

An underwater photograph showing a large school of fish of various species and colors, including orange, blue, and dark grey, swimming in clear, greenish-blue water. The fish are scattered throughout the frame, creating a sense of depth and movement.

DEEPWATER TRAWL

ORANGE ROUGHY & OREO

OPERATIONAL PROCEDURES

VERSION 18.0



deepwater
group

TABLE OF CONTENTS

| | |
|---|----------|
| PART 1: INTRODUCTION | 3 |
| PART 2: RESPONSIBILITIES OF PARTIES | 4 |
| PART 3: ORH 2A AND ORH 3B SUB-AREA CATCH LIMIT MANAGEMENT | 6 |
| PART 4: OEO 1, OEO 3A AND OEO 4 CATCH LIMIT MANAGEMENT..... | 7 |
| PART 5: CATCH REPORTING REQUIREMENTS..... | 8 |
| SCHEDULE 1: QUOTA OWNERSHIP AND SUB-AREA CATCH LIMITS (2021-22)..... | 9 |

PART 1: INTRODUCTION

The following Operational Procedures (OPs) stipulate the management measures agreed between orange roughy (ORH) and oreo (OEO) quota owners, ACE owners and Fisheries New Zealand. They are implemented and administered by Deepwater Group Ltd (DWG).

Purpose of these procedures

These OPs have been established so that agreed management measures are clearly communicated to and understood by vessel captains, vessel managers and quota managers.

These non-regulatory management measures are required to give effect to the management objectives for these fisheries as agreed between Fisheries New Zealand and DWG.

These OPs include:

- DWG/Fisheries New Zealand agreed catch limit regimes by species and designated sub-areas
- Maps and coordinates defining sub-area boundaries
- Catch limits for sub-areas and sub-species
- Company pro rata quota (catch limit) allocations by sub-areas and sub-species
- Catch reporting requirements and reporting forms.

Objectives of these procedures

The objectives of these OPs are:

- To ensure the sustainable utilisation of ORH and OEO
- To spread catches within QMAs by sub-area where the best available information suggests this is useful to ensure better management of these identified ORH and OEO stocks
- To ensure that all trawlers targeting ORH and OEO can implement the practices agreed between quota owners and Fisheries New Zealand
- To monitor individual company performance against the agreed management measures for the ORH and OEO fisheries
- To be able to monitor and report monthly to DWG and Fisheries New Zealand on catches against agreed limits.

Status of these procedures

These OPs came into effect in 2011 and remain so.

Application of these procedures

These OPs apply to:

- All companies and vessels targeting ORH and OEO stocks except ORH 1, as it is managed by a separate DWG ORH 1 Deed. If you are targeting ORH 1 and do not have a copy of the DWG ORH 1 Deed, please contact DWG (Richard Wells, richard@resourcewise.co.nz)
- All companies and vessels taking ORH and OEO as bycatch.

Other key operational documents or rules and regulations

These OPs are to be used in conjunction with, but do not replace or override, the following:

- DWG Marine Mammal Operational Procedures (MMOPs)
- DWG Reporting Operational Procedures
- DWG Vessel Management Plans (VMPs) for mitigating seabird captures
- All or any relevant laws and regulations pertaining to fisheries activities in New Zealand waters.

PART 2: RESPONSIBILITIES OF PARTIES

The following outlines the responsibilities of parties to the ORH and OEO OPs.

Commitment to these procedures and the deed of management

All ORH and OEO shareholders, ACE owners and owners or operators of vessels in the ORH and OEO fisheries are required by DWG to adhere to these OPs.

This requirement is authorised under The Deepwater Fisheries Management Agreement (2005-06), which remains in force until the Parties revoke it.

Shareholders' obligations and implementation of sub-area rules on sales of ACE

DWG shareholders shall ensure that any user of their ORH and OEO ACE is aware of these OPs and signs a written acknowledgement of their intention to abide by them, prior to any fishing.

