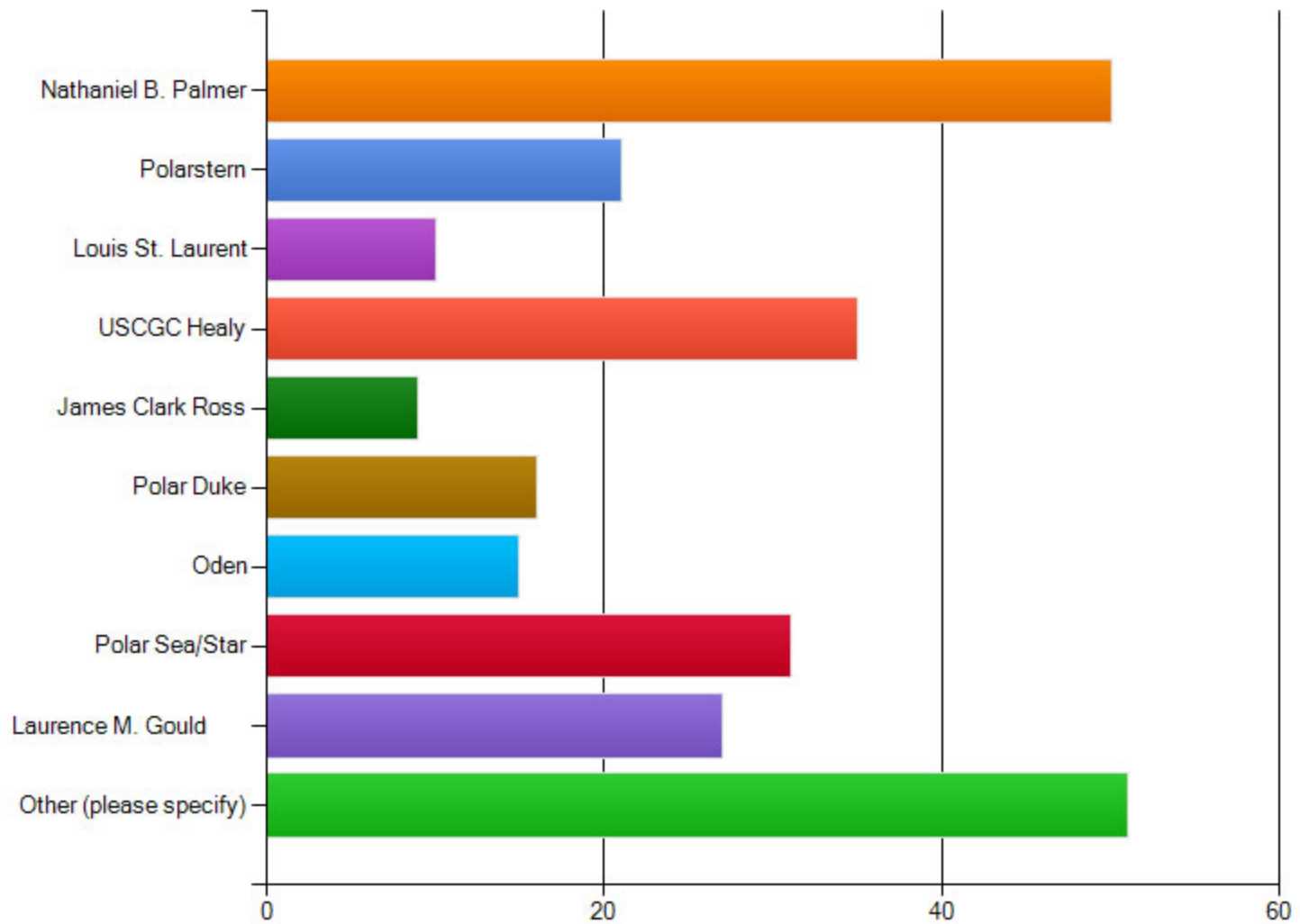
# Polar Research Vessel SMR Questionnaire

- Created from previous UNOLS SMR Forms
- Open Survey 13 January 2011
- Requested Responses by 28 January 2011
- Survey still open
- Responses to Date: 159 started and 120 Completed

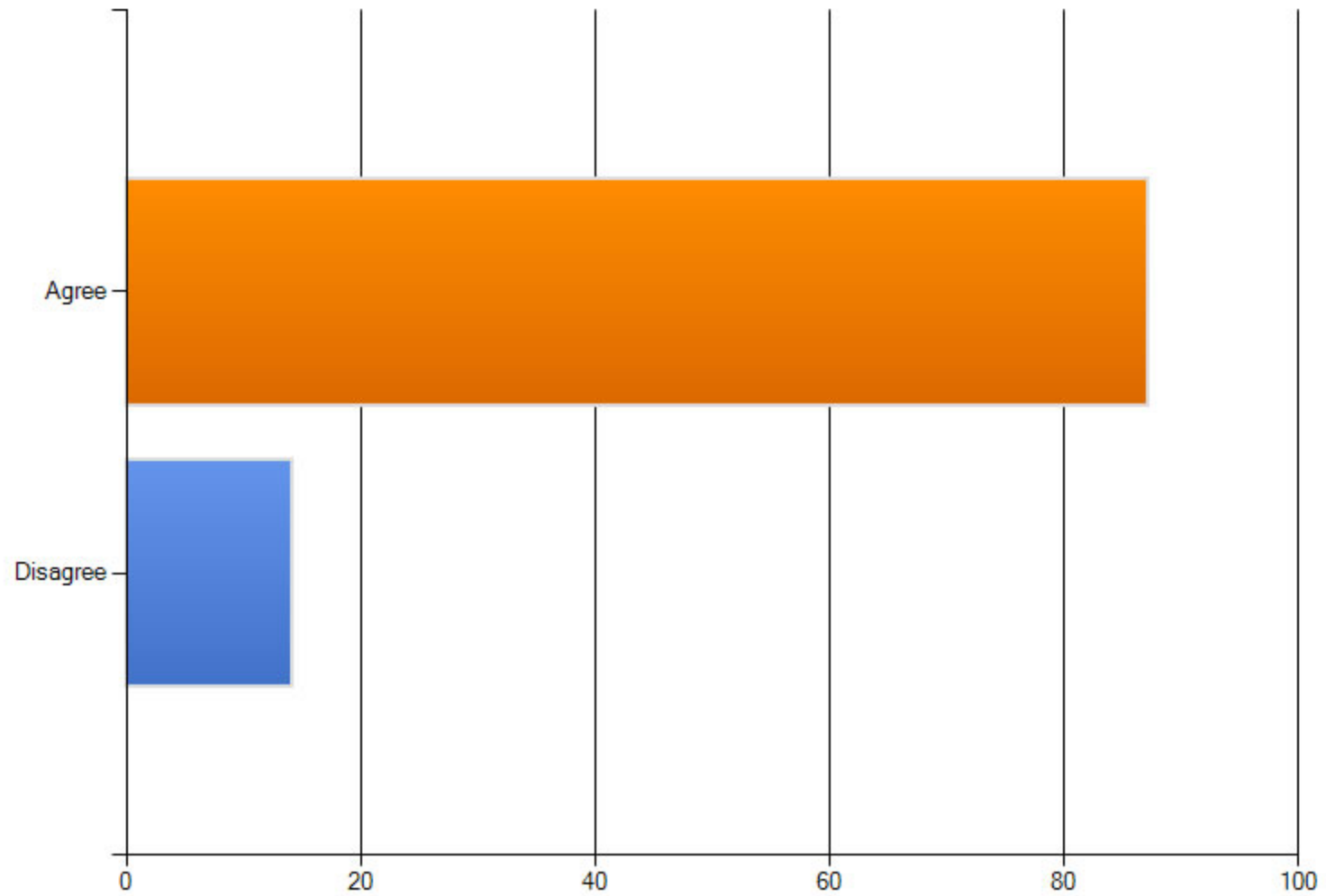
**Please indicate your discipline of study:**



