

An underwater photograph showing a large number of fish of various species and colors (including orange, blue, and brown) swimming in a deep, greenish-blue water column. The fish are scattered throughout the frame, creating a sense of a busy, natural habitat.

DEEPWATER TRAWL

ORANGE ROUGHY & OREO

OPERATIONAL PROCEDURES

VERSION 18.0



deepwater
group

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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.

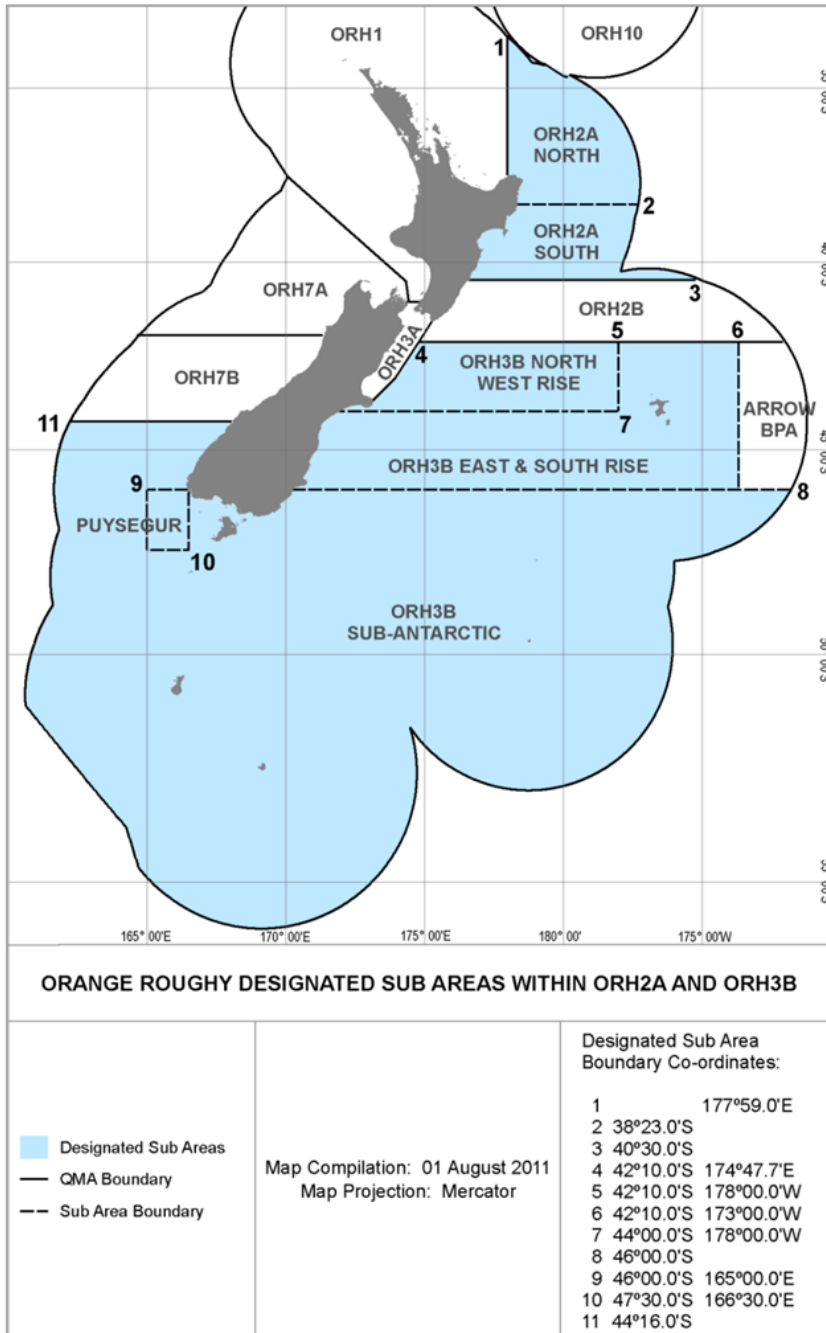


Figure 1: ORH 2A (North and South) and ORH 3B (North West Rise, East & South Rise, Sub-Antarctic and Puysegur) Designated Sub-Area Boundaries

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.

