

**Posting type**            Advisory  
**Subject**                B-module data from VIIS are suspect  
**Module/Species**        B/ CHL, NO3, SO4  
**Sites**                 VIIS  
**Period**                1 June 2001 - 31 May 2003  
**Recommendation**      Exclude from analysis  
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### Supporting information

B module sampling at VIIS started in 1998. The figure below shows ratios of 24h data from the B and A modules. The ratio of sulfate ion (measured by B module) to 3\*sulfur (measured by A module) should remain near 1. The ratio of chloride ion (B) to elemental chlorine (A) should remain near or above 1. From March 2001 through May 2003 these ratios were anomalous, while internal indications of A-module data quality were normal. The cause of the anomaly is unknown, but does not appear to have been a flow problem.