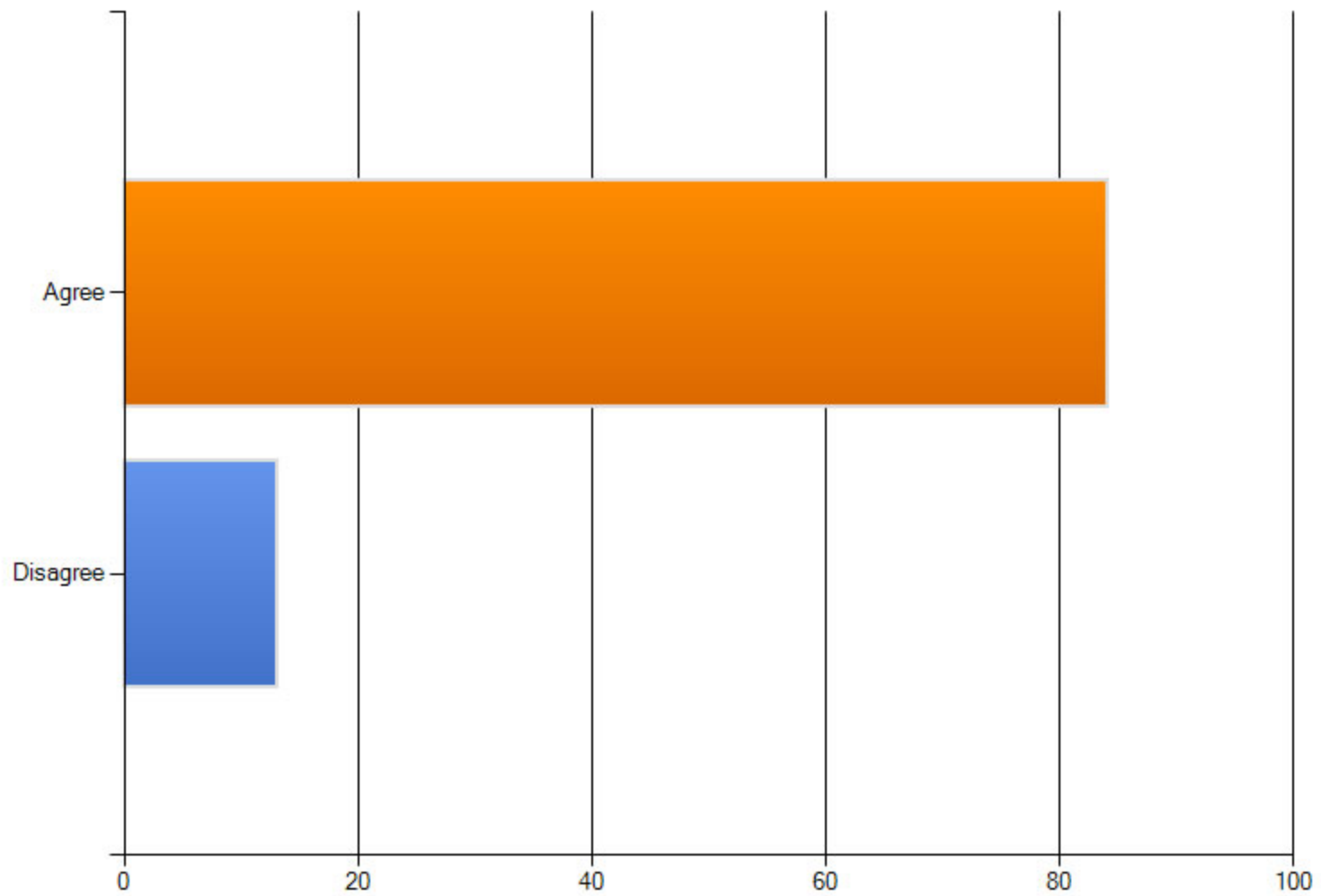
### What Polar Research Vessels have you sailed on?



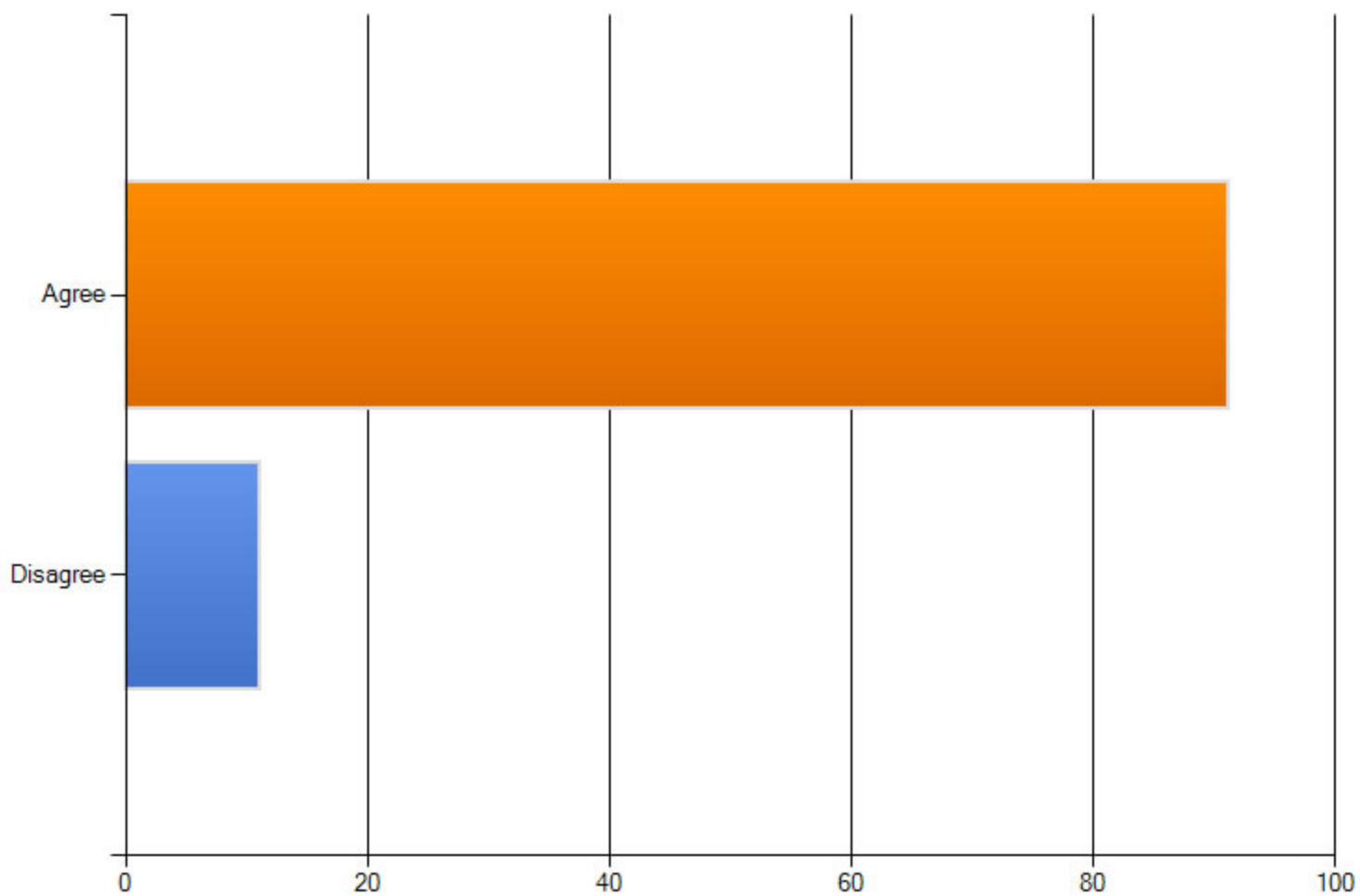
The SMR from 2006 for Endurance (transit station days) is 80 days. Do you agree or disagree that this is an appropriate value?



