



Meeting: Conservation Services Programme Technical Working Group

Date: Friday 1st April 2022

Time: 10:30 am – 2:10 pm

Place: Microsoft Teams Meeting

Chair: Katie Clemens-Seely (Manager, Marine Species ph: 027 296 2231, kclemens@doc.govt.nz)

Attendance: Rosa Edwards, Tom Clark (FINZ), William Gibson, Philip Heath (FNZ), Shannon Weaver, Graeme Taylor, Igor Debski, Samhita Bose, Hendrik Schultz (DOC), Janice Molloy (SSST), Rob Schuckard (independent consultant), Carol Scott (SIFM), Peter Frost (SSS), Trudi Webster (YEPT), Zak Olsen, Dave Goad (Vita Maris), David Middleton (Pisces), Blake Hornblow (Otago University), Jim Roberts (Anemone), Thomas Mattern, Ursula Ellenberg (Eudyptes Consulting), Linden Brown, Inger Perkins (West Coast Penguin Trust), Kalinka Rexer- Huber, Graham Parker (Parker Conservation), Mike Bell (Toroa Consulting), Biz Bell (WMIL).

BCBC2021-03: Snapper bottom longline sink rate testing – Vita Maris

WG Recommendations include environmental effect on sink rates?

ZO Results based on good weather. Should be adjusted for weather and boat behaviour

ID Objective is to provide a concise guidance from a controlled trial. Results can be refined based on feedback from users.

JM Fantastic work. How to account for the sinking lag at the starting point

DG Spacing is the key

Discussion around how practical is it to alter the line tension

WG Effect of the setup on fishing?

ZO Not a huge impact on fishing. But factors like time of day can affect it.

Discussion around delay between trigger pull time and recorded start time.

Discussion around practicality of classifying setups in one of the categories.

POP2020-05: Utilisation of the marine habitat of Yellow-eyed penguins from Stewart Island/Rakiura- Eudyptes Consulting

CS Setnet data is very old and does not reflect the recent changes.

TM Access to new data hard

WG Can facilitate access to more recent setnet data

PF Explanation needed for the two outliers from Port Pegasus

Discussion around ocean prey availability and prey capture rate

UE Prey capture rate is work in progress. Will be done through video analysis

GT Are population increase of sealion and fur seal around Rakiura a concern for Hoiho population?

TM No direct observation or evidence yet.

BCBC2020-05a: King shag population census- Toroa Consulting

PF Multiple count through the breeding season necessary to improve estimate

Discussion around drone imagery vs aerial survey and how drone imagery might yield better result with minimal disturbance to the birds

King shag breeding biology - DOC

WG Band resighting showing movement between colonies?

GT Nothing recorded from this project yet

KM Work in progress.

Discussion around asynchronous breeding

Discussion around breeding success and nesting success and how best to ascertain it for such a difficult species.

Discussion regarding how to improve setting up trial cameras for future monitoring of King Shag

End of meeting