Quota owners have agreed to condition any sale of ORH and OEO ACE with the sub-area and sub-species catch limit rules described in these OPs.

Vessel owners' and operators' obligations

All vessel owners and operators shall:

- Ensure vessel managers are fully aware of and actively implement the provisions of these OPs
- Ensure that officers and crew of all trawlers targeting ORH and/or OEO are aware of and act in accordance with the requirements of these OPs
- Ensure that a copy of these OPs is kept on the bridge of all trawlers catching ORH and OEO as either target or bycatch
- Take responsibility for corrective action should the vessel, captain or crew fail to observe the requirements of these OPs
- Ensure that all sub-area and species catches stipulated below are recorded and provided to DWG as required.

Captains' obligations

All captains shall ensure that:

- Any trawler catching ORH and/or OEO has a copy of these OPs on the bridge
- Their vessel adheres to the provisions of these OPs
- Records required for monitoring these OPs are collected and forwarded to their company
- All key crew members are fully briefed on the requirements of these OPs.

PART 3: ORH 2A AND ORH 3B SUB-AREA CATCH LIMIT MANAGEMENT

Shareholders have agreed to designated sub-areas in the ORH 2A and ORH 3B QMAs for the purpose of catch spreading.

The sub-area boundaries are specified in Figure 1; the sub-area catch limits are specified in Schedule 1, Table 1.

The pro rata allocations of the ORH 2A and ORH 3B sub-area catch limits for all DWG Shareholders are provided in Schedule 1, Table 3 and Table 4.