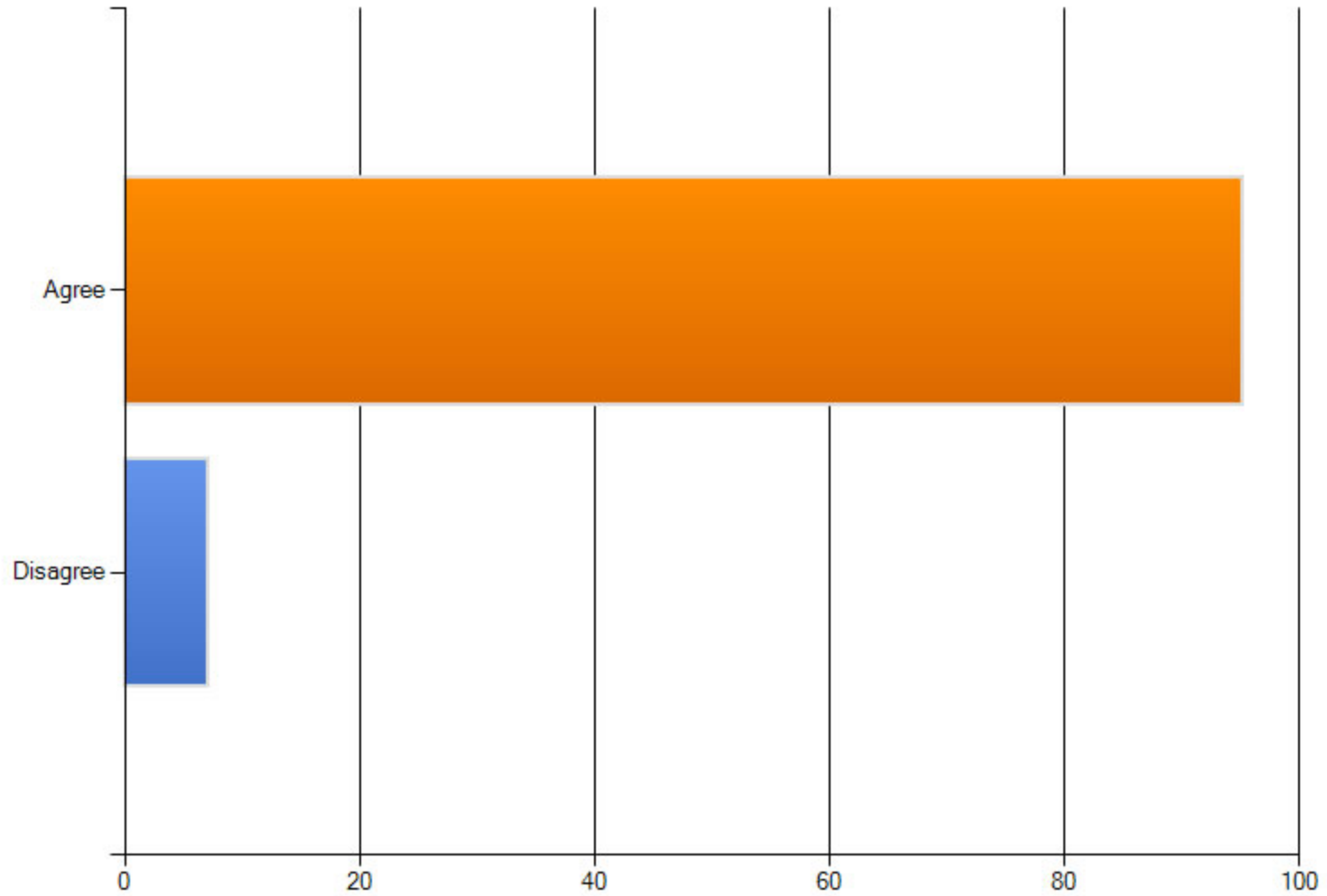
The SMR from 2006 for ice breaking capabilities is 4.5 ft level ice at 3 kts. Do you agree or disagree that this is an appropriate value?



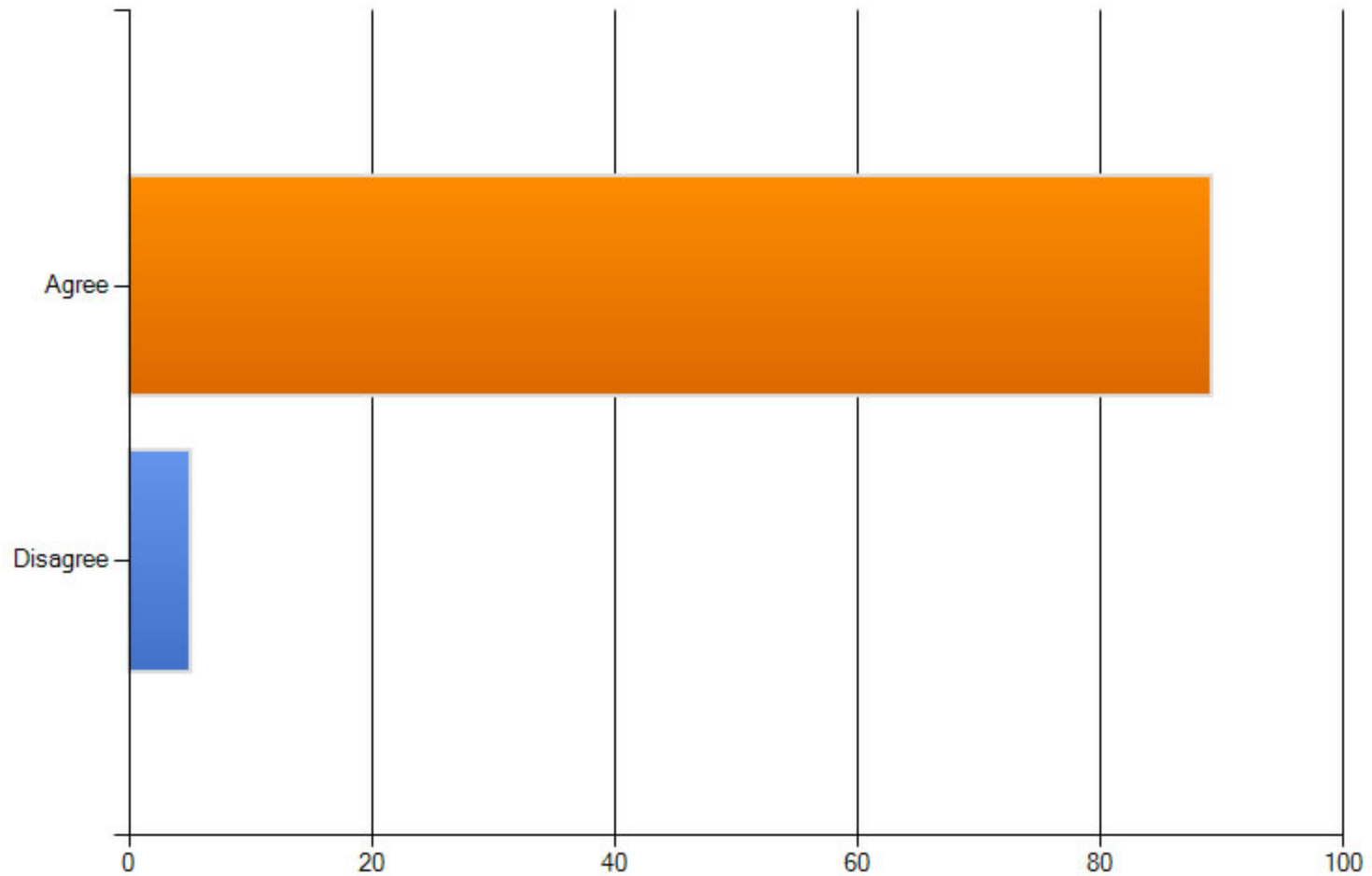
**The SMR from 2006 for Accommodations (number of science bunks) is accommodation and lab space for 50 scientists, plus additional space for science support personnel. Do you agree or disagree that this is an appropriate value?**



The SMR from 2006 for Deck Working Area is that it be helicopter capable. Do you agree or disagree that this is an appropriate value?

