



CCAMLR

COMM CIRC 12/42  
SC CIRC 12/20

Thursday, 12 April 2012

## Notification of Vessel Replacement in Krill Fishery

In accordance with Conservation Measure 21-03, the Secretariat has been advised by Korea that, due to a fire on board, the vessel *Dongsan Ho* has been replaced by the *Maestro* in the krill fishery in Area 48.

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## ATTACHMENT 1

### NOTIFICATION OF INTENT TO PARTICIPATE IN A FISHERY FOR *EUPHAUSIA SUPERBA* IN ACCORDANCE WITH CONSERVATION MEASURE 21-03

ANNEX 21-03/A

Member: REPUBLIC OF KOREA

Fishing season: 2011 / 2012

Name of vessel: MAESTRO

Expected level of catch (tonnes): 38,000

Fishing technique: ☒ Conventional trawl

☐ Continuous fishing system

☐ Pumping to clear codend

☐ Other methods: Please specify \_\_\_\_\_

Method used for direct estimate of green weight of krill caught<sup>1</sup>: WHOLE ROUND(1.0) MEAL(9.0)  
PEELED(8.0)

Products to be derived from the catch:

Product type	% of catch
WHOLE ROUND	66%(25,000)
MEAL	29%(11,000)
PEELED	5%(2,000)

The vessel using meal plant to produce krill meal and using peeling machine to produce peeled krill.  
The recovery rate from whole round are about 9.0 and 8.0 respectively.

## Notified fishing areas and months

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
48.1					X	X	X	X	X	X	X	X
48.2					X	X	X	X	X	X	X	X
48.3					X	X	X	X	X	X	X	X
48.4												
48.5					X	X	X	X	X	X	X	X
48.6												
58.4.1												
58.4.2												
88.1												
88.2												
88.3												

X Mark boxes where and when the notified vessel(s) is/are most likely to operate.

Precautionary catch limits not set, therefore considered as exploratory fisheries.

Note that the details provided here are for information only and do not preclude operation in areas or times which were not specified.

As of 2011/12, the notification shall include a description of the exact detailed method of estimation of the green weight of krill caught and, if conversion factors are applied, the exact detailed method of how each conversion factor was derived. Members are not required to re-submit such a description in the following seasons, unless changes in the method of green weight estimation occurred.

Information to be provided to the extent possible.

**NET CONFIGURATION AND USE OF FISHING TECHNIQUES  
AS LISTED IN ANNEX 21-03/A**

Net opening (mouth) circumference (m)	Vertical opening (m)	Horizontal opening (m)
188	30	25

Net Panel length and mesh size

Panel	Length (m)	Mesh size (mm)
1st panel	6.72	240
2nd panel	16	200
3rd panel	9.9	150
4th panel	14	135
5th panel	13.5	135
6th panel	13.5	135
7th panel	11.47	135
Final panel (Codend)	23	120

Provide diagram of each net configuration used

See the attached file (ADD 1)

Use of multiple fishing techniques\*: Yes ☒ No ☐

\*If yes, frequency of switch between fishing techniques: \_\_\_\_\_

	Fishing technique	Expected proportion of time to be used (%)
1		
2		
3		
4		
5		
...		Total 100%

Presence of marine mammal exclusion device\*: Yes **V** No

\*If yes, provide design of the device:

**1. Use of Net – Binding**

- Net binding is one of plans of Seabirds By-catch Mitigation. Before fishing vessel cast her net into the water. they bind a net with the line made with Manila Hemp. So when they cast their net into the water, the net's volume was smaller than before and the possibility of bird's being hooked decrease. For your reference, Manila Hemp line gets loose when crews's put this into with the net. For example, if we assume that actual net volume is 10, they make this net's volume by 4 ~ 5 by net – binding.

**2. Water Jet**

- We use strong water jetting system when the vessel cast and haul the fishing net.

**3. Explosive Sound Device**

- We use explosive sound device when the vessel cast fishing net.

**4. Marine Mammal Protect Net**

- It is covered with net of 300mm mesh sized around front weight of fishing net.

This device will help sea mammal's entrance into the fishing net.

Moreover, we also made a hole in the upper side of fishing net for sea mammals escaping.

