

MIT 2010/01 Development of Mitigation Strategies: Inshore Bottom Longlining

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Objectives

Survey skippers of vessels fishing bottom longlines in FMA2 to discuss mitigation and fishing practices

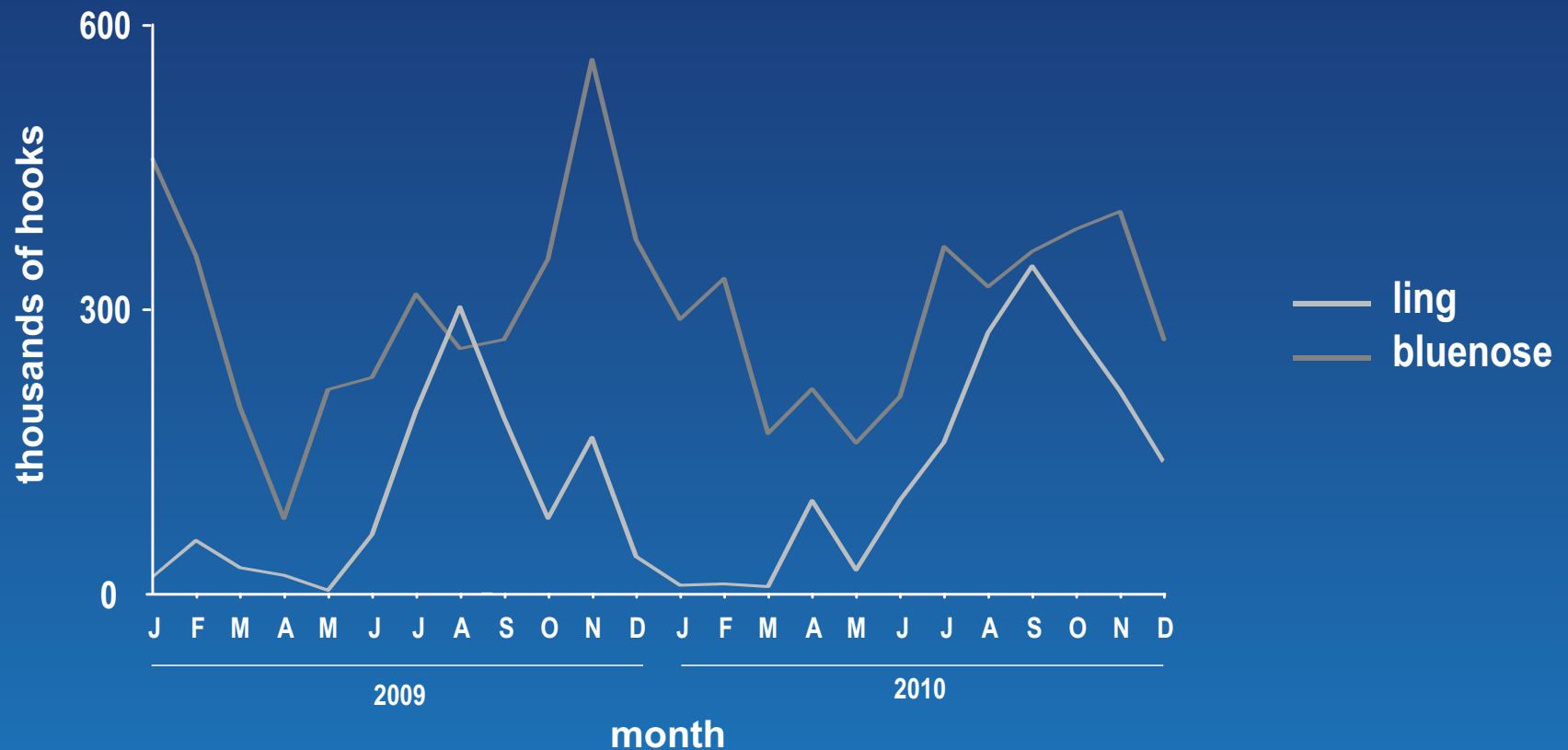
Investigate the sink rates of bottom longlines on vessels carrying government observers



Bottom lining in FMA2

Target species	# Sets	%
Bluenose	1761	48.8
Ling	1336	37.0
Hapuku / Bass	439	12.2
School shark	36	1.0
Ribaldo	27	0.7
Other	8	0.2