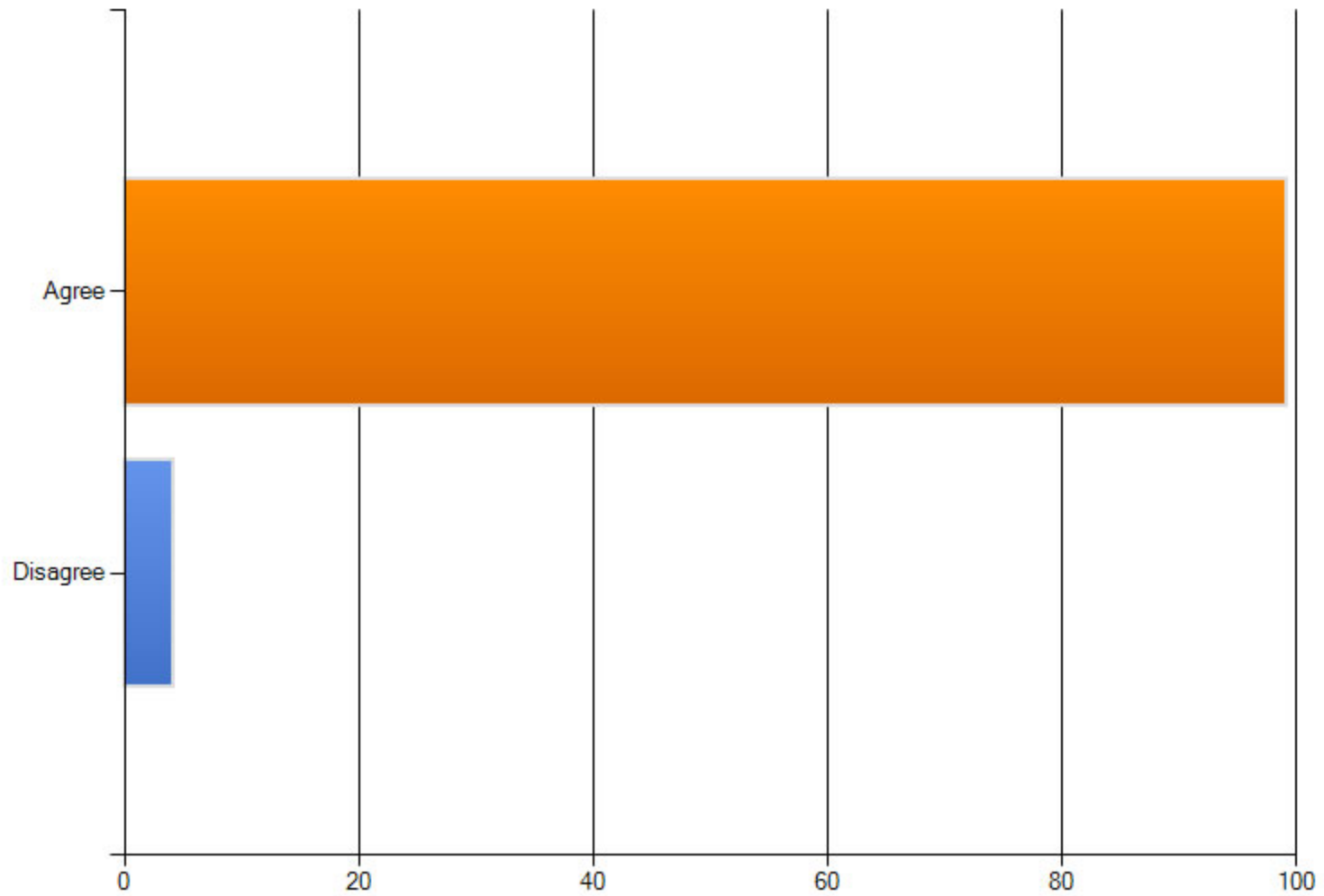


The SMR from 2006 for Acoustic System Requirements (system requirements, as well as requirements or criteria for radiated noise and interference with acoustic systems) is for an acoustically quiet vessel with the hull form designed for installation and operation of remote sensing instruments. Do you agree or disagree that this is appropriate?