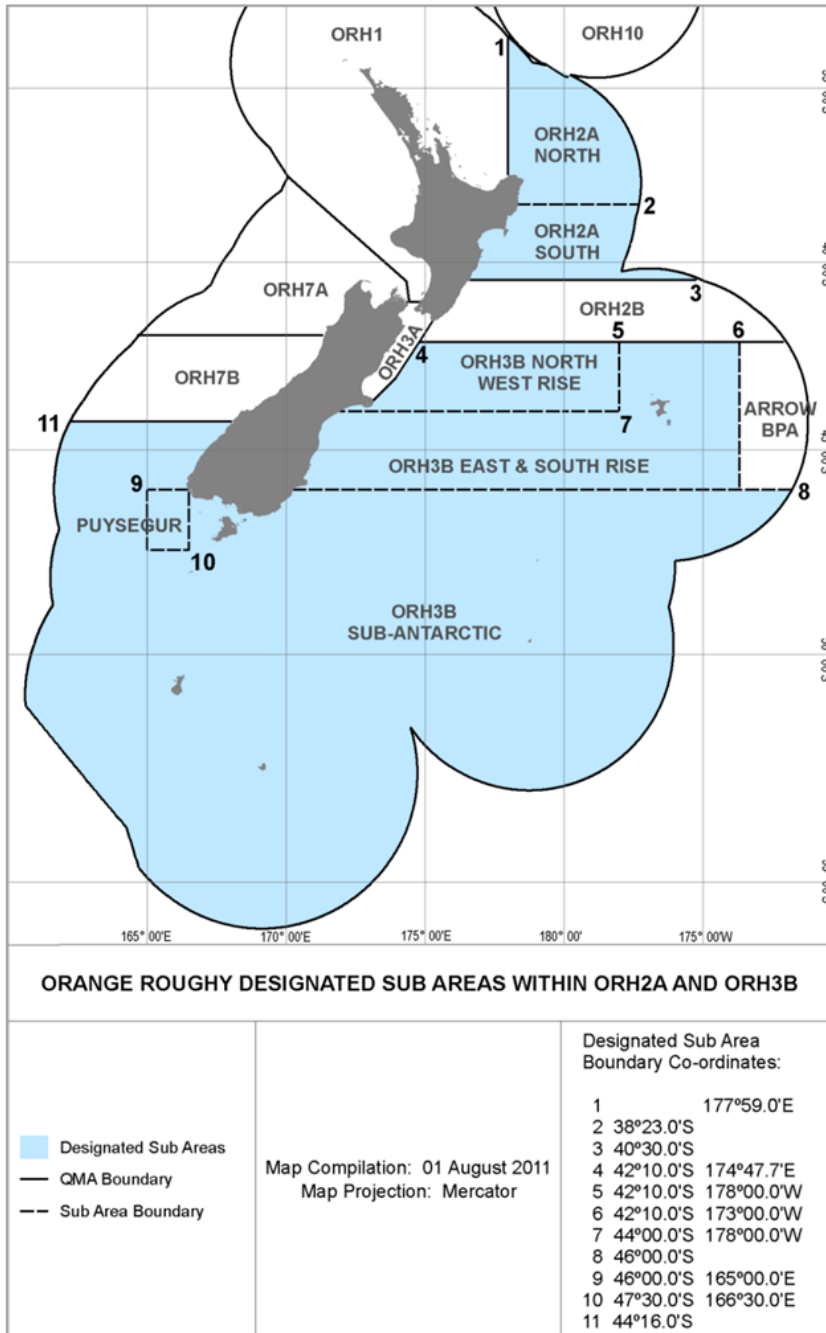


Figure 1: ORH 2A (North and South) and ORH 3B (Northwest Rise, East & South Rise, Sub-Antarctic and Puysegur) Designated Sub-Area Boundaries

PART 4: OEO 1, OEO 3A AND OEO 4 CATCH LIMIT MANAGEMENT

Shareholders have agreed with Fisheries New Zealand to manage OEO catches within the OEO 1 Southland sub-area and within OEO 3A and OEO 4.

This management takes the form of:

OEO 1: A catch limit for SSO (smooth oreo) in the Southland sub-area “Box”. The Southland sub-area boundaries are illustrated in Figure 2. The catch limit is specified in Schedule 1, Table 2.

Note: This catch limit includes any SSO taken within the Southland Box as bycatch in other fisheries.

OEO 3A: The TACC is split between SSO and BOE (black oreo) / SOR (spiky oreo). The proportions and catch limits are specified in Schedule 1, Table 2.

OEO 4: The TACC is split between SSO and BOE/SOR. The catch limit for SSO is specified in Schedule 1, Table 2.

Note: the SSO 4 catch limit does not equate to the remainder applying to BOE/SOR as is the case with OEO 3A where both species groups have defined limits.

Catch of BOE/SOR 4 can exceed 1,000 t, but SSO 4 must not exceed 2,600 t.

Note: These species catch limits include any SSO or BOE/SOR taken as bycatch in other fisheries.

The pro rata allocations of the OEO 1, OEO 3A and OEO 4 catch limits for all DWG Shareholders are provided in Schedule 1, Tables 5, 6 and 7.

