



FRIEND OF THE SEA

Sustainable Fish

Fishery Check list

This document must be used together with: Preliminary Information Form completed by the audited
The Preliminary Information Form must be confirmed on site

<p>COMPANY: Gel-Peche (and site if applicable) REFRIGEPECHE OUEST - CRUSTAPECHE</p> <p>ADDRESS: 12 rue Gutenberg – 44341 Bourguenais Cedex France</p> <p>ACTIVITY:</p> <ul style="list-style-type: none"><input type="checkbox"/> Shipowner – Owner of the Fishing Fleet<input type="checkbox"/> Pre - Processor – Processing but not up to finished product (e.g. loins, etc).<input type="checkbox"/> End – Processor – Processing from up to finished product<input checked="" type="checkbox"/> Importer<input type="checkbox"/> Exporter<input type="checkbox"/> Distributor<input type="checkbox"/> Other (please describe) :	<p>PRODUCT/S: Penaeus indicus – Penaeus monodon – Penaeus semisulcatus – Metapenaeus monoceros (common + scientific name):</p> <p>DATE(S) OF VISIT: 16th – 17th April 2008</p> <p>FURTHER INFORMATION: The Company is part of a group? No</p> <p>Other production locations: Morondava</p> <p>External Warehouses and Cold Stores: 9 containers packing storage and 23 containers cold stores which 19 for shrimp's products.</p> <p>Total number of employees: Factory: 60 daily workers which 9 salaried Overall Yearly Revenue: unavailable</p> <p>Environmental Certifications and Awards: 7 fishing boats recognized by the Malagasy fishing ministry, national authority.</p>
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- Friend of the Sea project has been introduced
- Friend of the Sea brochure has been handed over [The West Refrigepeche Managing director confirmed us that he has received it just before our arrival for the audit. \[received on 15th April 2008\]](#)
- The Audited company has been informed that in case of approval confirmation, it can use the Friend of the Sea logo on its certified products
- The Confidentiality document has been handed over to the Company. [The Quality Supervisor confirmed that the company didn't receive confidential document.](#)
- The Company has handed over a copy of the company organigram identifying the role of the staff involved in the audit
- Supply Food chain description is available [Available for factory and all the 7 vessels which are identics.](#)
- Audit timing has been agreed upon. [Confirmed by the West Refrigepeche managing director mails on 15th April 2008.](#)
- Datas of Preliminary Information Form have been confirmed. (in case of different info. please detail):
[GELPECHE is the Importer, not Shipowner – Owner of the Fishing Fleet.](#)

EVALUATOR NAME: Aina Raoliarivony	SIGNATURE:	DATE: 16 th – 17 th April 2008
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1 - SPECIES AND STOCK STATUS CRITERIA: fisheries targeting not overexploited stocks

n°	Requirement	Level	Y/N ¹	Remarks
1.1	The targeted and by-caught species cannot be included in the IUCN Redlist of endangered species	Essential	Y	None of the targeted shrimp species is included in the IUCN Redlist (www.iucnredlist.org) Main bycaught species are not included in the IUCN redlist: Sphyreana spp (Barracuda); Scomberomorus commersoni (Narrow-barred Spanish mackerel); Psettodes erumei (Indian spiny turbot); Otolithes ruber (Tiger-toothed croaker); Nemipterus bleekeri (Threadfin bream); Leiognathus spp (Ponyfishes); Decapterus russelli (Indian scad); Dussumieria acuta (Rainbow sardine); Rastrelliger kanagurta (Indian mackerel); Terapon

¹ Every NOT APPLICABLE must be marked with NA in Y/N column and justified in the remark column

