

Fisheries Act 1995
FISHERIES NOTICE 2022

I, Chris Padovani, A/Director Fisheries Management, Science, Policy, Licensing and Communications Division of the Victorian Fisheries Authority, as delegate of the Minister for Fishing and Boating, having undertaken consultation in accordance with Section 3A of the ***Fisheries Act 1995 (the Act)***, make the following Fisheries Notice under Sections 67, 68A, 114 and 152 of the Act:

Date: 31 / 03 / 2022



Chris Padovani
A/Director Fisheries Management, Science, Policy, Licensing and Communications
Victorian Fisheries Authority

FISHERIES (EASTERN ABALONE ZONE) NOTICE 2022

1. Title

This Notice may be cited as the Fisheries (Eastern Abalone Zone) Notice 2022

2. Objectives

The objective of this Notice is to:

- a. fix minimum size limits for blacklip abalone taken under an Abalone Fishery Access Licence in the Eastern Abalone Zone.
- b. address sustainability concerns for Victorian Eastern Abalone Zone abalone stocks and related management issues by closing specified marine waters to commercial abalone harvest.

3. Authorising provision

This Notice is made under sections 67, 68A, 114 and 152 of the Act.

4. Commencement

This Notice comes into operation on 1 April 2022.

5. Definitions

In this Fisheries Notice –

“**AFAL**” means an Abalone Fishery (Eastern Zone) Access Licence;

“**CEO**” means the Chief Executive Officer of the VFA;

“**closed waters**” means the marine waters within a spatial management unit for which the optimal target has been reached or exceeded as specified in Column 3 of Schedule 2 and/or the marine waters within a reef code for which the upper limit has been reached or exceeded as specified in Column 3 of Schedule 3;

“**eastern abalone zone**” means all Victorian waters east of longitude 148° East;

“**nominated operator**” means –

- (a) a licence holder permitted under section 39(1) of the Act; or
- (b) a person listed on an access licence for the purposes of section 39(2) of the Act;

“size zone” means each area of Victorian marine waters between the coordinates specified in Column 1 of Schedule 1;

“spatial management unit” means each area of Victorian marine waters specified in Column 1 of Schedule 2;

“reef code” means each area of Victorian marine waters specified in Column 1 of Schedule 3;

“the Act” means the **Fisheries Act 1995**;

“optimal target” means for the spatial management unit specified in Column 1 of Schedule 2, the amount of abalone specified in Column 3 of Schedule 2;

“upper limit” means for the reef code specified in Column 1 of Schedule 3, the amount of abalone specified in Column 3 of Schedule 3;

“VFA” means the Victorian Fisheries Authority.

6. Minimum sizes for blacklip abalone taken from the eastern abalone zone

- (1) For the purposes of the Act, the minimum size with respect to the taking of blacklip abalone under an AFAL from the waters specified in Column 1 of Schedule 1 is the size specified for those waters in Column 2 of Schedule 1.

Notes: There are offences in sections 68A and 68B of the Act relating to taking or possessing fish of a species that are less than the minimum size specified for that species of fish in this Notice. Various penalties apply.

Under section 152(3), of the Act, if a provision of this Notice is inconsistent with any regulations, the Fisheries Notice prevails to the extent of the inconsistency. The general size limits specified in the *Fisheries Regulations 2009* will continue to apply in circumstances where the size limits specified in clauses 6 and 7 do not apply.

7. Abalone not to be taken from more than one size zone

For the purposes of section 67 of the Act -

- (a) the taking of abalone under an AFAL from more than one size zone on any fishing trip; or
- (b) the possession of abalone taken from more than one size zone on-board any boat being used under an AFAL; or
- (c) the landing of abalone taken under an AFAL from more than one size zone;

is prohibited.

Note: It is an offence under section 67(3) of the **Fisheries Act 1995** to fail to comply with a prohibition

8. Spatial management unit catch target exceeded

Marine waters within a spatial management unit are immediately closed (“closed waters”) to commercial abalone harvest when the optimal target specified in Column 3 of Schedule 2 has been reached or exceeded.

9. Reef code upper limit catch exceeded

Marine waters within a reef code are immediately closed (“closed waters”) to commercial abalone harvest when the upper limit specified in Column 3 of Schedule 3 has been reached or exceeded.

