

No.	Management Point	Requirement	Indicator <div>□ Example of Evidence</div>	GSSI Reference	Criteria for Evaluation					Comments ※ Include information and evidence for evaluation	Evaluation	
					Major Non-Conformity	Minor Non-Conformity	Observation	Conformity	Not Applicable			
1. The unit of certification shall be operated under an established and effective management system. (Fisheries must be operated under an effective management system)												
1.1 Assessment for acquisition of fishing license and permission												
1.1.1	Acquisition of fishing license and permission	The unit of certification shall be operated legally in accordance with national legislation, such as acquiring fishery license and permission necessary for operating the fisheries from the competent authority (i.e. national or prefectural governments).	Whether the following matters for operating the target fishery can be confirmed. <div>□ Acquisition of a license or permit issued by a prefectural governor □ In the case that the above is not acquired, the target fishery is not prohibited with respect to those who have no license or permission.</div>	D.1.01, D.107, D.1.10	No license nor permission is observed.	N/A	N/A	A license or a permission is observed.	N/A			
1.1.2	Management system	An organization and system shall be established to manage the fishery of which the unit of certification is a part.	① Whether the organization (such as a fisheries cooperative association) and the system (of national, prefecture, fisheries experiment station, etc.) which manage the fishery are established. <div>□ References illustrating the management system of the target fishery</div>	D.1.01, D.107, D.1.08, D.1.09, D.1.10	No organization nor system is established.	N/A	N/A	An organization and a system are established.	N/A			
1.1.3	Understanding of status of the fishery	There shall be knowledge and documentation of the current state of the fishery of which the unit of certification is a part; this includes the following:  ① Outline of the fishery of which the unit of certification is a part. ② Fishing gears and fishing methods ③ Catch volume and fishing effort ④ Fishery business form and business condition	① Summary of the unit of certification <div>□ Materials illustrating a summary of the marine capture fishery (such as fishing period and fishing-ground map</div>	D.3.03, D.4.01, D.5.02	No information are collected or stored.	N/A	N/A	Information are collected and stored.	N/A			
			② Fishing gear and fishing method <div>□ Schematic diagram of fishing tools</div>	D.3.03, D.4.01, D.5.02	No information are collected or stored.	N/A	N/A	Information are collected and stored.	N/A			
			③ Catch amount and fishing effort <div>□ Fish catch data, number of fish</div>	D.3.03, D.4.01, D.5.02	No information are collected or stored.	N/A	N/A	Information are collected and stored.	N/A			
			④ Fishery business form and business condition <div>□ Materials illustrating marine capture fishery business form and business condition</div>	D.3.03, D.4.01, D.5.02	No information are collected or stored.	N/A	N/A	Information are collected and stored.	N/A			

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1.2 Compliance and surveillance with regulations and arrangements concerning the unit of certification and the target fishery.											
1.2.1	Compliance with regulations and arrangements	The unit of certification shall be operated in compliance with the relevant regulations and arrangements by national and local governments under the effective and appropriate monitoring, control and surveillance.	① Whether there is an effective management system (including a monitoring system) for complying with the regulations, arrangement, etc. associated with the target fishery.  □ A legal system associated with the target fishery □ An effective management system for having laws, regulations and rules observed	D.1.01, D.107, D.1.08, D.1.09, D.110, D.3.01	No legal system nor management system is available.	N/A	N/A	Both legal system and management system are available.	N/A		
			② Whether there are measures (such as penalties) taken when any regulations, arrangements, etc. associated with the target fishery are not observed, and such measures are implemented.  □ Measures (penalties) when any laws, regulations or rules are not observed	D.1.01, D.1.07, D.1.09, D.1.10, D.3.01	No measures (such as penalties) are available, and are implemented.	N/A	N/A	Measures (such as penalties) are available and are implemented.	N/A		
1.2.2	Formulation and implementation of Stock Management Plan	A Stock Management Plan for the fishery of which the unit of certification is a part and stock under consideration shall be prepared in accordance with the Stock Management Policy (including management objectives and management measures) by the national and local government, in view of the best scientific evidence available. Alternatively, an effective management rules complying with the stock management measures equivalent to the Stock Management Plan shall be established. Further, the implementation status is confirmed.	① Whether the Stock Management Policy concerning comprehensive regulations on fishing effort and fish catch and the Stock Management Plan in accordance with the Stock Management Guidelines (or stock management measures equivalent thereto) for the target fishery and the target stock are prepared.  □ Preparation of Stock Management Policy (including those equivalent thereto) □ Preparation of Stock Management Plan (including those equivalent thereto)	D.2.01, D.3.01	No policy and plan are prepared.	N/A	N/A	Both policy and plan are prepared.	N/A		
