Aquaculture Stewardship Council and Marine Stewardship Council

ASC-MSC Seaweed (Algae) Audit Announcement Template

[*Initial certification]*

Version 1.0 (Issued 8 December 2017)

Scheme documents:

ASC-MSC Seaweed (Algae) Standard

ASC-MSC Seaweed (Algae) Certification and Accreditation Requirements

This document is to be cited as:

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Versions issued		
Version no.	Date	Description of amendment
1,0	08-dic-17	N/A - new document

DNV GL - Business Assurance

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Instructions for using the ASC-MSC Seaweed (Algae) Audit Announcement Template

This template details the information required from conformity assessment bodies (CABs) when formally

1. Completed client document checklist, and
2. Pre-audit report (if one exists and was written by the CAB doing full audit).

Please complete all unshaded fields. Where instructions are included in brackets or *italics* , please delete

Corporate branding

The production unit Audit Announcement Template may be formatted to comply with the CAB corporate i

Examples of appropriate amendments are:

a. A company header used throughout the report.
b. A company footer replacing the current ASC-MSC footer.
c. Inclusion of contact details for the assessment team members in relation to consultation.
d. Deletion of the instruction tab

Production unit details 생산단위 세부 사항

Name of the production unit 생산 단위명	*Wando Eco-friendly Seafood Cooperative (WESC)* *완도친환경수산물협동조합*
Target species common name/s 대상 종 일반명	*Kelp* *다시마*
Species Latin name 학명	*Saccharina japonica* *사카리나 자포니카*
Production system 생산시스템	*Off-shore aquaculture / artifical seedlings collected from existsting farm / Floating rope method* *바다 양식 / 인공 채묘에 의한 종묘 생산 / 연승수하식 양식*
Location of the production unit 생산단위의 위치	*Production units are located in Wando-Gun, Jeollanam-do, Republic of Korea. [South Sea shore of Korean Peninsula / FAO Major Fishing Areas: Pacific, NORTHWEST (Major Fishing Area 61)]* *Farms are located in the sea around 2 islands, and primary processing places (Sun-drying, Mixing with salt) are located in 2 islandscalled Sinjido(Sinji Island) and Saengildo in the South sea in Wando-Gun. See location maps in the tab, 'Aquafarm Locations'* *생산단위들은 대한민국 전라남도 완도군에 위치하고 있음. [한반도 남해안 / FAO Major Fishing Areas: 태평양, 북서쪽 (Major Fishing Area 61)]* *양식장은 2 개 섬 (신지도, 생일도) 주위 바다에, 초기 가공장은 2 개 섬 (신지도, 생일도) 내에 위치하고 있음. 'Aquafarm Locations' 탭에 삽입된 지도 참조*
Stock Region 생태자원 위치	*N/A* *해당 없음*
Receiving water body 수역	*Wando-Gun Sea Area, Jellanam-Do, Republic of Korea* *대한민국 전라남도 완도군 해역*
Clients part of the production unit 생산 단위의 담당자	*Mr. Hyun Kyu Woo/Marketing Director, Wando Eco-friendly Seafood Cooperative (WESC)* *우현규 본부장, 완도친환경수산물협동조합*
Facilities 시설 현황	*Sea : Aquaculture equipment, rope, stone anchorage, float, boat, a pumping equipment and a rubber hose for washing. 해양 : 양식 기자재, 로프, 무게추, 뷰자, 운송선, 펌프 및 고무호스* *Land : cutter, a hot-water boiler 육지: 절단기, 보일러*
Unit of Certification (if different)	*Wando Eco-friendly Seafood Cooperative (WESC) 완도친환경수산물협동조합* *9, Nonggongdanji 2-gil, Wando-eup, Wando-gun, Jeollanam-do, Republic of Korea* *대한민국 전라남도 완도군 완도읍 농공단지 2 길, 9* *[Address for farms and primary processing place of Member Farmers] 조합원 양식장 / 가공장소* *(Farm doesn't have the address but have GPS Coordinate) 양식장은 주소가 없어 GPS 좌표로 기재함* *1) Mr. Jong-Hun CHO's Farm (34°18'15"N 126°53'12"E / 34°18'27"N 126°53'14"E) / Processing place (975, Sinji-ro, Sinji-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 조종준 양식장 (34°18'15"N 126°53'12"E / 34°18'27"N 126°53'14"E) / 가공장 (대한민국 전라남도 완도군 신지면 신지로 975, 34°19'22.7"N 126°51'56.2"E)* *2) Mr. Yo-Hwan KIM's Farm (39-1, Yongchul-gil, Saengil-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 김요환 양식장 (대한민국 전라남도 완도군 생일면 용출길 39-1, 34°18'41.8"N 126°59'12.6"E)* *3) Mr. Su-Han CHOI's Farm (34°19'13"N 126°57'11"E / 34°18'29"N 126°57'28"E) / Processing place (15-2, Geumgok 1-gil, Saengil-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 최수한 양식장 (34°19'13"N 126°57'11"E / 34°18'29"N 126°57'28"E) / 가공장 (대한민국 전라남도 완도군 생일면 금곡1 길 15-2.*
Harvest season 수확시기	*December to early July. 12 월부터 7 월 초까지*