10. Closed waters

(1) For the purposes of section 67 of the Act -

- (a) the taking of abalone from closed waters; or
- (b) the possession of abalone in or on closed waters -

by the holder of an access licence, or a person acting or purporting to act under an access licence, is prohibited.

Note: Failure to comply with this prohibition is an offence under section 67 of the Fisheries Act 1995. A maximum penalty of 100 penalty units and/or six months imprisonment applies.

Sub-clause (1)(b) does not apply to a person possessing abalone on-board a boat under way and travelling by the most direct route to reach a point of landing or specified open waters for the purpose of commercial abalone diving.

11. Application to fisheries reserves

This Notice applies to a Fisheries Reserve, as declared under Section 88 of the Act, to the extent that fishing is permitted in the Fisheries Reserve.

12. Revocation

- (1) The Fisheries (Eastern Abalone Zone) Notice 2021, published in the Victorian Government Gazette (No. S 752) on 31 December 2021, is revoked.
- (2) Unless sooner revoked, this Notice will be revoked on 31 March 2023.

SCHEDULES

SCHEDULE 1

Column 1 Spatial management unit name	Column 2 Coordinates bordering spatial management unit	Column 3 Minimum size (Millimetres)
Marlo spatial management unit that includes: a. Reef Code 21.00 Lakes Entrance b. Reef Code 22.01 Marlo c. Reef Code 22.02 French's d. Reef Code 22.03 Point Ricardo e. Reef Code 22.04 Cape Conran f. Reef Code 22.05 East Cape g. Reef Code 22.06 Yeerung Reef h. Reef Code 22.08 Pearl Point i. Reef Code 22.09 Tamboon Reef j. Reef Code 22.10 Clinton Rocks k. Reef Code 23.01 Point Hicks	1. 37°52'53"S 148°00'04"E 2. 37°55'46"S 148°00'04"E 3. 37°47'59"S 149°12'56"E 4. 37°46'39"S 149°12'54"E	120mm
Mallacoota West spatial management unit that includes:	1. 37°47'53"S 149°16'54"E 2. 37°48'26"S 149°16'55"E	125mm

Column 1 Spatial management unit name	Column 2 Coordinates bordering spatial management unit	Column 3 Minimum size (Millimetres)
a. Reef Code 23.02 Whaleback b. Reef Code 23.03 Mueller c. Reef Code 23.04 Petrel Point d. Reef Code 23.05 Island Point	3. 37°48'25"S 149°17'40"E 4. 37°48'30"S 149°17'40"E 5. 37°47'17"S 149°27'12"E 6. 37°46'11"S 149°27'12"E	
Mallacoota Large spatial management unit that includes: a. Reef Code 23.06 Big Rame b. Reef Code 24.00 The Skerries c. Reef Code 24.03 Easby Creek	1. 37°46'11"S 149°27'12"E 2. 37°47'17"S 149°27'12"E 3. 37°45'05"S 149°32'45"E 4. 37°43'45"S 149°32'45"E	135mm
Mallacoota Central spatial management unit that includes: a. Reef Code 24.04 Red River b. Reef Code 24.05 Secret Reef c. Reef Code 24.06 Sandpatch Point d. Reef Code 24.07 Sandpatch Point Lee e. Reef Code 24.08 Benedore	1. 37°43'45"S 149°32'45"E 2. 37°45'05"S 149°32'45"E 3. 37°42'10"S 149°39'22"E 4. 37°41'23"S 149°39'22"E	125mm
Mallacoota Small spatial management unit that includes: a. Reef Code 24.09 Little Rame b. Reef Code 24.14 Bastion Point	Little Rame 1. 37°41' 23"S 149°39' 22"E 2. 37°42' 10"S 149°39' 22"E 3. 37°41' 27"S 149°41' 22"E 4. 37°41' 04"S 149°40' 39"E Bastion Point 1. 37°35'05"S 149°44'19"E 2. 37°36'42"S 149°46'10"E 3. 37°34'23"S 149°50'16"E 4. 37°33'07"S 149°50'16"E 5. 37°33'07"S 149°51'36"E 6. 37°33'59"S 149°51'36"E 7. 37°33'41"S 149°53'30"E 8. 37°32'28"S 149°53'30"E	115mm
Airport spatial management unit that includes: a. Reef Code 24.10 Little Rame Lee b. Reef Code 24.11 Shipwreck – Seal Ck c. Reef Code 24.15 Tullaberga Island d. Reef Code 24.16 Gabo Harbour e. Reef Code 24.21 Quarry/ Betka Beach	1. 37°41' 04"S 149°40' 39"E 2. 37°41' 27"S 149°41' 22"E 3. 37°36' 42"S 149°46' 10"E 4. 37°35' 05"S 149°44' 19"E 5. 37°34' 23"S 149°50' 16"E 6. 37°33' 07"S 149°50' 16"E 7. 37°33' 07"S 149°51' 36"E	120mm

