



***WAMSI 4.4.3 Monitoring catch of
non-commercial sector***

Objective

To develop cost-effective methods for monitoring the catch of the non-commercial sector

- Assessment of various survey techniques, to develop a cost effective integrated system to measure the catch of non-commercial fishing sectors in the West Coast and Gascoyne demersal scalefish fisheries
- Development of methods for incorporating recreational volunteers into a formalised program for the collection of essential biological and catch and effort information for inshore and estuarine fisheries
- Provision of information from the above activities to IFM-related processes within the West Coast and Gascoyne Bioregions



WA recreational angling

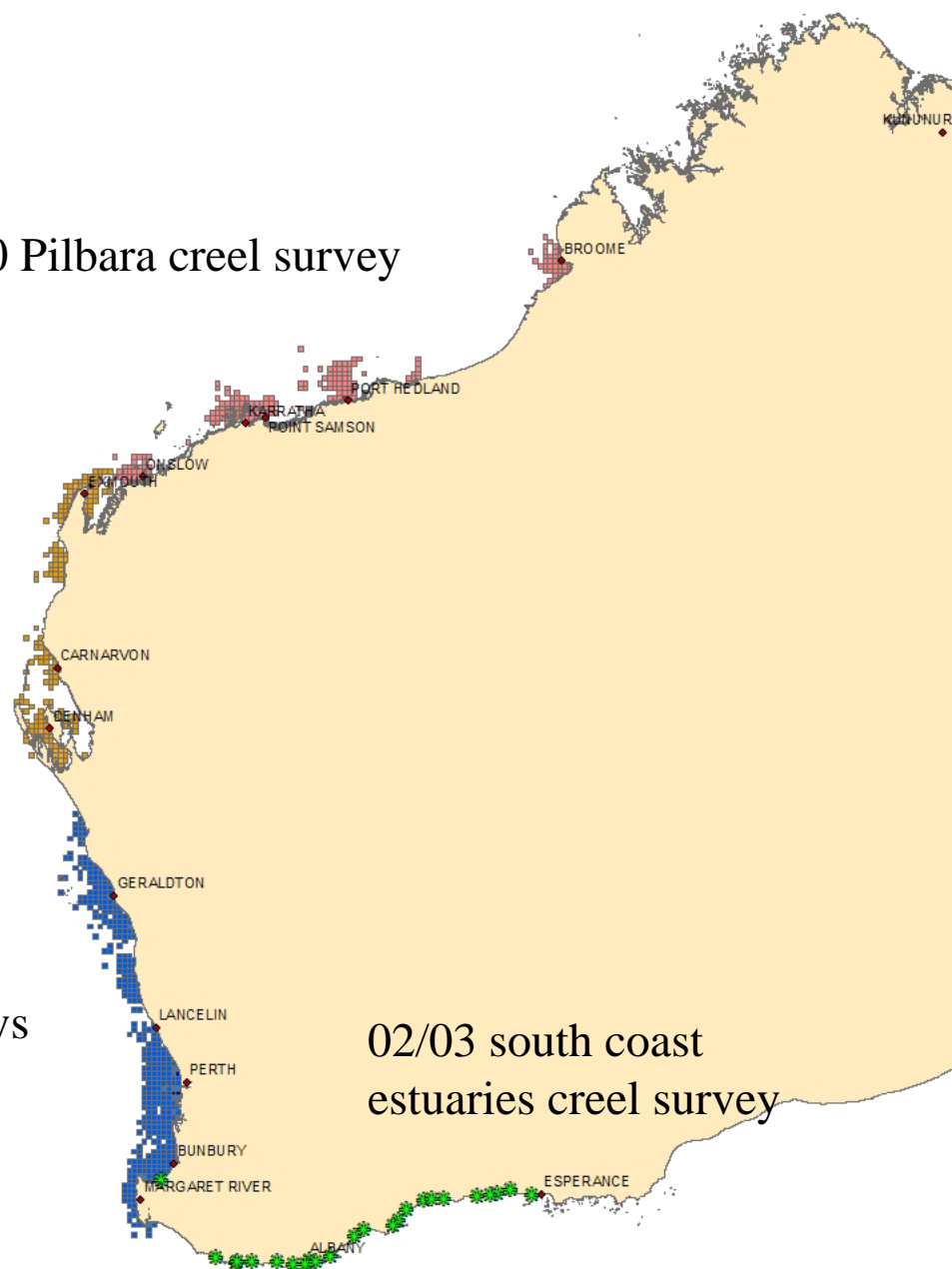


99/00 Pilbara creel survey

98/99 and 07/08
Gascoyne creel surveys

96/97, 05/06, 08/09
west coast creel surveys

02/03 south coast
estuaries creel survey



Progress on phone-diary survey

- State-wide boat-based phone-diary survey
 - Biggest single component of project
 - WAMSI and DoF funded
 - Delayed start - now 2009
 - Formal discussion with DPI for vessel information
 - Design completed