n°	Requirement	Level	Y/N ¹	Remarks
				spp (Terapon); Upeneus vittatus (Goatfish); Saurida tumbil (Greater lizardfish); Chirocentrus dorab (Wolf herring). Further on-site evidence or confirmation: During the first tide, below the list the products captured other than the shrimps. It is about the accompaniment fish <ul style="list-style-type: none"> - Sole (Solea solea) - Turbot (Psetta maxima) - Soisoy - Tri dents - Tout venant - Sphyreana spp (Barracuda) - Mahaloky (Caesio caeruleus) - Tretreka - Gogo (Boops boops) - Poisson Lili - Rouget (Mullus barbatus) - Sababaka - Karapapaka - Koana - Cabot (Parablennius gattorugine) - Raie bouclée (Raja clavata) - Vatritra - Ambany vava - Thon (Thunnus alalunga) - Drihy
1.2	The target species stock cannot be Overexploited nor Depleted nor Recovering nor Data Deficient, according to the most recent stock assessment and the following order of priority data source: FAO, Regional Fishery Body, National Marine Research Authority. An exception is made for those traditional fisheries which a) respect all other criteria; b) represent not more than 10% of the total catch of the overexploited stock; c) should be taken as a positive	Essential	Y	Penaeus indicus and Penaeus shrimps nei are considered Fully Exploited and the industrial fishery not overfishing - FAO 2004 and 2005 (http://www.fao.org/docrep/009/y5852e/Y5852E11.htm#tbl8 and http://www.fao.org/docrep/009/a0477e/a0477e0x.htm).

n°	Requirement	Level	Y/N ¹	Remarks
	example of well managed low impact fishery and thus be promoted.			

2 – SEABED IMPACT CRITERIA: respect of benthic habitat

n°	Requirement	Level	Y/N	Remarks
2.1	<p>The targeted species CANNOT be fished by gears which impact the seabed unless evidence is provided that the impact on the seabed is negligible.</p> <p>Bottom Trawling fisheries must have implemented, as a minimum, the following:</p> <p>1) Protected Areas for corals and seamounts, where bottom trawling is prohibited;</p> <p>2) TEDs or similar compulsory, with discard reduction to fulfil criteria 3</p>	Essential	Y	<p>On January 10, 2007, the United States Department of State certified Madagascar as meeting the requirements set by Section 609 of P.L. 101-162 for continued importation of shrimp into the United States. The Department also announced that Madagascar has adopted a TED program comparable to that of the United States and is enforcing its program in a credible manner. Accordingly, the Department of State hereby certifies Nigeria and Madagascar pursuant to Section 609(b)(2)(A) and (B). (TED = Trawler Excluders Devices). (http://www.state.gov/r/pa/prs/ps/2007/78564.htm).</p> <p><i>Friend of the Sea is waiting for any further available evidence from the Organization.</i></p> <p>Further onsite evidence:</p> <ul style="list-style-type: none"> - Verify use of TEDs on all vessels supplying the Organization: <p>Verification of data on the ground of the use of the TED of the 7 trawlers:</p> <ul style="list-style-type: none"> - Registrations of the purchases and the good of outlays of the materials of the store for the trawlers. - Audit achieved by the FAO in 2007. - Verify use of VMS/Sonar on all boats and from VMS sample recordings, verify respect of fishing areas limits. <p>Vérification à partir des données à terre de l'utilisation du VMS / Sonar des 7 chalutiers :</p>

				<ul style="list-style-type: none"> - Registrations in the software COSWIN C/S5.23 treating the management of stocks, purchases and outlays of the materials of the store for the maintenances of the trawlers - Disposition by boat of 2 sounders, 2 radars, classic GPS, GPS floats. <p>Réglementation :</p> <ul style="list-style-type: none"> ➤ Décret n°2000-415 portant définition du système d'octroi des licences de pêche crevettière : <ul style="list-style-type: none"> - Le respect pouvant porter sur : le type, la méthode de pêche, les engins de pêche et toute activité connexe autorisée. ➤ Arrêté n° 1613 du 31 Juillet 2002, tout navire opérant dans les eaux maritimes sous juridiction malagasy à des fins de recherche, de prospection ou de pêche, de quelque ressource que ce soit, doit être équipé d'une balise satellitaire de positionnement, plus précisément Argos ou Immarsat-C. Le Centre de surveillance des pêches exige la transmission d'au moins 24 positions par jour par navire quelque soit le système utilisé.
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3 – SELECTIVITY CRITERIA: fishing methods with lower than average discard levels

n°	Requirement	Level	Y/N	Remarks
3.1	<p>The targeted species CANNOT be fished by gears which have discard levels higher than 8% in weight terms, considered by FAO 2005 to be the average discard level worldwide. As a reference, priority will be given to FAO 2005 'Discards in the World's Marine Fisheries. An Update'.</p> <p>Is an observers program report concerning this aspect available and what is the percentage of fishing trips covered ?</p>	Essential	Y	<p>According to FAO 2004/2005 (http://www.fao.org/docrep/008/y5936e/y5936e09.htm#bm09.2 and http://www.fao.org/docrep/009/a0477e/a0477e0x.htm) while approximately 9000 Tons of shrimps are caught by the Madagascar Industrial shrimp trawl fishery, 20.000 Tons of fish are discarded by the same fishery. Out of the 20.000 only 3.175 of the bycatch is commercialized, while the rest is thrown away. A by-catch reduction program which aims to reduce discard to a minimum is in place (http://www.fao.org/docrep/w6602e/w6602E09.htm#9.8.4) and a Decree (200-415 of June 2000) requires the fish companies to land a ratio of 1 kg fish to 2 kg shrimp.</p>

