

Vulnerable Marine Ecosystem Database (VME DB)

-
NPFC

Tony Thompson
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Day 2, 11:30

*FAO Regional Workshop on Vulnerable Marine
Ecosystems (VMEs) in the North Pacific Ocean*

Tokyo, Japan

March 11 – 13, 2014



Login

Advanced Search | Legend | EmbedLink X

Login

User:

Password:

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VME areas

Footprints

Reset

Change projection

5000 km

2000 nmi

lon: 77.52, lat: 64.01

< 2012 >

Login

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vulnerable marine ecosystems DATABASE



Global inventory of fisheries measures adopted in ABNJ to prevent significant adverse impacts of high-seas bottom fisheries on vulnerable marine ecosystems (VMEs) and associated information

Set year to 2009 and click on north Pacific

Logout

Advanced Search | Legend | EmbedLink X

VME areas

Footprints

Reset

Pacific Ocean

Indian Ocean

Change projection

5000 km

2000 nmi

lon: 64.51, lat: 39.37

< 2009 >

VME Area

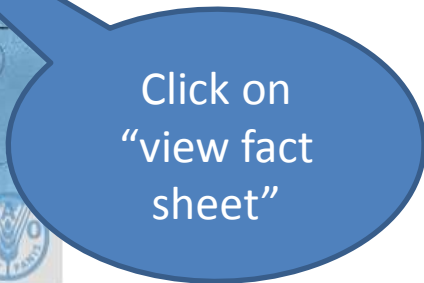
NPFC - VME example

Management Body/Authority: null

Measure first applied in: 2009

Area Type: VME

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Click on "view fact sheet"

Disclaimer: The designations employed and the presentation of material in the map(s) are for illustration only and do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal or constitutional status of any country, territory or sea area, or concerning the delimitation of frontiers or boundaries.



NPFC - Example

Selected year: 2009

Print PDF XML Source Citation

Description

Map

Management

Regional overview

Meeting reports

Media

Geographical reference
North Pacific

Management Body/Authority
North Pacific Fisheries Commission
(NPFC)

Area Type

Measure first applied in 2009

Management Body/Authority North Pacific Fisheries Commission (NPFC)

The objective of the North Pacific Fisheries Commission (NPFC) is to ensure the long-term conservation and sustainable use of the fisheries resources in its area of competence, while protecting the marine ecosystems of the North Pacific Ocean.



Regional Fishery Body fact sheet
<http://www.fao.org/fishery/rfb/NPFC/en>

Basic information on NPFC and description appears (this is blank as there is no VME of closed area to describe)



«Home

NPFC - Example Selected year: 2009 Print PDF XML Source Citation

Description **Map** **Management** Regional overview Meeting reports Media

General measures

Fishing areas
Northwest Pacific Ocean (FAO Area 61). Bottom fishing is permitted south of 45 N but number of vessels and fishing effort should not increase beyond current levels. Bottom fishing north of 45 N is considered as exploratory fishing. Measures are voluntarily applied by States and fishing entities. [text paraphrased, see 4C NPFC2009a]

Exploratory fishing protocol
Exploratory fishing is considered as bottom fishing in new areas or in existing areas with bottom gears not previously used. Prior to commencement of fishing, an impact assessment is circulated to participating states and for review by SWG. Exploratory fishing permitted only if no SAI are determined. VMS and observers are required during exploratory fishing. Catches must be precautionary. The exploratory fishing is reviewed by SWG after no more than 12 months after fishing commenced. Guidelines provided in measures. [text paraphrased, see NPFC2009b]. [Guidelines for assessing SAI NPFC2009c]. [Data collection programmes NPFCe]. [Data standards NPFC2009f].


Encounter protocols
Encounters with cold water corals result in cessation of fishing and moving away no less than 5 nmile prior to further fishing. Location reported to interim Secretariat. SWG review encounter information [NPFC2009d]. Appropriate measures to be adopted by Participating states. [text paraphrased, see 4F NPFC2009a]

Threshold
No threshold value stated. [See 4F NPFC2009a]

Indicator species

Management Body/Authority
North Pacific Fisheries Commission (NPFC)

The objective of the North Pacific Fisheries Commission (NPFC) is to ensure the long-term conservation and sustainable use of the fisheries resources in its area of competence, while protecting the marine ecosystems of the North Pacific Ocean.

 **Regional Fishery Body fact sheet**
<http://www.fao.org/fishery/rfb/NPFC/en>

Management information for western North Pacific



NPFC - Example


Selected year: 2009

Print PDF XML Source Citation

Description Map Management Regional overview **Meeting reports** Media

NPFC. 2009. Record of the 7th Multilateral Meeting on Management of High Seas Fisheries in the North Pacific Ocean. Bellevue, Washington, U.S.A. 5-7 August 2009. <http://nwpbfo.nomaki.jp/Meetingreport-7th.pdf>. (viewed 2 Nov 2013)  Commission 2009 05 Aug 2009 - 07 Aug 2009

Footprint data discussed in relation to reposts of suspected illegal coral dredging [4iii]. There was no consensus on extending the area of coverage for the interim measures [6]. [Full report: NPFC2009h]

NPFC. 2009. Record of the Sixth Inter-Governmental Meeting on Management of High Seas Bottom Fisheries in the North Pacific Ocean. Busan, Korea, 18-20 February, 2009. <http://nwpbfo.nomaki.jp/Meetingreport-6th.pdf>. (viewed 2 Nov 2013)  Commission 2009 18 Feb 2009 - 20 Feb 2009

