# Friend of the Sea Standard

## FOS - Wild Sustainable Fishing Requirements

## **Friend of the Sea** www.friendofthesea.org

REV	DATE	REASON	VALIDATION	APPROVAL
1	18/01/2013	First issue	Paolo Bray	Tools By
2	01/07/2015	Update	Paolo Bray	Tools By
3	30/09/2016	Standards update	Paolo Bray	Tools By
3.1	18/10/2017	Definitions and guidance to standards	Paolo Bray	Tools By

#### **Foreword**

Friend of the Sea is a non-governmental organisation, which was established in 2008. Its aim is to safeguard the marine environment and its resources by incentivising a sustainable market and implementing specific conservation projects.

Friend of the Sea certification program allows assessment of fisheries and aquaculture products according to sustainability criteria and requirements. The certification, granted following an audit by independent certification bodies, ensures that a product complies with the sustainability requirements.

Requirements are classified as Essential, Important or Recommendations, according to their level of importance.

<u>Essential Requirements:</u> 100% conformity to essential requirements is mandatory in order for the certification body to certify the organisation's product. Any lack of compliance with these requirements will generate a Major Non Conformity and the organisation has to undertake effective corrective actions, to be implemented within three months from the issuing of the Non Conformity. The organisation shall provide satisfactory evidence to the certification body of correction of all major non conformities. Six months are allowed exclusively for correction of requirements 2.1 and 2.2, in consideration of their more complex nature.

Important Requirements: 100% conformity to important requirements is mandatory in order for the certification body to certify the organisation's product. Any lack of compliance with these requirements is to be considered as a Minor Non Conformity and the organisation has to propose effective corrective actions (declaration of intents and implementation plan), to be submitted to the certification body within three weeks from the issuing of the non conformity. This proposal shall also include a timetable concerning the implementation of each correction measure. Each proposed corrective action shall be fully implemented within the following 12 months.

<u>Recommendations:</u> Compliance with recommendations is not mandatory for the product to be certified. However compliance with recommendations will be verified during the audit and any deficiency will be included in the Audit Report as a recommendation. The organisation shall inform the certification body, during the following audit, regarding any corrective measures implemented.

Requirements which are not applicable to the audited organisation will be marked with 'N.A.'

## **Description of the Organisation**

This document shall only be filled out by personnel of the certification body in charge of the audit. It shall be filled out in English if spoken fluently.

a) NAME OF TH PT. Windublambangan So	E ORGANISATION TO BE AUDITED: ejati
b) NAME OF TH	E ORGANISATION REQUESTING THE AUDIT:
PT. Windublambang	gan Sejati
c) IS THE ORGA SPECIFY THE	ANISATION TO BE AUDITED PART OF A GROUP? IF SO, PLEASE NAME OF THE GROUP AND LIST ALL MEMBERS:
No	
d) ADDRESS OF	THE ORGANISATION TO BE AUDITED:
68421 Indonesia	PT. Windublambangan Sejati Jl. Gatot Subroto KM 5 No. 18 Banyuwangi - Jawa Banyuwangi
	ONTACTS OF THE PERSON WITHIN THE ORGANISATION FOR THE AUDIT AND CONTACTS WITH THE AUDITOR:
RESPONSIBLE F Mr Ridwan Slamet (Fact	FOR THE AUDIT AND CONTACTS WITH THE AUDITOR:  tory Manager)
Mr Ridwan Slamet (Fact Mr Nanang Utomo	FOR THE AUDIT AND CONTACTS WITH THE AUDITOR:  tory Manager)

## g) **VESSELS AUDITED ON SITE** (the auditor shall list the vessels which have actually been audited on site as sample representing the fleet):

Name of the fishing vessel	Registration number	Unloading harbour
Eka	523/3521/406.024/2019;	Joketro, Trenggalek, East Java
Rahayu	523/3165/406.024/2019;	
Sinar Mentari	523/3188/406.024/2019	
Summer Rejeki	523/2641/406.024/2019;	
putri Arta	523/2638/406.024/20109;	
ATM Baru	523/3118/406.024/2019;	
Doa Dua Putri	523/2650/406.24/2019.	

## **h) FISHING ZONE** (Coordinates and/or FAO area and/or subarea and/or ICES area and/or EEZ. If available, please include a map.):

All marine waters of the Eastern Indian Ocean bounded by a line commencing on the southeast coast of India at 77°00'E longitude where the boundary between the States of Kerala and Tamil Nadu meet at the sea; thence due south to the Equator; thence due east to 80°00'E longitude; thence due south along the meridian 80°00'E to 55°00'S latitude; thence running along this parallel to 150°00'E longitude; thence due north to a point at 37°31'30"S latitude; thence on a rhumb line in a northwesterly direction to meet the southeast coast of Australia at the boundary between the States of New South Wales and Victoria at Cape Howe; thence in a westerly direction round the south, the west and the northwest coasts of Australia to a point at 129°00'E longitude at the boundary between the State of Western Australia and the Northern Territory; thence running due north to 8°S latitude thence due west to 113°28'E longitude; thence due north to meet the south coast of Java at 8°23'S latitude; thence in a westerly direction along the coasts of Java and Sumatra; thence round the coast of Sumatra running south in the Strait of Malacca; thence across the Strait at 2°30'N latitude to meet the coast of the Malay Peninsula; thence in a northerly and westerly direction along the coasts facing the Bay of Bengal to the point of departure.

The Eastern Indian Ocean is divided into the following subareas and divisions:

FAO 57-2

A description of the area and its subareas and divisions follows.