n°	Requirement	Level	Y/N	Remarks
				<p>An economic observatory was recently set up to analyze the companies' performance in reaching the specific objectives of the sector.</p> <p><i>Friend of the Sea is waiting for any further available evidence from the Organization</i></p> <p>Further onsite evidence:</p> <ul style="list-style-type: none"> - Verify implementation of bycatch use program. <p>Unavailable information</p> <ul style="list-style-type: none"> - Comment on percentage of bycatch used: <p>The data summaries permitted to give the percentages of capture of the first tide of every boat below on the ground:</p> <ul style="list-style-type: none"> ➤ CSA : shrimps = 83% ; Fishes = 17% ➤ CSU : shrimps = 62% ; Fishes = 38% ➤ CSS : shrimps = 75% ; Fishes = 25% ➤ CSU : shrimps = 79% ; Fishes = 21% ➤ BDA : shrimps = 67% ; Fishes = 33% ➤ BDB : shrimps = 67% ; Fishes = 33% Total : shrimps = 72% ; Fishes = 28% <p>Réglementation:</p> <ul style="list-style-type: none"> - Verify observation program is in place: <p>The qualified observers representing the authority concerned supervise the operations of fishing, to make the necessary statistical summaries, to reach the documents, without embarrassing the work on board.</p>

4 – LEGAL CRITERIA: compliance with local, national and international legislation

n°	Requirement	Level	Y/N	Remarks
	The fleet fishing the audited product must :			
4.1	Respect Total Allowable Catches (TACs), if in place. Last year's TAC has been respected or, in case it has not been respected, at least 2 out of the past 3 years TACs have been respected.	Essential		NA
4.2	Include NO IUU (Illegal, Unreported, Unregulated) fishing vessels.	Essential	Y	None of the Vessels is included in the IOTC IUU vessels list (http://www.iotc.org/English/iuu/search.php)
4.3	Include NO FOC (Flag Of Convenience) fishing vessels.	Essential		NA
4.4	Respect national and international legislation, in particular legislation related to the reduction of the environmental impact of the fishery (such as, but not limited to: <ul style="list-style-type: none"> - vessel registration, - mesh size, - net size, - minimum size, - distance from the coast, - by-catch reduction measures, - no fishing on protected habitat - verify onboard equipment and absence of banned fishing gears and methods, chemical substances, explosives - log book if compulsory 	Essential		<p>Further onsite evidence:</p> <ul style="list-style-type: none"> - Verify that all vessels are registered. (Obtain vessels name list) <p>Below the list of all boats having gotten:</p> <ul style="list-style-type: none"> ➤ the ship's passports delivered by the merchant marine; ➤ the fishing authorizations, and of the licenses bestowed by the ministry of the fishing for this campaign of shrimps fishing 2008: <ul style="list-style-type: none"> - Cap Saint André CSA : <ul style="list-style-type: none"> • National agreement n° MAD 07 04 SV • Autorisation n° 101/2008/PCI • Licence n° 101/IN/A - Cap Saint Augustin CSU : <ul style="list-style-type: none"> • National agreement n° MAD 07 01 SV • Autorisation n° 102/2008/PCI • Autorisation n° 109/IN/B - Cap Saint Vincent CSV : <ul style="list-style-type: none"> • National agreement n° MAD 07 02 SV • Autorisation n° 103/2008/PCI • Licence n°127/IN/C - Cap Sainte Marie CSM : <ul style="list-style-type: none"> • National agreement n° MAD 07 05 SV • Autorisation n° 104/2008/PCI • Licence n° 128/IN/C - Cap Saint Sébastien CSS portant

