

MARINE FIN-FISH FARM INSPECTION REPORT

MARINE ENGINEERING DIVISION

File No.	Date of Inspection	Prepared By
T05/233	8/06/2015	MD & NOM

DEPARTMENT OF AGRICULTURE FOOD AND THE MARINE

INSPECTION CHECKLIST FOR MARINE FIN-FISH FARMS

NAME OF FARM: Marine Harvest Ltd.

INSPECTED BY: Michael Doyle and Noel O'Murchu

DATE: 08/06/2015

FILE NO: Licence T5/233

SITE: Kealincha, Inishfarnard

LAND BASE: Dinish Island, Castletownbere

Tel: 027 70216 Office Castletownbere. C [REDACTED] (Manager)

TIME: 2pm

WIND FORCE 3

WIND DIRECTION:

SEA CONDITION: Good

TIME OF HIGH TIDE:

FARM PERSONNEL MET:

NAME:
Mr. John Power

STATUS:
Manager.

RECORDS:
Are Records of:

Smolts bought on to the farm.
 Amount of fish harvested.
 Mortalities.

Good	Ave	Poor
√		
√		
√		

MANAGEMENT

Are chemicals stored properlyNone Used.....Yes/No
 Is food stored properlyYes/No

Is the Pier used

Public	Private
√	

Name of Pier

If Pier is public is its use causing an obstructionYes/No

If Yes is obstruction

Major	Intermediate	Minor

Is there equipment/supplies on the shoreYes/No
 If yes, is it stacked neatlyYes/No

Is there any litter or debris on the shore or public pier, that may have come from the farmYes/No

Is there provision for litter collection and removalYes/No

Are land based facilities kept tidyYes/No

Are disinfection facilities readily accessible:-

FootbathYes/No

HandwashN/A.....Yes/No

WheelbathN/A.....Yes/No





CAGES AND STOCK:

TYPE	Quantity	Size	Depth (Net)	Licensed harvest in any one calendar year (tonnes)	Maximum smolt input permitted.	Actual standing stock (numbers)	Fish size (average)	Biomass (Tonne)
Polar Circle	14	96m	10m	500	400,000	503344	4.2 kg	2114
Feed Ship	1							

Checked by	
Visual Insp	Survey Instrument
Yes/No	Yes/No
	G.P.S.

Are all cages in Licensed area.....Yes

Are cages configured as specifiedN/A.....Yes/No

Are the cages moored as specifiedN/A.....Yes/No

Are cages tidily arrangedYes/No

Main colour of structureGrey/Black.

Visual impact of farm

Major	Intermediate	Minor
		√

Are navigation lights installed on cages.....Yes/No

Are navigation lights installed as specifiedYes/No

Are navigation lights workingYes/No

Are navigation buoys installed as specifiedN/A.....Yes/No

Are Radar reflectors fittedYes/No

Wear or fatigue on:

Mooring ropes

Shackles/Eyes

Joint/Hinges

Nets

Fouling on the nets

Major	Intermediate	Minor
		√
		N/A
		√
		√
		√

Are there top predator netsYes/No

Are there underwater predator netsYes/No

Is there a seal scarerYes/No

SAFETY MEASURES

Do cages carry:

Life-belts (with lines)Yes/No

FlaresYes/No

HARVESTING:

How are fish killed?

Fish are taken by Wellboat to Fishermens Co-op Castletownbere.

MORTALITIES:

How are dead fish disposed of?

College Proteins, Nobber Co. Meath

Did you observe this?

WATER QUALITY:

Is there any increase in the turbidity of the water?

~~Yes~~/No

Is there any visible trace of oil, fat or grease on the water or on the shoreline?

~~Yes~~/No

Is there any evidence of scum, froth or foam on the water ?

~~Yes~~/No

Is there any litter or debris in the water?

~~Yes~~/No

BOATS:

List boats used on the farm:

TYPE	LENGTH	REG NO.
Steel Hull	11m	
Steel Hull	8m	
Polar Circle	8m	

Do boats used appear to be sea worthy and appropriate to the site condition?

Yes/No

If no please specify

Did all persons seen at sea wear life-jackets?.....~~Yes/No~~

OTHER COMMENTS:

Stocking Figures:

Stocking records were received on the day of inspection and harvest estimates for 2015 were provided following the inspection. In March 2014, 820,604 smolts with an average weight of 0.09kg was inputted to the site. No fish were harvested out of the site in 2014. The production in 2014 is calculated to be 973 Tonne.

