

## **Precision Seafood Harvesting**

### **Quarter 2 12/13 (Oct - Dec 2012)**

The programme is progressing as planned. The first design test fishing trips have been completed and have targeted fish species; snapper, hoki and alfonsino. The mark 5 prototype module harvest system performed well during these tests and initial results are reason for optimism around future testing of this design and its design iterations. Low fatigue fish samples have been harvested and isolated from normal handling systems to retain the quality potential. These samples have been delivered to shore for the purpose of initial evaluations by shore plant staff and marketing.

Video analysis of underwater escapements and on-board handling systems is being used to bring through modifications to both the harvest technology and vessel designs where required.

The low fatigue delivery designs being tested have already demonstrated selectivity against different fish species. The initial results are exciting and validate the view that the unique behavior of different fish species in the harvest system can be used as basis for selective harvesting.

Marketing panel members are being used to assess consumer quality parameters and to benchmark the quality against fish harvested using standard methods. Two evaluation meetings have been held this quarter, timed to coincide with the first landings of low fatigue fish samples.