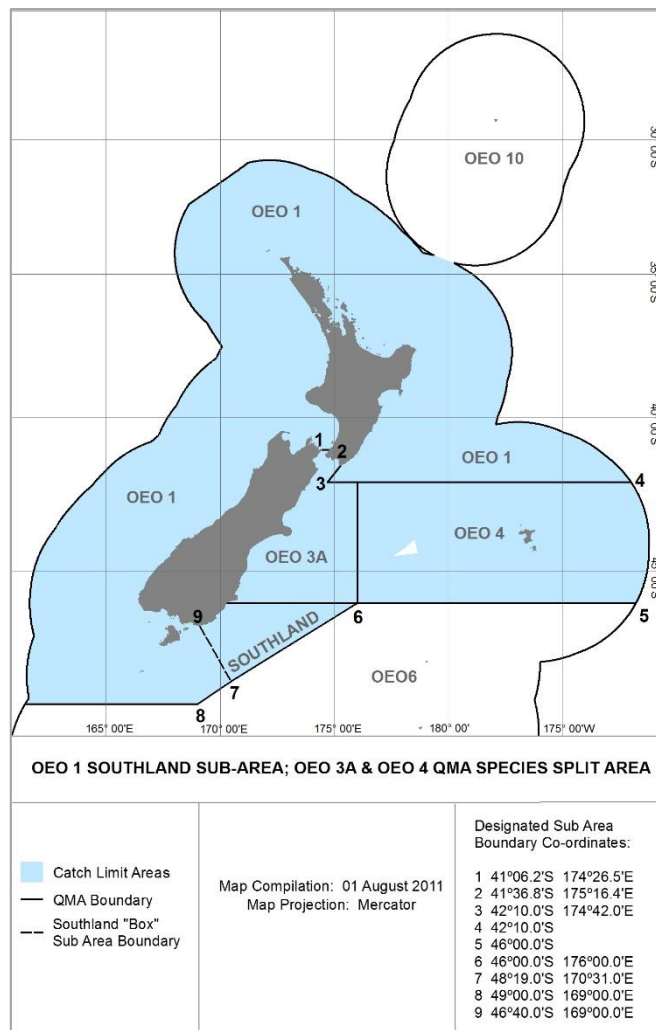


Figure 2: Designated Sub-Area in OEO 1 for Southland Box, as well as OEO 3A and OEO 4 Boundaries

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
 - North West 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 FOR THE 2018-19 FISHING YEAR

Table 1: ORH 2A and ORH 3B Sub-Area Catch Limits for 2018-19 Fishing Year in green weight 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	North West Chatham Rise	1,149 t *
	East & South Chatham Rise	4,095 t
	Sub-Antarctic	500 t
	Puysegur	347 t

* For this year there has been a discrepancy of 1 tonne between the gazetted TACC of 6,091 t for ORH 3B and the sum of the agreed catch limits published by Fisheries New Zealand. To enable proper reconciliation of pro rata ACE shares by sub-area, we have reduced the ORH 3B NWCR catch limit from 1,150 to 1,149 t. Note: this catch limit was not caught last year.