Management system 경영 시스템	*Two levels of the government, i.e. the Ministry of Maritime Affairs and Fisheries (MMAF), being the central authority, as well as local governments in the province, city and district, are involved in fisheries conservation, management and development. The Korean Government also introduced a fishermen-oriented co-management system for more effective implementation of responsible fisheries. Under this system, an organization of fishermen, such as a fishery corporation or a group of fishermen in villages set up self-regulation according to the fishery-related laws and regulations with endorsement of the local government. 2 개 수준으 정부, 중앙 정부 수준에서의 해양수산부 그리고 지방 정부 수준에서 수산물의 보전, 관리, 개발에 관여하고 있음. 또한 한국정부는 어업인 중심의 공동 관리 시스템을 도입하여, 책임있는 어업의 효과적인 실행을 추구하고 있음. 이 시스템에서는 어민 조직, 즉 수산업 협동조합 또는 마을의 어촌계 등을 통해 수산업 관련 법률 및 지역정부의 규제 범위 등을 지켜 준수하도록 노력하고 있음.* *The Fisheries Act requires any person who intends to cultivate seaweeds, shellfish or other marine animals (by demarcating specified waters and utilizing the bed of the waters or providing other facilities under water) to obtain a license from the local government. Other categories of cultivating fisheries include mixed cultivating fisheries, cooperative cultivating fisheries and village cultivating fisheries. Any license should be issued within the limits of the fishing ground utilization and development plan. According to the act, MMAF shall determine, inter alia, the water depth of the fishing grounds (exclusive of water depths of cooperative and village cultivating fisheries, which are to be determined by Presidential Decree), limits of fishing zones and distances between fishing grounds, methods of fishing ground equipment, cultivation, catching or gathering, and matters concerning cultivated products. The act prescribes the order of priority for the issuance of licenses, specifies the grounds for refusal and revocation of licenses, and stipulates that licenses may be subject to restrictions or conditions if necessary, inter alia, for the breeding and protection of fishery resources or any other public interest. Licenses are generally valid for a period of ten years. 수산업법에 따라 해조류, 갑각류 또는 기타 해양 동물(특정 수역의 경계를 정하고 수역을 활용하거나 수중에 다른 시설을 제공함)을 경작하고자하는 사람에게 지방 정부의 면허를 취득하도록 요구됨. 다른 종류의 수산 양식에는 복합 양식 어업, 협동 양식 어업 및 마을 양식 어업이 포함됨. 모든 면허는 어장 이용 및 개발 계획의 한계 내에서 발행되어야 함. 국가법률에 따라, 해양 수서부는 그 준에서도 어장 수심(대통령칙은로 정하는 양식 조업 및 마을 경작 어업의 수심을 제외한), 어장의 한계 및 각 어장 간의 거리, 어업장비, 양식, 어획 또는 포집 그리고 양식 수산물 관련 사항을 결정함. 이 법은 면허발급 우선순위 순서를 정하고, 면허거부 및 폐지의 근거를 명시하며, 면허는 수산자원이나 기타 공공의 이익을 위하여 필요한 경우 기간 동안 제한이나 조건의 대상이 될 수 있다고 규정하고 있다. 면허권은 원칙적으로 10년 동안 유효함.*
	Acts that directly relate to fisheries licenses and permits include the Fisheries Act and the Inland Water Fisheries Act.In addition, the "Fishery Management Act" for the use and management duties of the farms, the "Act on the Indication of the origin of agricultural and marine products" for the indication of the origin of aquaculture products, the "Act on the Agricultural and Fishery Products Quality Control" For the support of fish farmers, there are "Agriculture, Forestry and Fisheries Credit Guarantee Act" and "Agricultural and Fishery Accident Insurance Act". 어업 허가 및 허가와 직접 관련된 법안에는 수산업법과 육지 수서법이 포함된다. 또한, 농가의 사용 및 관리 의무에 관한 "어업관리법"과 수산물의 유래를 표시하는 "농수산물 및 수산물 품산지 표시에 관한 법률", 어업농 의 지원을 위한 "농어, 수산물 품질 관리법" 이 있음. 농림수산신용보증법 및 "농업 및 어업 재해보험법" 등이 있음. *Wando Eco-friendly Seafood Cooperative (WESC) has a governance structure. Member Assembly is the highest organization from which key decisions are made. Board commitee and steering committee are two main pillar's supporting member assembly.* *Operational manual for certified seaweeds aquaculture is established by steering committee. All farmers apply the operational manual in their daily activities.* *완도 친환경수산물협동조합은 거버넌스 구조를 가지고 있음. 조합원 총회는 최고의 거버넌스 기구이며, 중요 의사결정이 이루어짐. 이사회및 운영위원회는 총회를 지지하는 중요한 2 개의 조직이며 상시적인 의사결정이 이루어짐. 인증 수산물 양식을 위한 운영 매뉴얼이 운영위원회에 의해 제정되었고, 모든 양식장에서는 매뉴얼을 적용해서 업무를 수행하고 있음.* *The cooperative has established procedures for management system. The operations manual states details of work procedure, and responsibilities of member farmers. 협동조합에서는 경영시스템 절차를 수립했음. 운영 매뉴얼은 상세한 작업 절차, 회원 양식장의 책임등이 기재되어 있음.*
Seaweed category 해조류 카테고리	*Bii Cultivation at sea: Supply of seed from wild stocks NOT required or negligible / Bii 바다양식 : 인공 채묘, 야생 자원 필요하지 않거나 무시할만한 수준*