			② Whether the implementation status of the Stock Management Plan is checked and confirmed by the organization which manages the fishery.  □ Implementation report on the Stock Management Plan	D.1.01, D.1.02, D.1.03, D.1.04, D.1.05, D.1.07, , D.1.09, D1.10, D.3.01	The report is not observed.	N/A	N/A	The report is observed.	N/A		
1.2.3	Participatory management and ensuring transparency	Decision-making process for the management of for the fishery of which the unit of certification is a part shall be transparent and ensure the participation of stakeholders including relevant fishers, scientists, the government and other interested parties.	① Whether relevant fishers, researchers, government and other interested parties participate in the decision-making on the management of the target fishery.  □ An organizational chart or a summary of participation of interested parties	D.1.05,	No involvement of interested parties.	Although interested parties are involved, there is a portion with no evidence.	Although interested parties are involved, there is a room for improvement.	Interested parties are involved.	N/A		
			② Whether there exists an agreement forming process.  □ Rules for the process; records on consultation arriving at the formation of an agreement	D.1.05,	The process does not exist.	Although the process exists, there is a portion with no evidence.	Although the process exists, there is a room for improvement.	The process exists.	N/A		
1.2.4	Establishment of a regional cooperation system	A regional or wide-area stock management system for utilizing the stock under consideration shall be established. If the target stock is internationally managed (such as transboundary fish stocks, straddling fish stocks or highly migratory fish stocks), the fishery shall be operated in compliance with the stock management measures set by the relevant authorities.	① Whether there is a regional or wide-area stock management system for utilizing the stock, in addition to the national (or a local government) which manages the target fishery.  □ An inter-regional stock management system □ An international stock management system	D.1.04, D.1.07, D.1.10	No management system exists.	N/A	N/A	The management system exists.	The stock under consideration is not regional or wide-area stock.		
			② Whether the stock under consideration is managed in compliance with management measures set by the competent management authorities in case the international managed is in place.  □ Measures (such as penalties) in the case of non-compliance with the management measures	D.1.04, D.1.07, D.1.10	The stock is not managed in compliance with the regulations.	N/A	N/A	The stock is managed in compliance with the regulations.	The stock under consideration is not regional or wide-area stock.		
1.2.5	Formulation of plan of fish release	In the case that releasing the seedlings of stock under consideration is in place, the plan of fish release shall be formulated and implemented upon consultation of the national or local government with relevant fishers.	① Whether a plan of fish release is formulated upon consultation of the national or a local government with relevant fishers and implemented.  □ Plan of fish release (including those equivalent thereto) □ Implementation status (reports)	D.1.05, D.3.01	No plan of fish release is formulated nor implemented.	Although a plan of fish release is formulated and implemented, there is a portion with no evidence.	Although a plan of fish release is formulated and implemented, there is a room for improvement.	A plan of fish release is formulated and implemented.	No plan of fish release with respect to the target stock.		
1.2.6	Precautionary approach and adaptive management	Fishery management shall be precautionarily carried out in consideration of various uncertainties associated with fishery resources, ecosystem and management. Further, a system shall be available for adaptively amending and improving the content of management measures and policies, in response to the state of the stock under consideration and of the ecosystem.	① Whether a system is available which enables a flexible response in response to an unexpected situation due to an environmental variation, etc.  □ Presence or absence of precautionary measures and a system for adaptive management	D.3.14, D.5.01, D.2.03, D3.12, D.5.01, D.1.02, D.1.03,	No such measures and system are introduced.	Although such measures and system are introduced, there is a portion with no evidence.	Although such measures and system are introduced, there is a room for improvement.	Such measures and system are introduced.	N/A		
1.2.7	Agreement formation concerning multifaceted utilization	In case that activities other than fishery production are carried out in the same water for the unit of certification, stakeholders shall have continuous discussions of the effectiveness of management measures, and the record of discussions shall be maintained.	① If applicable, whether there is set an occasion of discussions in which a wide range of people concerned other than fishery industry also participate, and the content of the discussions is recorded.  □ Presence or absence of an occasion of discussions □ Record(s) that discussion results are incorporated into the management	D.1.09, D.3.13	No occasion of discussions by stakeholders is set.	Although there is set an occasion of discussions by stakeholders, and discussion results are incorporated into the management, there is a portion with no evidence.	Although there is set an occasion of discussions by stakeholders, and discussion results are incorporated into the management, there is a room for improvement.	There is set an occasion of discussions by stakeholders, and discussion results are incorporated into the management.	In the water area for the unit under consideration, no activities other than production of the fishery are carried out.		