Table 2: OEO 1 Southland Sub-Area SSO, OEO 3A and OEO 4 QMA BOE/SOR & SSO Catch Limits for 2018-19 Fishing Year in green weight 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 (green weight kg) by Sub-Area for 2018-19 Fishing Year

ORH 2A	TACC	NORTH CATCH LIMIT	SOUTH CATCH LIMIT
AS OF 01 OCTOBER 2018	488,000	200,000	288,000
DEEPWATER GROUP LTD SHAREHOLDERS			
Pupuri Taonga Ltd	132,163	54,165	77,998
Sanford Ltd	129,357	53,015	76,342
Aotearoa Fisheries Ltd	117,002	47,952	69,051
Gisborne Fisheries 1955 Ltd	25,753	10,555	15,199
Talley's Group Management Ltd	17,439	7,147	10,292
Vela Quota Number One Ltd	6,149	2,520	3,629
Te Ohu Kai Moana Trustee Ltd	5,379	2,205	3,175
Ngati Porou Seafoods Ltd	3,428	1,405	2,023
Ngai Tahu Fisheries Settlement Ltd	2,236	916	1,320
Te Arawa Fisheries Holding Company Ltd	2,088	856	1,232
Ngati Tuwharetoa Fisheries Holdings Ltd	1,844	756	1,089
Te Kupenga o Maniapoto Ltd	1,663	682	981
Ngai Te Rangi Fisheries AHC Ltd	563	231	332
Ngati Ranginui Fisheries Holding Company Ltd	357	146	211
Ngati Ruanui Fishing Ltd	306	125	180
Ngati Porou Seafoods Ltd	271	111	160
Ngati Tuwharetoa Fisheries Holdings Ltd	271	111	160
Te Arawa Fisheries Holding Company Ltd	271	111	160
Te Kupenga o Maniapoto Ltd	271	111	160
Te Aitanga A Mahaki Trust AHC Ltd	243	99	143
Rongowhakaata Iwi AHC Ltd	201	82	119
Ngai Te Rangi Fisheries AHC Ltd	136	56	80
Whaingaroa Fisheries Company Ltd	110	45	65
Ngati Manawa Tokowaru AHC Ltd	84	35	50
Ngati Mutunga O Wharekauri AHC Ltd	61	25	36
Ngati Rarua AHC Ltd	43	18	26
Ati Awa Ki Whakarongotai Holdings Ltd	27	11	16
TOTAL DWG SHAREHOLDERS	447,719	183,492	264,228
TOTAL NON-DWG SHAREHOLDERS	40,281	16,508	23,772
TOTALS	488,000	200,000	288,000

Table 4: ORH 3B Quota Owners, TACC and Catch Limits (green weight kg) by Sub-Area for 2018-19 Fishing Year

ORH 3B	TACC	NWCR CATCH LIMIT	ESCR CATCH LIMIT	SUB-ANTARCTIC CATCH LIMIT	PUYSEGUR CATCH LIMIT
AS OF 01 OCTOBER 2018	6,091,000	1,149,000	4,095,000	500,000	347,000
DEEPWATER GROUP LTD SHAREHOLDERS					
Pupuri Taonga Ltd	2,411,065	454,821	1,620,967	197,920	137,357
Sanford Ltd	2,117,876	399,514	1,423,855	173,853	120,654
Talley's Group Management Ltd	599,986	113,181	403,372	49,252	34,181
Vela Quota Number One Ltd	354,981	66,963	238,655	29,140	20,223
KPF Investments Ltd	113,927	21,491	76,593	9,352	6,490
Ngati Mutunga O Wharekauri AHC Ltd	85,826	16,190	57,701	7,045	4,889
Ngai Tahu Fisheries Settlement Ltd	55,324	10,436	37,194	4,541	3,152
Ngati Porou Seafoods Ltd	26,650	5,027	17,917	2,188	1,518
Te Arawa Fisheries Holding Company Ltd	16,234	3,062	10,914	1,333	925
Ngati Tuwharetoa Fisheries Holdings Ltd	14,339	2,705	9,640	1,177	817
Te Kupenga o Maniapoto Ltd	12,927	2,439	8,691	1,061	736
Te Ohu Kai Moana Trustee Ltd	4,740	894	3,187	389	270
Ngai Te Rangi Fisheries AHC Ltd	4,378	826	2,944	359	249
Ngati Ranginui Fisheries Holding Company Ltd	2,778	524	1,868	228	158
Ngati Ruanui Fishing Ltd	2,377	448	1,598	195	135
Te Aitanga A Mahaki Trust AHC Ltd	1,886	356	1,268	155	107
Rongowhakaata Iwi Asset Holding Company Ltd	1,562	295	1,050	128	89
Whaingaroa Fisheries Company Ltd	855	161	575	70	49
Ngati Manawa Tokowaru AHC Ltd	656	124	441	54	37
Ngati Rarua Asset Holding Company Ltd	337	64	227	28	19
Ati Awa Ki Whakarongotai Holdings Ltd	207	39	139	17	12
TOTAL DWG SHAREHOLDERS	5,828,911	1,099,559	3,918,795	478,485	332,069
TOTAL NON-DWG SHAREHOLDERS	262,089	49,441	176,205	21,515	14,931
TOTALS	6,091,000	1,149,000	4,095,000	500,000	347,000