Statement that the production unit is within scope **인증범위내의 생산단위에 대한 설명**	*Harvesting or farming activities are only eligible for certification if the target species is a seaweed. 자연 채집 또는 양식 활동을 통한 인증 대상인 목표 수종은 해조류임. All farms subject to this certification audit conduct aquafarming of seaweeds. 이번 인증심사 대상 양식장들은 해조류 양식을 하고 있음.* *The Standard applies globally to all locations and scales of operations, including both harvesting of wild stocks and production from aquaculture systems. 이 표준은 자연 서식지의 수확과 양식 체계의 생산을 포함하여 모든 장소와 규모의 작업에 국제적으로 적용된다. Wando Eco-friendly Seafood Cooperative (WESC) and member farms subject to this certification audit are committed to comply with the standard and conduct farming as per the standard. 완도친환경수산물협동조합 및 인증심사 대상 회원 양식장들은 표준을 준수할 것을 다짐했으며, 표준을 적용해서 양식을 하고 있음.* *The Standard applies to seaweed production units only. Other production units in scope for assessment under the existing ASC or MSC standards are in no way affected by the Seaweed Standard. 이 기준은 해조류 생산 단위에만 적용된다. 현존하는 ASC 또는 MSC 표준에 따른 평가의 범위에있는 다른 생산 단위는 해조류 표준에 영향을 받지 않는다. Only seaweeds farms are in scope for the assessment. 해조류 양식장만 심사 대상에 포함되어 있음.* *Harvesting or farming activities involving the introduction of alien (i.e. non-native) species are not eligible for certification, unless: The introduction occurred at least 20 years prior to the date the application is made for assessment against the Seaweed Standard, or The alien species is cultured in on-land facilities that are completely separated from the aquatic environment.* *도입된 해조류 기준에 대한 평가를 위해 신청한 날로부터 적어도 20 년 전에 이루어졌으며, 또는 외계 종은 수생 환경과 완전히 분리된 육지 시설에서 배양된다. 인증을 추구하는 조직은 최소 12 개월 또는 1 회의 수확 주기 중 더 짧은 것으로 운영되어야 한다. Farming of the targeted species began more than 20 years ago in the area. 대상 해조류의 양식은 해당 지역에서 30 년 전에 시작되었음.* *Organisations seeking certification shall have been in operation for at least 12 months, or one harvest cycle, whichever is less. Farms have been in operation more than 12 months. 양식장들은 12 개월 이상 운영을 해고 있음.* *Organisations seeking certification shall have available records of performance data covering the periods of time specified in the Standard. Wando Eco-friendly Seafood Cooperative (WESC) and member farms subject to this certification audit retain the records of performance data covering the periods of time specified in the Standard and can provide the assessors with the records for review. 완도친환경수산물협동조합 및 심사 대상 양식장들은 규격에서 정의하고 있는 기간에 해당하는 성고 데이터 기록을 보유하고 있으며, 심사원들의 검토를 위해 제공할 수 있음.* *Harvesting or farming activities which use mutagenic, carcinogenic or teratogenic pesticides, or any other chemicals that persist as toxins in the marine environment or on the farm or farmed seaweeds, are not eligible for certification. 돌연변이 유발, 발암성 또는 기형성 성중제를 사용하는 수확 또는 농업 활동 또는 해양 환경이나 농장 또는 양식 해조에서 독소로 유지되는 다른 화학물질은 인증 대상이 되지 않는다.* *No chemical is used in the farm 양식장에서는 화학약품이 사용되지 않음.*
Production unit operators **생산단위 작업 현황**	*Farmers outplant seedling supplied from nursery house in the open water farms. When seaweeds grow enough, farmers haverst and transport to land. 3 different types of seaweeds (Fresh seaweed, dried seaweed and salt-mixed seaweed) are sold to the market. Havested seaweeds are sun-dried in the proximity field owned or lented to each farmer to produce the dried seaweed or boiled and mixed with salt by each farmer to produce salt-mixed seaweed. When a sales order is recieved, the seaweed is transported to buyer and the ownership changes.* *양식장에서는 종묘장에서 공급받은 종묘를 양식장에 이식함. 다시마가 충분히 성장하면, 수확 후 육지로 이송함. 3 가지 형태의 다시마(씽 다시마(씽, 건조 다시마(씽, 염장 다시마(씽)가 시장에 출하됨. 건 다시마(씽은 양식장 대표가 소유 임대한 근처 건조장에서 말려 건조되며, 염장 제품은 양식장 대표들에 의해 삶은 후 소금과 혼합하게 됨. 판매 주문을 받으며, 구매자에게 운송되며, 소유권이 변경됨.* *1) Mr. Jong-Hun CHO's farm 조정준 양식장: 1 Vessel, 1 truck, 1 Kelp farm, 1 sun dry field 선박 1 대, 트럭 1 대, 다시마 양식장 1 곳, 일광건조장 1 곳 운영* *2) Mr. Yo-Hwan KIM's farm 김요환 양식장: 2 Vessels, 1 truck, 3 Kelp farms, 1 sun dry field 선박 2 대, 트럭 1 대, 다시마 양식장 3 곳, 일광건조장 1 곳 운영* *3) Mr. Su-Han CHOI's farm 최수한 양식장: 2 Vessels, 1 truck, 2 Kelp farms, 1 sun dry field 선박 1 대, 트럭 1 대, 다시마 양식장 2 곳, 일광건조장 1 곳 운영*
Information to identify Micro family business 소규모 가족 경영 정보	*Recognition of Micro Family business is not applicable.* *소규모 가족 비즈니스에 해당되지 않음.*