Phone-diary survey design

2000 boat owners over 12 months

South Coast – 400 (~5000)

West Coast (inc Perth Metro) – 500 (~60000)

Gascoyne – 400 (~1000)

Pilbara – 400 (~3500)

Kimberley – 400 (~500)

~\$285k

Phone-diary survey costs

Quantity	Description	Days	Cost
80	Days Research Scientist		\$13,650
140	Days Statistical Officer		\$25,200
90	Days Data Entry	90	\$14,283
1200	Days Interviewer	1200	\$227,250
	Telephone Calls		\$30,000
	Printing and Stationary		\$4,500
	Publication		\$250
	Catering: Training Session Lunches		\$1,750
	DPI Mailout		\$2,750
	DoF Mailout		\$2,205
	Headsets		\$900
			\$283,888
		Total	\$284,000



Progress on other data components

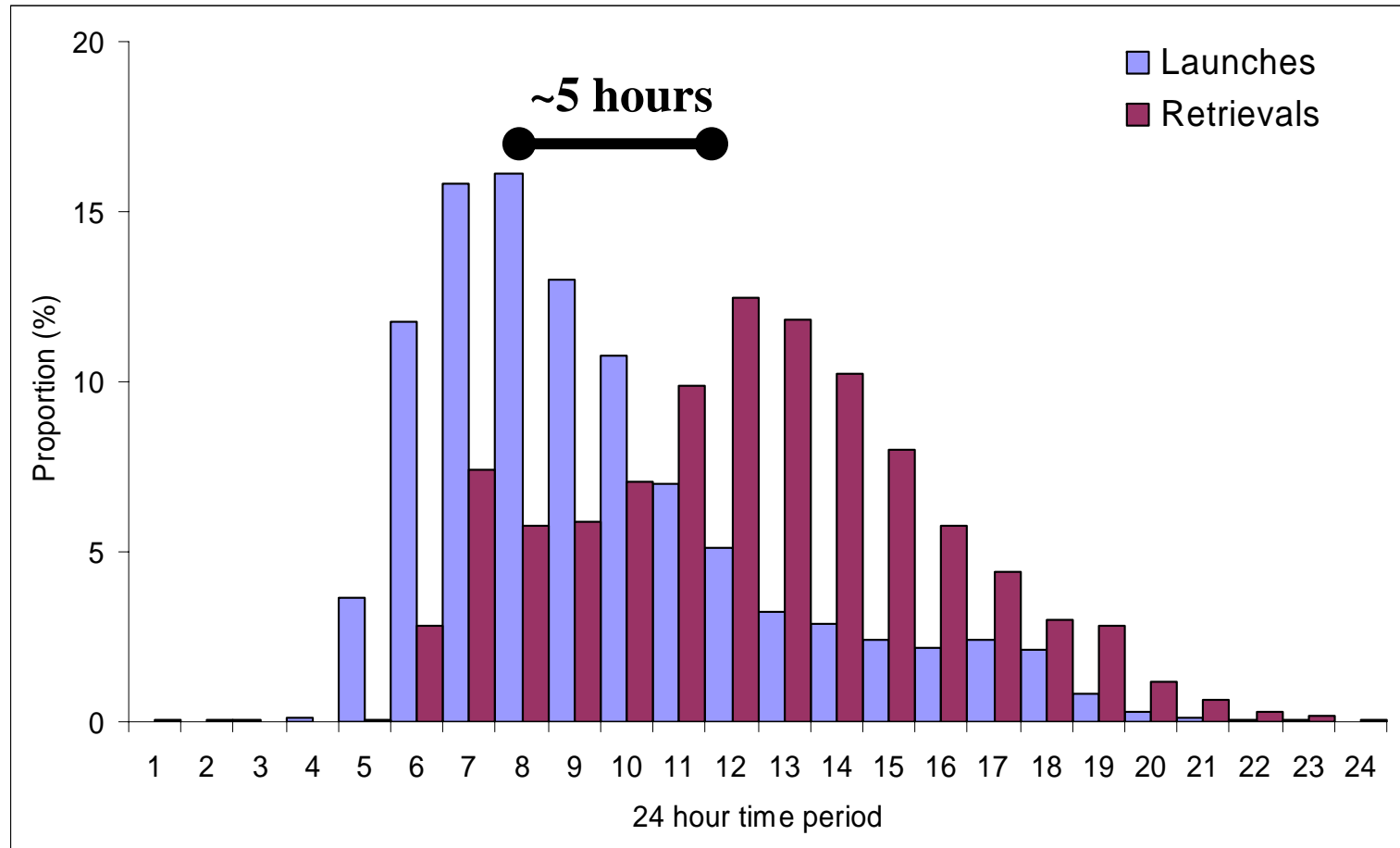
- Creel survey (05/06) for WCB completed and report published. Field component for Metro only creel survey (06/07) completed with analysis to commence. New WCB creel survey (08/09) commenced and will end mid 2009.
- Phone diary survey for WCB (05/06) completed and draft report produced.
- Field component of Gascoyne creel survey (07/08) completed and analyses of data almost complete.
- Examination of information from RAP, VFLO, FMOs and remote surveys underway.
- Collection and analysis of fishery-dependent collection of biological information including representative age samples from West Coast and Gascoyne bioregions
- Information from the above activities into the West Coast and Gascoyne bioregions IFM related processes