Provide explanation of fishing techniques, gear configuration and characteristics and fishing patterns:

- We, Dongwon Industries Co., Ltd, use trawl net which we mentioned in ANNEX 21-03B when we catch Krill in Antarctic Ocean. Also we use trawl doors (we call it otter board) for expanding our net for trawling work. During our vessel's fishing season, she casts and gets a net 15 ~18 times per day. It takes 90 minutes for trawling work and this is the typical type of trawling fishing.

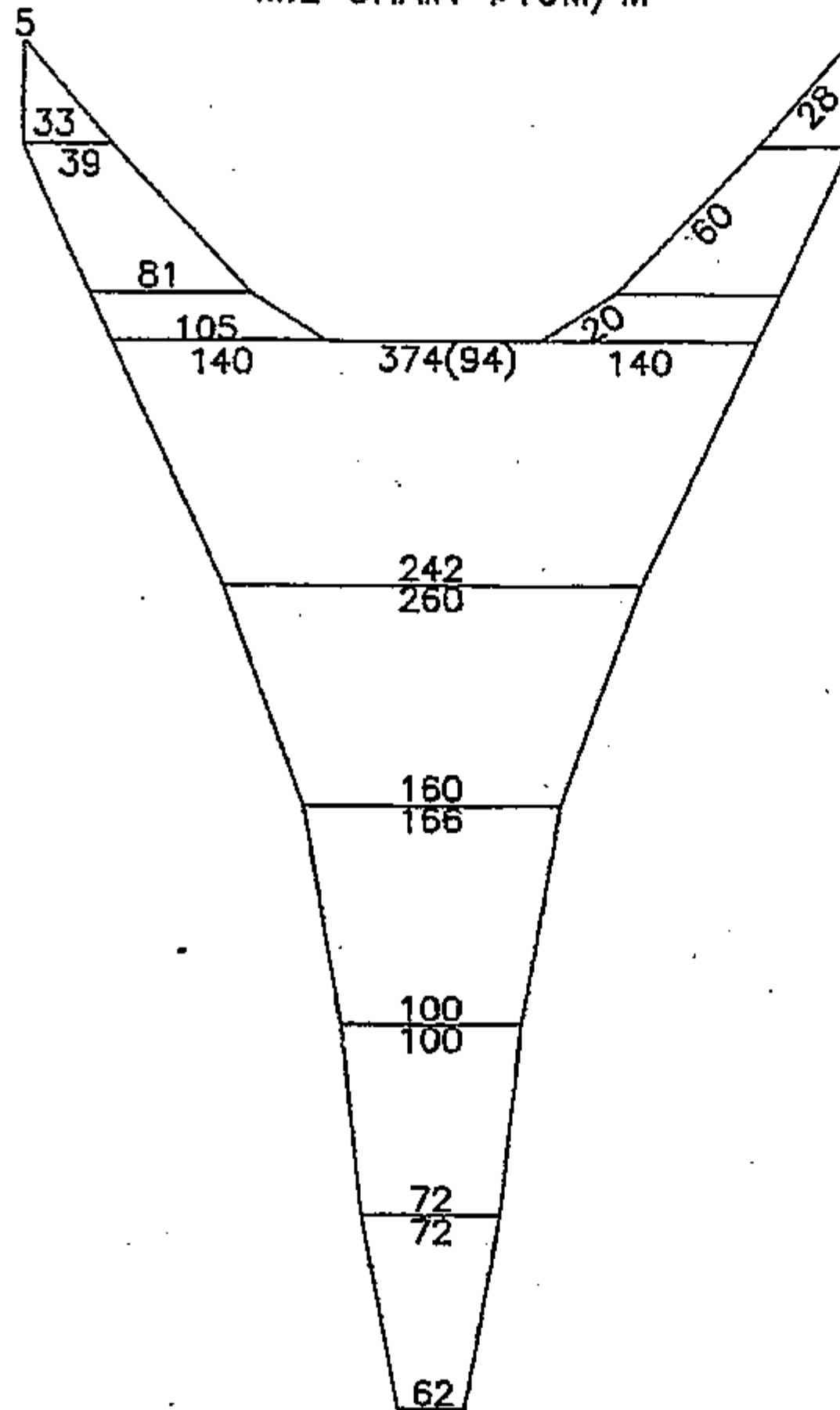
# KRILL 3200(A)