Harvest/production data **수확 / 생산 데이터**	*1) Mr. Jong-Hun CHO's farm 조종훈 양식장 : Kelp 5 tons 다시마 연간 5 톤* *2) Mr. Yo-Hwan KIM's Farm 김요환 양식장 : Kelp 5 tons 다시마 연간 5 톤* *3) Mr. Su-Han CHOII's farm 최수한 양식장 : Kelp 5 tons 다시마 연간 5 톤*
History of the Production unit **생산단위의 역사**	*Korean total fisheries and aquaculture production reached a peak of 3.1 million tonnes in 1986, declined progressively to less than two million tonnes in 2004 and has only fluctuated slightly since then. Total fish production was 2.1 million tonnes (2015) with aquaculture production accounting for approximately 23 percent of total production. Aquaculture is an important element in the fisheries sector of the country. In 2015 the total aquaculture production was about 1.6 million tonnes with the farm gate value of USD 2.16 billion. Seaweeds farming production was 1.2 million tonnes in 2015, accounting for 71 percent of the total aquaculture production by quantity and 20 percent in value. (reference: Fishery and Aquaculture Country Profile in FAO website)* *The first aquaculture of Kelp and Hiziki in Wando began in 1968 and 1980 respectively. (reference: Wando Seaweeds EXPO 2017 website), which is the far more than 20 years ago. The number of farms have increased since then in Wando sea area and seaweeds farming in this area is one of the most popular industries. Not only Kelp and Hiziki which are the target species for the this certification audit but also other seaweed including Sea Mustard, Laver, Enteromorpha, seaweed fulvescens are commonly farmed in the area.* *The member farmers of Wando Eco-friendly Seafood Cooperative (WESC) began the aquaculture farming from 2005 at the earliest.* *대한민국의 수산 및 양식 생산량은 1986년에 3백10만톤의 정점에 다달았으며, 이후 2004년 2백만톤이하로 점차 감소해오고 있으며, 약간의 변동만 있어 왔음. 총 어획량은 2015년 2백10만톤이었으며, 이중 약 23%가 양식 생산량이 차지하고 있음. 수산양식은 대한민국의 수산업 분야에서 중요한 요소임. 2015년 총 양식 생산량은 약 백6십만톤, 출하군에 기준 21억6천만달러였음. 2015년 해조류 양식 생산량은 백2십만톤으로 전체 양식 생산량의 71%, 금액기준으로 20%를 차지하고 있음. (참고 자료: Fishery and Aquaculture Country Profile in FAO 홈페이지)* *완도군 지역에서 다시마와 톳의 양식은 1968년과 1980년에 처음 시작되었음. (참고 자료: 완도 해조류 엑스포 2017 홈페이지) 이는 20년 훨씬 전임. 완도군 해역에서 이후 양식장의 수는 증가해오고 있으며, 해조류 양식은 지역의 가장 흔한 산업임. 하나뿐 차기해감양연음. 해조류 양식은 20년 훨씬 전에 지역에서 시작되었음.* *완도 지역에서는 이번 인증 심사 대상인 다시마와 톳 뿐아니라 미역, 김, 파래, 매생이 등도 양식되고 있음.* *완도 친환경 수산물 협동조합 조합원들은 가장 빠른 경우 2005년부터 양식을 시작했음.*
Other production unit in the area **지역의 기타 생산유닛 정보**	*In wando Sea area, a lot of aquaculture farms are in operation. Main species farmed includes seaweeds such as Kelp and Hiziki Sea Mustard, Laver, Enteromorpha, seaweed fulvescens and abalone.* *2 organizations in Wando sea area are certified to or in assessment of ASC Abalone farm certification.* *완도군 주변 해역에는 다시마, 톳, 미역, 김, 파래, 매생이를 비롯한 해조류들과 전복양식장이 다수 존재함.* *완도군 주변 해역 내에 ASC 전복 양식장 인증을 받았거나, 현재 심사가 진행중인 전복 양식장이 있음.*
Main commercial market **주요한 소비자 마켓**	*Korean domestic buyers 대한민국 국내 시장*
Any other information the CAB wishes to provide (including any specific issues within the production unit that need to be highlighted). **인증기관이제공하자 하는 추가 정보**	*N/A* *해당 없음*