1.2.8	Dissemination of management rules	Information on management rules and fishing activities shall be available to the public.	① Whether information on management rules and fishing efforts is available to people other than fishers.  □ Presence or absence of sending and disclosing information	D.1.05	No information is available to the public.	Although information is available to the public, there is a portion with no evidence.	Although information is available to the public, there is a room for improvement.	Information is available to the public.	N/A		

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2. Requirements on the stock under consideration (Stock under consideration is maintained at a level that allows its sustainable utilization)											
2.1	Understanding of biological information	Biological information (including the following items) of the stock under consideration shall be collected. ① Distribution and migration ② Age, growth and life span ③ Maturity and spawning	① Distribution and migration  ☐ Knowledge and publications concerning distribution ☐ Knowledge and publications concerning migration	D.1.02, D.1.03	No data and information are collected or stored.	Although data and information are collected and stored, there is a portion with no evidence.	Although data and information are collected and stored, there is a room for improvement.	Data and information are collected and stored.	N/A		
			② Age, growth and life span  ☐ Knowledge and publications concerning age and life span ☐ Knowledge and publications concerning growth	D.1.02, D.1.03	No data and information are collected or stored.	Although data and information are collected and stored, there is a portion with no evidence.	Although data and information are collected and stored, there is a room for improvement.	Data and information are collected and stored.	N/A		
			③ Maturity and spawning  ☐ Knowledge and publications concerning maturity ☐ Knowledge and publications concerning spawning	D.1.02, D.1.03	No data and information are collected or stored.	Although data and information are collected and stored, there is a portion with no evidence.	Although data and information are collected and stored, there is a room for improvement.	Data and information are collected and stored.	N/A		
2.2	Scientific evidence	Scientific evidence for determining the status and trends of the stock under consideration shall be collected and maintained.	① Whether the following scientific evidence data are collected and preserved in the management of the target stock, based on international standards such as FAO Guidelines for the routine collection of capture fishery data (hereinafter referred to as FAO Guidelines).  ☐ Fish catch data ☐ Fishing effort data ☐ Other data necessary for stock under consideration	D.4.01, D.5.02	No data and information are collected or stored.	Although data and information are collected and stored, there is a portion with no evidence.	Although data and information are collected and stored, there is a room for improvement.	Data and information are collected and stored.	N/A		
2.3	Consideration of catches by non-target fisheries and resilience	The assessment of the current status and trends of the stock under consideration shall take into account the total fishing mortality caused by other fisheries utilizing the stock under consideration within the distribution area of the stock under consideration, as well as resilience of the stock.	① Whether consideration is given in the stock assessment also to catches of the target stock by fisheries other than the target fishery, in addition to catches by the target fishery.  ☐ Catch data by the target fishery ☐ Catch data by non-target fisheries	D.3.03, D.4.01, D.5.02	No consideration of these data.	Although these data are considered, there is a portion with no evidence.	Although these data are considered, there is a room for improvement.	These data are considered.	N/A		
			② Whether the stock management measures for the target stock consider the impacts on the target stock by all the fisheries which catch the target stock in the distributional area of the target stock.  ☐ Presence or absence of the influences to the target stock by all the fisheries which catch the target stock	D.3.03, D.5.02	No consideration of these data.	Although these data are considered, there is a portion with no evidence.	Although these data are considered, there is a room for improvement.	These data are considered.	N/A		
			③ Whether the assessment of the current situation and tendency of the target stock considers the biological characteristics (such as life span) of the target stock which contribute to resilience.  ☐ Presence or absence of consideration of biological characteristics (such as life span) of the target stock which contribute to resilience	D.5.03	No consideration of these data.	Although these data are considered, there is a portion with no evidence.	Although these data are considered, there is a room for improvement.	These data are considered.	N/A		
