

470.

## Log Flume anti roll back (ARB) failure

NAFLIC has received a report from a UK registered inspection body regarding an accident that involved a Zamperla Log Flume manufactured in 1990.

It is understood that the main cause of the accident, according to the manufacturer, was that the boats are over 26-years-old. The boats' GRP body would have deteriorated over time and at the point that the drive belt failed, the boats ARB mechanism engaged accordingly. The GRP failed at the ARB mechanisms location, allowing a boat to disengage with the lift's ARB rack. This resulted in the boat sliding down the lift and colliding with another boat on the lift.

No issues were found on either the ramp or its ARB rack and both were passed by Zamperla.

It would be advisable for any operators to contact the manufacturer Zamperla, as these types of boats may now be "lifered."



Committee Members: Mr. D Dadswell (Chairman), Mr. A Mellor (Secretary), Mr. P Smith, Mr. J Green, Mr. D Cox, Mr. I Davies, Mr. J Shilling, Mr. D Inman & Mr. R Hiscoe

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