Column 1 Spatial management unit name	Column 2 Coordinates bordering spatial management unit	Column 3 Minimum size (Millimetres)
	8. 37°33' 59"S 149°51' 36"E 9. 37°32' 28"S 149°53' 30"E 10. 37°33' 41"S 149°53' 30"E 11. 37°33' 57"S 149°54' 02"E 12. 37°33' 50"S 149°54' 20"E 13. 37°32' 55"S 149°54' 20"E 14. 37°32' 34"S 149°54' 16"E	
Airport spatial management unit that includes: a. Reef Code 25.10 Little Rame Lee b. Reef Code 25.11 Shipwreck – Seal Ck c. Reef Code 25.15 Tullaberga Island d. Reef Code 25.16 Gabo Harbour e. Reef Code 25.21 Quarry / Betka Beach	1. 37°41' 04"S 149°40' 39"E 2. 37°41' 27"S 149°41' 22"E 3. 37°36' 42"S 149°46' 10"E 4. 37°35' 05"S 149°44' 19"E 5. 37°34' 23"S 149°50' 16"E 6. 37°33' 07"S 149°50' 16"E 7. 37°33' 07"S 149°51' 36"E 8. 37°33' 59"S 149°51' 36"E 9. 37°32' 28"S 149°53' 30"E 10. 37°33' 41"S 149°53' 30"E 11. 37°33' 57"S 149°54' 02"E 12. 37°33' 50"S 149°54' 20"E 13. 37°32' 55"S 149°54' 20"E 14. 37°32' 34"S 149°54' 16"E	110mm
Mallacoota East spatial management unit that includes: a. Reef Code 24.17 Gabo Island b. Reef Code 24.18 Gunshot c. Reef Code 24.19 Iron Prince	1. 37°32' 34"S 149°54' 16"E 2. 37°32' 55"S 149°54' 20"E 3. 37°33' 50"S 149°54' 20"E 4. 37°33' 57"S 149°54' 02"E 5. 37°32' 56"S 149°55' 58"E 6. 37°32' 07"S 149°54' 45"E 7. 37°31' 09"S 149°56' 34"E 8. 37°32' 02"S 149°57' 37"E 9. 37°31' 14"S 149°58' 22"E 10. 37°30' 46"S 149°57' 49"E	120mm

SCHEDULE 2

Column 1 Spatial management unit name	Column 2 Coordinates bordering spatial management unit	Column 3 Optimal target
Marlo spatial management unit that includes: a. Reef Code 21.00 Lakes Entrance b. Reef Code 22.01 Marlo c. Reef Code 22.02 French's d. Reef Code 22.03 Point Ricardo e. Reef Code 22.04 Cape Conran f. Reef Code 22.05 East Cape g. Reef Code 22.06 Yeerung Reef h. Reef Code 22.08 Pearl Point i. Reef Code 22.09 Tamboon Reef j. Reef Code 22.10 Clinton Rocks k. Reef Code 23.01 Point Hicks	1. 37°52'53"S 148°00'04"E 2. 37°55'46"S 148°00'04"E 3. 37°47'59"S 149°12'56"E 4. 37°46'39"S 149°12'54"E	91 tonnes
Mallacoota West spatial management unit that includes: a. Reef Code 23.02 Whaleback b. Reef Code 23.03 Mueller c. Reef Code 23.04 Petrel Point d. Reef Code 23.05 Island Point	1. 37°47'53"S 149°16'54"E 2. 37°48'26"S 149°16'55"E 3. 37°48'25"S 149°17'40"E 4. 37°48'30"S 149°17'40"E 5. 37°47'17"S 149°27'12"E 6. 37°46'11"S 149°27'12"E	44 tonnes
Mallacoota Large spatial management unit that includes: a. Reef Code 23.06 Big Rame b. Reef Code 24.00 The Skerries c. Reef Code 24.03 Easby Creek	1. 37°46'11"S 149°27'12"E 2. 37°47'17"S 149°27'12"E 3. 37°45'05"S 149°32'45"E 4. 37°43'45"S 149°32'45"E	20 tonnes
Mallacoota Central spatial management unit that includes: a. Reef Code 24.04 Red River b. Reef Code 24.05 Secret Reef c. Reef Code 24.06 Sandpatch Point d. Reef Code 24.07 Sandpatch Point Lee e. Reef Code 24.08 Benedore	1. 37°43'45"S 149°32'45"E 2. 37°45'05"S 149°32'45"E 3. 37°42'10"S 149°39'22"E 4. 37°41'23"S 149°39'22"E	57 tonnes
Mallacoota Small spatial management unit that includes: a. Reef Code 24.09 Little Rame b. Reef Code 24.14 Bastion Point	Little Rame 1. 37°41' 23"S 149°39' 22"E 2. 37°42' 10"S 149°39' 22"E 3. 37°41' 27"S 149°41' 22"E 4. 37°41' 04"S 149°40' 39"E Bastion Point	21 tonnes