Table 5: OEO 1 Quota Owners, TACCs and Catch Limits (green weight kg) by Sub-Area and Species for 2018-19 Fishing Year

OEO 1	TACC	SOUTHLAND SSO
AS OF 01 OCTOBER 2018	2,500,000	400,000
DEEPWATER GROUP LTD SHAREHOLDERS		
Pupuri Taonga Ltd	871,945	139,511
Sanford Ltd	536,127	85,780
Talley's Group Management Ltd	435,155	69,625
KPF Investments Ltd	197,805	31,649
Vela Quota Number One Ltd	162,314	25,970
Ngai Tahu Fisheries Settlement Ltd	28,596	4,575
Independent Fisheries Holdings Ltd	19,553	3,129
Ocean Products Ltd	18,514	2,962
Ngati Porou Seafoods Ltd	17,371	2,779
Te Arawa Fisheries Holding Company Ltd	11,048	1,768
Te Ohu Kai Moana Trustee Ltd	10,243	1,639
Ngati Tuwharetoa Fisheries Holdings Ltd	9,478	1,517
Te Kupenga o Maniapoto Ltd	9,279	1,485
Ngai Te Rangi Fisheries AHC Ltd	3,533	565
Aotearoa Fisheries Ltd	3,392	543
Ngati Mutunga O Wharekauri AHC Ltd	2,349	376
Ngati Ranginui Fisheries Holding Company Ltd	2,195	351
Ngati Ruanui Fishing Ltd	1,902	304
Ngati Porou Seafoods Ltd	1,567	251
Whaingaroa Fisheries Company Ltd	1,336	214
McDonald & Brown Ltd	1,290	206
Te Aitanga A Mahaki Trust AHC Ltd	1,229	197
Rongowhakaata Iwi AHC Ltd	1,018	163
Ngati Rarua AHC Ltd	844	135
Ngati Manawa Tokowaru AHC Ltd	428	68
Ngai Tahu Seafood Resources Ltd	370	59
Gisborne Fisheries 1955 Ltd	348	56
Ati Awa Ki Whakarongotai Holdings Ltd	248	40
Ngati Tuwharetoa Fisheries Holdings Ltd	202	32
Te Arawa Fisheries Holding Company Ltd	202	32
Te Kupenga o Maniapoto Ltd	202	32
Ngai Te Rangi Fisheries AHC Ltd	101	16
TOTAL DWG SHAREHOLDERS	2,350,186	376,030
TOTAL NON-DWG SHAREHOLDERS	149,814	23,970
TOTALS	2,500,000	400,000

Table 6: OEO 3A Quota Owners, TACCs and Catch Limits (green weight kg) by Sub-Area and Species for 2018-19 Fishing Year