2.4	Disclosure of stock assessment and results	Assessment of the status and tends of the stock under consideration shall be conducted based on the collected information, and assessment results shall be incorporated into the decision-making process for management. The assessment methods and results shall be available to the public in a timely manner.	① Whether a stock assessment based on the Best Scientific Evidence Available is conducted. Further, whether precautionary measures and adaptive management based on the stock assessment are implemented.  ☐ Implementation of a stock assessment based on the Best Scientific Evidence Available ☐ Implementation of precautionary measures and adaptive management based on the above Best Scientific Evidence Available	D.1.02, D.2.01, D.2.02, D.3.01, D.3.02, D.3.14, D.5.01, D.5.02	No assessment, measures and management is implemented.	Although the assessment, measures and management are implemented, there is a portion with no evidence.	Although the assessment, measures and management are implemented, there is a room for improvement.	The assessment, measures and management are implemented.	N/A		
			② Whether assessment results are incorporated into the decision-making for preparing a stock management guideline and a stock management plan.  ☐ Report(s) and/or minutes showing the incorporation	D.3.14	No assessment results are incorporated.	Although assessment results are incorporated, there is a portion with no evidence.	Although assessment results are incorporated, there is a room for improvement.	Assessment results are incorporated.	N/A		
			③ Whether an organization which performs the management of fisheries receives the timely and best scientific evidence available concerning the status of the target stock as well as the forecast and degree of adverse effects of the target fishery onto the target stock and ecosystem, and whether the organization which performs the management of fisheries has periodically as needed provided an opportunity to administer controlled processes for collection of information, stock assessment, planning, formation of management objectives and targets, formulation of management measures, and establishment of fishery rules.  ☐ Whether there is a comprehensive system through which timely scientific evidence can be received. <del>☐ Whether there is a comprehensive system to administer controlled processes.</del>	D.1.02, D.1.03	No system exists.	Although the system exists, there is a portion with no evidence.	Although the system exists, there is a room for improvement.	The system exists.	N/A		
			④ Whether information is disclosed in a timely manner on the assessment results and techniques thereof.  ☐ Disclosure of techniques and results of stock assessment	D.3.14	No information is available.	Although information is available, there is a portion with no evidence.	Although information is available, there is a room for improvement.	information is available.	N/A		

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2.5	Establishment of Stock Management Measures	The target reference point by public agencies and the limit reference point or the substitute point based on the best scientific evidence available shall be set for the purpose of maintaining and recovering the stock under consideration to the levels which may achieve the maximum sustainable yield (MSY) or appropriate substitute point.	① Whether “target species” and “limit reference point” or its “substitute point” are defined in compliance with precautionary approach and based on the Best Scientific Evidence Available in the management objectives.  □ Whether the “target reference point” is set to accomplish the MSY (or its substitute point) in average and whether the “limit reference point” is defined to avoid recruitment overfishing and irreversible or moderately reversible influence.  □ <del>Appropriate definition of target species, “limit reference point,” “target reference point” or its “substitute</del>	D.2.03	The terms are not defined.	Although the terms are defined, there is a portion with no evidence.	Although the terms are defined, there is a room for improvement.	The terms are defined.	N/A		
			② Whether the management objectives and management measures to accomplish the management objectives are prepared based on the Best Scientific Evidence Available.  □ Management objectives (including those equivalent thereto) □ Management measures (including those equivalent thereto)	D.2.01, D.2.02,D.3.01, D.3.02	No objectives or measures are prepared.	Although objectives and measures are prepared, there is a portion with no evidence.	Although objectives and measures are prepared, there is a room for improvement.	Objectives and measures are prepared.	N/A		
			③ Whether the outcome benchmark (or those equivalent thereto) is prepared which is consistent with the management objectives to maintain sustainable fisheries and with the limit reference point, target reference point and target related to substitution thereof.  □ Establishment of outcome target (including those equivalent thereto)	D.2.01, D.2.03, D.3.01, D.6.02	No objectives or measures are prepared.	Although objectives and measures are prepared, there is a portion with no evidence.	Although objectives and measures are prepared, there is a room for improvement.	Objectives and measures are prepared.	N/A		
			④ In the case of small-scale fisheries or fisheries with insufficient data, whether fishery management and operation system for small-scale fisheries and fisheries with insufficient data in light of risk management exist and those fisheries are managed under such system.  □ Existence of small-scale fisheries and fisheries with insufficient data □ <del>Existence of management and operation system for small-scale fisheries and fisheries with insufficient data</del>	D1.06	The management and operation system do not exist.	Although the management and operation system exist, there is a portion with no evidence.	Although the management and operation system exist, there is a room for improvement.	The management and operation system exist.	Small-scale fisheries are not operated.		
