



**Board of Directors
JUNE 27, 2009 AGENDA**

To: Board of Directors
PREPARED BY: John P. Rutledge, General Manager
SUBMITTED BY: Karen Vander Meyden, Chairperson – Lake Activities and Safety Committee
SUBJECT: Replacement of Engine and Outdrive for Patrol Boat # 2

SYNOPSIS:

The Lake Activities and Safety Committee authorized the replacement of the engine and outdrive for Patrol Boat #2 on an emergency basis.

FISCAL STATEMENT:

Due to fatigue from the number of hours used, the drive unit portion of the outdrive has failed. It was my opinion and that of the committee that because of over 8200 hours of use, the engine should also be replaced. 8200 hours are the most that we have ever put on a single power plant. The costs to replace the engine, gimbal, and drive unit increase by several thousand of dollars for the parts and additional labor when done in a piece meal fashion.

BACKGROUND:

This boat was purchased in February of 2001. Since new, the boat has had maintenance performed approximately every 150 hours. In June of 2004 the engine had a valve job completed on the heads at 3785 hours. This has been the only major work completed on either the drive or engine in 8200 hours. The gimbal has been replaced approximately every 2000 hours. It has been the policy of the association to not tear down the engine and drive at predetermined hours of use, but rather to use the equipment until its life has been exhausted. The 8200 hours equate to approximately 500,000 miles of use in a car.

It was necessary to complete the repair of the patrol boat prior to the July 4th weekend. It will take approximately 1 week to have the parts shipped from Mercury Marine and an additional 3 days to complete the work if there are no problems.

The motion from the Lake Safety Committee was to request the full amount (about \$15,000) for engine and outdrive package. This matter has been reviewed by staff and the Finance Committee and it was determined that the repair be charged to account 5150.

RECOMMENDATION:

It is requested that the Board of Directors approve the decision of staff, the Lake Activities and Safety Committee and the Finance Committee.