H.R. : PP-C.P.R Ø32  
HEADROPE : 55.2MTR  
FLOAT : Ø305A 141PCS

G.R. : PP-C.P.R Ø32  
M.L CHAIN Ø19M/M

S.R. : HI.PP Ø36  
13.2M

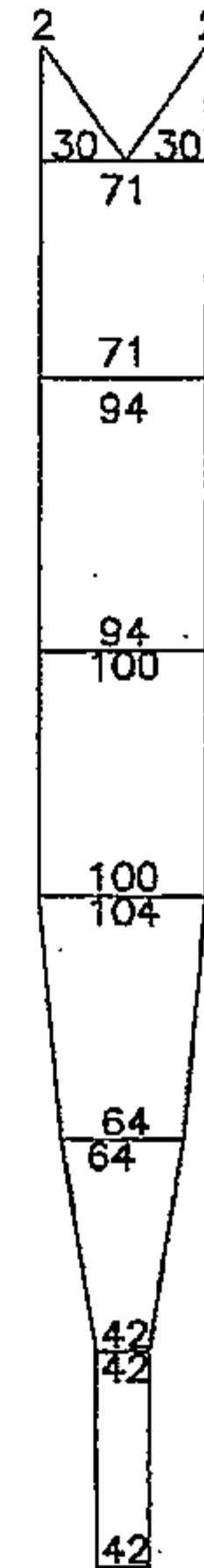
NET M.S. M.D.	N.L
Ø6 DBL 240MM 28	6.72
Ø5 SGL 200MM 80	16.0
Ø6 SGL 150MM 66	9.9
Ø5 SGL 140MM 99.5	14.0
Ø5 SGL 135MM 99.5	13.5
Ø5 SGL 135MM 99.5	13.5
Ø6 SGL 135MM 85.0	11.47
Ø6 DBL 120MM 192	23.0



HISTENTH PP ROPE 8S/T Ø50

HI.PP 8S/T Ø70

TOTAL : 104.6M



NYLON RASCHEL  
(TARRED)  
DIA. M.S.

18ply 40MM

18ply 30MM

18ply 24MM

30ply 15MM

30ply 12MM

KTI KOREA TRADING & INDUSTRIES CO.,LTD.

작성	검토	승인

TYPE : KRILL 3200A-R

COMPANY : 동원산업(주)

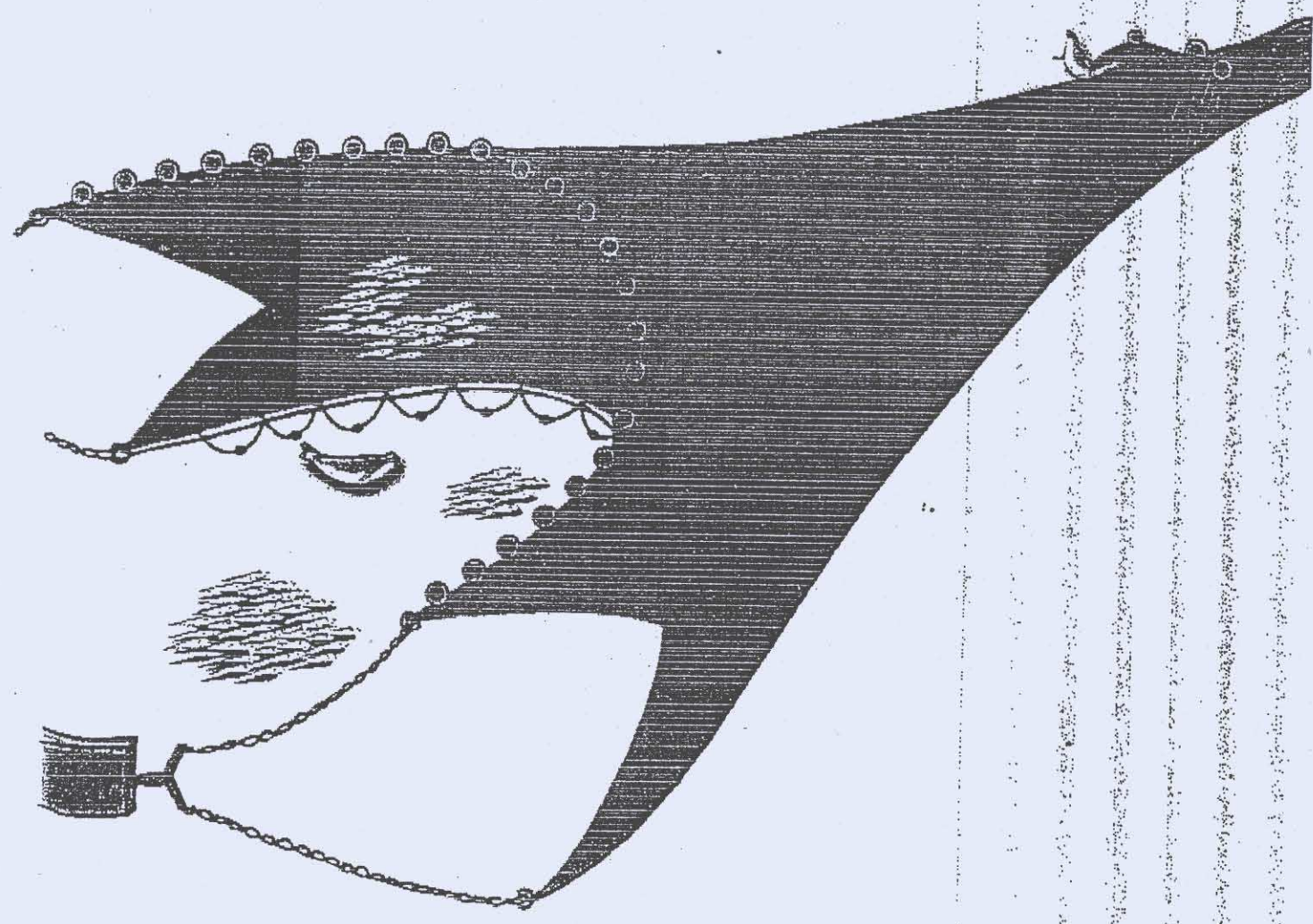
SHIP : F/V "MAESTRO"