Changeable



Autoline and 'Clip on' Gear

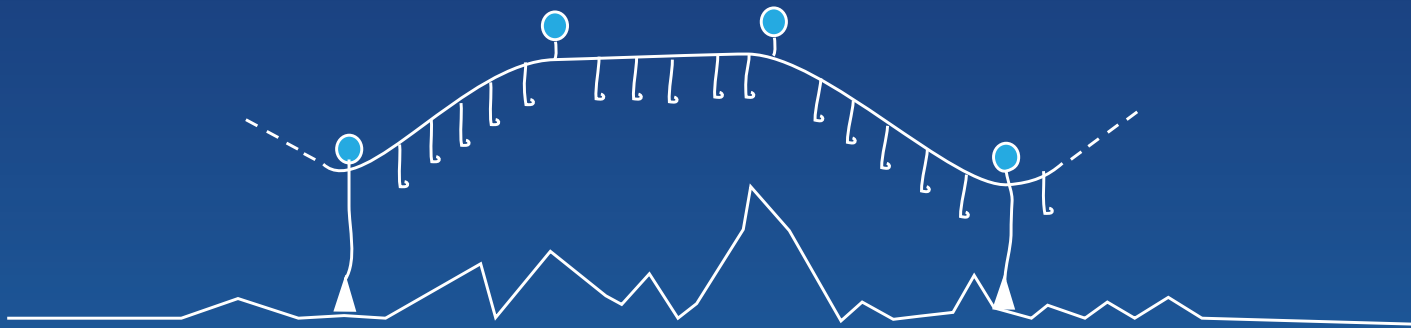


Fishing Gear

Both change set-up to suit different target species

Video

Bluenose / Hapuku



Ling



○ Float