			⑤ Whether the knowledge of traditional fisheries, fishers and fishery regions which is utilized in the management system may be objectively verified.  □ Existence of verification means	D4.07	The means do not exist.	Although the means exist, there is a portion with no evidence.	Although the means exist, there is a room for improvement.	The means exist.	Small-scale fisheries are not operated.		
2.6	Compliance with TAC	In applicable cases, the total allowable catch (TAC) system shall be complied by the fishery of which the unit of certification is a part.	① Whether TAC system is compiled if such system is implemented and complied.  □ Compliance with TAC	D.2.03	The TAC system is not complied.	N/A	N/A	The TAC system is complied.	The TAC system is not applicable.		
2.7	Prevention of Overfishing	The stock under consideration shall not be overfished. Necessary measures are taken in a timely manner to avoid recruitment overfishing if the stock is below the reference point where stock recovery measures are required to be taken.	① Whether overfishing is defined.  □ For example, definition of overfishing such as reference point (including those equivalent thereto)	D.3.04	The overfishing is not defined.	Although the overfishing is defined, there is a portion with no evidence.	Although the overfishing is defined, there is a room for improvement.	The overfishing is defined.	N/A		
			② Whether it may be checked and confirmed that no overfishing occurs to the target stock.  □ Stock status of target stock	D.3.01, D.3.04, D.6.01	The status corresponds to the definition of overfishing.	Although the status does not correspond to the definition of overfishing, there is a portion with no evidence.	Although the status does not correspond to the definition of overfishing, there is a room for improvement or there is a risk that it will correspond to such definition in the future.	The status does not correspond to the definition of overfishing.	N/A		
			③ Whether management measures are prepared in the case that the stock under consideration are below the level of management objectives which allow the stock to recover in a reasonable time system.  □ Stock recovery measures are prepared (including those equivalent thereto)	D.3.04	Stock recovery measures are not prepared.	Although stock recovery measures are prepared, it may not be confirmed that such measures work effectively (there is a portion with no evidence).	Although stock recovery measures are prepared, it may not be confirmed that such measures work effectively (there is a room for improvement).	Such measures are prepared as to be confirmed to work effectively.	N/A		

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3. Requirements on Consideration for Ecosystem (Appropriate measures should be taken for conservation of ecosystem.)											
3.1 Establishment of Ecosystem-Conscious Management System											
3.1.1	Information for assessment of impact on non-target species and ecosystem	Scientific information on assessment shall be collected and maintained on the following items to assess the impact of stock under consideration on non-target species and the ecosystem.  ① Fish catch and discard of non-target stock ② Bycatch of endangered species by the target fishery and efforts for conservation ③ Information on the essential habitat for stock under consideration (e.g. spawning and nursery sites) ④ Impacts of fishing gear used in the target fishery on the ecosystem (including benthic environment) ⑤ Predator-prey interaction of the stock under consideration ⑥ Balance of whole ecosystem (whether the ecosystem is not disturbed)	① Whether information on the reality of fish catch and discard of non-target stock by the target fishery is collected and understood.  ☐ Presence or absence of fish catch and discard of non-target stock ☐ Collection and understanding of information on the influence by the above matte	D.4.03, D.5.06	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
			② Whether information on the reality of bycatch of endangered species by the target fishery is collected and understood.  ☐ Collection and understanding of information on the influence on endangered species by collection of information compliant with international standards such as FAO Guidelines	D.4.04, D.5.10	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
			③ Whether information on the essential habitat (such as spawning sites and sites for growth of juvenile fish) out of whole habitats of target stock is collected and understood.  ☐ Collection and understanding of information on the important habitat	D.4.05, D.5.08	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
			④ Whether information on the impacts of fishing gears used in the target fishery has on the ecosystem (such as seabed environment) is collected and understood.  ☐ Collection and understanding of information on the impact by the fishing tools used	D.4.05, D.5.08	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