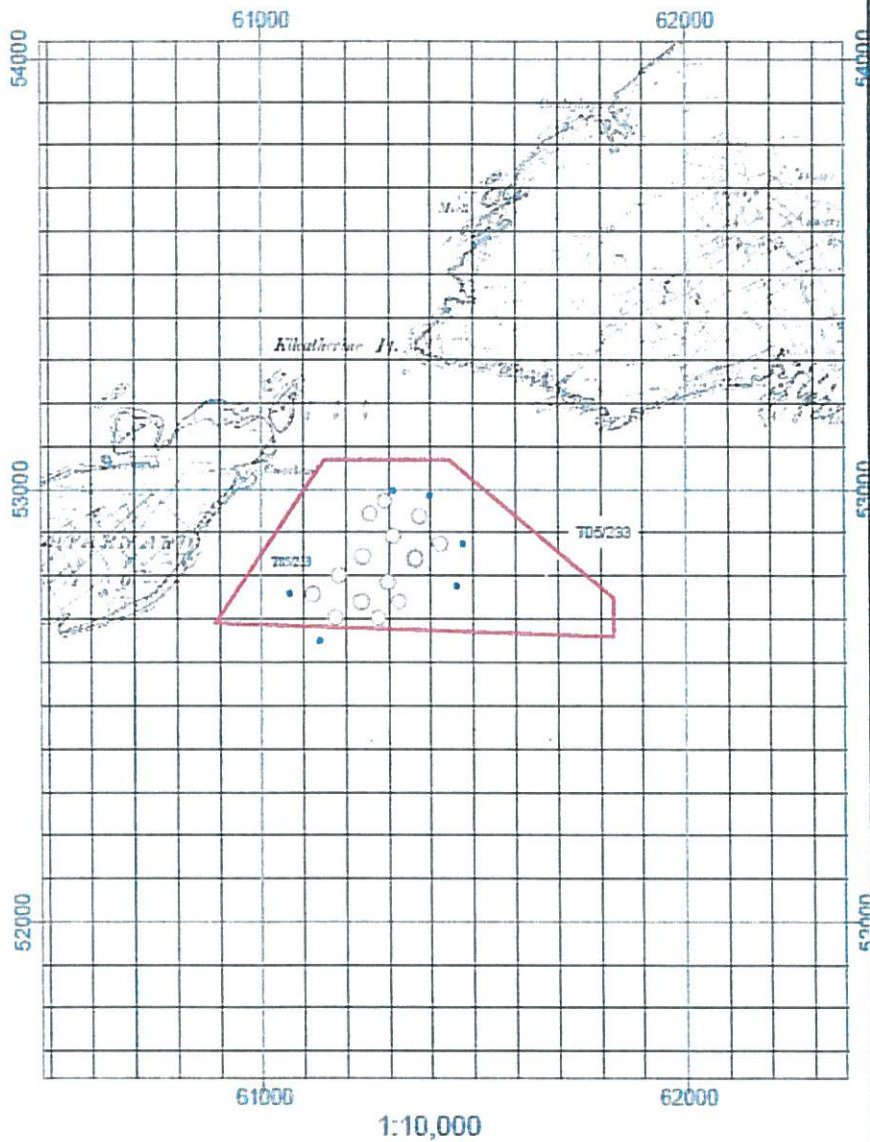
No smolts were added to the site since March 2014. Based on harvest projections provided by MHI, the harvest estimate for 2015 is calculated to be 1768 Tonne (dead weight). Similarly the production estimate for 2015 is calculated to be 1083 Tonne. These calculations will need to be re-evaluated in early 2016 when definite stock figures will be known.

REMEDIAL MEASURES REQUIRED:

The number of smolts to be stocked at the site should not in any event exceed 400,000 and the licensed harvest tonnage of 500 tonnes (dead weight) should not be exceeded in any one calendar year in accordance with Licence condition 2 (d) and 2 (e) respectively.

Overall Assessment:

Following the inspection, the site appears to be in a good state of maintenance. The cage superstructures looked in good repair and within the licensed area. Stocking records were received on the day of inspection. Overall assessment however is unsatisfactory due to the number of smolts inputted to the site in 2014 exceeded the license figure.



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Inishfarnard site T05/233

