

Status of Paua Stocks

Why is stock status important?

How does knowing stock status fit into the management plan framework?

What did we learn last year?

What are the status of our paua stocks?

Why is this important?

Simple Answer –

Because your business
(and the value derived by others)
depends on **knowing where we are and
where we are going**



How does this fit into Management plans?

They form the basis to start developing
Management Plans

Credible management for those
“other” stocks require it

What did we learn last year?

- Setting realistic objectives is a better way to manage
- Knowing and recording the status of stock important
- Make risks and opportunities explicit
- Planning how to get there makes sense.

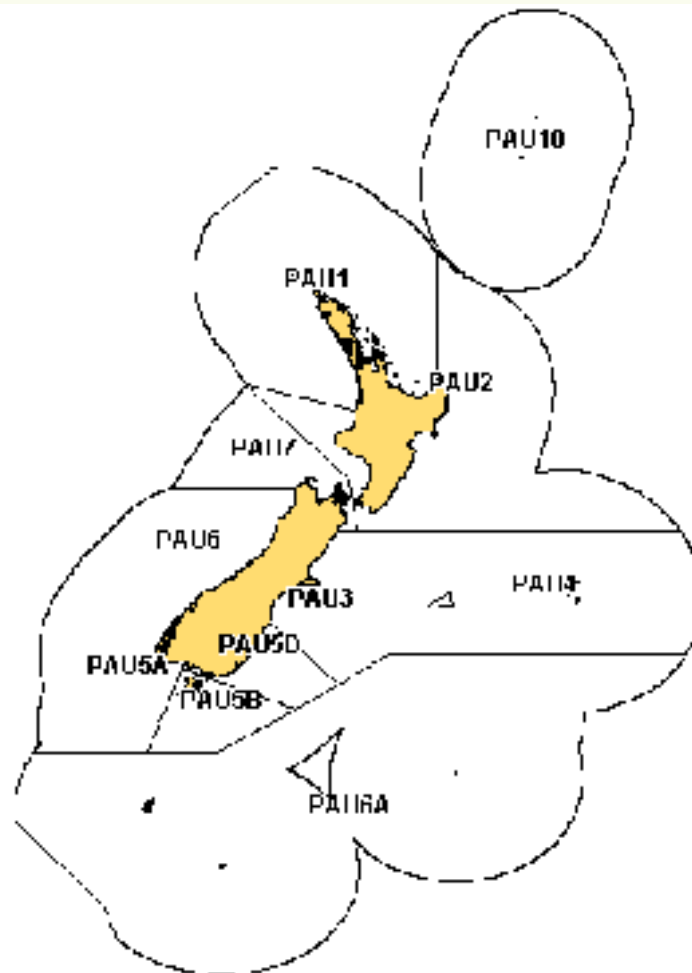


What are the status of our paua Stocks?

- Draw on work done last year.
- Focus on key indicators



PAUA QMAs



PAU 1 Harvest

- TACC = 1.93 tonnes (0.053 taken)
- Customary catch = unknown
- Recreational catch = 30 –50 tonnes
- OSFRM = Unknown



Pau 1 Stock Status

- Harvest strategy - MSY
- TAC – None
- TACC – 1.93 tonnes
- Recent stock assessment - None
- Current status or projection - None
- Likely to be above Bmsy - Unknown



Paua 1 Looking Ahead Issues & Opportunities

- Crown owns 33% of quota shares
- Aquaculture seeking access to northern broodstock
- Theft



PAU 2 Harvest

- TACC = 121.19
- Customary catch = Unknown
- Recreational catch = 50-100 tonnes
 - 99/00 Survey 200-600 tonnes
- OSFRM = Unknown

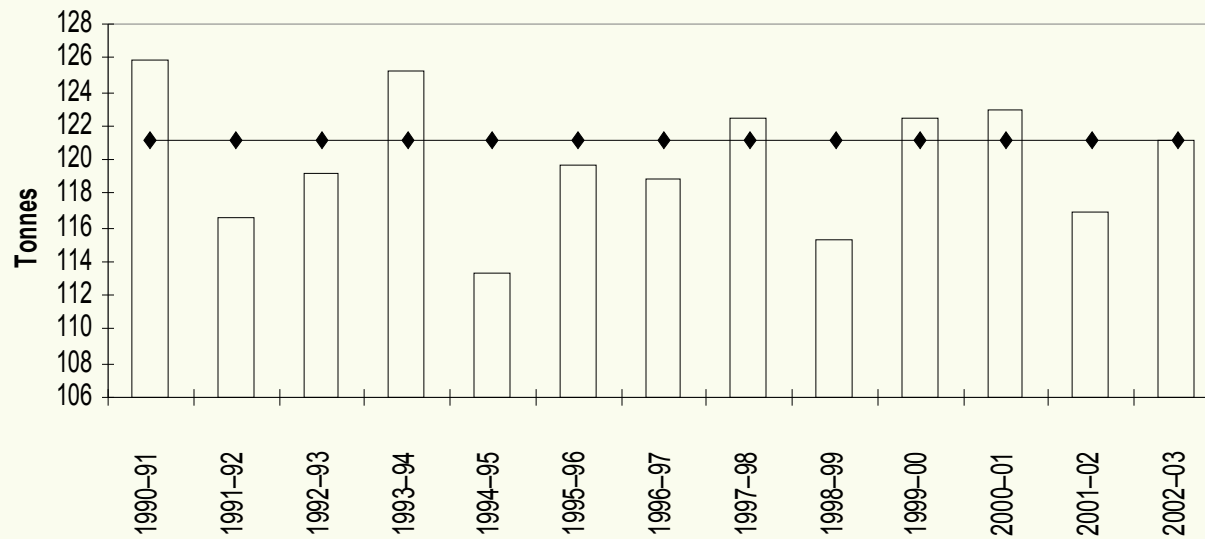


PAU 2 Stock Status

- Harvest strategy - MSY
- TAC – None
- TACC – 121.19
- Recent stock assessment – None
- Current status or projection – None
- Likely to be above Bmsy - Unknown

TACC vs Landings

PAU 2



PAU2 Research

2002-03: Catch Sampling and Stunted Stock project

2003-04: Catch Sampling

2004-05: Catch Sampling

2005-06: Catch Sampling

PAU2 Looking Ahead Issues & Opportunities

- Stock assessment
- No TAC set
- Wellington South Coast
- Theft
- Stunted stocks



PAU 6 Harvest

- TACC = 1 tonne
- Customary catch = Unknown
- Recreational catch = 1-10 tonnes



PAU6 Stock Status

- Harvest strategy - MSY
- TAC – None
- TACC – 1 tonne
- Recent stock assessment – None (1995)
- Current status or projection – None
- Likely to be above Bmsy - Unknown



PAU6 Looking Ahead Issues & Opportunities

- Stock boundaries
- Theft



PAU7 Harvest

- TACC = 187.29 tonnes
- Customary allowance = 15 tonnes
- Recreational allowance = 15 tonnes
- OSFRM allowance = 3 tonnes



PAU 7 Stock Status

- Harvest strategy – No targets but reference points
- TAC – 220.24 tonnes
- TACC – 187.29 tonnes
- Recent stock assessment - Yes
- Current status or projection – Stable and enhanced with shelving
- Likely to be above Bmsy – Unknown



Research

2002-03: Catch Sampling and research survey

2003-04: Catch Sampling

2004-05: Catch Sampling and research survey

2005-06: Catch Sampling and Stock Assessment

PAU 7 Looking Ahead Issues & Opportunities

- Fishery plan
- Shelving should continue