Column 1 Spatial management unit name	Column 2 Coordinates bordering spatial management unit	Column 3 Optimal target
	1. 37°35'05"S 149°44'19"E 2. 37°36'42"S 149°46'10"E 3. 37°34'23"S 149°50'16"E 4. 37°33'07"S 149°50'16"E 5. 37°33'07"S 149°51'36"E 6. 37°33'59"S 149°51'36"E 7. 37°33'41"S 149°53'30"E 8. 37°32'28"S 149°53'30"E	
Airport spatial management unit that includes: a. Reef Code 24.10/25.10 Little Rame Lee b. Reef Code 24.11/25.11 Shipwreck – Seal Ck c. Reef Code 24.15/25.15 Tullaberga Island d. Reef Code 24.16/25.16 Gabo Harbour e. Reef Code 24.21/25.21 Quarry / Betka Beach	1. 37°41' 04"S 149°40' 39"E 2. 37°41' 27"S 149°41' 22"E 3. 37°36' 42"S 149°46' 10"E 4. 37°35' 05"S 149°44' 19"E 5. 37°34' 23"S 149°50' 16"E 6. 37°33' 07"S 149°50' 16"E 7. 37°33' 07"S 149°51' 36"E 8. 37°33' 59"S 149°51' 36"E 9. 37°32' 28"S 149°53' 30"E 10. 37°33' 41"S 149°53' 30"E 11. 37°33' 57"S 149°54' 02"E 12. 37°33' 50"S 149°54' 20"E 13. 37°32' 55"S 149°54' 20"E 14. 37°32' 34"S 149°54' 16"E	85 tonnes
Mallacoota East spatial management unit that includes: a. Reef Code 24.17 Gabo Island b. Reef Code 24.18 Gunshot c. Reef Code 24.19 Iron Prince	1. 37°32' 34"S 149°54' 16"E 2. 37°32' 55"S 149°54' 20"E 3. 37°33' 50"S 149°54' 20"E 4. 37°33' 57"S 149°54' 02"E 5. 37°32' 56"S 149°55' 58"E 6. 37°32' 07"S 149°54' 45"E 7. 37°31' 09"S 149°56' 34"E 8. 37°32' 02"S 149°57' 37"E 9. 37°31' 14"S 149°58' 22"E 10. 37°30' 46"S 149°57' 49"E	32.5 tonnes

