



DOC project MIT 2015-01

Seabird Liaison Programme Coastal Long-liners—Surface Longline Fleet Component 2016-17

Final Report July 2017

Richard Wells - Resourcewise Ltd
&
John Cleal - FVMS Ltd

Scope

- Deliver agreed objectives to all domestic surface longline vessels over next 6 months
 - Seabird Vessel Specific Risk Plans
 - Risk Management documentation
 - Safe Operating Procedures
 - Tori lines or tori line materials
 - How to guides for building toris
 - Fishermen meetings to discuss techniques to operate toris and weights

Principal Objectives

Deliver programme that ensures:

- All vessels have standard documents aboard
- All vessels have adequate and legal tori lines
- Principles for building and use of toris understood
- Principles for use and safety of weighting understood
- Trigger systems in place to report incidents
- All vessel owners and quota owners know everybody on same playing field
- Fishermen set up to succeed

Key Players

- Two Liaison Officers – John Cleal and Gary Levy
- Kris Ramm and Jo Lambie (DOC and MPI) + Dave Goad
- Daniel Kerrigan – MPI Obs Programme – feedback loop
- Troy Harper from Altair Fishing – skipper input and testing of draft documentation and systems
- Cara from FINZ – Spreadsheets, contacts and DropBox



Results

- Database formed of all vessels and owners and/or skippers inc contacts, ports etc
- Dropbox for DOC and MPI view – master lists and live updates
- Vessel document dossier assembled inc blank vessel specific risk plan (SMP) and vessel checklist plus all other Operational Procedures, “how to” guides, and safety materials plus info on turtles sharks and regulations
- 38 vessels in target group (all vessels in SLL fishery) – 17-20 m LOA
- Delivery commenced late November; issues through Xmas with travel options
- Final SMP delivered early February

Registration Number _____ Port _____ Operator _____

Purpose of this SMP

The SMP documents the required and agreed procedures and actions to be followed by this vessel to reduce risk to seabirds. Skipper and crew must also read and understand the SLL Operational Procedures provided.

Regulated measures for seabird risk reduction

Seabird risk reduction measures required by law apply to the surface longline fishery. A copy of these measures is on board. All seabird captures must be reported using the capture of protected species box on the Lining Trip Catch Effort Return, and the Non-Fish Protected Species Catch Return.

This vessel's measures used to manage seabird capture risk

As required by Law	In use?	What, When, Where or How
Weighting		
Standard tori line		
Spare tori line and parts		
Attachment height		
Night setting		
Reporting (NFPSC return)		
Other Best Practice		
Use of thawed bait		
Use of blue dyed bait		
Use of mitigation device used at the haul		
Managed discharge of offal and bait		
Use of line shooter		
Managed deck & spot lights		

Seabird handling and reporting

The skipper and crew have read the SLL Operating Procedures and understand safe and correct seabird handling techniques and reporting required to MPI and Liaison Programme triggers

Contacts

For any questions about this SMP, mitigation, and seabirds contact the Programme Seabird Liaison Officers:

John Cleal Ph: 021 305 825 Gary Levy Ph: 0275 390 399 or email sllinfo@inshore.co.nz

Date: ____ / ____ / ____





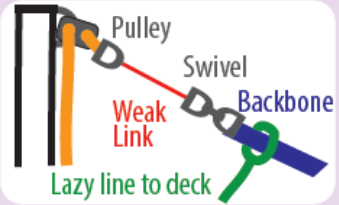
Results - Toris

36 kms of tori backbone, streamers and flashtape delivered -

- Kraton 6 mm diameter pink
- Beautory 6 mm diameter orange
- Braided polyethylene 8mm diameter (non rotating)
- Viticulture flashtape

SLL Tori Line Design Guide (Vessels Less Than 35m)