n°	Requirement	Level	Y/N	Remarks
				<ul style="list-style-type: none"> • National agreement n°MAD 07 03 SV • Autorisation n° 105/2008/PCI • Licence n° 129/IN/C - Baie d'Ambaro BDA portant <ul style="list-style-type: none"> • National agreement n°MAD 07 21 SV • Autorisation n° 110/2008/PCI • Licence n° 114/IN/C - Baie de Boina BDB portant <ul style="list-style-type: none"> • National agreement n°MAD 07 22 SV • Autorisation n° 109/2008/PCI • Licence n° 115/IN/C <p>The licenses 2008 of the 5 trawlers of West REFRIGEPECHE and the 2 trawlers of CRUSTAPECHE have been delivered on 15th April, 2008.</p> <p>Références réglementaires :</p> <ul style="list-style-type: none"> ➤ Arrêté n° 5164/2008 fixant la date d'ouverture de la pêche crevettière pour la campagne 2008 : <ul style="list-style-type: none"> - La campagne de pêche crevettière dans toutes les zones de la côte Ouest et pour toute forme de pêcheries (traditionnelle, artisanale et industrielle est ouverte à partir du 01 Mars 2008 à 00heure. ➤ Agrément sanitaire du 08/09/07 suivant note ministérielle n° 110/Min EL/SG/DGE/DSV/SSPV du 25/03/08 ➤ Décret n° 2000-415 portant définition du système d'octroi des licences de pêche crevettière : <ul style="list-style-type: none"> - La licence de pêche crevettière est un titre donnant droit accès à la ressource crevettière malgache, pour une seule unité industrielle ou une seule unité de pêche artisanale. <p>Verify respect of 20mm max mesh size Verification from data on the ground of the mesh respect by the registrations in the software COSWIN C/S5.23 calling the management of stocks, purchases and outlays of the materials of the store for the maintenances</p>

n°	Requirement	Level	Y/N	Remarks
				<p>of the trawlers before opening country.</p> <ul style="list-style-type: none"> - Verify maximum 500cv power for industrial fishery. ➤ Verification from data on the ground on the motor features of the trawlers, of which below the details: ➤ Cap Saint André (congelator shrimp): <ul style="list-style-type: none"> - Puissance MP 775 CV - Puissance ALT ATT 430 CV - Puissance propulsion 275 CV ➤ For the another 6 trawlers: <ul style="list-style-type: none"> - Puissance propulsion de 250 CV - Puissance électrique 180 CV <p>REGLEMENTATION</p> <ul style="list-style-type: none"> - la pêche maritime dans les eaux territoriales est réservée aux navires malgaches, et sous réserve de reciprocité, aux navires des autres Etats ayant conclu avec la République Malgache des accords particuliers ; - la pratique du chalutage est subordonnée à la possession d'une licence ; - le maillage maximal des chaluts à crevettes est fixé à 20mm de coté et la longueur de corde de dos total des chaluts tractés par un même bateau est limitée à 77m ; - la pêche crevettière est fermé deux (2) mois par an pendant la période de recrutement majeur des populations crevettières exploitées ; - maillage minimum ; - la puissance motrice maximale des unités de pêche artisanale à la crevette est fixée à 25Cv ; - les zones de pêche sont réparties entre les détenteurs de licence, d'après un système d'autorisation de chalutage ; - les armements doivent fournir régulièrement des statistiques d'effort et de capture à l'Administration et aux organismes de recherches halieutiques. <p>Les licences sont délivrées après avis de la Commission</p>

n°	Requirement	Level	Y/N	Remarks
				<p>Interministérielle des Pêches (CIP), commission technique regroupant les représentants des différents ministères concernés directement ou indirectement par la pêche, et qui définit les conditions et les critères de délivrance de licence (disponibilité de la ressource, intégration satisfaisante de la société de pêche dans l'Economie nationale par la construction de base à terre, la participation au capital social d'intérêts nationaux, l'emploi de main d'oeuvre locale). La même commission répartit aussi les autorisations de chalutage par zones de pêche, entre les différents armements.</p> <p>Ultérieurement, les dispositions de l'ordonnance N°93.022 du 4 Mai 1993 ont abrogé celles du Code Maritime relative à la pêche et celles du décret N°94.112 du 18 Février 1994 se sont substituées aux dispositions du décret N°71.238 du 18 Mai 1971. D'après ces nouveaux textes réglementaires :</p> <ul style="list-style-type: none"> - l'accès des eaux malgaches est ouvert aux bateaux de pêche battant pavillon étranger, - la puissance motrice maximale des chalutiers crevettiers industriels est fixée à 500Cv et celle des chalutiers crevettiers artisanaux à 50Cv, - la délivrance de la licence de chalutage est subordonnée au paiement d'une rédevance. <p>MISE A JOUR :</p> <p>La délimitation des zones de pêche est modifiée comme suit :</p> <ol style="list-style-type: none"> 1) ZONE A : ancienne zone I 2) ZONE B : ensemble des anciennes zones II, III et IV 3) ZONE C : ensemble des anciennes zones V, VI, VII, VIII, IX et X 4) ZONE D : ensemble des anciennes zones XI à XIV <p>Pour les renseignements complémentaires, consultez : http://www.madagascar.contacts.com/gapcm http://www.fao.org/fishery/countrysector/FI-CP_MG/6</p>