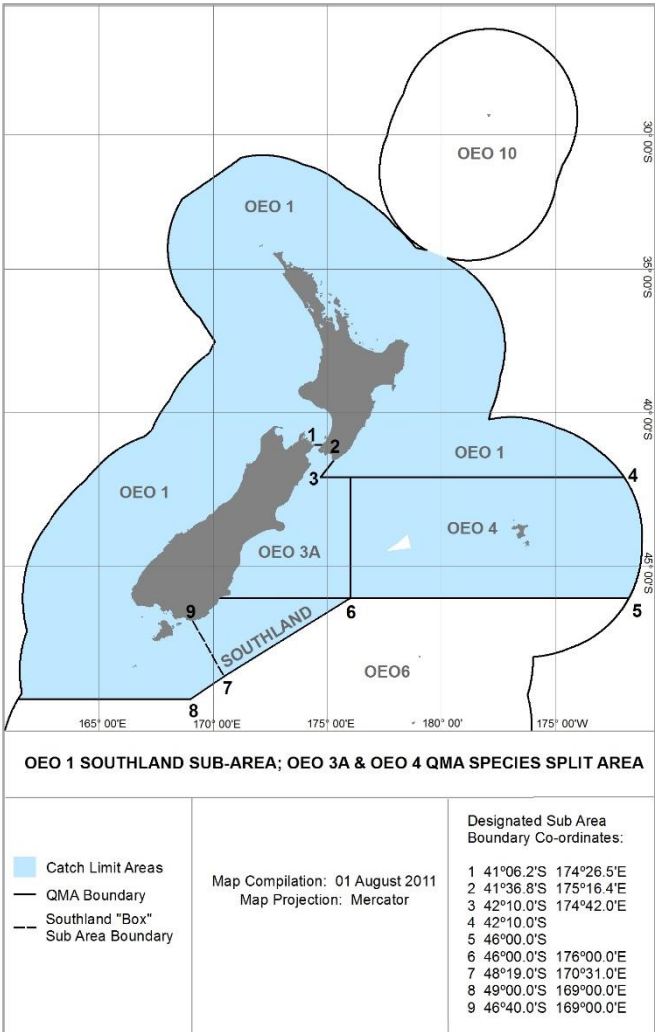


Figure 2: Designated Sub-Area in OEO 1 for Southland Box, as well as OEO 3A and OEO 4 Boundaries

PART 5: CATCH REPORTING REQUIREMENTS

The following outlines the reporting requirements for ORH and OEO. Note that this reporting is now accessed and entered via the Stakeholder page on the FishServe website (www.fishserve.co.nz). Any monthly reporting of catch on Monthly Harvest Returns (MHRs) that exceeds 1 tonne (i.e., 1,000 kg) should also be reported by sub-area or species in accordance with the requirements above.

ORH Catch Reporting by Sub-Area

Monthly reporting of ORH catch by designated sub-areas for:

- ORH 2A
 - North
 - South
- ORH 3B
 - Northwest Chatham Rise (NWCR)
 - East & South Chatham Rise (ESCR)
 - Sub-Antarctic
 - Puysegur

For boundaries of these agreed catch limit sub-areas, please refer to Part 3, Figure 1.

OEO Catch Reporting by Species

Monthly reporting of OEO catches by species of OEO from:

- OEO 1 Southland sub-area
 - SSO and BOE/SOR
- OEO 3A and OEO 4
 - SSO and BOE/SOR

For boundaries of the agreed OEO 1 Southland sub-area, please refer to Part 4, Figure 2.

Reporting Deadlines

Monthly reports are required on the day of furnishing MHRs to FishServe and are made via the FishServe website.

SCHEDULE 1: QUOTA OWNERSHIP AND SUB-AREA CATCH LIMITS (2021-22)

Table 1: ORH 2A and ORH 3B Sub-Area Catch Limits for 2021-22 Fishing Year in greenweight tonnes (gwt)

| FISH STOCK | SUB-AREA | CATCH LIMIT (GWT) |
|------------|---------------------------|-------------------|
| ORH 2A | North (north of 38°23'S) | 200 t |
| | South (south of 38°23'S) | 288 t |
| ORH 3B | Northwest Chatham Rise | 1,150 t |
| | East & South Chatham Rise | 5,970 t |
| | Sub-Antarctic | 500 t |
| | Puysegur | 347 t |

Table 2: OEO 1 Southland Sub-Area SSO, OEO 3A and OEO 4 QMA BOE/SOR & SSO Catch Limits for 2021-22 Fishing Year in greenweight tonnes (gwt).

| FISH STOCK | SUB-AREA | CATCH LIMIT (GWT) |
|-----------------|--------------|----------------------|
| OEO 1 Southland | Smooth (SSO) | 400 t |
| OEO 3A | Smooth (SSO) | 1,650 t |
| | Black (BOE) | 1,700 t |
| | Spiky (SOR) | Included under BOE |
| OEO 4 | Smooth (SSO) | 2,600 |
| | Black (BOE) | No limit except TACC |
| | Spiky (SOR) | Included under BOE |

Note: For OEO 4, SSO has a separate agreed catch limit. Catches of BOE/SOR are limited only by the TACC. If more than 1,000 t of BOE/SOR are caught, then the SSO catch will be constrained to less than 2,600 t.