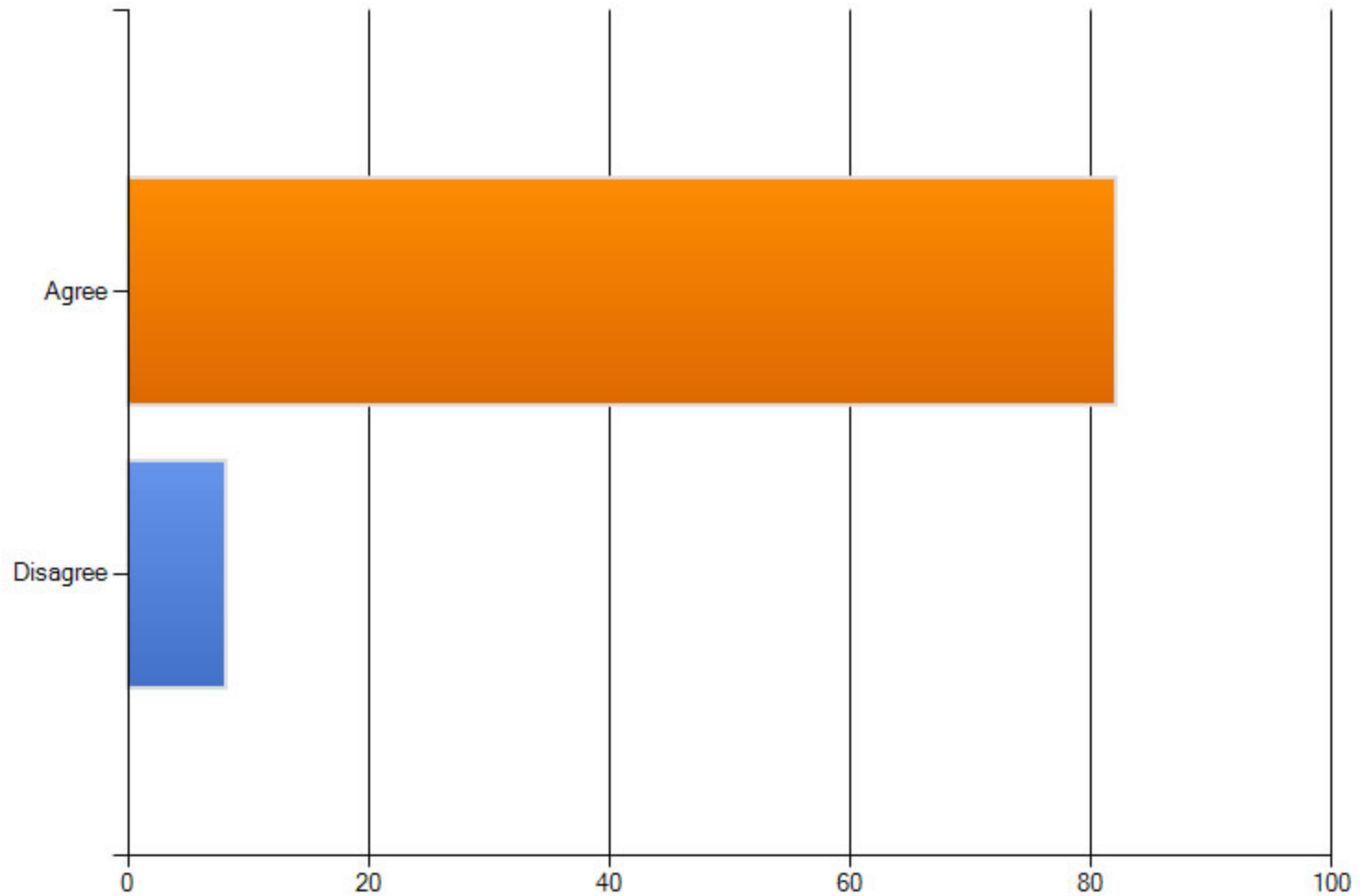




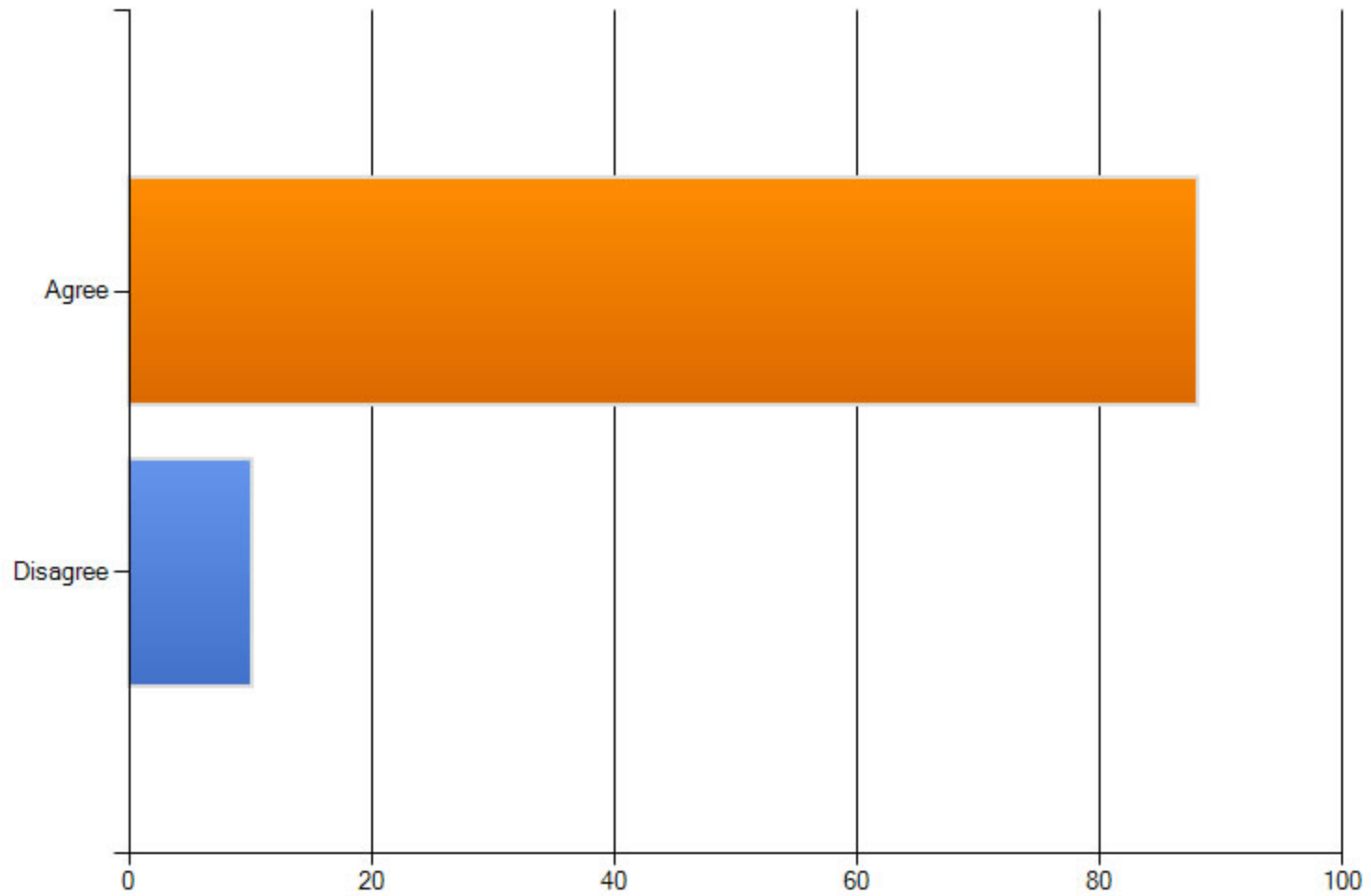
The SMR from 2006 indicates that AUV/ROV handling systems should be present. Do you agree or disagree that this is appropriate?



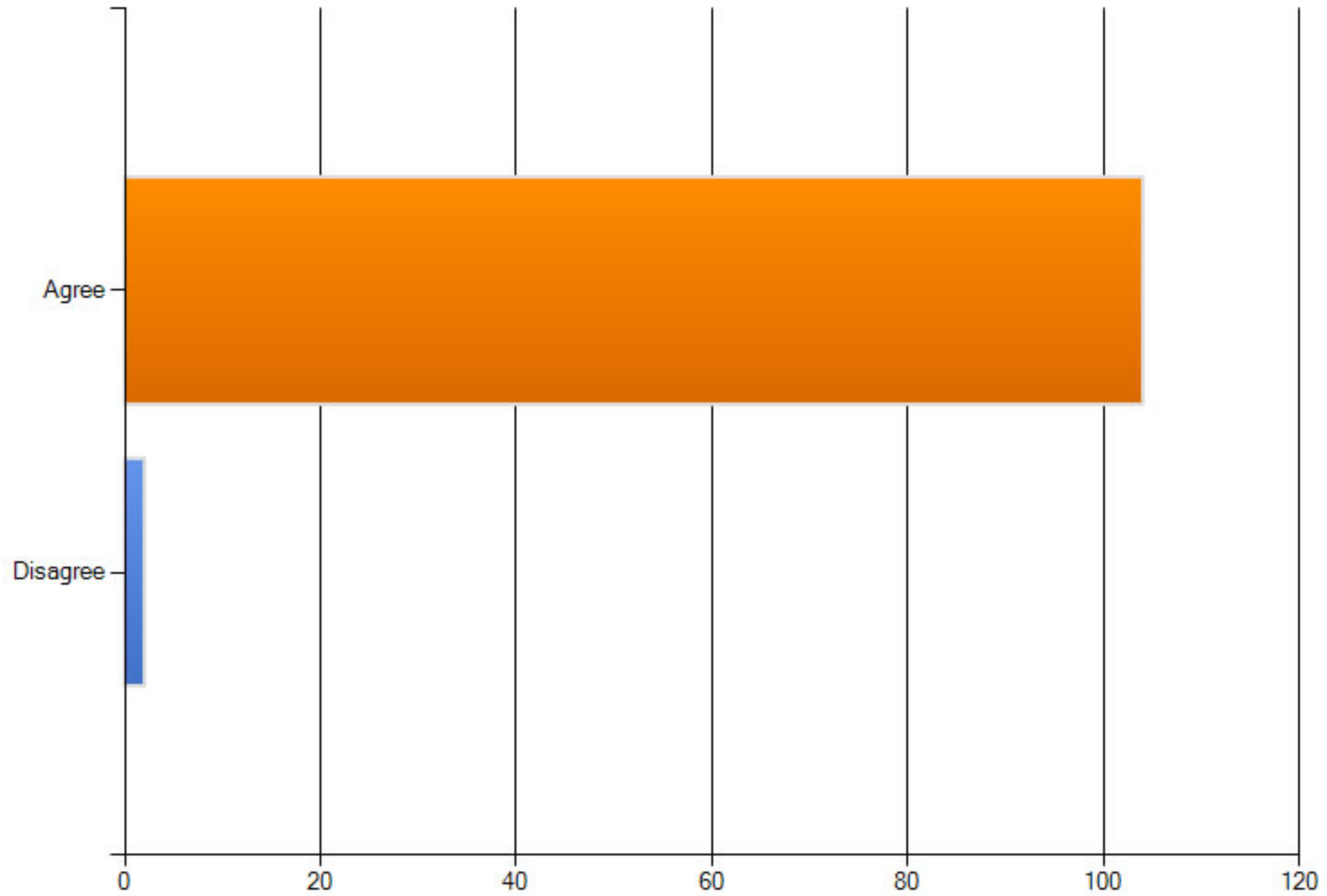
The SMR from 2006 endorses the use of a box keel (e.g. a keel that protrudes beneath the vessel's hull and that by design is kept clear of bubble sweep). This would allow for collection of high quality acoustic data from a ship at sea or working in the ice. Do you agree or disagree that this is appropriate?