FILE NO. : KT-MR-58R2

DATE : 2008. 11. 28.

DESIGNED BY : K.T.I.

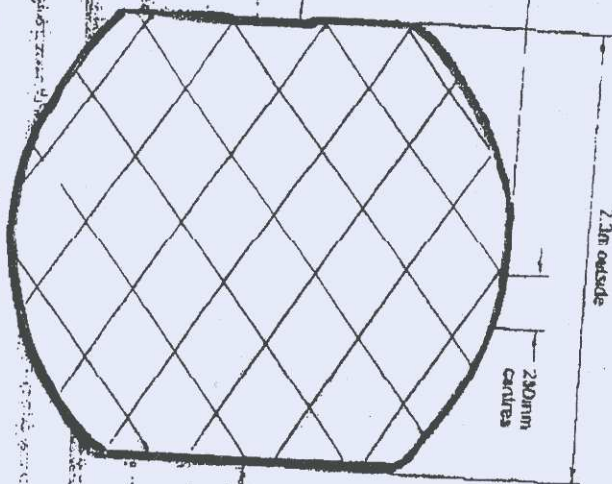
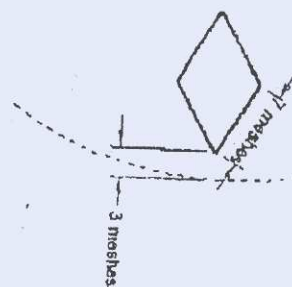
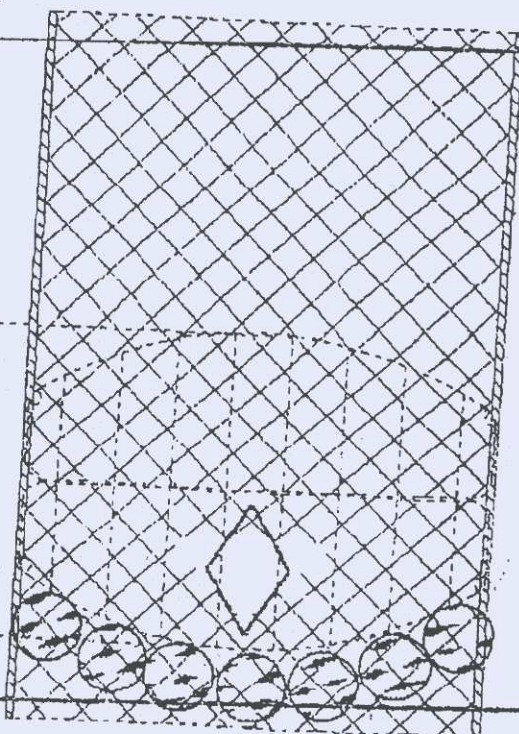
\* Add 1