Table 3: ORH 2A Quota Owners, TACC and Catch Limits (gwt kg) by Sub-Area for 2021-22

| ORH 2A | TACC | NORTH CATCH LIMIT | SOUTH CATCH LIMIT |
|--|----------------|-------------------|-------------------|
| AS OF 01 OCTOBER 2021 | 488,000 | 200,000 | 288,000 |
| DWG SHAREHOLDERS | | | |
| Pupuri Taonga Limited | 132,163 | 54,165 | 77,998 |
| Sanford Limited | 129,357 | 53,015 | 76,342 |
| Aotearoa Fisheries Limited | 117,002 | 47,952 | 69,051 |
| Gisborne Fisheries 1955 Limited | 25,753 | 10,555 | 15,199 |
| Talley's Group Management Limited | 17,439 | 7,147 | 10,292 |
| Vela Quota Number One Limited | 6,149 | 2,520 | 3,629 |
| Te Ohu Kai Moana Trustee Limited | 5,379 | 2,205 | 3,175 |
| Ngati Porou Seafoods Limited | 3,699 | 1,516 | 2,183 |
| Te Arawa Fisheries Holding Company Limited | 2,359 | 967 | 1,392 |
| Ngai Tahu Fisheries Settlement Limited | 2,236 | 916 | 1,320 |
| Ngati Tuwharetoa Fisheries Holdings Limited | 2,116 | 867 | 1,249 |
| Ngai Te Rangi Fisheries Asset Holding Company Limited | 699 | 286 | 412 |
| Whakatohea Fisheries Asset Holding Company Limited | 545 | 223 | 321 |
| Ngati Ranginui Fisheries Holding Company Limited | 357 | 146 | 211 |
| Ngati Ruanui Fishing Limited | 306 | 125 | 180 |
| Te Aitanga A Mahaki Trust Asset Holding Company Limited | 243 | 99 | 143 |
| Rongowhakaata Iwi Asset Holding Company Limited | 201 | 82 | 119 |
| Whaingaroa Fisheries Company Limited | 110 | 45 | 65 |
| Ngati Manawa Tokowaru Asset Holding Company Limited | 84 | 35 | 50 |
| Ngati Mutunga O Wharekauri Asset Holding Company Limited | 61 | 25 | 36 |
| Ngati Maru (Taranaki) Fishing Limited | 49 | 20 | 29 |
| Ngati Rarua Asset Holding Company Limited | 43 | 18 | 26 |
| Ngati Whare Holdings Limited | 38 | 15 | 22 |
| Ati Awa Ki Whakarongotai Holdings Limited | 27 | 11 | 16 |
| TOTAL DWG SHAREHOLDERS | 446,417 | 182,958 | 263,459 |
| TOTAL NON-DWG SHAREHOLDERS | 41,583 | 17,042 | 24,541 |
| TOTALS | 488,000 | 200,000 | 288,000 |