All marine waters of the Eastern Indian Ocean bounded by a line commencing on the southeast coast of India at 77°00'E longitude where the boundary between the States of Kerala and Tamil Nadu meet at the sea; thence due south to the Equator; thence due east to 80°00'E longitude; thence due south along the meridian 80°00'E to 55°00'S latitude; thence running along this parallel to 150°00'E longitude; thence due north to a point at 37°31'30"S latitude; thence on a rhumb line in a northwesterly direction to meet the southeast coast of Australia at the boundary between the States of New South Wales and Victoria at Cape Howe; thence in a westerly direction round the south, the west and the northwest coasts of Australia to a point at 129°00'E longitude at the boundary between the State of Western Australia and the Northern Territory; thence running due north to 8°S latitude thence due west to 113°28'E longitude; thence due north to meet the south coast of Java at 8°23'S latitude; thence in a westerly direction along the coasts of Java and Sumatra; thence round the coast of Sumatra running south in the Strait of Malacca; thence across the Strait at 2°30'N latitude to meet the coast of the Malay Peninsula; thence in a northerly and westerly direction along the coasts facing the Bay of Bengal to the point of departure.

(Subarea 57.2)

The waters bounded by a line commencing at 5°00'N latitude, 85°00'E longitude and running due east to the northern tip of the coast of Sumatra; thence in a southeasterly direction round the coast of Sumatra; thence across the marine waters between Sumatra and Java commencing on the coast of Sumatra at the boundary between the District of Lampung Utara and the District of Lampung Selatan at 5°31'S latitude, 104°33'E longitude and running along a rhumb line between Cape Tjuku Redak on the mainland of Sumatra and Cape Batu Kebucung on the Island of Tebuan to the position 6°15'S latitude, 105°04'E longitude; thence along a rhumb line between Cape Parat on the Island of Panaitan and the southeastern tip of the Island of Rakarta to the western coast of Java at the boundary between the District of Lebak and the District of Serang at 6°23'S latitude, 105°49'E longitude; thence running due east along the coast of Java to the boundary between the districts of Jember and Banyuwangi at 8°23'S latitude, 113°28'E longitude; thence due south to parallel 15°00'S; thence running due west to 80°00'E longitude; thence due north to 3°00'N latitude; thence due east to 85°00'E longitude; thence due north to 5°00'N latitude at the point of departure

Common Name	Scientific Name
OCTOPUS	Octopus Cyanea
j) TOTAL NUMBER OF EMPLOY	EES:
106	
k) ENVIRONMENTAL CERTIFIC	ATIONS AND AWARDS
ily and a control of the control of	
) STAKEHOLDERS ENGAGEMEN	т.
Before or during the audit, the CB shall info	rm all the relevant stakeholders about the audit of the applicant
organisation and recommend their input. Pl	ease provide the list of all contacted stakeholders below:
STAKEHOLDERS IN TRENGGALEK FOR OCTOPUS	:
STAKEHOLDERS IN TRENGGALEK FOR OCTOPUS  1. Trenggalek Fishery Management Authority: P	
1. Trenggalek Fishery Management Authority: P	
1. Trenggalek Fishery Management Authority : P Phone and Whatsapp No : +6281335159310	
<ol> <li>Trenggalek Fishery Management Authority: P</li> <li>Phone and Whatsapp No: +6281335159310</li> <li>Fishermen Representatives: Pak Koiman</li> </ol>	
<ol> <li>Trenggalek Fishery Management Authority: P Phone and Whatsapp No: +6281335159310</li> <li>Fishermen Representatives: Pak Koiman Phone: +6282249153126</li> </ol>	
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1. Trenggalek Fishery Management Authority: P Phone and Whatsapp No: +6281335159310 2. Fishermen Representatives: Pak Koiman Phone: +6282249153126 Whatsapp: +6282146027831  m) ADDITIONAL INFORMATION	ak Purnomo

The Friend of the Sea project was introduced (If not, the auditor shall provide a short description)
The organisation and the ship owners were informed of the opportunity, in case of approval, of using the Friend of the Sea logo on the certified products
The organisation has a document qualifying and confirming the roles of the staff carrying out the audit
The duration of the audit was agreed upon
The information included in the Preliminary Information Form (PIF) has been confirmed (in case of changes to the PIF, an updated version has to be promptly provided)

CERTIFICATION BODY: London Associati ltd.	AUDIT TEAM: Pierluigi Monticini	AUDIT START AND END DATE: 2nd Sep, 2020 12:00 AM CEST
SIGNATURE OF AUDITOR:  LONDON ASSOCIATI  LONDON ASSOCIATI  ASSOCIATION	NAME OF THE PERSON IN CHARGE OF THE ORGANISATION AND ACCOMPANYING THE AUDITOR DURING mr Ridwan Slamet( Factory Mahager) MR Nanang Utomo	AUDIT CODE:

#### NOTES TO THE AUDITOR

- 1) The auditor shall fill out all fields in the checklist.
- 2) Checklist compilation guidelines are highlighted in the blue boxes.
- 3) The Auditor shall provide an explanation when requirements are not applicable.
- 4) The Auditor shall write YES when the organisation complies with a requirement and NO when it does not.
- 5) The Auditor shall comment and explain the positive or negative answers. Simple "YES," "NO," or "N.A." are insufficient.
- 6) Each relevant document shall be added to the final audit report in a separate and numbered attachment.
- 7) Photographic evidences added to the checklist or attached are appreciated.
- 8) In the present document 'organisation' is used to refer to the unit of certification.