Audit details 심사 세부사항

Conformity Assessment Body (CAB) **인증기관 정보**	*DNV GL Business Assurance* *디엔브이지엘 비즈니스 어슈어런스*
	Name of Assessment Team Leader : Prasad Roy, Puspendra
	Name of first point of contact for the assessment (if different to the assessment team leader).
	msc.fisheries.global@dnvgl.com
	Phone Number +91 333 021 7000
	Mailing address 18F, Kyobo Bldg, 1, Jongno, Jongro-gu, Seoul, 03154 Republic of Korea *대한민국 서울특별시 종로구 종로 1, 교보빌딩 18층 우편번호 03154*
Client **고객**	*Name of company* *Wando Eco-friendly Seafood Cooperative (WESC)] 완도친환경수산물협동조합*
	Name of first point of contact for the assessment (if different to the assessment team leader). *Hyun Kyu Woo 우현규*
	Position in the client organisation *Marketing Director 마케팅 본부장*
	Email address: Woohyun1472@hanmail.net
	Phone Number: +82 61 553 2424
	Mailing address: 9, Nonggongdanji 2-gil, Wando-eup, Wando-gun, Jeollanam-do, 59108, Republic of Korea *대한민국 전라남도 완도군 완도읍농공단지 2길 9 우편번호 59108*
Type of audit **심사 구분**	*Surveillance Audit 사후 심사*
Estimated length of the audit and timeline **예상되는 심사 기간 및 주요 시간 일정**	*A predicted date by which the assessment is expected to be completed and certification awarded if the assessment result is positive. Include projected dates for key reports.* *Site visit 현장 방문 : 16~19 June 2022 (2022 년 6 월 16 일 ~ 19 일)* *Public comment draft report 심사 보고서 초안 일반 공개 :* *Final Report 최종보고서 :* *Public Certfication Report and Certificate issue* *The audit team is planning to do this audit by REMOTE method using ICT as MS team, telephone call etc. during 16-19 June 2022* *심사팀은 2022 년 6 월 16 일부터 19 일까지 정보통신기술(ICT) 을 MS 팀, 전화 등으로 원격심사를 실시할 계획이다.* *The team leader and team member will audit remotely and the translator and the project managet will be on-site during the audit period.*
Team Leader **심사팀장**	*[Team Leader, Environmental assessor]* *Roy Puspendra Prasad*
Proposed assessors **심사원**	*Roy Puspendra Prasad-Team leader and environment auditor* *Roy Puspendra Prasad 심사팀장 및 환경 심사원* *Peddada Narashima Rao-Social auditor* *Peddada Narashima Rao-사회 심사원* *Ina Lee - Translator* *이인아 - 통역* *Hee Jin Lee - Project Manager* *프로젝트 메니저*
Site visit Date **현장 방문 일정**	*16-19 June 2022 (2022 년 6 월 16 일 - 19 일)*

Location and date of site visit **현장 방문 일자 및 위치**	*Headquarter* *Wando Eco-friendly Seafood Cooperative (WESC), 34.339423, 126.732481, 9, Nonggongdanji 2-gil, Wando-eup, Wando-gun, Jeollanam-do, Republic of Korea 완도친환경수산물협동조합: 대한민국 전라남도 완도군 완도읍 농공단지 2 길, 9* *Farms and primary processing place (Farm doesn't have address, only GPS Coordinates)* *양식장과 가공장 (농장은 주소가 없어 GPS 좌표 제공)* *1) Mr. Jong-Hun CHO's Farm (34°18'15"N 126°53'12"E / 34°18'27"N 126°53'14"E) / Processing place (975, Sinji-ro, Sinji-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 조정훈 양식장 (34°18'15"N 126°53'12"E / 34°18'27"N 126°53'14"E) / 가공장 (대한민국 전라남도 완도군 신지면 신지로 975, 34°19'22.7"N 126°51'56.2"E)* *2) Mr. Yo-Hwan KIM's Farm (39-1, Yongchul-gil, Saengil-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 김요환 양식장 (대한민국 전라남도 완도군 생일면 용출길 39-1, 34°18'41.8"N 126°59'12.6"E)* *3) Mr. Su-Han CHOI's Farm (34°19'13"N 126°57'11"E / 34°18'29"N 126°57'28"E) / Processing place (15-2, Geumgok 1-gil, Saengil-myeon, Wando-gun, Jeollanam-do, Republic of Korea) 최수한 양식장 (34°19'13"N 126°57'11"E / 34°18'29"N 126°57'28"E) / 가공장 (대한민국 전라남도 완도군 생일면 금곡1 길 15-2, 34°20'04.0"N 126°59'51.1"E)*
Stakeholders **이해관계자**	*Neighbor village people 양식장 주변 마을 주민* *Local government 지방 정부* *Local community 지역 사회* *Researchers / Academia 연구소/학계* *Client 고객*
Risk Based Framework **리스크베이스 프레임워크**	*RBF will not be used. 적용제외*
RBF meeting **RBF 회의**	*NA 해당없음*
PI that RBF is to be applied to **RBF 적용 성과 지표 현황**	*NA 해당없음*
Justification for use **적용에 대한 설명**	*NA 해당없음*
Invitation for stakeholders **이해관계자 의견수렴**	*"A key purpose of the site visit is to collect information and speak to stakeholders with an interest in the production unit. For those parts of the assessment involving the Risk-Based Framework (RBF) we will be using a stakeholder-driven, qualitative and semi-quantitative analysis during the site visit. To achieve a robust outcome from this consultative approach, we rely heavily on participation of a broad range of stakeholders with a balance of knowledge of the production unit. We encourage any stakeholders with experience or knowledge of the production unit to participate in these meetings."* *현장 방문의 주요 목적은 생산 단위에 대한 관심으로 정보를 수집하고 이해관계자와 대화하는 것이다. RBF(Risk-Based Framework)와 관련된 평가 부분의 경우, 현장 방문 동안 이해관계자 중심, 정성 및 반정량 분석을 사용할 것이다. 이 컨설팅 접근법의 강력한 결과를 얻기 위해, 우리는 생산 단위에 대한 지식의 균형을 가지고 광범위한 이해당사자들의 참여에 크게 의존한다. 생산단위에 대한 경험이나 지식을 가진 이해당사자들이 이 회의에 참여할 수 있도록 장려한다."*

Stakeholders that do not wish or are not able to be interviewed at the site visit may send written information to the team. [CAR, 17.6.6.1]
현장 방문 시 인터뷰를 원하지 않거나 참석이 불가능한 이해관계자는 심사팀에 서면을 발송할 수 있다. [CAR, 17.6.6.1]