Table 4: ORH 3B Quota Owners, TACC and Catch Limits (gwt kg) by Sub-Area for 2021-22

| ORH 3B | TACC | NWCR | ESCR | SUB-ANTARCTIC | PUYSEGUR |
|--|------------------|------------------|------------------|----------------|----------------|
| AS OF 01 OCTOBER 2021 | 7,967,000 | 1,150,000 | 5,970,000 | 500,000 | 347,000 |
| DWG SHAREHOLDERS | | | | | |
| Pupuri Taonga Limited | 3,153,662 | 455,217 | 2,363,169 | 197,920 | 137,357 |
| Sanford Limited | 2,770,172 | 399,862 | 2,075,804 | 173,853 | 120,654 |
| Talley's Group Management Limited | 784,778 | 113,279 | 588,067 | 49,252 | 34,181 |
| Vela Quota Number One Limited | 464,313 | 67,021 | 347,929 | 29,140 | 20,223 |
| KPF Investments Limited | 149,015 | 21,510 | 111,663 | 9,352 | 6,490 |
| Ngati Mutunga O Wharekauri Asset Holding Cor | 112,260 | 16,204 | 84,121 | 7,045 | 4,889 |
| Ngai Tahu Fisheries Settlement Limited | 72,363 | 10,445 | 54,225 | 4,541 | 3,152 |
| Ngati Porou Seafoods Limited | 34,858 | 5,032 | 26,120 | 2,188 | 1,518 |
| Te Arawa Fisheries Holding Company Limited | 21,233 | 3,065 | 15,911 | 1,333 | 925 |
| Ngati Tuwharetoa Fisheries Holdings Limited | 18,755 | 2,707 | 14,054 | 1,177 | 817 |
| Te Ohu Kai Moana Trustee Limited | 6,200 | 895 | 4,646 | 389 | 270 |
| Ngai Te Rangi Fisheries Asset Holding Compa | 5,727 | 827 | 4,291 | 359 | 249 |
| Whakatohea Fisheries Asset Holding Company | 5,538 | 799 | 4,150 | 348 | 241 |
| Ngati Ranginui Fisheries Holding Company Lin | 3,634 | 524 | 2,723 | 228 | 158 |
| Ngati Ruanui Fishing Limited | 3,110 | 449 | 2,330 | 195 | 135 |
| Te Aitanga A Mahaki Trust Asset Holding Comp | 2,466 | 356 | 1,848 | 155 | 107 |
| Rongowhakaata Iwi Asset Holding Company Lii | 2,043 | 295 | 1,531 | 128 | 89 |
| Whaingaroa Fisheries Company Limited | 1,118 | 161 | 838 | 70 | 49 |
| Ngati Manawa Tokowaru Asset Holding Compa | 859 | 124 | 643 | 54 | 37 |
| Ngati Maru (Taranaki) Fishing Limited | 497 | 72 | 372 | 31 | 22 |
| Ngati Rarua Asset Holding Company Limited | 441 | 64 | 331 | 28 | 19 |
| Ngati Whare Holdings Limited | 384 | 55 | 288 | 24 | 17 |
| Ati Awa Ki Whakarongotai Holdings Limited | 270 | 39 | 202 | 17 | 12 |
| TOTAL DWG SHAREHOLDERS | 7,613,697 | 1,099,002 | 5,705,256 | 477,827 | 331,612 |
| TOTAL NON-DWG SHAREHOLDERS | 353,303 | 50,998 | 264,744 | 22,173 | 15,388 |
| TOTALS | 7,967,000 | 1,150,000 | 5,970,000 | 500,000 | 347,000 |

Table 5: OEO 1 Quota Owners, TACCs and Catch Limits (gwt kg) by Sub-Area and Species for 2021-22