Vessel Attachment

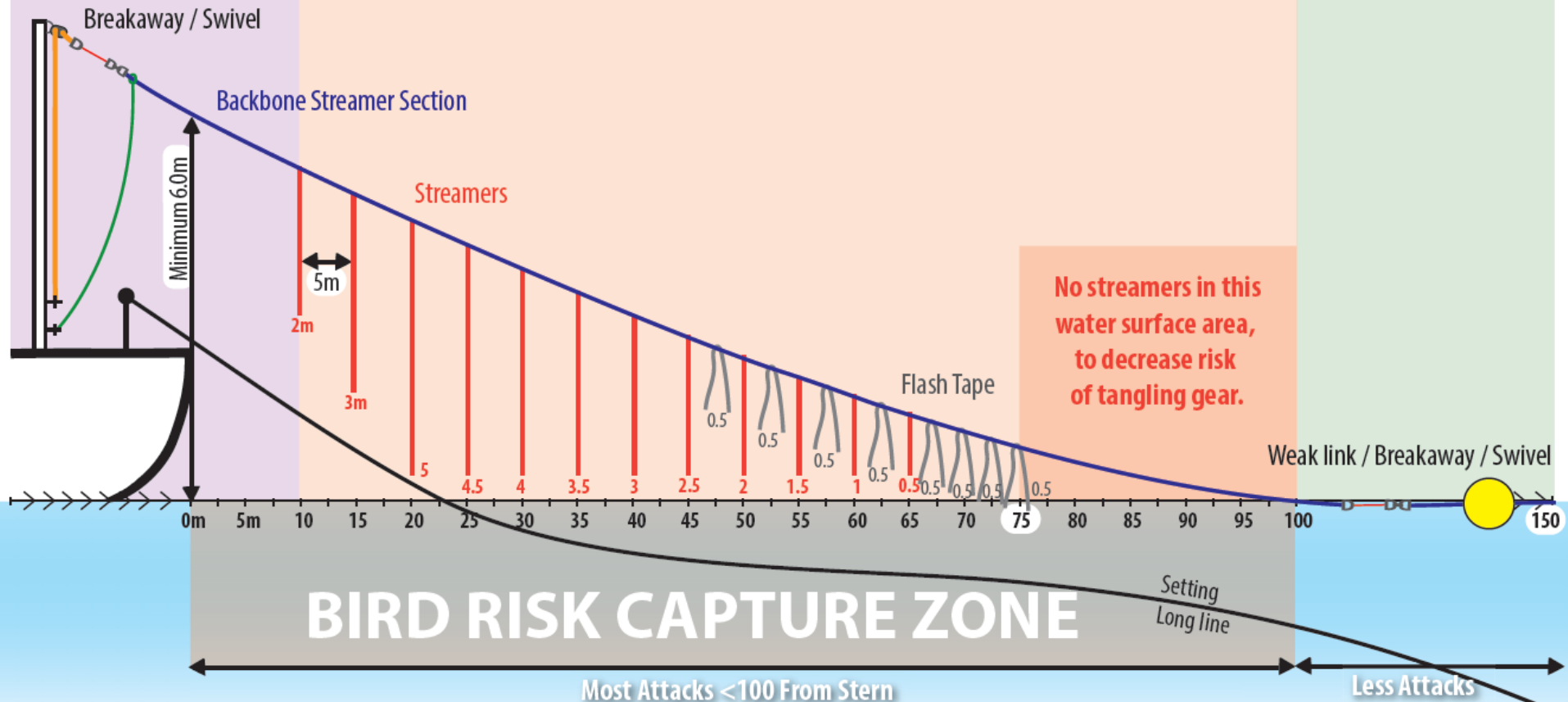


Streamer Aerial Section

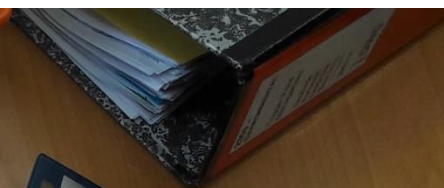
- Achieving at least 75m of aerial coverage/extent to protect/ limit bird access to baited hooks.
- Backbone should be at least 80 to 100m in length (not including drag section).
- 10 to 12 Drops of brightly coloured streamers fitted at no more than 5m intervals.
- Flash-tape fitted between streamers in the last third of the aerial section tape.
- Last drops use flash-tape as this end is (in/out) of the water often wont tangle with gear.

Drag Section

- If tori line is less than 150m must have drag object fitted.
- Needs enough drag to maintain 75m of aerial extent.



Handwritten notes on a spiral notebook, including the word "Surface" and other illegible text.



200 FT / 60.8 mtr
Aurova Pink
"Kraton" 6mm





Results - Weights

- Start with 3 vessels weighting at hook end
- End of June: 12 vessels weighting at hook end (mostly sliding leads)
- Two vessels trialling Hookpods under DOC guidance (Dave Goad)



Results

- Travel budget exceeded, rest on or under budget
- All vessels visited 2x with review forms completed and SMPs on all vessels
- Two reports to all operators
- Workshops deferred
- Continued oversight of fleet agreed until end August

DOC CSP LP SLL Programme; Review of SMP and Vessel Mitigation

Fishing Vessel Name & Reg. Number _____

Vessel Owner

Name _____

Contact Numbers _____

Email _____

Skipper

Name _____

Contact Numbers _____

Email _____

SMP OP Manual

Is the SMP OP manual onboard

Yes No

Replace hand written SMP with typed one

Review SMP, are changes required?

Skipper/owner to produce it

Yes No

- If Yes, what are the new changes (list):

- If yes, hand write any additions on new typed SMP/take photo of SMP

Completed

Tori Line Onboard

Does it meet basic specifications

Yes No

It is made of decent materials

Yes No

- Comment on condition/materials etc:

A. Height

B. Drag

C. Streamer

D. Backbone

Vessel given New tori line material (backbone and streamers)

Yes No

Snood Weighting

Is vessel using snood weighting at or near hook (not clip)

Yes No

A. Device type

B. Weight

C. Distance from Hook

10 Rules

Go over the 10 Golden Rules again with skipper/owner

Yes No

Comments

Checked by _____

Date _____

Room for Improvement

- Need to consider port workshops re weighted lines and safety aspects once any new policy set
- Unobserved reporting and triggers may be below par
- Systematic notification re new entrants and skippers
- Current tori regulations both contradictory to BLL, and prescriptive in ways that prevent best utility

Recommendations

- Continue Programme (noted its in 3 year CSP Plan)
- Increase Programme pressure re reporting of incidents
- Increase Programme pressure re notifications on new entrants
- Maintain communication on all fronts
- Consider Programme “fit” around weighted lines training