▲ Weight

Mitigation

Night setting

Tori lines

Offal management

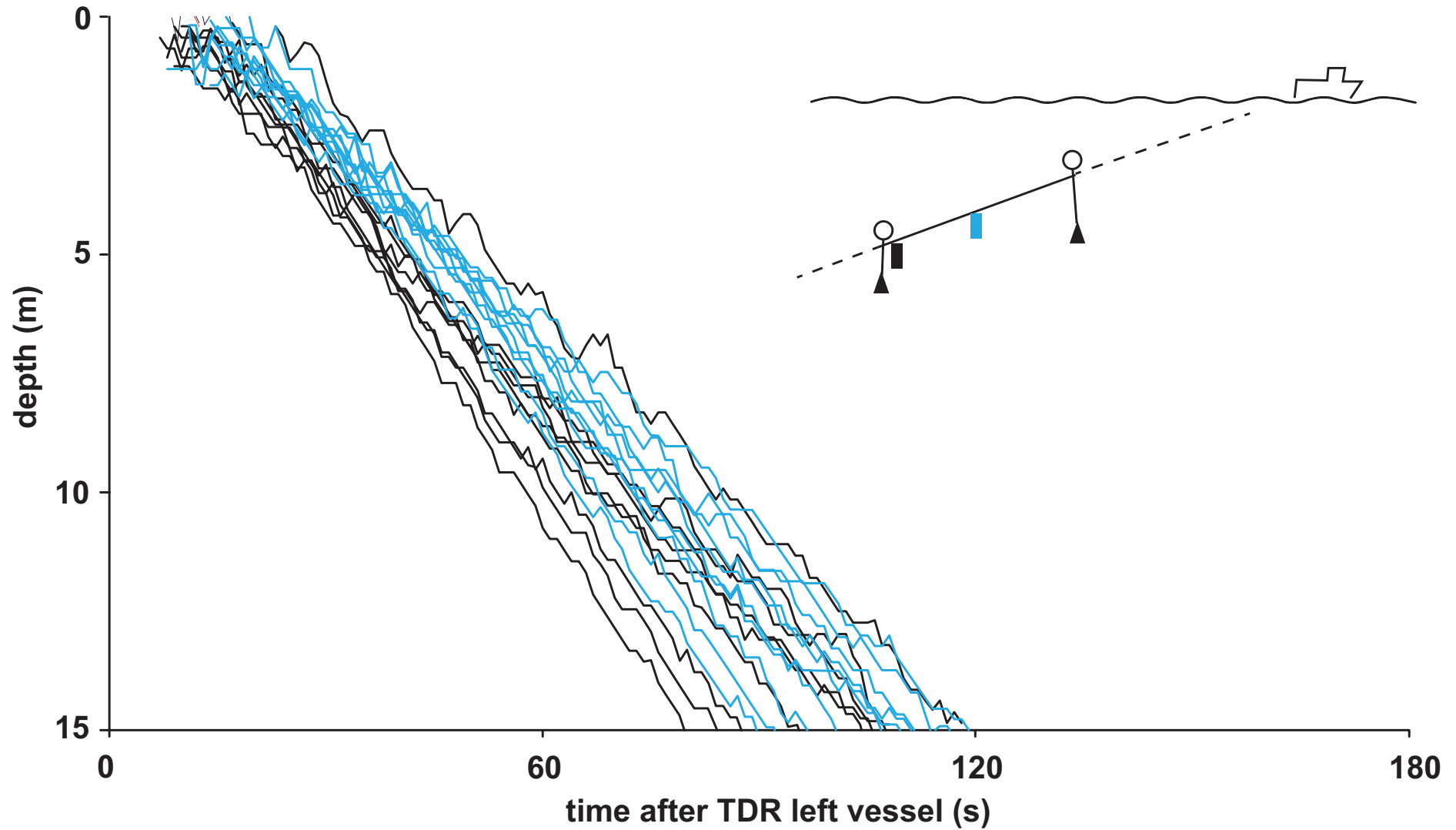
Not a lot of processing

School shark, sometimes ling

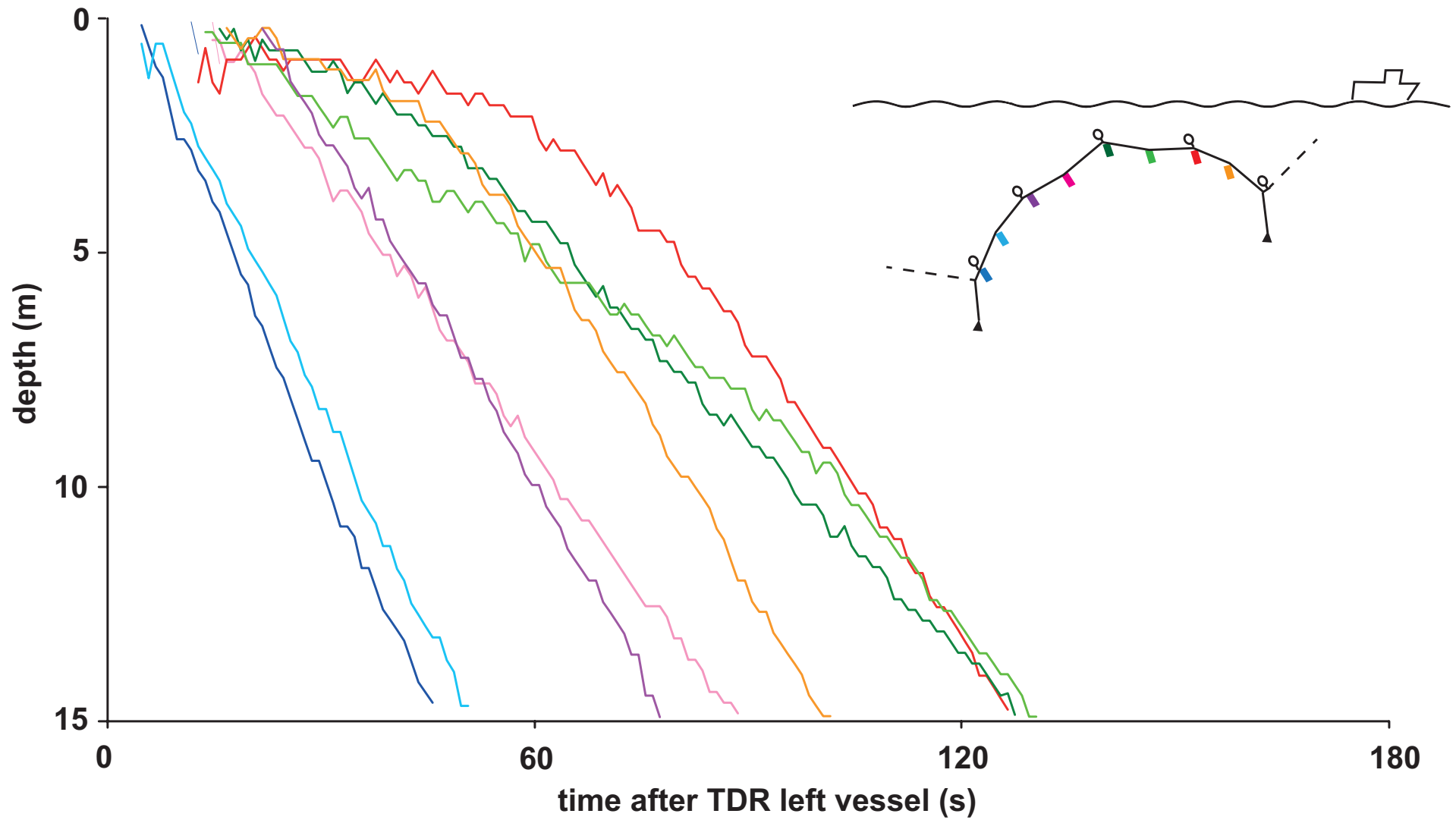
