Factors affecting trawl catchability | MSU Extension News



parameters. The good news is that the net's performance does not change much under changing conditions

(speed, bridle lengths, extra floats, etc.), but the bad news is that the trawl underperforms. The head rope lines are too loose and the trawl does not open more than 1 m when it was expected to open 2.2 m. The Lake Superior Technical Committee provided suggestions about potential research including installing cameras on head ropes (the recommended cameral costs about \$15,000). There were also suggestions that investigation occur of going to a different trawl with concerns raised about how the trawl data is currently used. It is used to make comparisons across lakes, habitats, depths, etc., but a determination on catchability changes over different conditions is still needed. This may help answer the question on why the estimates on siscowet lake trout abundance, presented in a previous Michigan Sea Grant workshop on siscowet lake trout, had an estimate by USGS of 45 million pounds while the MSU Quantitative Fisheries Center data showed an estimate of 600 million pounds.

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