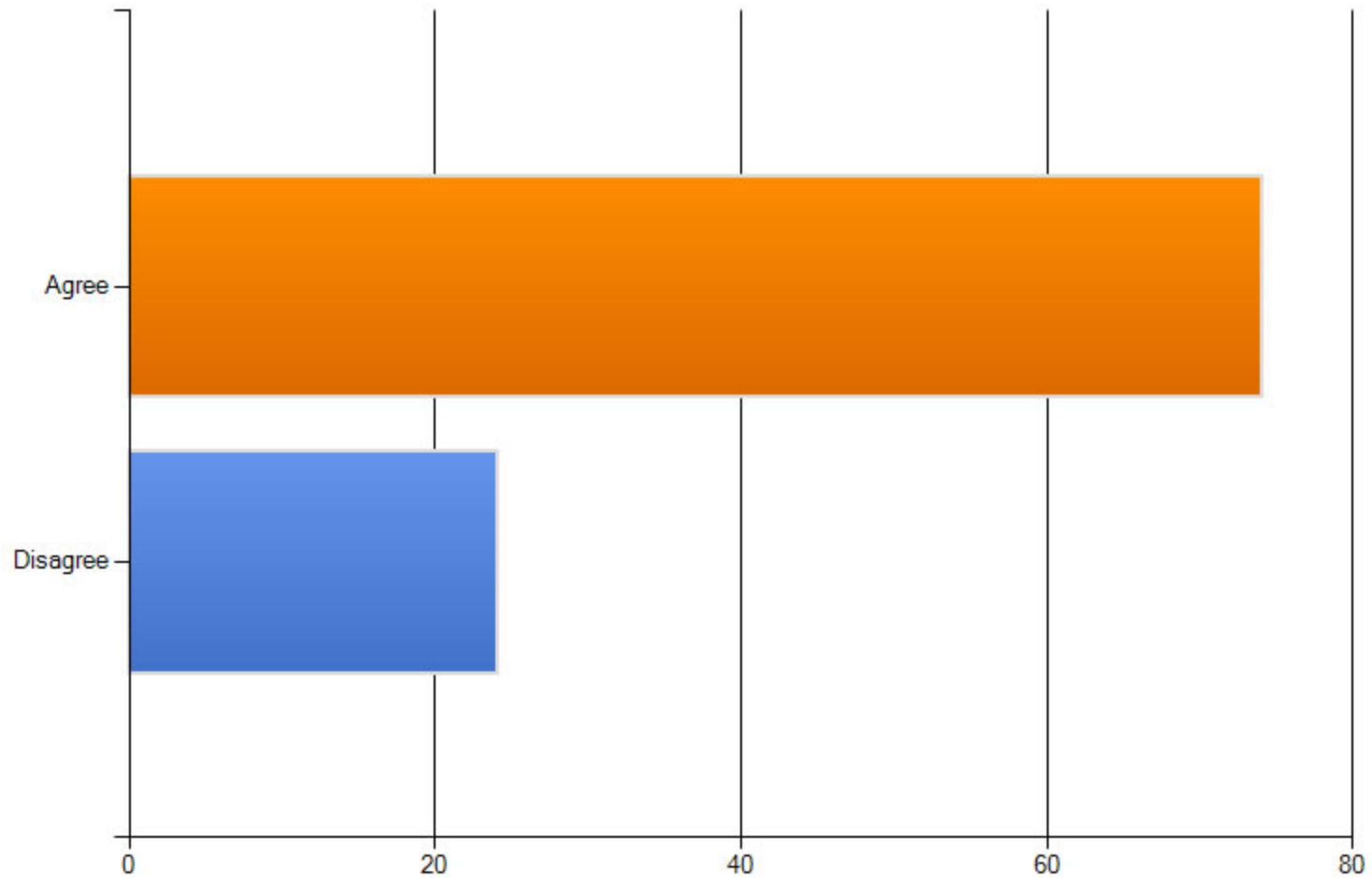
The SMR from 2006 indicates the need for the separation of permanent computing facilities in climate controlled, limited vibration spaces. Do you agree or disagree that these are appropriate?



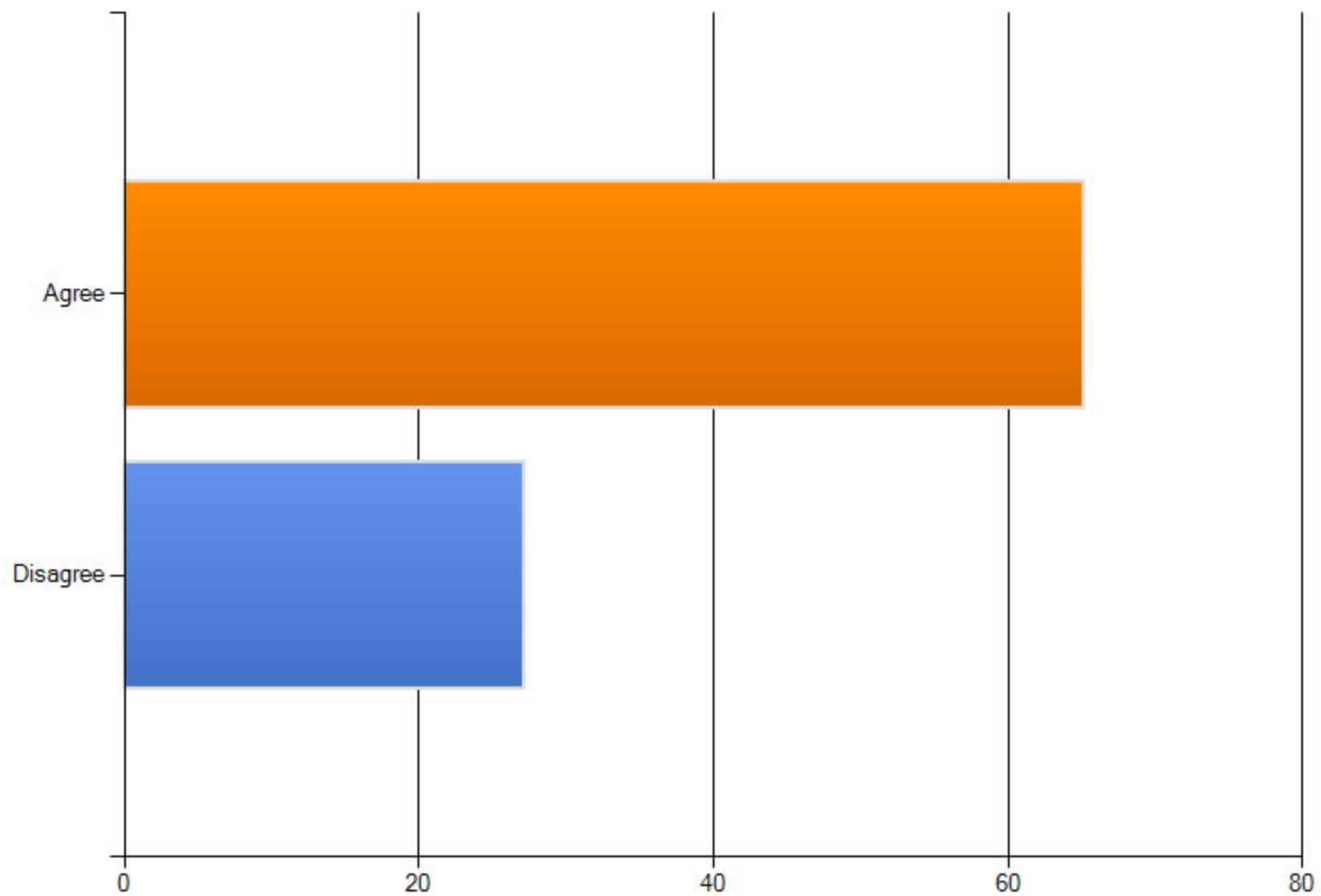
The SMR from 2006 for External Communication is for internet capability. Do you agree or disagree that this is appropriate?