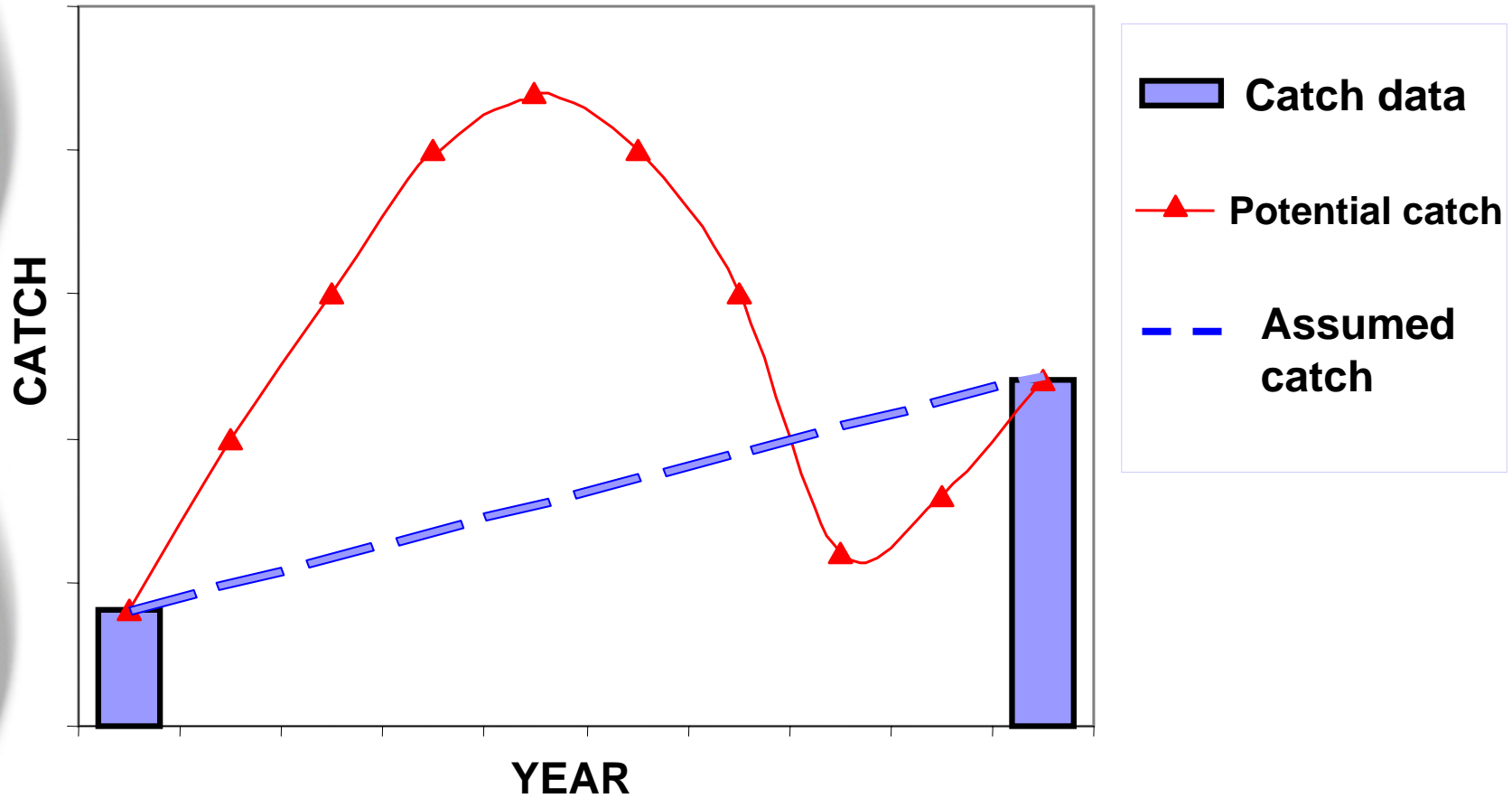
Hillarys boat ramp



Video outputs



Present



Future



CATCH