SCHEDULE 3

Column 1 Reef code name	Column 2 Coordinates bordering reef code	Column 3 Upper limit
Reef Code 22.01 Marlo	Coordinates bordering Marlo reef code 1. 37°48'36''S 148°18'00''E 2. 37°50'13''S 148°18'00''E 3. 37°50'07''S 148°32'24''E 4. 37°48'08''S 148°32'24''E	2 tonnes
Reef Code 22.02 French's	Coordinates bordering French's reef code 1. 37°48'08''S 148°32'24''E 2. 37°50'07''S 148°32'24''E 3. 37°50'14''S 148°36'26''E 4. 37°48'11''S 148°36'26''E	12.4 tonnes
Reef Code 22.03 Point Ricardo	Coordinates bordering Point Ricardo reef code 1. 37°48'11''S 148°36'26''E 2. 37°50'14''S 148°36'26''E 3. 37°50'02''S 148°39'04''E 4. 37°48'12''S 148°39'04''E	9.5 tonnes
Reef Code 22.04 Cape Conran	Coordinates bordering Cape Conran reef code 1. 37°48'12''S 148°39'04''E 2. 37°50'02''S 148°39'04''E 3. 37°49'30''S 148°44'21''E 4. 37°48'24''S 148°44'21''E	22.8 tonnes
Reef Code 22.05 East Cape	Coordinates bordering East Cape reef code 1. 37°48'24''S 148°44'21''E 2. 37°49'30''S 148°44'21''E 3. 37°49'25''S 148°46'24''E 4. 37°47'29''S 148°46'24''E	28.6 tonnes
Reef Code 22.06 Yeerung Reef	Coordinates bordering Yeerung Reef reef code 1. 37°47'29''S 148°46'24''E 2. 37°49'25''S 148°46'24''E 3. 37°48'33''S 148°52'14''E 4. 37°47'10''S 148°52'14''E	15.0 tonnes

Column 1 Reef code name	Column 2 Coordinates bordering reef code	Column 3 Upper limit
Reef Code 22.08 Pearl Point	Coordinates bordering Pearl Point reef code 1. 37°47'10''S 148°52'14''E 2. 37°48'33''S 148°52'14''E 3. 37°48'40''S 149°01'08''E 4. 37°46'51''S 149°01'08''E	30.2 tonnes
Reef Code 22.09 Tamboon Reef	Coordinates bordering Tamboon Reef reef code 1. 37°46'51''S 149°01'08''E 2. 37°48'40''S 149°01'08''E 3. 37°48'02''S 149°10'03''E 4. 37°46'41''S 149°10'03''E	2 tonnes
Reef Code 22.10 Clinton Rocks	Coordinates bordering Clinton Rocks reef code 1. 37°46'41''S 149°10'03''E 2. 37°48'02''S 149°10'03''E 3. 37°47'46''S 149°11'43''E 4. 37°46'43''S 149°11'43''E	2 tonnes
Reef Code 23.01 Point Hicks	Coordinates bordering Point Hicks reef code 1. 37°46'43''S 149°11'43''E 2. 37°47'46''S 149°11'43''E 3. 37°47'59''S 149°12'56''E 4. 37°46'39''S 149°12'54''E	2 tonnes
Reef Code 23.02 Whaleback	Coordinates bordering Whaleback reef code 1. 37°47'53''S 149°16'54''E 2. 37°48'26''S 149°16'55''E 3. 37°48'25''S 149°17'40''E 4. 37°48'30''S 149°17'40''E 5. 37°48'36''S 149°18'33''E 6. 37°46'57''S 149°18'33''E	8.5 tonnes
Reef Code 23.03 Mueller	Coordinates bordering Mueller reef code 1. 37°46'57''S 149°18'33''E 2. 37°48'36''S 149°18'33''E 3. 37°48'09''S 149°20'26''E 4. 37°46'36''S 149°20'26''E	7.8 tonnes

Column 1 Reef code name	Column 2 Coordinates bordering reef code	Column 3 Upper limit
Reef Code 23.04 Petrel Point	Coordinates bordering Petrel Point reef code 1. 37°46'36''S 149°20'26''E 2. 37°48'09''S 149°20'26''E 3. 37°47'22''S 149°24'15''E 4. 37°46'27''S 149°24'15''E	23.4 tonnes
Reef Code 23.05 Island Point	Coordinates bordering Island Point reef code 1. 37°46'27''S 149°24'15''E 2. 37°47'22''S 149°24'15''E 3. 37°47'17''S 149°27'12''E 4. 37°46'11''S 149°27'12''E	17.6 tonnes
Reef Code 23.06 Big Rame	Coordinates bordering Big Rame reef code 1. 37°46'11''S 149°27'12''E 2. 37°47'17''S 149°27'12''E 3. 37°46'17''S 149°30'58''E 4. 37°45'20''S 149°30'21''E 5. 37°45'20''S 149°29'47''E	14.5 tonnes
Reef Code 24.00 The Skerries	Coordinates bordering The Skerries reef code 1. 37°45' 20"S 149°29' 47"E 2. 37°45' 20"S 149°30' 21"E 3. 37°46' 17"S 149°30' 58"E 4. 37°45' 27"S 149°32' 01"E 5. 37°44' 22"S 149°31' 17"E	4 tonnes
Reef Code 24.03 Easby Creek	Coordinates bordering Easby Creek reef code 1. 37°44' 22"S 149°31' 17"E 2. 37°45' 27"S 149°32' 01"E 3. 37°45' 05"S 149°32' 45"E 4. 37°43' 45"S 149°32' 45"E	1.5 tonnes
Reef Code 24.04 Red River	Coordinates bordering Red River reef code 1. 37°43' 45"S 149°32' 45"E 2. 37°45' 05"S 149°32' 45"E 3. 37°44' 30"S 149°34' 00"E 4. 37°43' 28"S 149°34' 00"E	2.6 tonnes