#### 1 STOCK STATUS

No.	Requirement	Level	Parameters and information	Y/N	Comments
1.1	The state of the stock under consideration shall be assessed by the fisheries management organisation.	Essential	The fishery shall demonstrate to collect data in accordance with applicable international standards (e.g. Coordinating Working Party on Fishery Statistics, the FAO Guidelines for the routine collection of capture fishery data, FAO Fisheries Technical Paper No. 382; Deep Sea Fishery (DSF) in the High Seas, FAO Programme).		Statistic of Marine Capture Fisheries by Fisheries Management Area (FMA), 2015-2014. Octopus landing for East Java, 2014, 531 MT, 2013, 12 MT, 2012, 13 MT, 2011, 31 MT. ISSN:977235461200 Capture Fisheries Statistic of Indonesia, 2014, ISSN:1858-0505. (2014, 750 MT). http://www.fao.org/fishery/species/3571/en http://www.fao.org/fishery/static/Yearbook/YB2014_CD_Master/navigation/index_intro_f.htm Page 37/105 item 57 (Octopus) Stock assessment as per Captures Fisheries Statistic of Indonesia, 2016, Ministry of Marine Affairs and Fisheries Republic of Indonesia official web site: NOMOR 50/KEPMEN-KP/2017. No data on octopus for WPPRI 57-3 (FAO 57-2) - (Annex 1.1.).

The fisheries management organisation is an institution responsible for fisheries management, including the formulation of rules governing fishing activities. The fishery management organisation may also be responsible for collection of information, its analysis stock assessment, monitoring, control and surveillance.

FAO 1997: FAO Technical Guidelines for Responsible Fisheries.

1.1.1	The stock under consideration shall NOT be data deficient  The stock under consideration shall NOT be over-exploited.	Essential	$F \le F_{msy}$ within probability range of	N.A.	Stock data under consideration is not data deficent. Statistic of Marine Capture Fisheries by Fisheries Management Area (FMA), 2015-2014. Octopus landing for East Java, 2014, 531 MT, 2013, 12 MT, 2012, 13 MT, 2011, 31 MT. ISSN:977235461200 (annex 1.1.1).  As the fishermen is using hook, fishing
	be over-exploited.		available stock assessments or at least F ≤ Fiim (limit reference point – or its proxy)  If overfishing of a stock under consideration of a certified fishery occurs, the certification of this fishery is suspended or revoked.		area is 0.5 — 18 KM from shoreline, hence the impact is minimal, with low season (minimum octopus fishing activities from Feb — Aug). FAO Statistical Area 57 ftp://ftp.fao.org/docrep/fao/007/y58 52e/Y5852E23.pdf. Page 17/23, state of Octopodidae, state of Exploitation: Moderate. Stock assessment as per Captures Fisheries Statistic of Indonesia, 2017, Ministry of Marine Affairs and Fisheries Republic of Indonesia official website: NOMOR 50/KEPMEN-KP/2017.  No statistical study on octopus. (annex 1.1.2.).
1.1.3	The stock under consideration shall NOT be over-Fished.	Essential	B ≥ B <sub>msy</sub> within probability range of available stock assessments or at least B>B <sub>lim</sub> (limit reference point – or its proxy).  If the stock under consideration of a certified fishery becomes overfished, the certification of this fishery is suspended or revoked.		As the fishermen is using hook, fishing area is 0.5 — 18 KM from shoreline, hence the impact is minimal, with low season (minimum octopus fishing activities from Feb — Aug). FAO Statistical Area 57 ftp://ftp.fao.org/docrep/fao/007/y58 52e/Y5852E23.pdf. Page 17/23, state of Octopodidae, state of Exploitation: Moderate. Stock assessment as per Captures Fisheries Statistic of Indonesia, 2017, Ministry of Marine Affairs and Fisheries Republic of Indonesia official website: NOMOR 50/KEPMEN-KP/2017.  No statistical study on octopus. (annex 1.1.2.).

All the requirements related to the current status and trend of the stock under assessment shall include data of bycatch, discards, unobserved mortality, incidental mortality, unreported catch, and catch outside of the unit of certification.

Up-to-date data and/or information on the stock status is available from one of the following: FAO, Regional Fisheries Management Organisation, Marine Research National Authority, University, other independent research institute. Other information may include generic evidence based on similar stocks, when specific information on the stock under consideration is not available, providing there is low risk to the stock under consideration in accordance with the Precautionary Approach.

114 -		Eti-l	December	
stat con: avai	e methodology of assessment of the tus and trends of the stock under isideration shall be made publicly bilable in a timely manner.	Essential	Documental evidence  Weight of catches by	FAO Statistical Area 57 ftp://ftp.fao.org/docrep/fao/007/y58 52e/Y5852E23.pdf. Page 17/23, Octopodidae, state of Exploitation: Moderate (annex 1.1.4.).
artis to la If the requipres mor of the	isanal fisheries (i.e. it is not applicable arge-scale fisheries and fleets)  he organisation complies with all the juirements of the standard in the esent document and does not catch re than 10% of the total catch (weight) the stock under consideration, juirements 1.1.2., 1.1.3. do not apply.	Essential	fishery with same fishing method as the one under assessment is not over 10% of total catch from the same stock.	The facility bought octopus from Trenggalek area from small scale and artisanal fisheries using hook, Jan — Dec 2018, total tonnage bought 180 MT (Octopus vulgaris). Jan — Dec 2019, total tonnage bought 191 MT (Octopus vulgaris). Jan — July 2020, total tonnage bought 8 MT (Octopus vulgaris). The fishing area was from 0.5 - 18KM from the shore. FAO Statistical Area 57 ftp://ftp.fao.org/docrep/fao/007/y 5852e/Y5852E23.pdf. Page 17/23, Octopodidae, state of Exploitation: Moderate. Data landing from FAO for Thailand/Malaysia/Indonesia in 2012: 14,00MT. Hence for 180 MT, 191 MT and 8 MT is consider negligible. (annex1.2.)

The auditor shall fill-in requirement 1.2 ONLY in case of negative answer to the requirement 1.1.

The aim of this requirement is to allow certification of small-scale artisanal and/or traditional fisheries targeting stocks which might have been overfished by bigger scale vessels and fisheries.

Small-scale fisheries are here intended as those using fishing crafts with size < 24 m and/or engine <375 kW.

Large-scale fisheries are intended as those using fishing crafts with size  $\geq$  24 m, engine  $\geq$ 375 kW, vessels with freezing facilities and/or factory vessels (i.e. ocean-going vessels with on-board facilities for processing and freezing).