Chain of Custody information 추적성 관리 시스템 정보

Identify if the following risks are currently or potentially applicable 현재 또는 잠재적인 리스크에 대한 확인	**Description of risk factor if present. 현존하는 리스크요인에 대한 설명**	**Describe any traceability, segregation, or other systems in place to manage the risk. 이 리스크를 관리하기 위한 추적성, 분리 또는 기타 시스템에 대한 설명**
a. The possibility of mixing or substitution of certified and non-certified product, including product of the same or similar appearance or species, produced within the same UoA. 동일한 UoA 내에서 생산된 동일하거나 외관이 비슷한 종 또는 수산물을 포함하여, 인증품과 비인증품이 혼합 또는 대체 가능성	3 farmers are included in the UoA. NO non-certified farmers within same UoA UoA 내에는 3개 양식장만이 포함됨. UoA내에 비인증 양식장은 포함되어 있지 않음	Only certified algae is to be produced within the UoA. UoA 내에서는 인증 해조류만 생산됨
b. The possibility of mixing or substitution of certified and non-certified product, type of production/harvest, including product of the same or similar appearance or species, present during production, harvest, transport, storage, or processing activities. 양식, 수확, 운송, 저장 또는 가공 활동 과정 중에서 동일한 또는 비슷한 외관의 제품 또는 종을 포함하여, 인증 품과 비인증품이 혼합 또는 대체 가능성	There is no risk of mixing of certified and non-certified product during during production, harvest, transport, or primary processing activities (sun-drying or mix with salt). 양식, 생산, 운송, 저장 및 가공 활동 과정 중에 인증품과 비인증 품의 혼합 리스크가 없음.	The farmers are to produce only certified seaweed at their own farms and drying and mixing with salt seaweed at their own area on land. The sold seaweed are directly picked up at the farmers' facility and transported to buyers. 양식장대표들은 본인의 양식장에서 인증 해조류만 생산하고, 육상의 본인 소유 장소에서 건조 및/또는 염장 작업을 실시함. 판매된 해조류는 해당 장소에서 구매자 장소로 운송됨.
c. The possibility of subcontractors being used to handle, transport, store, or process certified products.인증품을 취급, 운송, 저장 또는 가공하는 과정에서 하청업체 사용 가능성	No risk identified using subcontractors during handle, transport, store and processing. 제품 취급, 운송, 보관 및 가공 과정에서 하청업체 사용에 따른 리스크는 없음	Subcontractor is not used to handle, transport, store or primary process certified products. 인증품을 취급, 운송, 저장 또는 1차 가공시에 하청업체를 사용하지 않음.
d. Any other opportunities where certified product could potentially be mixed, substituted, or mislabelled with non-certified product before the point where product enters the Chain of Custody. 인증 제품이 비인증품과 COC 추적성 관리 포인트에 진입하기 전에 혼합, 대체 또는 잘못 라벨링될 가능성	No other risk identified.	The certified product is transported and delivered by famers when purchase order is received. 양식장 대표들이 주문을 받게 되면 인증품을 직접 운송하여 배달함.

Attach full CVs of assessment team

Name: Roy Puspendra Prasad
Manager: Speciality services, DNV India, Date of birth: 25.03.1969
Lead auditor for ASC Farm,MSC_ASC COC, BRC-Food, FSSC22000, ISO 9001:2015, ISO 14001:2015,HACCP, FOS Wild an
Education: Masters Degree in Fisheries Science from Fisheries college & Reserch Institute, Tamil Nadu University of Veterinary and Animal sciences, Tuticorin, Tamil Nadu India, 1993: 9.2 OGP in 10.
First class with distinction.
Bachelor degree in Fisheries science (4 years degree course after intermediate) from Rajendra Agri. Univ. PUSA, Bihar, India, 1990. 8.4 OGP in 10: First class.
Summary of Professional Experience:Total 13 years of work experinece in Seafood indstry out of which 3 and half year experience in aquaculture and 11 and half year in seafood processing accross Indian west and east coast in Hindustan Unilever Ltd. company.
1. Joined Hindustan Unilever Ltd, Marine Exports (Seafood Division) in February 1994.Worked as 'Aquaculture In charge' in Shrimp farm/American Channel catfish (Ictalurus punctatus).farm from February 1994 to Sept 1997 (Three and half years).Worked in the integrated farming Also worked in the shrimp/prawn feed manufacturing factory and responsible for
quality maintenance of the feed. Worked as 'Technical advisor' for shrimp farmers of across eastern coast of India for Imparting training on Shrimp culture methodology and aquaculture.
Developed vendors for raw materials including packaging materials.2. Worked as 'Senior Production Officer' at Seafood division of Hindustan Unilever Ltd. Posted
at various states of India in various seafood factories, producing Raw /Cooked frozen sea foods products and Surimi/Surimi Analog products.(Oct1997 to Nov.2003,6 years). Responsible for production of various sea foods as per customers and importing countries requirements across
the globe (European Union/USA, Japan, South East countries and African countries).Responsible for product development for seafoods. Responsible for Development implementing & maintaining Quality Management Systems as per the requirements of ISO 9001-2000, BRC Global Standard, GMP, GHP HACCP, system, Maintaining quality standards for incoming materials, ensuring stringent adherence to quality standards, norms & practices, identifying gaps and taking corrective action. Conducting daily raw material, in-process, finished products and preshipment (pre release) analysis to ensure the quality of the material being processed and packed are export worthy & meeting the international quality standard requirements,
3. Worked as 'QA in charge' at Seafood division of Hindustan Unilever Ltd. Posted at various states of India's both on