			⑤ Whether information on the predator-prey interaction of target stock is collected and understood.  ☐ Collection and understanding of information on the predator-prey interaction	D.4.06, D.5.09	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
			⑥ Whether information on any risks to the ecosystem other than the above matters arising through the performance of target fishery is collected and understood.  ☐ Collection and understanding of information on the influence on the ecosystem by collection of information compliant with international standards such as FAO Guidelines	D.4.02, D.5.07	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	N/A		
3.1.2	Consideration for Ecosystem	The target fishery shall be operated with consideration for minimizing adverse impact on non-target species and the ecosystem based on the results of items 3.1.1① - ⑥.	① Whether target fishery is performed with consideration for minimizing harmful influence on non-target species, endangered species and the ecosystem.  ☐ Existence of management objectives and outcome indicator (information/data on non-target species, endangered species and the ecosystem) or matters/efforts which seem to be corresponding thereto with respect to harmful influence on non-target species, endangered species and the ecosystem.	D.2.05, D.2.06, D.2.07, D.2.08, D.2.09, D.3.06, D.3.07, D.3.08, D.3.09, D.3.10, D.3.11, D6.05, D.6.06, D.6.07, D.6.08, D.6.09	No management objectives and outcome indicator nor matters/efforts which seem to be corresponding thereto exist.	Although management objectives and outcome indicator or matters/efforts which seem to be corresponding thereto exist, there is a portion with no evidence.	Although management objectives and outcome indicator or matters/efforts which seem to be corresponding thereto exist, there is a room for improvement.	Management objectives and outcome indicator or matters/efforts which seem to be corresponding thereto exist.	N/A		
			② If any severe adverse impact is confirmed in the item ①, whether a measure is taken to avoid unnecessary fish catch and discard such as maximizing release of surviving fish of non-target species and further reducing mortality thereof at such timing.  ☐ Release of surviving fish of unused species, reduction of mortality at release, measures to avoid unnecessary fish catch	D.3.06, D.3.07, D.3.08, D.3.09	No measure is implemented.	N/A	N/A	The measure is implemented.	No severe adverse impact is confirmed.		
			③ In the item ①, whether information is disclosed in a timely manner if the ecosystem is at risk of severe adverse impact by the target fishery.  ☐ Disclosure of information on the influence on the ecosystem (if at risk of serious harmful influence)	D.3.15	No information is disclosed.	N/A	N/A	Information is disclosed.	No severe adverse impact is confirmed.		
3.1.3	Conservation of environment at the fishing ground and habitat	Applicants shall contribute to the conservation of environment where covers fishing ground and habitat of the stock under consideration.	① Whether the applicant contributes to conservation of the environment at fishing-ground and habitat for the target stock. Examples: Conservation of a seaweed bed or a tidal flat, environmental beautification and conservation of a coastal zone, conservation of a river or lake ecosystem, environmental conservation practiced in fishing activities	D.3.11	No contribution is made.	Although a contribution is made, there is a portion with no evidence.	Although a contribution is made, there is a room for improvement.	A contribution is made.	N/A		

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3.2 Consideration of Ecosystem in Fish Farming and Resource Enhancement											
3.2.1	Production of artificial seedlings considering the ecosystem	Production and release of artificial seedlings shall be conducted with due consideration given for maintaining the biological characteristics and genetic diversity.	① Whether permission (permission for private use, water rights, etc.) necessary for seed production is acquired. <div>□ Acquisition of permission or licenses for seed production facilities, wherein the permission specifies requirements including friendliness to the environment</div>	D.1.01	No permission is acquired.	N/A	N/A	The permission id acquired.	No seed production is conducted.		
			② The measures for the preservation of the subpopulation of released artificial seedlings and genetic diversity is carried out. <div>□ Measures for preservation of the subpopulation (such as transplant release) □ Measures for preservation of genetic diversity (such as the number of parent fish)</div>	D.3.11, D.5.04	No measures are implemented.	Although measures are implemented, there is a portion with no evidence.	Although the measures are implemented, there is a room for improvement.	The measures are implemented.	No release of artificial seedling is implemented.		