## **2 ECOSYSTEM and HABITAT IMPACT**

No.	Requirement	Level	Parameters and Information	Y/N	Comments
2.1	Current data and/or other information are collected and updated about the effects of the fishery under assessment on the ecosystem structure and habitats vulnerable to damage by fishing gear, also considering the role of the stock in the food web (e.g. key prey or predator species).	Important	Data collection shall be in accordance with international standards (e.g. CWP and DSF in the High Seas, FAO Programme).  The data and analysis may include local, traditional or indigenous knowledge and research, providing its validity can be objectively verified.  The methodology and results of the analysis of the most probable adverse impacts of the unit of certification on the ecosystem are made publicly available in a timely manner, respecting confidentiality where appropriate.	Y	https://pusluh.kkp.go.id/index.php/arsip/c/3003/PERMEN-KP-NOMOR-71PERMEN-KP2016TENTANG-JALUR-PENANGKAPAN-IKAN-DAN-PENEMPATAN-ALAT-TANGKAP-IKAN-DI-WILAYAH-PENGELOLAAN-PERIKANAN-NEGARA-REPUBLIK-INDONESIA/. From Ministry of Marine Affairs and Fisheries, RI, page 10 on fishing method, page 12, fishing vessel that affect environment and fishing method. 3.Page 35:monitoring and evaluation on fishing gears. This information is available at Ministry of Marine Affairs and Fisheries website.(annex 2.1.).
2.2	The fishery or fleet complies with Marine Protected Areas regulation.	Essential	Verify compliance also by use of VMS and plotters tracking and World database www.mpaglobal.n etc	Y	www.mpaglobal.netc No MPA identified in Trenggalek area. http://kkji.kp3k.kkp.go.id/index.php/d okumen/finish/47-buku-cetakan- 2013/522-buku-informasi-kawasan- konservasi-perairan-indonesia . No MPA regulation in Trenggalek area (annex 2.2.).

The auditor, through random sampling, using the Satellite Control System on the vessels or valid alternative evidence, shall verify that the fishing activity is not carried out in infringement of Marine Protected Areas (MPA). Alternatively an official declaration from local Control Authorities shall be produced. The Auditor shall provide a list of Protected Marine Areas in the area (refer to www.mpaglobal.org).

2.3	The fishery or fleet shall use fishing gears that do not affect the seabed unless proven that such impact is negligible.  uditor shall collect conformity evidence.	Essential	The seabed and benthic communities shall return to their original conditions within a maximum of 30 days from the impact of the fishing gear on the seabed.	Y	The facility use hook for fishing octopus. Seabed and benthic communities no affected.
2.4	The organisation has requested or conducted an assessment of the impact of its fishing activities on essential habitats for the stock under consideration and on habitats vulnerable to damage by the fishing gear.	Recommenda tion	Studies made available by the competent FMO can be used. These studies shall consider the impact of the fishery on the ecosystem and shall be considered when producing management advice.	Y	Fishing by hook are not causing damage to the ecosystem. Fishing vessel < 5 GT.

## **3 GEAR SELECTIVITY**

No.	Requirement	Level	Parameters	Y/N	Comments
			and information		
3.1	Accidental catches (bycatch) shall not include species listed in the IUCN red list of endangered species as Vulnerable or higher risk.  The IUCN assessment shall have been carried out no more than 10 years before.	Important	Bycatch studies shall have been carried out by the relevant bodies (FAO or RFMOs or National Authorities or Universities) and they shall provide information regarding level of bycatch and bycaught species	Y	Layur (Trichiurus lepturus), grouper (Epinephulus spp), Baby Tuna (Thunnus albacaras). The above by catch were not underIUCN red list. The facility has landing data since 2018 - 2020 . Total octopus catches for Jan — Dec 2018, 180 MT, total by catch 1.5 MT, % by catch 0.83%. Total octopus catches for Jan — Dec 2019, 191 MT, total by catch 1.0 MT, % by catch 0.52%. Total octopus catches for Jan — July 2020, 7.5 MT, total by catch 0 MT, % by catch 0 % (annex 3.1.).
			These studies shall not indicate the presence of species vulnerable or higher risk among the regularly caught (over 0.25% of total weight) species according to www.iucnredlist.		
3.1.1	The organisation collects and maintains current data and/or other information about the effects of the fishery on endangered species, non-target catches and discards.	Essential	Traditional, fisher or community knowledge can be used as reference, provided its validity can be objectively verified	Y	This traditional fisherman using hook to catch octopus. By catch product very limited and no IUCN red list species were caught from the facility data.
effects actual www.i	s of the fishery on non-target stocks. ly occurred on site at the time of unlo	The information and in the list	on included in the is shall also be com	list sha pared v	ught accidentally, and an assessment of the Il be compared with the accidental catches with the database of the IUCN red list he accidentally caught species is included in
3.2	The level of discard shall not be over 8% of total catch (in weight).	Essential	Discards are bycaught species which are not used for human consumption not for fish meal or fish oil production.	Y	From facility data, there was no discard species (annex 3.2.).

3.3.1	The fleet or fishery shall provide a census of number of all fish aggregating devices (FADs) deployed during the previous 12 months and shall report on a yearly basis to Friend of the Sea regarding FADs deployment per vessel.  Only applicable to fisheries and fleet targeting tuna. N/A to fisheries targeting any other species	Important	Auditor shall collect the data provided by the fleet or fishery and attach it to the audit report	N.A.	N/A. This is an octopus catching boat using hook.
3.3.2	The fleet shall use non entangling FADs only, to avoid entanglement of sharks, turtles and other non-target species.  Only applicable to fisheries and fleet targeting tuna. N/A to fisheries targeting any other species	Important	Audit shall collect evidence including pictures of FADs, purchase invoices with technical specifications to prove compliance.	N.A.	N/A. This is an octopus catching boat using hook.