OEO 3A	TACC	BOE 3A ACE	SSO 3A ACE
AS OF 01 OCTOBER 2018	3,350,000	1,700,000	1,650,000
DEEPWATER GROUP LTD			
Sanford Ltd	1,129,577	573,218	556,359
Pupuri Taonga Ltd	1,041,460	528,502	512,958
Talley's Group Management Ltd	625,183	317,257	307,926
Vela Quota Number One Ltd	88,175	44,746	43,430
KPF Investments Ltd	87,181	44,241	42,940
Ngai Tahu Fisheries Settlement Ltd	74,546	37,829	36,717
Ocean Products Ltd	32,486	16,485	16,000
Ngati Porou Seafoods Ltd	23,533	11,942	11,591
Te Ohu Kai Moana Trustee Ltd	17,308	8,783	8,525
Te Arawa Fisheries Holding Company Ltd	14,335	7,275	7,061
Ngati Tuwharetoa Fisheries Holdings Ltd	12,662	6,425	6,236
Te Kupenga o Maniapoto Ltd	11,415	5,793	5,623
Aotearoa Fisheries Ltd	5,801	2,944	2,857
McDonald & Brown Ltd	4,143	2,103	2,041
Ngai Te Rangi Fisheries AHC Ltd	3,866	1,962	1,904
Ngati Ranginui Fisheries Holding Company Ltd	2,453	1,245	1,208
Ngati Ruanui Fishing Ltd	2,099	1,065	1,034
Te Aitanga A Mahaki Trust AHC Ltd	1,665	845	820
Rongowhakaata Iwi AHC Ltd	1,379	700	679
Ngati Rarua AHC Ltd	1,185	601	584
Ngai Tahu Seafood Resources Ltd	994	505	490
Whaingaroa Fisheries Company Ltd	755	383	372
Ngati Manawa Tokowaru AHC Ltd	580	294	286
Ngati Mutunga O Wharekauri AHC Ltd	419	213	206
Ati Awa Ki Whakarongotai Holdings Ltd	182	93	90
TOTAL DWG SHAREHOLDERS	3,183,384	1,615,448	1,567,935
TOTAL NON-DWG SHAREHOLDERS	166,616	84,552	82,065
TOTALS	3,350,000	1,700,000	1,650,000

Table 7: OEO 4 Quota Owners, TACCs and SSO Catch Limits (green weight kg) by Sub-Area and Species for 2018-19 Fishing Year

OEO 4	TACC	SSO 4 CATCH
AS OF 01 OCTOBER 2018	3,600,000	2,600,000
DEEPWATER GROUP LTD		
Pupuri Taonga Ltd	1,429,029	1,032,076
Sanford Ltd	1,190,228	859,609
Talley's Group Management Ltd	389,314	281,171
KPF Investments Ltd	139,371	100,657
Vela Quota Number One Ltd	92,057	66,486
Ngati Mutunga O Wharekauri AHC Ltd	82,302	59,441
Ngati Porou Seafoods Ltd	18,363	13,262
Ngai Tahu Fisheries Settlement Ltd	11,978	8,651
Te Arawa Fisheries Holding Company Ltd	11,186	8,079
Ngati Tuwharetoa Fisheries Holdings Ltd	9,880	7,135
Te Kupenga o Maniapoto Ltd	8,907	6,433
Te Ohu Kai Moana Trustee Ltd	3,266	2,359
Ngai Te Rangi Fisheries AHC Ltd	3,017	2,179
Ngati Ranginui Fisheries Holding Company Li	1,914	1,382
Ngati Ruanui Fishing Ltd	1,638	1,183
Te Aitanga A Mahaki Trust AHC Ltd	1,299	938
Rongowhakaata Iwi AHC Ltd	1,076	777
Whaingaroa Fisheries Company Ltd	589	425
Ngati Manawa Tokowaru AHC Ltd	452	327
Ngati Rarua AHC Ltd	232	168
Ati Awa Ki Whakarongotai Holdings Ltd	142	103
TOTAL DWG SHAREHOLDERS	3,396,243	2,452,842
TOTAL NON-DWG SHAREHOLDERS	203,757	147,158
TOTALS	3,600,000	2,600,000