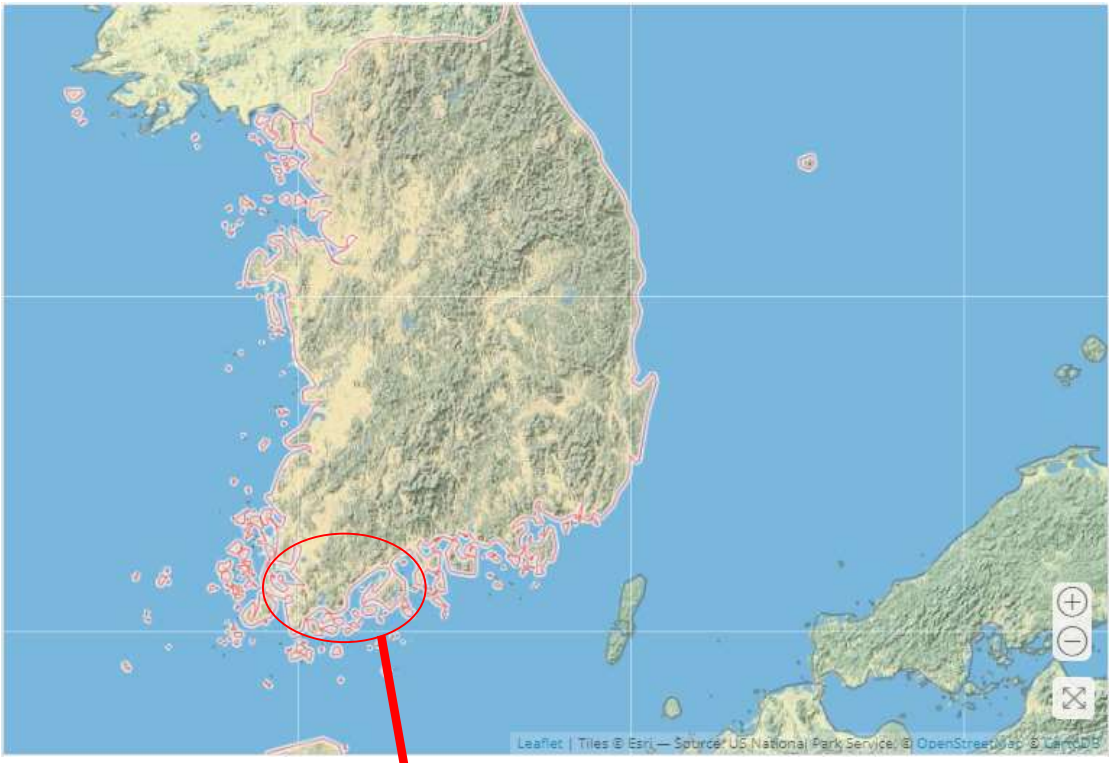
Name: Peddada Narashima Rao
Lead Audtor: DNV India, Date of birth: 17th Jan 1967
Education: Bachelor of Engineering, Mechanical Engineering,
Master Business Administration, Marketing,
Diplamo in industrial safety, Industrial safety
Currently Lead auditor at DNV India
Qualified as Lead auditor for ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 ISO 45001 Auditor SA 8000:2014 and As 9100:2016 Rev D Aerospace auditor , SA 8000:2014 Lead auditor, AS 9100 :2016 Rev D Aerospace auditor ASC COC Social compliance auditor, SMETA, URSA auditor.
Total 30 years of work experience in the industry at various positions at various industries in India.

Name: Ina Lee
Translator: freelancer, Date of birth: 9 Jan 1976
Education:
Master's degree / Marine and Fisheries Business and Economics, Pukyong National University
Master's degree / Graduate School of Interpretation and Translation, Busan University of Foreign Studies

Bachelor' degree / Department of Laws, Busan National University
WORK EXPERIENCE :
Korean-English translation and interpretation in Fisheries and Aquaculture Freelance interpreter
International cooperation, interpretation, translation Korea Fisheries Resources Agency, Ministry of Oceans & Fisheries (www.fira.or.kr)
International cooperation, interpretation, translation National Fisheries Research & Development Institute, Ministry of Oceans and Fisheries (www.nifs.go.kr)

Name: Hee Jin Lee
Project Manager : DNV Business Assurnace Korea, Sales Manager
Date of birth: 26 July 2022
Education:
Hospitality Management in Bachelor Degree / Johnson & Wales University
Intensive MBA course certified at Business Management / Korea University Graduate course
WORK EXPERIENCE :
Sales Manager at DNV BA Korea
A sales center team leader / group/ catering business & revenue management at Renaissance Seoul Hotel
To manage and sales the global & local Hotel , F&B and Retail's HQ (Retain , Grow and Gain) at Ecolab Inc
Senior Account Management & Sales at Coupang