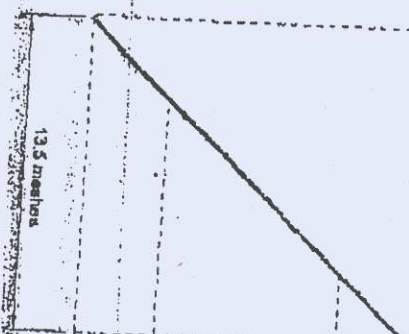


# Pet:sen Seal Excluders

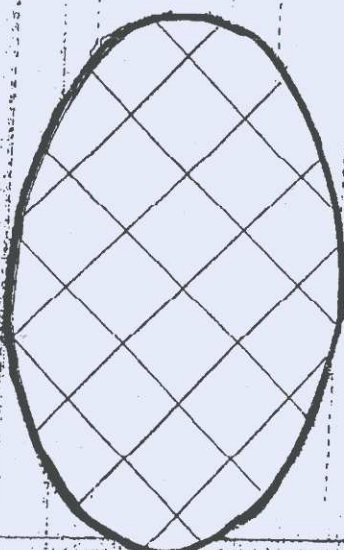
Water flow



2.3m outside  
2.30mm centres



13.5 meshes



Shape at 45 degrees

total weight of 2 grids = 102kg  
= 89kg in water

⑩ = figat

20 Jul 2009 09:25

DONG WON FISHERIES

64-3-688-9086

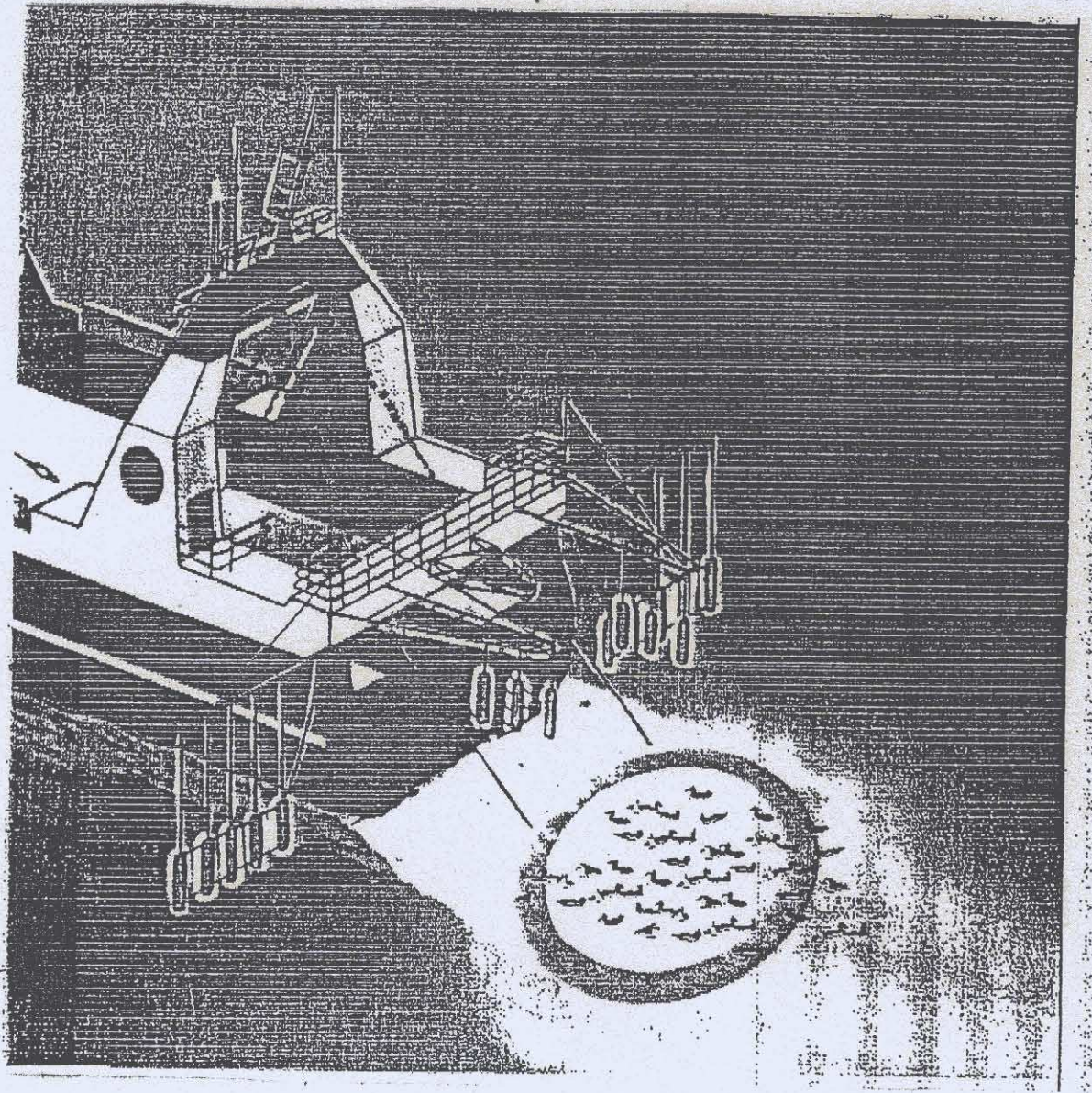
29/03/2004 / 15:55

SEOULDMGSAN

006008225893289

19/06/2007 20:33





## VESSEL INFORMATION

Each notification must address the following information, for each vessel, in accordance with Conservation Measure 10-02, paragraphs 3 and 4:

### Conservation Measure 10-02, paragraph 3

(i)	Name of fishing vessel Previous names (if known) Registration number IMO number (if issued) External markings Port of registry	<i>MAESTRO</i> <i>KAPITAN BUTRIMOV</i> 1004001-6261101 8607385 <i>MAESTRO</i> <i>BUSAN, KOREA</i>
(iii)	Previous flag (if any)	<i>SAINT KITTS &amp; NEVIS</i>
(iv)	International Radio Call Sign	<i>D.T.B.X.8</i>
(v)	Name of vessel's owner(s) Address of vessel owner(s) Beneficial owner(s) if known	<i>DONGWON INDUSTRIES CO., LTD</i> <i>YANGJAE-DONG SEOCHO-GU SEOUL KOREA</i> <i>NONE</i>
(vi)	Name of licence owner Address of licence owner (operator)	<i>SAME AS ABOVE</i> <i>SAME AS ABOVE</i>
(vii)	Type of vessel	<i>TRAWLER</i>
(viii)	Where was vessel built When was vessel built	<i>VOLKSWERFT-STRALSUND, GERMANY</i> <i>1990. 11. 01</i>
(ix)	Vessel length overall LOA (m)	<i>110.22</i>