Column 1 Reef code name	Column 2 Coordinates bordering reef code	Column 3 Upper limit
Reef Code 24.05 Secret Reef	Coordinates bordering Secret Reef reef code 1. 37°43' 28"S 149°34' 00"E 2. 37°44' 30"S 149°34' 00"E 3. 37°44' 10"S 149°35' 19"E 4. 37°43' 21"S 149°35' 19"E	2 tonnes
Reef Code 24.06 Sandpatch Point	Coordinates bordering Sandpatch Point reef code 1. 37°43' 21"S 149°35' 19"E 2. 37°44' 10"S 149°35' 19"E 3. 37°43' 48"S 149°36' 12"E 4. 37°43' 30"S 149°35' 53"E	23.4 tonnes
Reef Code 24.07 Sandpatch Point Lee	Coordinates bordering Sandpatch Point Lee reef code 1. 37°43' 30"S 149°35' 53"E 2. 37°43' 48"S 149°36' 12"E 3. 37°42' 27"S 149°37' 35"E 4. 37°41' 56"S 149°37' 17"E	39.0 tonnes
Reef Code 24.08 Benedore	Coordinates bordering Benedore reef code 1. 37°41' 56"S 149°37' 17"E 2. 37°42' 27"S 149°37' 35"E 3. 37°42' 10"S 149°39' 22"E 4. 37°41' 23"S 149°39' 22"E	9.1 tonnes
Reef Code 24.09 Little Rame	Coordinates bordering Little Rame reef code 1. 37°41' 23"S 149°39' 22"E 2. 37°42' 10"S 149°39' 22"E 3. 37°41' 27"S 149°41' 22"E 4. 37°41' 04"S 149°40' 39"E	19.5 tonnes
Reef Code 24.14 Bastion Point	Coordinates bordering Bastion Point reef code 1. 37°35'05''S 149°44'19''E 2. 37°36'42''S 149°46'10''E 3. 37°34'23''S 149°50'16''E 4. 37°33'07''S 149°50'16''E 5. 37°33'07''S 149°51'36''E 6. 37°33'59''S 149°51'36''E 7. 37°33'41''S 149°53'30''E	7.8 tonnes

Column 1 Reef code name	Column 2 Coordinates bordering reef code	Column 3 Upper limit
	8. 37°32'28''S 149°53'30''E	
Reef Code 24.17 Gabo Island	Coordinates bordering Gabo Island reef code 1. 37°32' 34"S 149°54' 16"E 2. 37°32' 55"S 149°54' 20"E 3. 37°33' 50"S 149°54' 20"E 4. 37°33' 57"S 149°54' 02"E 5. 37°32' 56"S 149°55' 58"E 6. 37°32' 07"S 149°54' 45"E	24.7 tonnes
Reef Code 24.18 Gunshot	Coordinates bordering Gunshot reef code 1. 37°31' 21"S 149°56' 49"E 2. 37°32' 02"S 149°57' 37"E 3. 37°31' 14"S 149°58' 22"E 4. 37°30' 56"S 149°58' 01"E	2.6 tonnes
Reef Code 24.19 Iron Prince	Coordinates bordering Iron Prince reef code 1. 37°31' 09"S 149°56' 34"E 2. 37°31' 21"S 149°56' 49"E 3. 37°30' 56"S 149°58' 01"E 4. 37°30' 46"S 149°57' 49"E	15.0 tonnes