## **4 LEGAL CONFORMITY**

N°	Requirement	Level	Parameters and information	Y/ N	Comments
4.1	All fishing vessels shall be officially registered.	Essential	Vessel registration and fishing license inspection.	Y	All fishing fleet were registered with Marine & Fisheries Department, Trenggalek District, East Java.(annex 4.1.).
					n number. The Auditor shall collect on ts (copies of photos of the documents)
4.2	The fleet does not include vessels with a flag of convenience.	Essential	The auditor shall verify that each vessel is not registered to another Nation identified as Flag of Convenience (http://www.itfs eafarers.org/focregistries.cfm).	Y	All 53 fishing boat were registered under Marine & Fisheries Department, Trenggalek District, East Java, Indonesia. The permit was renewed on yearly basis. (Permit refer to clause f ) - (annex 4.2.).
The Audit	tor shall verify according to the web	site http://w	ww.itfseafarers.org	/foc-re	gistries.cfm.
4.3	The fleet does not include IUU (illegal, unreported, unregulated) fishing vessels.	Essential	The vessels cannot be included in the list <a href="http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:0">http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:0</a> J.L .2015.199. 01.0012.01.EN G	Y	The 53 fishing boat are of small capacity (< 5 GT) which is not included in the IUU lists. (annex 4.3.).

RFMO.			,,		el list made available by the competent
4.4	The fleet shall be "Dolphin Safe" approved by the Earth Island Institute.  Only applicable to fisheries and fleet targeting tuna. N/A to fisheries targeting any other species	Essential	The organisation shall be included in the Dolphin-Safe list of the Earth Island Institute:  www.dolphinsafe tuna.org	N.A.	NA. The fleet is for octopus and using hook.
	tor shall verify the conformity on the		alphinsafetuna.org o	r else t	he company shall sign the EII DS Policy
4.5	The organisation complies with national and international fisheries regulations.  Compliance with the following regulations in particular has to be confirmed and verified:	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable indicators.	Y	The organization complies with national and international fisheries regulations and laws. This is an artisanal fisherman using hook, fishing area is 0.5 to 18 KM from shoreline. (annex 4.5.).
4.5.1	TAC (Total Allowable Catches)	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable limits.	Y	Ministry of Marine Affairs and Fisheries Republic of Indonesia official web site: NOMOR 50/KEPMEN-KP/2017  Octopus was not mentioned in the total allowable catches. http://www.fao.org/fishery/countrypr ofiles/search/en. Marine captured fisheries in 2009: 4.8 million MT (included fish, molluscs and cephalous - (annex 4.5.1.).
4.5.2	Use of a logbook	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable indicators.	Y	The Indonesia government required a fisherman to update fishing gears and fishing aids under NOMOR 71/PERMEN-KP/2016 (BAB VI, page 32) -(annex 4.5.2.).
4.5.3	Minimum net mesh size	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable indicators.	N.A.	NA. There were Management of mesh size, net size and minimum size, vessel size, fishing gears, fishing area and distance from shores line were details in NOMOR 71/PERMEN-KP/2016. All these were monitor by the Department of Fisheries local unit. However, for octopus fishing, the fishing boat are using hook, no net is used. (annex 4.5.3.).

4.5.4	Net size	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable indicators.	N.A.	NA. There were Management of mesh size, net size and minimum size, vessel size, fishing gears, fishing area and distance from shores line were details in NOMOR 71/PERMEN-KP/2016. All these were monitor by the Department of Fisheries local unit. However, for octopus fishing, the fishing boat are using hook, no net is used. (annex 4.5.4.)
4.5.5	Minimum legal size of the target species	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable indicators.	N.A.	NA. There were Management of mesh size, net size and minimum size, vessel size, fishing gears, fishing area and distance from shores line were details in NOMOR 71/PERMEN-KP/2016. All these were monitor by the Department of Fisheries local unit. However, for octopus fishing, the fishing boat are using hook, no net is used. (annex 4.5.5.).
4.5.6	Distance from the shore	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/	Y	Under NOMOR 71/PERMEN-KP/2016 (Attachment page 41, Clause 31, page 28) stated distance from the shore for fishing area IA, IB, II & III in WPPNRI 57-3 was minimum 0 to max 12 Mile. (annex 4.5.6.).
4.5.7	Measures for the reduction of accidental catches	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable measures.	Y	The facility has 12-month data from Jan to Dec 2018. Total by catch 1.5 MT out of 180 MT, 0.83%. The facility has 12-month data from Jan to Dec 2019. Total by catch 1.0 MT out of 191 MT, 0.52%. The facility has 7-month data from Jan to July 2020. Total by catch 0 MT out of 7.5 MT, 0%.
4.5.8	No fishing in protected habitats	Essential	Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable	Y	Trenggalek do not have protected habitat, Refer to clause 2.2. (annex 4.5.8.)
4.5.9	Use of forbidden gears, chemical substances and explosives	Essential	indicators.  Countries' fisheries laws are available on the website FAO http://www.fao. org/faolex/en/  The auditor shall specify applicable	Y	Under NOMOR 71/PERMEN-KP/2016 (BA 5, clause 21 page 12) stated that no illegal and potential damaging fishing gear to be used in environment and fisheries biota. The octopus fleet do not use forbidden gears, chemical substances and explosives (annex

The auditor shall verify, according to fisheries national and international regulations, that the aforementioned legal requirements are met and provide an exhaustive report with reference to the law. Where possible, the auditor shall provide

documents and photographs. A detailed description of the fishing regulation concerning each Country is available on FAO's website <a href="http://www.fao.org/faolex/en/">http://www.fao.org/faolex/en/</a>