(x)	12 x 7 cm colour photographs - 1 x starboard side of the vessel - 1 x port side of the vessel - 1 x stern view	<i>See the attached file</i> <i>See the attached file</i> <i>See the attached file</i>
(xi)	Details of the implementation of the tamper-proof requirements of the VMS device installed	<i>MODEL : MAR-GE</i> <i>ID MO. : 77453</i> <i>ARGOS GPS TRANSMETER</i>

**Conservation Measure 10-02, paragraph 4 (to the extent practicable)**

(i)	Name of operator Address of operator	<i>SAME AS ABOVE</i> <i>SAME AS ABOVE</i>
(ii)	Names and nationality of master and, where relevant, of fishing master	<i>REPUBLIC OF KOREA / Mr. CHO GWEON GYU</i>
(iii)	Type of fishing method(s)	<i>TRAWLER</i>
(iv)	Vessel beam (m)	<i>19.00</i>
(v)	Vessel gross registered tonnage	<i>7,765.00</i>
(vi)	Vessel communication types and numbers (INMARSAT A, B and C)	<i>INMARSAT - C</i>
(vii)	Normal crew complement	<i>103</i>
(viii)	Power of main engine(s) (kW)	<i>5,296.00 KW</i>
(ix)	Carrying capacity (tonne) Number of fish holds Capacity of all holds (m <sup>3</sup> )	<i>2,058.65 MT</i> <i>3</i> <i>3,743.00 M3</i>
(x)	Any other information in respect of each licensed vessel that is considered appropriate (e.g. ice classification) for the purposes of the implementation of the conservation measures adopted by the Commission.	

**SUPPORTING DOCUMENTATION**

*[Please attach photographs of each vessel - starboard side, port side and stern view and any other information appropriate to the fishery notification ]*

**SEE THE ADD 2, 3 ,4**











2012/01/01 10:27