Mar 2009	GHG Services and Auditing
Aug 2008	Verification of Sustainability Reporting
Aug 2007	GHG Auditor Course
Apr 2006	CDM Validator Course
Jan 2003	OHSAS 18001 Lead Auditor Course
Feb 2001	ISO 14001 Lead Auditor Course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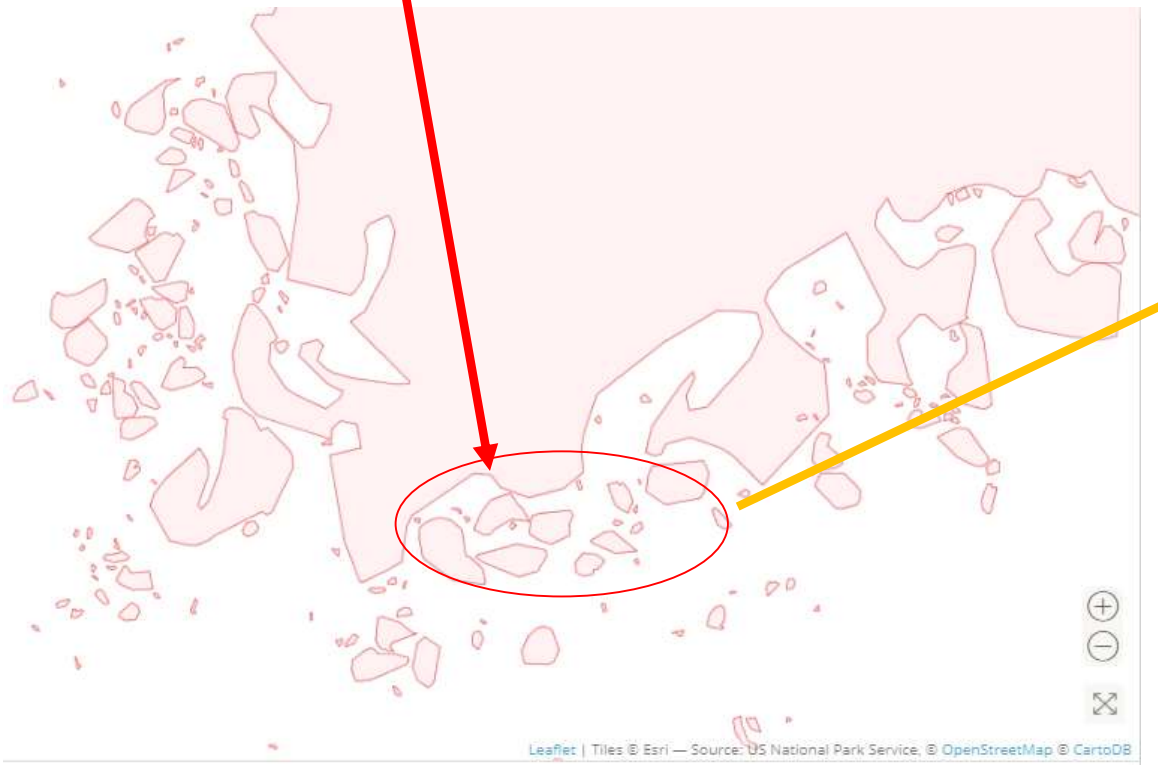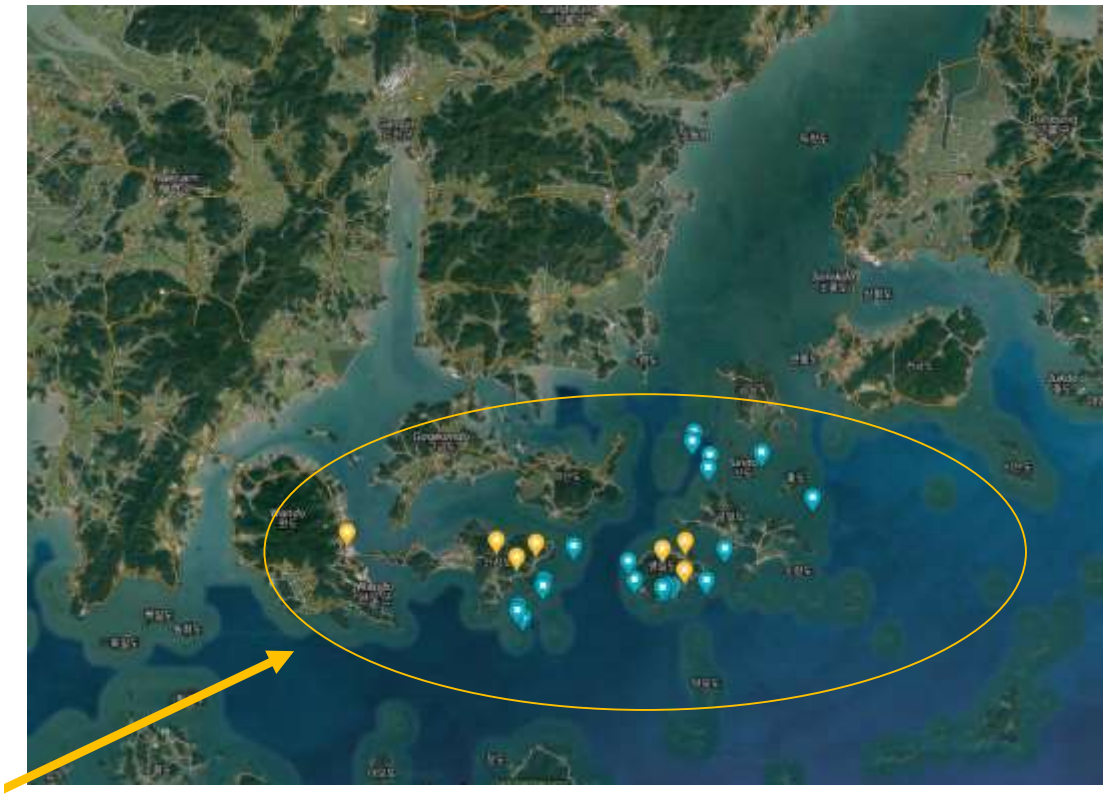
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