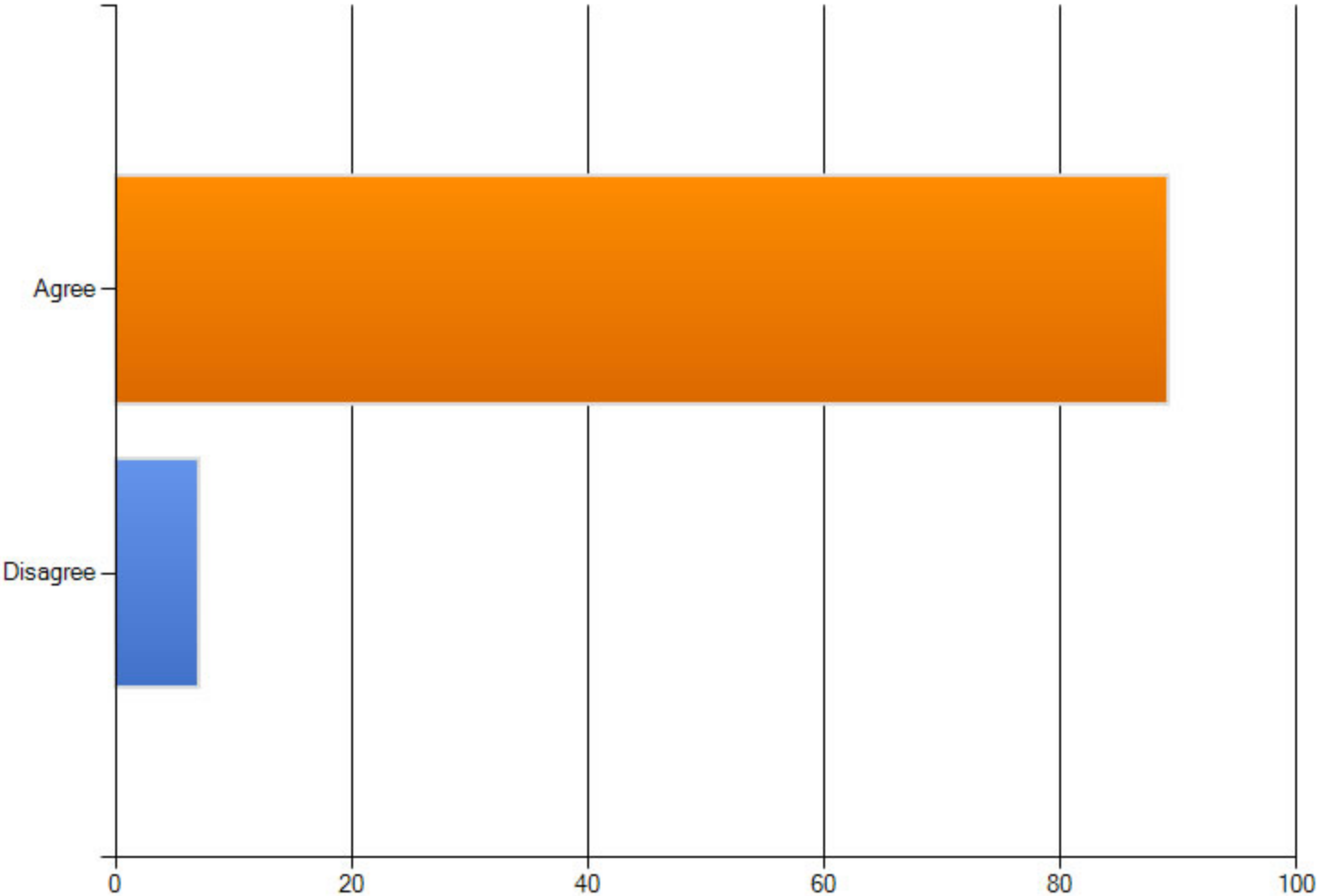
The SMR from 2006 for Laboratory Areas (types, space requirements, outfitting) are increased flexible lab space: 2 microscope rooms, 2 environmental rooms, aquarium space, Gimbaled platform, centrifuge space, electrophoresis equipment, and a trace-metal clean molecular laboratory. Do you agree or disagree that these are appropriate?



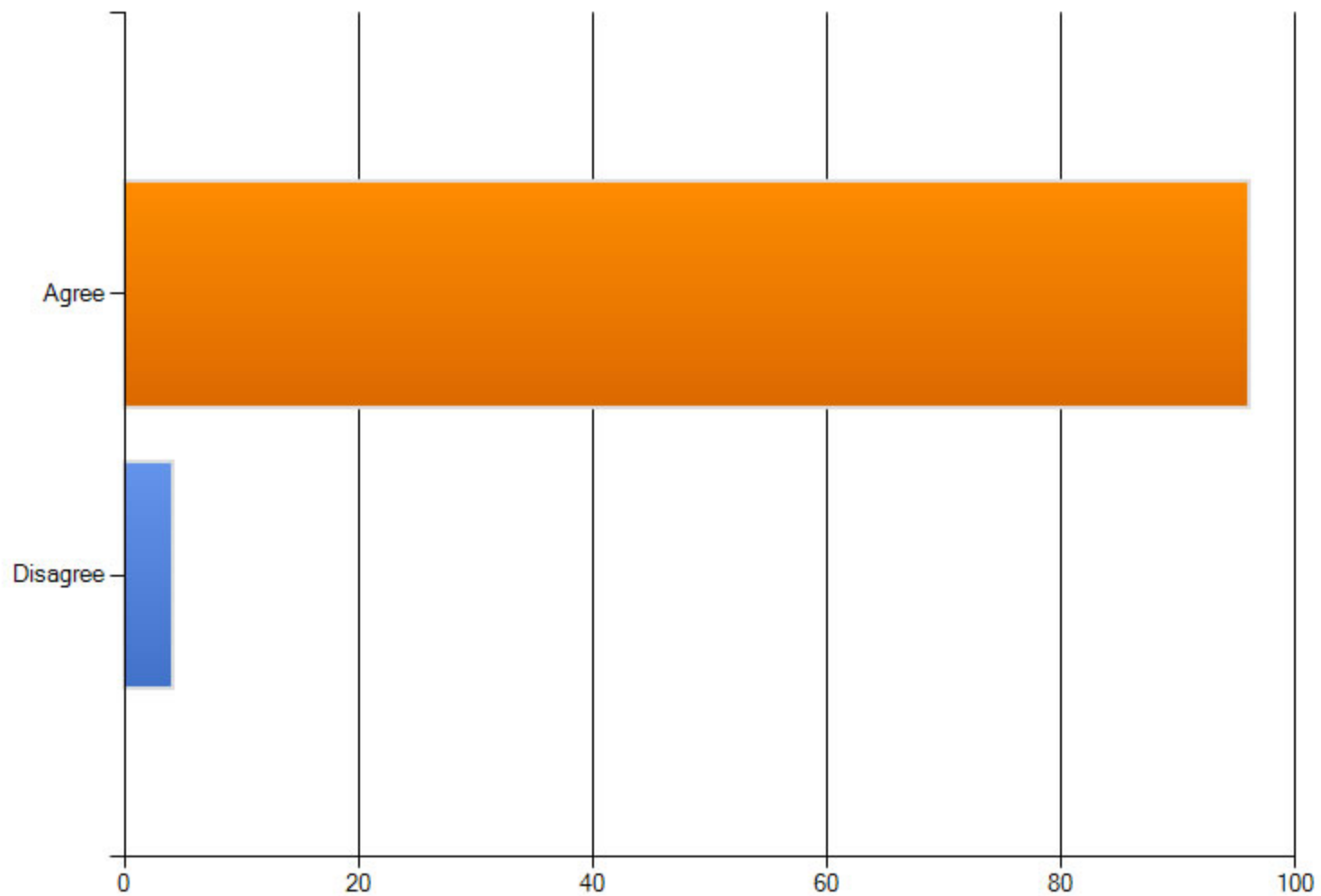
The SMR from 2006 indicates that Other Science Requirements should include a Moon Pool for drilling, AUV/ROV, and Coring Systems. Do you agree or disagree that this is appropriate?



The SMR from 2006 indicates the need for the addition of more sea-worthy small boats. Do you agree or disagree that this is an appropriate value?