| OEO 1 | TACC | SOUTHLAND SSO |
|--|------------------|----------------|
| AS OF 01 OCTOBER 2021 | 2,500,000 | 400,000 |
| DWG SHAREHOLDERS | | |
| Pupuri Taonga Limited | 871,945 | 139,511 |
| Sanford Limited | 536,127 | 85,780 |
| Talley's Group Management Limited | 435,155 | 69,625 |
| KPF Investments Limited | 197,805 | 31,649 |
| Vela Quota Number One Limited | 162,314 | 25,970 |
| Ngai Tahu Fisheries Settlement Limited | 28,596 | 4,575 |
| Independent Fisheries Holdings Limited | 19,553 | 3,129 |
| Ngati Porou Seafoods Limited | 18,939 | 3,030 |
| Ocean Products Limited | 18,514 | 2,962 |
| Te Arawa Fisheries Holding Company Limited | 11,251 | 1,800 |
| Ngati Tuwharetoa Fisheries Holdings Limited | 9,681 | 1,549 |
| Te Ohu Kai Moana Trustee Limited | 9,328 | 1,492 |
| Ngai Te Rangi Fisheries Asset Holding Company Limited | 3,634 | 582 |
| Aotearoa Fisheries Limited | 3,392 | 543 |
| Whakatohea Fisheries Asset Holding Company Limited | 3,003 | 481 |
| Ngati Mutunga O Wharekauri Asset Holding Company Limited | 2,349 | 376 |
| Ngati Ranginui Fisheries Holding Company Limited | 2,195 | 351 |
| Ngati Ruanui Fishing Limited | 1,902 | 304 |
| Whaingaroa Fisheries Company Limited | 1,336 | 214 |
| McDonald & Brown Limited | 1,290 | 206 |
| Te Aitanga A Mahaki Trust Asset Holding Company Limited | 1,229 | 197 |
| Rongowhakaata Iwi Asset Holding Company Limited | 1,018 | 163 |
| Ngati Rarua Asset Holding Company Limited | 844 | 135 |
| Ngati Manawa Tokowaru Asset Holding Company Limited | 428 | 68 |
| Ngai Tahu Seafood Resources Limited | 370 | 59 |
| Gisborne Fisheries 1955 Limited | 348 | 56 |
| Ngati Maru (Taranaki) Fishing Limited | 248 | 40 |
| Ati Awa Ki Whakarongotai Holdings Limited | 248 | 40 |
| Ngati Whare Holdings Limited | 191 | 31 |
| TOTAL DWG SHAREHOLDERS | 2,343,232 | 374,917 |
| TOTAL NON-DWG SHAREHOLDERS | 156,768 | 25,083 |
| TOTALS | 2,500,000 | 400,000 |

Table 6: OEO 3A Quota Owners, TACCs and Catch Limits (gwt kg) by Sub-Area and Species for 2021-22

| OEO 3A | TACC | BOE 3A ACE | SSO 3A ACE |
|--|------------------|------------------|------------------|
| AS OF 01 OCTOBER 2021 | 3,350,000 | 1,700,000 | 1,650,000 |
| DWG SHAREHOLDERS | | | |
| Sanford Limited | 1,129,577 | 573,218 | 556,359 |
| Pupuri Taonga Limited | 1,041,460 | 528,502 | 512,958 |
| Talley's Group Management Limited | 625,183 | 317,257 | 307,926 |
| Vela Quota Number One Limited | 88,175 | 44,746 | 43,430 |
| KPF Investments Limited | 87,181 | 44,241 | 42,940 |
| Ngai Tahu Fisheries Settlement Limited | 74,546 | 37,829 | 36,717 |
| Ocean Products Limited | 32,486 | 16,485 | 16,000 |
| Ngati Porou Seafoods Limited | 23,533 | 11,942 | 11,591 |
| Te Arawa Fisheries Holding Company Limited | 14,335 | 7,275 | 7,061 |
| Ngati Tuwharetoa Fisheries Holdings Limited | 12,662 | 6,425 | 6,236 |
| Te Ohu Kai Moana Trustee Limited | 11,290 | 5,729 | 5,561 |
| Aotearoa Fisheries Limited | 5,801 | 2,944 | 2,857 |
| McDonald & Brown Limited | 4,143 | 2,103 | 2,041 |
| Ngai Te Rangi Fisheries Asset Holding Company Limited | 3,866 | 1,962 | 1,904 |
| Whakatohea Fisheries Asset Holding Company Limited | 3,739 | 1,897 | 1,842 |
| Ngati Ranginui Fisheries Holding Company Limited | 2,453 | 1,245 | 1,208 |
| Ngati Ruanui Fishing Limited | 2,099 | 1,065 | 1,034 |
| Te Aitanga A Mahaki Trust Asset Holding Company Limited | 1,665 | 845 | 820 |
| Rongowhakaata Iwi Asset Holding Company Limited | 1,379 | 700 | 679 |
| Ngati Rarua Asset Holding Company Limited | 1,185 | 601 | 584 |
| Ngai Tahu Seafood Resources Limited | 994 | 505 | 490 |
| Whaingaroa Fisheries Company Limited | 755 | 383 | 372 |
| Ngati Manawa Tokowaru Asset Holding Company Limited | 580 | 294 | 286 |
| Ngati Mutunga O Wharekauri Asset Holding Company Limited | 419 | 213 | 206 |
| Ngati Maru (Taranaki) Fishing Limited | 336 | 170 | 165 |
| Ngati Whare Holdings Limited | 259 | 132 | 128 |
| Ati Awa Ki Whakarongotai Holdings Limited | 182 | 93 | 90 |
| TOTAL DWG SHAREHOLDERS | 3,170,284 | 1,608,801 | 1,561,483 |
| TOTAL NON-DWG SHAREHOLDERS | 179,716 | 91,199 | 88,517 |
| TOTALS | 3,350,000 | 1,700,000 | 1,650,000 |