### **5 – FISHERY MANAGEMENT**

No.	Requirement	Level	Parameters and information	Y/N	Comments
5.1.1a	A fishery management organisation, that holds a legal mandate in compliance with national and international laws, manages, by means of a Fishery Management Plan (FMP), the fishery of which the fishery or fleet under audit is a part.	Essential	The organization shall provide a copy of the FMP.  A map of existing RFMOs is available at http://www.fa o.org/figis/ge oserver/factsh eets/rfbs.html  In addition, national fishery ministries and authorities can be considered, e.g. Fisheries Management Organisations (FMO).	Y	Statistic of Marine Capture Fisheries by Fisheries Management Area (FMA), 2015-2014. Octopus landing for East Java, 2014, 531 MT, 2013, 12 MT, 2012, 13 MT, 2011, 31 MT. ISSN:977235461200 Capture Fisheries Statistic of Indonesia, 2014, ISSN:1858-0505 (2014, 750 MT) http://www.fao.org/fishery/species/3571/en http://www.fao.org/fishery/static/Yearbook/YB2014_CD_Master/navigation/index_intro_f.htm Page 37/105 item 57 (Octopus) Stock assessment as per Captures Fisheries Statistic of Indonesia, 2016, Ministry of Marine Affairs and Fisheries Republic of Indonesia official web site: NOMOR 50/KEPMEN-KP/2017. No data on octopus for WPPRI 57-3 (FAO 57-2)
5.1.1b	If the stock under consideration is a transboundary fish stock, straddling fish stock, highly migratory fish stock or high seas fish stock, a bilateral, sub regional or regional fisheries organisation or arrangement is in place.  States and entities in the arrangement shall collaborate in the management of the whole stock unit and bycaught or discarded species over their entire area of distribution.  The arrangement shall ensure the rights of the small-scale fishing communities are granted.	Essential	Evidence of conformity.  In case this is not applicable, provide justification.	Y	Undang-Undang No.21 Tahun 2009 tentang Pengesahan Agreement for the Implementation of the Provisions of the United Nations Convention on the Law of the Sea of 10 December 1982 Relating to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks. No octopus mentioned in this agreement. The stock under consideration is octopus which is not a transboundary fish stock, straddling fish stock, highly migratory fish stock or high sea fish stock. No requirement from the Ministry of Marine Affairs and Fisheries towards the octopus.

5.1.1c	The fishery management organisation convenes regularly to update its management advices according to the most updated data.	Essential	Evidence of meetings frequency.	V r k 2 f	The fisheries department regularly met with the fisherman to update the latest egulation, NOMOR 50/KEPMEN-KP/2017. NOMOR 71/PERMEN-KP/2016 The facility conduct meeting or 2020.7.23 to Trenggalek octopus ishermen, meeting record F/PGA/043, Rev 00, dated 2014.1.2
complia	ditor shall verify and describe briefly the lance with local laws and regulations.  hing company or organisation may also be ded their performance can be objectively ve	e part of traditio			
5.1.2	The fisheries management system (FMS) under which the fishery or fleet under audit is managed shall be <b>both</b> participatory and transparent, to the extent permitted by national laws and regulations.	Essential	Information and advice used in FMS decision-making is publicly available. A consultation process regularly seeks and considers relevant information.  Consultation with Deep Sea fishers shall be carried out when applicable.	2 f F C	The facility conduct meeting on 2020.7.23 to Trenggalek octopus ishermen, meeting record F/PGA/043, Rev 00, dated 2014.1.2 Review on FAO Code of Conduct, Labour Law no 12, 2003, Number 50/KEPMEN-KP/2017, Number 71/PERMEN-KP/2016 (annex 5.1.2).
5.1.3	Small-scale fishing communities and deep- sea fishers shall be involved in the planning and implementation of management measures affecting their livelihood, as appropriate.	Important	Evidence of involvement of local communities.  E.g. monitoring and control of fishing activities, protected areas	t r c	n Trenggalek area, all fishermen are raditional fishermen, boat size of 7 - 9 M, engine 15 Hp, using hook for octopus fishing, catching area are 0.5 to L8 KM from the shoreline, returning on he same day. No deep sea fishermen around thearea.
5.2.1	A precautionary approach is applied through the FMS to protect the target stock and its habitat and preserve the marine environment.	Important	Procedure and evidence of conformity.	F V F	Indonesia is among the nations which adopted the FAO Code of Conduct for Responsible Fisheries, in March 1999, which Incorporate the Precautionary Principle to protect the target stock and its habitat and preserve the marine environment
5.2.2	Management measures specify the actions to be taken in the event that the status of the stock under consideration (with special consideration to deep-sea stocks) drops below a level consistent with achieving management objectives.  These measures shall prompt the restoration of the stock to such levels within a reasonable timeframe.	Important	Procedure indicating target reference points and timeframe.	r f f -/ r lı	There were Management of mesh size, net size and minimum size, vessel size, ishing gears, fishing area and distance from shores line were details in NOMOR 71/PERMEN-KP/2016. All these were monitor by the Department of Fisheries local unit. However, for octopus fishing, he fishing boat are using hook, no net is used. Main octopus production month is from Sept to Jan (annex 5.2.2.)