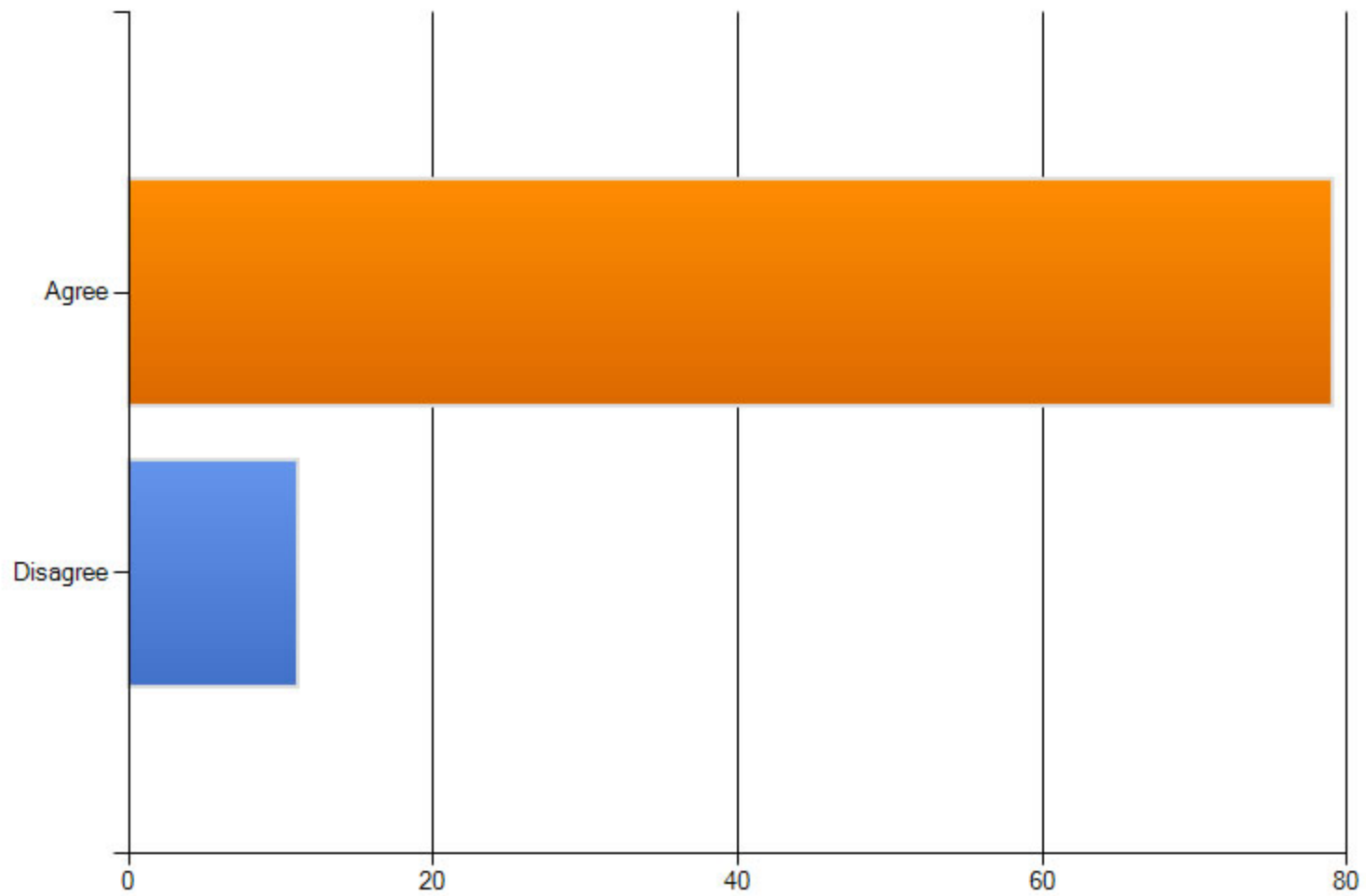


The SMR from 2006 for Science Storage are for a walk-in freezer, increased refrigerated storage, and core processing capabilities. Do you agree or disagree that these are appropriate?

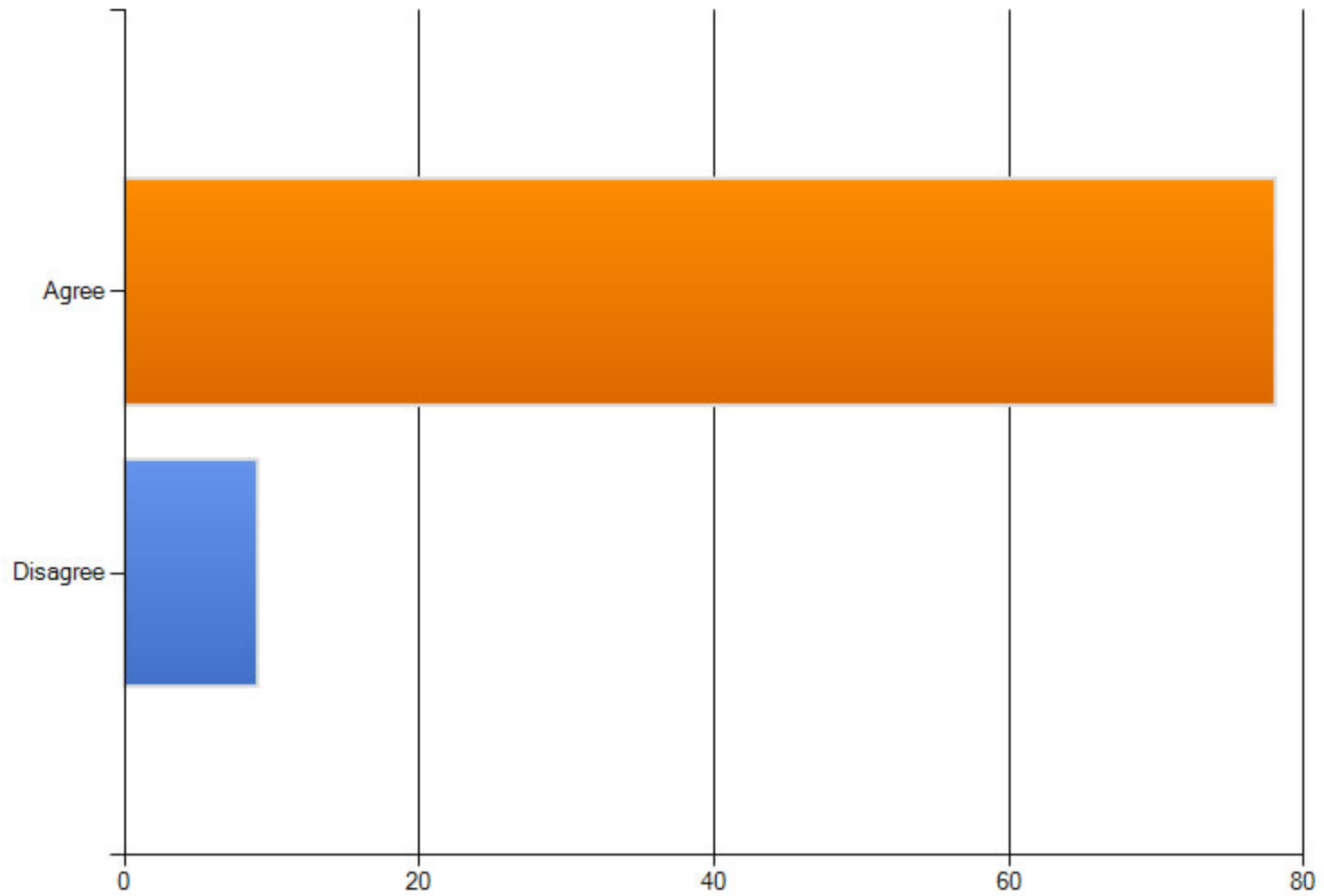




The SMR from 2006 for Towing Requirements is the ability to tow nets and research instrumentation from the stern during ice-breaking. Do you agree or disagree that this is appropriate?



The SMR from 2006 for Van Requirements is for 5-6 portable lab vans. Do you agree or disagree that this is appropriate?



The SMR from 2006 for Winch Requirements is a large otter trawl 2-point winch system. Do you agree or disagree that this is appropriate?