5 – MANAGEMENT CRITERIA: Monitoring, and precautionary management

n°	Requirement	Level	Y/ N	Remarks
	The Organization should:			
5.1	be managed accordingly to its size and cultural context	Recomm.		Managed according to Madagascar relevant ministry directives. (http://www.fao.org/fishery/countrysector/FI-CP_MG/6)
5.2	Operate following the Precautionary Principle	Recomm.		Madagascar is among the nations which adopted the FAO Code of Conduct for Responsible Fisheries, which incorporate the Precautionary Principle (http://www.fao.org/DOCREP/005/X2220e/X2220e00.HTM)
5.3	Incorporate a monitoring and research process	Recomm.		VMS, Onboard Observers are compulsory for industrial shrimp fishery. Random zone inspections, routing inspections on land and at sea are run routinely.

6- TRACEABILITY:a system is in place

n°	Requirement	Level	Y/N	Remarks
6.1	The Organization guarantees that a specific traceability system is in place in order to demonstrate that the product audited respects all requirements of this Standard and there is no possibility of mix with other products not under certification.	Essential		Verify Onsite Verification from the reports and data on the ground: - Packing storage - Métabisulfite and his storage - Cold stores - Refrigerated containers -Shops and technical arrangements (Groups electro genes) - Transfers of the information on board of the ships. - Material controls

Please register in the following space the traceability test² undergone specifying the relevant data collected :

Lot / batches of end product:



Diagram of manufacture on board of the trawlers:

A - Demand processing:

➤ **Level Bridge:**

- 1 - Capture => length of feature 1/2h to 3h
- 2 - Separation with the foreign bodies
- 3 - Sorting by cash of shrimps and fish
- 4 - Washing with the sea water
- 5 - Rinsing the sea water treated to 2ppm
- 6 - Treatment in the Métabisulfite 6% during 3minutes
- 7 - Calibration
- 8 - Packing
- 9 - Storage in hold to -20°C

➤ **Level Room of treatment:**

- 10 - Etétage
- 11 - Calibration / Sorting
- 12 - Weighing
- 13 - conditionings
- In Inner cardboard
- In barquette
- In tray
- 14 - Ranging

² The traceability test Audits must include a test at the beginning and at the end of one or more batches of the finished product, contemplating suitable mass budgets, bills, invoices and all relevant documents to prove origin of the product and his conformity to the standard

15 - Congelation of the products between -18°C and -24°C

➤ **Level stalls:**

16 - Packing

17 - Storage of the products to -20°C

B - Treatment produces Mix HO:

➤ **Level Bridge:**

1 - Capture => length of feature 1/2h to 3h

2 - Separation with the foreign bodies

3 - Sorting by cash of shrimps and fish

4 - Washing with the sea water

5 - Rinsing the sea water treated to 2ppm

6 - Treatment in the Métabisulfite 6% during 3 minutes

➤ **Level Room of treatment:**

7 - Conditioning in tray

8 - Congelation between -18°C and 24°C

➤ **Level stalls:**

9 - Packing 3 x 6Kg for reprocessing Manufactures

10 - Storage of the products to -20°C

General Additional Comments :

The audit based on the processes while concentrating on the aspects / risks / objectives of importance required by Friend of the sea. The methods of audit used were the following: maintain observation of the activities and exam of the documents and registrations.

West Refrigepeche and Crustapêche have maturity on his system, such as the follow-up of all fishing materials, the infrastructures in place.

More important, it is nevertheless to underline that some either the maturity of organization, it is not necessary to disrespect some important points: respect of legal criteria, insurance of the everlastingness of the activity, and the insurance of the products traceability