5.2.3	Efficacy of management measures and their possible interactions is kept under continuous review.	Essential	Evidence of periodical reviews of the management measures shall be provided.	Y	The facility conduct meeting on 2020.7.23 to Trenggalek octopus fishermen, meeting record F/PGA/043, Rev 00, dated 2014.1.2 Review on FAO Code of Conduct, Labour Law no 12, 2003, Number 50/KEPMEN-KP/2017, Number 71/PERMEN-KP/2016 (annex 5.2.3.).
	ditor shall verify if the Country the flag of ganisation shall include a precautionary ag				
5.3	The compliance with fishery regulations is achieved through monitoring, surveillance, control and enforcement.	Essential	Procedure and evidence of monitoring and control by the fishery management authority.	Υ	NOMOR 71/PERMEN-KP/2016; NOMOR 50/KEPMEN-KP/2017; Both procedures were control and implemented by local Fisheries Officer (annex 5.3.).
	iditor shall describe briefly the monitoring tivities undertaken by the fishery enforcen				methods and provide the evidences of
5.4	The fleet or fishery shall record bycatch during every fishing trip.  The fleet or fishery shall record discards.	Essential	Procedure and evidence of recording during at least one fishing trip.  Procedure and evidence	Y	Procedure Handling of Catch and By Catch P/QA/030, Rev 00, dated 2020.1.3. The facility monitor catch and by catch on every vessel, Form F/PBB/010, Rev 00 dated 2016.1.16. e.g. Fishing Vessel: Cahaya Mulya, Owner : Katiyun, 2019.4.9, total landed 92kg, octopus 90kg, by catch: Layur 2kg (annex 5.4.).
			and evidence of conformity		Catch P/QA/030, Rev 00, dated 2020.1.3. There is no discard in hook fishing. All by catch has economic value. (annex 5.5.).
5.5.1	Bycatch and discard data shall be made publicly available by either the FMO or the organisation.	Recommendatio n	Procedure and evidence of conformity	Y	Procedure Handling of Catch and By Catch P/QA/030, Rev 00, dated 2020.1.3 and by catch data were available in file and anybody can refer to the file at octopus collection centre. (annex 5.5.1.).
<b>5.6</b>	A management system to prevent possible accidental catch and significant negative impacts of endangered species shall be in place.	d discards repor	Procedure, performance indicators and evidence of conformity.	Y	Procedure Handling of Catch and By Catch P/QA/030, Rev 00, dated 2020.1.3. Point No 3 on accidental catch and significant negative impacts of endangered species. So far there was no record of accidental catch and endangered species. (annex 5.6.)

5.7	The organisation implements a management program to reduce the accidental catch of non-target species, including procedures for the release of live animals under conditions that guarantee high chances of survival.	Essential	Procedure, performance indicators, and evidence of conformity.	Y	Procedure Handling of Catch and By Catch P/QA/030, Rev 00, dated 2020.1.3. Point No 3 on accidental catch and significant negative impacts of endangered species. So far there was no record of accidental catch and endangered species.(annex 5.7.).
on no	auditor shall provide documental evidence on-target species and endangered fauna (i istent with achieving management objectiv	.e. IUCN listed).			
5.8	The fleet is equipped with measures that guarantee a quick retrieval of lost fishing gears to avoid 'ghost fishing'.	Essential	Procedure and evidence of conformity.	Υ	Procedure for Handling Lost & Unused Fishing Devices, P/QA/033, Rev 00, dated 2020.1.3. Monitoring Form On Fishing Devices, F/PBB/012, Rev 00 dated 2016.1.16. Record for Jan to Dec 2019 were checked. No loss of fishing devices. Hook were repair regularly where there is any damage.(annex 5.8.).
The a	uditor shall obtain a copy of the procedure	es.			
5.9	The fleet has a full-time on-board independent observer who reports compliance with Friend of the Sea requirements. In alternative a CCTVs system has been deployed and it is accessible by the auditor to verify compliance with Friend of the Sea requirements.  Only applicable to large-scale vessels and fleets. Not applicable to small-scale artisanal fisheries.	Important	Documental evidence of employment. At least one monthly report of the on-board inspector.	N.A.	NA. The facility is a small vessel
	uditor shall verify the presence of the obsolefinition for large-scale fisheries in section		ain their CV and c	ontact	s.
5.10	Outcome indicator(s), including target and limit reference points, are defined for all management objectives related to the conservation of the stock under consideration.  Management objectives take into account the best scientific evidence available	Essential	Target reference points. e.g maximum sustainable yield (MSY, or a suitable proxy) or a lesser fishing mortality if that is applicable to the fishery.  Marine resources exploited in deep-sea fisheries in the high seas have low productivity, thus biological reference	Y	Assessment for Available Biomass in Indonesian Sea is done by FAO ftp://193.43.36.93/docrep/fao/007/y5552e/Y5852E23.pdf There is no data for Indonesia in FAO 57 (page 13/23. The facility is only involved in octopus fishing, there is an octopus fishing season from Sept to Jan, other months there is no octopus fishing in that area.

5.11	There are clear management objectives, outcome indicators and measures defined and periodically reviewed by means of risk assessment to avoid, minimize, or mitigate impacts on:	Procedure, outcome indicators, action taken and outcomes.		Based on site audit and catching data, there is no bigger fishing vessel operating in this area, fishermen are using small fishing vessel and trammel net which will not cause damage to the environment. There is a distinct fishing season for shrimp/prawn. No chemical is use in catching shrimp; fishermen only bring with them ice to maintain catch temperature. Fishing vessel comes back every day thus the catch is fresh and quality are good.
5.11.1	Essential habitats for the stock of consideration, and vulnerable ecosystems, including those potentially impacted by Deep-Sea fisheries		N.A.	No deep sea fisheries in this area, hence the ecosystem and habitats are not impacted
5.11.2	Endangered species		N.A.	No endangered species were found in the by catch.
5.11.3	Non-target stocks		N.A.	Some by catch fishes were occasionally caught but all with economic value and total by catch is <2.5%.
5.11.4	Dependent predators and/or preys		N.A.	No preys or predators were encounter by fishermen
5.11.5	Ecosystem structure and processes		N.A.	Ecosystem are maintain, minimum destruction as the trammel net is hanging in the water column.
5.12	A yearly reviewed Ecosystem Approach to Fisheries is in place	 Documental evidence	Y	The last reviewed Ecosystem Approach to Fisheries is August 2020 (annex 5.12).
5.13	Fisheries management approaches, plans and strategies are an integral part of integrated coastal management, and/or ocean management for oceanic fisheries.	Documental evidence	Y	The facility will follow government management on sustainable fisheries management, law and regulation on fishing vessel will be strictlyobserved. The regulatory and competent authority is "Ministry of Marine Affairs and Fisheries Republic Indonesia"  Website:http://www.kkp.go.id/index.php Relevant regulation could be found in link below: http://infohukum.kkp.go.id/tampil1_uu.php Specific regulation: Undang-Undang No.21 Tahun 2009 tentang Pengesahan Agreement for the Implementation of the Provisions of the United Nations Convention on the Law of the Sea of 10 December 1982 Relating to the Conservation and Management of Straddling Fish Stocks and Highly Migratory Fish Stocks. Peraturan Menteri Kelautan dan Perikanan No: PER.13/MEN/2012 Certificationofseacaught products. NOMOR 71/PERMEN-KP/2016 (Potential, Estimation, Total Catches and Fish Resource Management) http://kkji.kp3k.kkp.go.id/index.php/basisdata-kawasan-konservasi/details/1/83 FAO website: ftp://www.fao.org/tempref/FI/DOCUMENT/fcp/en/FI_CP_ID.pdf The regulation above which fully encompasses the legal and administration framework for fisheries management, licensing of commercial operations, and contains provision for quota management. (annex 5.13).