Table 7: OEO 4 Quota Owners, TACCs and SSO Catch Limits (gwt kg) by Sub-Area and Species for 2021-22

| OEO 4 | TACC | SSO 4 CATCH LIMIT |
|--|------------------|-------------------|
| AS OF 01 OCTOBER 2021 | 3,600,000 | 2,600,000 |
| DWG SHAREHOLDERS | | |
| Pupuri Taonga Limited | 1,429,029 | 1,032,076 |
| Sanford Limited | 1,190,228 | 859,609 |
| Talley's Group Management Limited | 389,314 | 281,171 |
| KPF Investments Limited | 139,371 | 100,657 |
| Vela Quota Number One Limited | 92,057 | 66,486 |
| Ngati Mutunga O Wharekauri Asset Holding Company Limited | 82,302 | 59,441 |
| Ngati Porou Seafoods Limited | 18,363 | 13,262 |
| Ngai Tahu Fisheries Settlement Limited | 11,978 | 8,651 |
| Te Arawa Fisheries Holding Company Limited | 11,186 | 8,079 |
| Ngati Tuwharetoa Fisheries Holdings Limited | 9,880 | 7,135 |
| Te Ohu Kai Moana Trustee Limited | 3,266 | 2,359 |
| Ngai Te Rangi Fisheries Asset Holding Company Limited | 3,017 | 2,179 |
| Whakatohea Fisheries Asset Holding Company Limited | 2,918 | 2,107 |
| Ngati Ranginui Fisheries Holding Company Limited | 1,914 | 1,382 |
| Ngati Ruanui Fishing Limited | 1,638 | 1,183 |
| Te Aitanga A Mahaki Trust Asset Holding Company Limited | 1,299 | 938 |
| Rongowhakaata Iwi Asset Holding Company Limited | 1,076 | 777 |
| Whaingaroa Fisheries Company Limited | 589 | 425 |
| Ngati Manawa Tokowaru Asset Holding Company Limited | 452 | 327 |
| Ngati Maru (Taranaki) Fishing Limited | 262 | 189 |
| Ngati Rarua Asset Holding Company Limited | 232 | 168 |
| Ngati Whare Holdings Limited | 202 | 146 |
| Ati Awa Ki Whakarongotai Holdings Limited | 142 | 103 |
| TOTAL DWG SHAREHOLDERS | 3,390,718 | 2,448,852 |
| TOTAL NON-DWG SHAREHOLDERS | 209,282 | 151,148 |
| TOTALS | 3,600,000 | 2,600,000 |