"Exploratory Fishery Protocol adopted". "New Mechanism for Protection of Vulnerable Marine Ecosystems and Sustainable Management of High Seas Bottom Fisheries in the Northwestern Pacific Ocean" adopted [6]. Encounter protocols discussed especial regarding thresholds, but concensus not reached on revisions. Japan will follow NAFO levels, and Korea will follow Japan's decision. No consensus was reached on the closures Koko, C-H and Colahan seamounts to protect known and potential VMEs [6]. Interim measures attached to report [Attachment 4]. [Full report: NPFC2009g]

NPFC. 2008. Record of the Fifth Inter-Governmental Meeting on Management of High Seas Bottom Fisheries in the North western Pacific Ocean. Tokyo, Japan, 17-18 October, 2008. <http://nwpbfo.nomaki.jp/Meetingreport-5th.pdf>. (viewed 2 Nov 2013)  Commission 2008 17 Oct 2008 - 18 Oct 2008

Reported that FAO " International Guidelines for the Management of Deep-sea Fisheries in the High Seas" were finalised [5]. Participating States reviewed and tentatively adopted the "New Mechanisms for Protection of Vulnerable Marine Ecosystems and Sustainable Management of High Seas Bottom Fisheries in the Northwestern Pacific Ocean", along with the "Observer Programme Draft Standards", and the "SWG Assessment Review Procedures for the Bottom Fishing Activities" [6]. Adoption of "Science-based Standards and Criteria for identification of VMEs and assessment of significant adverse impacts on VMEs and marine species" [7].

Management Body/Authority North Pacific Fisheries Commission (NPFC)

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Regional Fishery Body fact sheet

<http://www.fao.org/fishery/rfb/NPFC/en>

Meeting reports for North Pacific

To review

Select 2011 and show:

NPFC - Example Selected year: 2011 Print PDF XML Source Citation

Description **Map** **Management** **Regional overview** **Meeting reports** **Media**

General measures

Fishing areas
Northeast Pacific Ocean of the NPFC Convention area east of 175 W. No specific areas allowing or prohibiting bottom fisheries provided [Attachemnt 4]. However, any bottom fishing should not procede until an assessment has been undertaken and any necessary measures applied [4e]. Known or likely VME areas should be closed [4h]. States and fishing entities to prohibit directed fishing for Alcyonacea, Antipatharia, Gorgonacea, and Scleractinia as well as any other indicator species for vulnerable marine ecosystems. Measures are voluntarilly applied by States and fishing entities. [4g]. [text paraphrased, see Attachemnt 4 NPFC20011b]

Exploratory fishing protocol
New and exploratory bottom fisheries will be subjected to the exploratory fishing protocol [Attachment 4 para 10 NPFC2011b; described in NPFC2009b].

Encounter protocols
None provided, but conservation and management measures required if fishing would have an SAI on VMEs [Attachemnt 4d NPFC20011b].

Threshold
None provided.

Indicator species
None provided.

Source of information

Management Body/Authority
North Pacific Fisheries Commission (NPFC)

The objective of the North Pacific Fisheries Commission (NPFC) is to ensure the long-term conservation and sustainable use of the fisheries resources in its area of competence, while protecting the marine ecosystems of the North Pacific Ocean.

Regional Fishery Body fact sheet
<http://www.fao.org/fishery/rfb/NPFC/en>

Management information for eastern North Pacific



To review

Note th



Excel input for review

Line reference ID	Name of VME in measures (or proxy name if not named)	Year of meeting or adoption	The first year of the measure (closure) – backdates to principal	The last year of the measure (closure) 9999 if no end year	Type of measure	Copy or summary from measures (with article/paragraphy no.)	Copy or summary from measures (with article/paragraphy no.)	Coordinates entered	
1									
2	ID	RFB ID	Year ID	VME G	VME G	Type of measure	RFB Fishing Areas	RFB Exploratory Fishing	
3	1	NPFC	2009	2009	9999	Voluntary, States and fishing entities to apply	Northwest Pacific Ocean (FAO Area 61). Bottom fishing is permitted south of 45 N but number of vessels and fishing effort should not increase beyond current levels. Bottom fishing north of 45 N is considered as exploratory fishing. Measures are voluntarily applied by States and fishing entities. [text paraphrased, see 4C NPFC2009a]	Exploratory fishing is considered as bottom fishing in new areas or in existing areas with gears not previously used prior to commencement of fishing, an impact assessment to be undertaken by participating states. For review by SWG. Exploratory fishing permitted only if no SAI are determined. VME observers are required during exploratory fishing. Catches must	FAO Area 61 that the is not a measur
4	2	NPFC	2011	2011	9999	Voluntary, States and fishing entities to apply	Northeast Pacific Ocean of the NPFC Convention area east of 175 W. No specific areas allowing or prohibiting bottom fisheries provided [Attachemnt 4]. However, any bottom fishing should not procede until an assessment has been undertaken and any necessary measures applied [4e]. Known or likely VME areas should be closed [4h]. States and fishing entities to	New and exploratory bottom fisheries will be subject to the exploratory fishing protocol [Attachment 4 para 10 NPFC2011b; description of NPFC2009b].	Conver
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Review work

- Database overall for general comments
- NPFC section in particular and portal/scheme for bigger picture
- Actual NPFC data input