The auditor shall provide evidence of the reference values targeted and implemented. These can, in some cases, be threshold reference limits and precaution limits set by regional bodies.

The management measures implemented by the management system of the organisation shall be based on the best available scientific evidence. Any traditional or scientific knowledge can be used within the management system, given that it can be objectively verified by the auditor

## **6 WASTE MANAGEMENT**

No.	Requirement	Level	Parameters and information	Y/N	Comments
6.1	The organisation recycles, re-uses or re- processes all materials used during fishing, conservation and transport of the fish up to the selling point, including packaging.	Essential	Procedure and evidence of conformity.	Y	The fishing boats are all artisanal fishing boat which use hook, going out in the morning and coming back in the afternoon. The boats bring insulated container and ice for octopus packing. No other packaging use.(annex 6.1.).
6.2	The organisation implements measures to prevent dispersion of waste at sea (including fuels and lubricants and plastic materials)	Essential	Procedure and evidence of conformity.		Fuel tank were filled up before going out to the sea. (annex 6.2.).
6.3	The organisation utilises all the chemical non-toxic alternatives available in order to reduce the use of toxic, persistent or bio-accumulating substances.	Essential	Procedure and evidence of conformity.	N.A.	The boat do not use any chemical substance. (annex 6.3.).
6.4	The organisation does not use CFC, HCFC, HFC or other refrigerants that cause ozone depletion.	Essential	Procedure and evidence of conformity.	N.A.	The fishing boat do not have freezing facility on board. (annex 6.4.).
	Only applicable to large-scale vessels				

The auditor shall provide procedures complete with photographic evidence. See definition of large-scale fisheries in section 1.

## **Z ENERGY MANAGEMENT**

No.	Requirement	Level	Parameters and information	Y/N	Comments
7.1	The organisation shall keep a register of all energy sources and their use, updated at least once a year.	Essential	Energy consumption records, which shall be created at least once a year shall be included in the procedure.  At minimum, the register shall include the following parameters: 1. incoming energy sources (renewabl e or not) 2. energy consumption per process line (fishing, processing, transport)	Y	Organization is monitoring and maintaining records for fuel consumption. Energy consumption will be reviewed as annually per year. The last reviewed is December 2019 (annex 7.1.).

7.2	The organisation should calculate its carbon footprint per product unit and engage to reduce it every year.	Recommendat ion			This is a new site for FOS wild octopus, the facility started collecting data from Jan 2019, there were octopus's activity from Jan to Dec 2019, e.g. Cahaya Mulya: total fuel usage 1.440 liter / year, total catch 3600kg/2019, total emission 0.4 kg CO2/12 month. (annex 7.2.).		
The aud	The auditor shall review copies of the registers.						

## **8 SOCIAL ACCOUNTABILITY**

No.	Requirement	Level	Parameters and information	Y/N	Comments
8.1	The Organisation shall respect human rights, complying with the following requirements:				
8.1.1	compliance with national regulations and ILO on child labour	Essential	Refer to ILO: http://www.ilo. org/global/stan dards/introduct ion-to- international- labour- standards/lang - -en/index.htm		National regulation and ILO and child labor, Undang2 Republic Indonesia No 13 Tahun 2003, Tentang Ketenagakerja, (Indonesia Labour Law), clause 68, minimum age of 18 years old.
8.1.2	pay the employees adequate salaries compliant at least with minimum legal wages	Essential	Minimum wages vary depending on the country. The Auditor shall verify that the organisation knows the minimum wage.		The sectoral minimum wage in Trengalek, East Java is Rp1,913,321 (USD136) per month. All boat owner is aware of the minimum wages in the area. Wages are calculate based on profit sharing (3 share), with the good octopus price, all workers are getting more than minimum wage. (annex 8.1.2.).
8.1.3	grant employees access to healthcare	Essential			Indonesia government provide Fishermen Insurance and medical health care BPJS (Badan Penyelenggara Jaminan Sosial) to all fisherman which they can get free medical treatment in government clinic and hospital
8.1.4	apply safety measures required by the law	Essential			All fishing boat are required to equip with life jacket and life buoy

The auditor shall verify the compliance with the requirements through documental evidence (work contract samples) and onsite observation.

Further comments:	
CONCLUSIONS:	
The Auditor shall fill out the follow	ing fields
☐ The fleet COMPLIES with Frie	end of the Sea requirements
☐ The fleet DOES NOT COMPLY	with Friend of the Sea requirements
MAJOR NON CONFORMITIES (to	be corrected within 3 months)
List major non conformities	
MINOR NON CONFORMITIES (co and correction within 1 year)	rrective plan to be produced within 3 weeks
List minor non conformities	
	municated within the next inspection)
List recommendations	