

FISHERY BY-PRODUCT REPORT

IFFO GLOBAL STANDARD FOR RESPONSIBLE SUPPLY OF FISHMEAL AND FISH OIL



R1

FISHERY By-Product:	Japanese scad (<i>Decapterus Maruadsi</i>)
LOCATION:	FAO areas 57 (Indian Ocean), 71 (Pacific Western Central)
DATE OF REPORT:	August 2016
ASSESSOR:	Deirdre Hoare

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1. APPLICATION DETAILS AND SUMMARY OF THE ASSESSMENT OUTCOME		
Name: T.C Union		
Address:		
Country: Thailand	Zip:	
Tel. No.	Fax. No.	
Email address:	Applicant Code	
Key Contact: :	Title:	
Certification Body Details		
Name of Certification Body:	SAI Global (Ireland)	
Assessor Name	Peer Reviewer	Initial/Surveillance/ Re-certification
Deirdre Hoare	Sam Dignan	Initial
1. Scope of Assessment		
		By-Product initial year 2016
2. Fishery By-Product		
		Japanese scad (<i>Decapterus Maruadsi</i>)
3. Fishery By-Product Location		
		FAO areas 57 (Indian Ocean), 71 (Pacific Western Central)
4. Fishery Method		
		Purse seine
5. Outcome of Assessment		
		Approve byproduct

2. GUIDANCE FOR ONSITE ASSESSMENT

3. ASSESSMENT DETERMINATION

There is a fishery management framework at the national level, although this is not applied specifically to Japanese scad. Fisheries management in general is supported by data collection and stock assessment, but species-specific research is extremely limited. The assessment team recommends the approval of this byproduct material against the IFFO RS standard.

4. RATIONALE OF THE ASSESSMENT OUTCOME

A. THE MANAGEMENT FRAMEWORK AND PROCEDURE

LEVEL OF COMPLIANCE	
<i>The management of the fishery used to produce the By- Product must include a legal and administrative basis for the implementation of measures and controls to support the management of the fishery.</i>	
LOW	An administrative framework that ensures an efficient management of the fishery is not established.
MEDIUM	An administrative framework that ensures an efficient management of the fishery is somehow established, but there is evidence of not being efficient to ensure the management of the stock.
HIGH	A legal and administrative framework that ensures an efficient management of the fishery is established and works efficiently.

Determination: An administrative framework that ensures an efficient management of the fishery is established, but there is evidence of not being efficient to ensure the management of the stock.

Thailand

The Thailand Department of Fisheries (DOF) is the primary fisheries management organization in Thailand. The DOF is responsible for the implementation of Thai fishery legislation, the undertaking of fishery and aquaculture research, fishery control and enforcement, the management of international fishery affairs, and the engagement of fishery and aquaculture stakeholders. The current Thai fisheries management objectives are set out in The Master Plan- Marine Fisheries Management in Thailand. The Master Plan applies for the ten years beginning in 2009. The Plan includes five major strategies, the third of which is Development and Promotion of Responsible and Sustainable Fisheries.

Royal Ordinance on Fisheries B.E. 2558 (2015) is the major legal instrument under which this authority and fishery operates. This decree prohibits IUU, destructive fishing practices and fishing that causes irreversible impacts to the fishery stock and/or aquatic ecosystem.

Species specific management measures

There is no evidence of any species specific management measures for Japanese scad in FAO 57, 71 waters.

R2 -5

B. STOCK ASSESSMENT PROCEDURES AND MANAGEMENT ADVICE

LEVEL OF COMPLIANCE	
<i>B. Research in support of fisheries management should exist.</i>	
LOW	Research to support the management of the stock does not exist
MEDIUM	Research to support the management of the stock exists, however research programmes could be significantly improved to decrease scientific advice uncertainty.
HIGH	Research to support the management of the stock exists, and research programmes for provision of scientific advice are considered adequate.

Determination: Research to support the management of the stock exists, however research programmes could be significantly improved to decrease scientific advice uncertainty.

National

Research supporting the management of Thai fisheries is the responsibility of two main organisations. The Marine Fisheries Research and Development Bureau (MFRDB) within the DOF is responsible for marine fisheries research. The Department of Marine and Coastal Resources (DMCR) is mandated to study and enhance mangrove forests sea grass, coral reefs, and marine animals. The DMCR is responsible for the rehabilitation of natural resources and the environment and has elaborated main strategies with an emphasis on the role of public participation in preservation, protection, conservation, utilization and rehabilitation of natural resources through proactive and integrated natural resources management.

<p>The stock structure of Japanese scad is not yet clear and further studies should to be conducted within both South China and Andaman Seas according to Mazalina and Katoh (2014). Stock assessments have been carried out on the Thai Andaman Sea Japanese scad stock (Boonsuk et al., 2010).</p>	
<p>R6, 7</p>	
<p>C. STOCK STATUS</p>	
<p>LEVEL OF COMPLIANCE</p>	
<p><i>C. The fish used to produce the fish By- Product is not considered to be critically at risk of over exploitation in accordance with the IUCN guidance.</i></p>	
<p>LOW</p>	<p>The fish By-Product must not come from a species that is listed as extinct, or critically endangered.</p>
<p>MEDIUM</p>	<p>The fish By- Product is from a species that is classified as vulnerable, but has a management regime in place that will control the level of fishing permitted. Or if a species is deemed to be endangered but the sub-group from where the fish By- Product is harvested is deemed scientifically to be at no risk of over exploitation.</p>
<p>HIGH</p>	<p>The fish By- Product comes from a fishery that is not deemed to be at risk of over exploitation from fishing activities.</p>
<p>Determination: This species has not been assessed by the IUCN Red List.</p> <p>This species has not been assessed by the IUCN Red List and does not appear in the CITIES appendices.</p>	
<p>R8</p>	

5. REFERENCES

- R1 – Image of *Decapterus maruadsi* by Mingru Chen
<http://www.fishbase.se/photos/thumbnaillsummary.php?Genus=Decapterus&Species=maruadsi#>
- R2 - FAO country fisheries overview, Thailand: ftp://ftp.fao.org/Fi/DOCUMENT/fcp/en/FI_CP_TH.pdf
- R3 - FAO species fact sheet <http://www.fao.org/fishery/species/2085/en>
- R4 - Thailand Department of Fisheries master plan:
<http://www.fisheries.go.th/planning/files/Marine%20Master%20Plan.pdf>
- R5 - Royal Ordinance on Fisheries B.E. 2558 (2015)
<http://www.fisheries.go.th/law/images/datanew/royalfisheries.pdf>
- R6 - Boonsuk, S., Jaiyen, T., Sumontha, M., Nontapun, T., 2010 Stock Assessment of Round Scad *Decapterus maruadsi*(Temminck & Schlegel, 1843) along the Andaman Sea Coast of Thailand. Technical Paper No. 5/2010, 35pp
<http://satunmarine.com/Stock%20assesment%20of%20round%20scad.pdf>
- R7 - Mazalina A. and Katoh M. (Comp.). 2014. Tagging of Small Pelagic Fish in the South China Sea and the Andaman Sea. Regional Project Terminal Report: Executive Summary. SEAFDEC/MFRDMD/SP/27: 35 pp.
<http://www.seafdec.org.my/v15/index.php/library/list-of-mfrdmd-publications/2014/118-mfrdmd-sp-27-tagging-program-for-economically-important-small-pelagic-species-in-the-south-china-sea-and-the-andaman-sea-regional-project-terminal-report-2014-executive-summary-seafdec-mfrdmd-sp-27-35pp/file>
- R8 – IUCN Red List <http://www.iucnredlist.org/search>

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