Separated from next set

Old baits

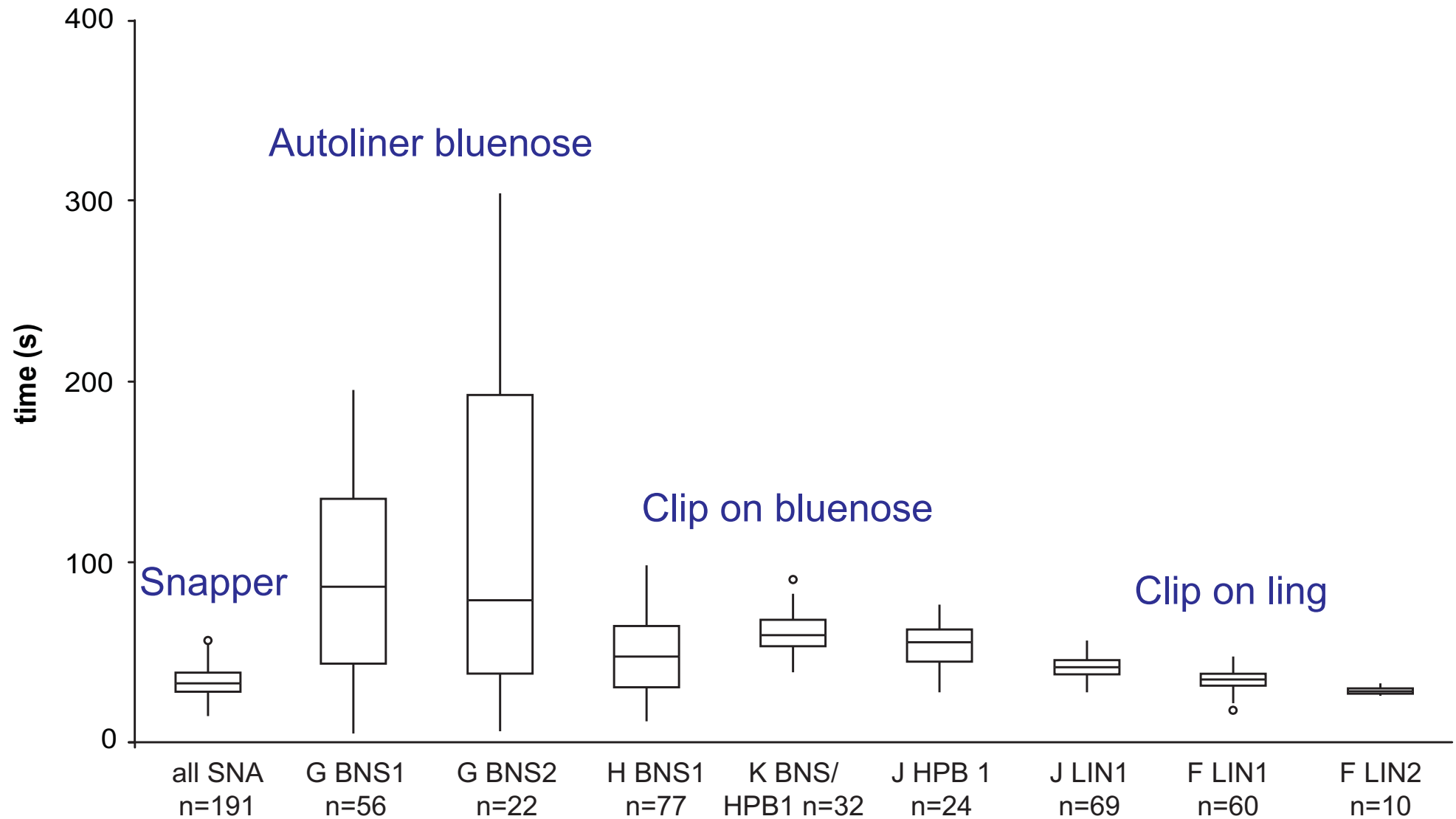
Sink rates - Ling



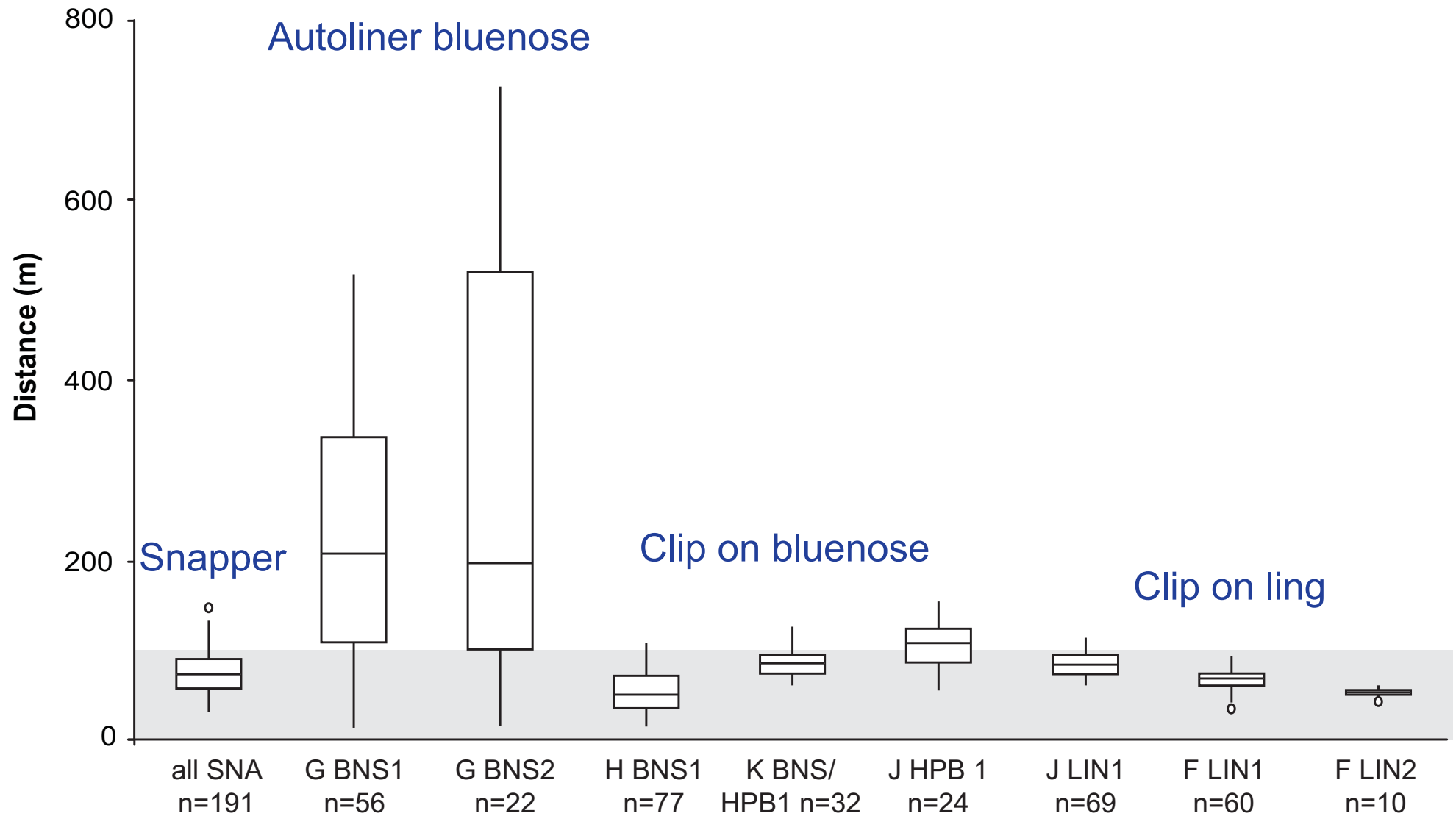
Sink rates - Bluenose



Sink Time to 5m



Distance behind vessel TDRs reached 5m



Recommendations

Weight spacing

Speed

Line Tension

Float rope extensions?

Investigate best practice line weighting

Quantify tori line protection