			③ Whether the parent fish used for seeding production has no record of subcultured, and the applicant takes measures to use the parent fish that provides a clear record of capture. <div>□ The parent fish have catch record □ The parent fish are not subcultured</div>	D.3.11, D.5.04	No measures are implemented.	Although measures are implemented, there is a portion with no evidence.	Although the measures are implemented, there is a room for improvement.	The measures are implemented.	No release of artificial seedling is implemented.		
			④ Whether the record of release (the number of releases, timing, size, etc.) are collected. Whether appropriate release methods (released size, appropriate growth stage, etc.) are implemented. <div>□ Record of release data (the number of releases, release date, size, etc.) □ Considerations of appropriate release methods (growth stage, etc.)</div>	D.3.11, D.5.04	No measures are implemented.	Although measures are implemented, there is a portion with no evidence.	Although the measures are implemented, there is a room for improvement.	The measures are implemented.	No release of artificial seedling is implemented.		
			⑤ Whether measures are taken to prevent the spread of disease. <div>□ System for diagnosis of fish disease □ Measures taken to prevent the spread of fish disease</div>	D.3.11, D.5.04	No measures are implemented.	Although measures are implemented, there is a portion with no evidence.	Although the measures are implemented, there is a room for improvement.	The measures are implemented.	No release of artificial seedling is implemented.		
3.2.2	Establishment of management objectives and measures for maintaining naturally reproduced population	Management objectives as to the stock under consideration shall be developed and management measures based on the objectives shall be implemented to maintain an existing the natural reproductive stock components of the stock under consideration.	① Whether measures such as tagging of released fish enable individual assessment of released and naturally-reproduced populations and hence the effect of releasing is assessed. (Whether the naturally-reproduced population is assessed) <div>□ The effect of releasing is assessed by taking measures such as tagging of released fish</div>	D.2.04, D.3.05, D.5.04, D.5.05, D.6.03, D.6.04	The effect of release is not assessed.	Although the effect of releasing is assessed, there is a portion with no evidence.	Although the effect of releasing is assessed, there is a room for improvement.	The effect of release is assessed.	No release of fish is conducted.		
			② Whether management objectives, outcome indicator, or items and efforts equivalent thereto exist to maintain an existing naturally-reproduced population. <div>□ □ Existence of management objectives, outcome indicators, or items and efforts equivalent thereto for the naturally-reproduced population</div>	D.2.04, D.3.05, D.6.02, D.6.03, D.6.04	Management objectives, outcome indicators, or items and efforts equivalent thereto do not exist.	Although management objectives, outcome indicators, or items and efforts equivalent thereto exist, there is a portion with no evidence.	Although management objectives, outcome indicators, or items and efforts equivalent thereto exist, there is a room for improvement.	Management objectives, outcome indicators, or items and efforts equivalent thereto exist].	No release of fish is conducted.		
			③ Whether efforts as management measures for ② are undertaken at assessing and conserving a habitat for the naturally-reproduced population to maintain the population. <div>□ Efforts at conserving the habitat</div>	D.2.04, D.3.05, D.3.11, D.6.03, D.6.04	No measures are undertaken.	Although measures are undertaken, there is a portion with no evidence.	Although the measures are undertaken, there is a room for improvement.	The measures are undertaken.	No release of fish is conducted.		
3.2.3	Monitoring the impacts of released seedlings on the stock under consideration and the ecosystem	Monitoring of the stock under consideration and its habitat shall be conducted, and measures are taken to avoid the adverse impacts of released seedling on natural reproduction of the stock under consideration and the ecosystem.	① Whether the stock under consideration is biologically and genetically monitored and confirmed that there are no morphological changes in the stock under consideration. <div>□ Biological (genetic fish size, age, number of eggs, timing of migration) and genetic monitoring. □ Confirmation of morphological changes to the stock under consideration.</div>	D.5.04	Not monitored and confirmed.	Although monitored and confirmed, there is a portion with no evidence.	Although monitored and confirmed, there is a room for improvement.	Monitored and confirmed.	No seedlings are released.		
			② Whether information about the impacts of release of artificial seedling on other species and the ecosystem is collected and understood. <div>□ Information about the seed distributional area and growth after the seed is released. □ Other information about influence on other species and the ecosystem.</div>	D.2.04, D.5.04	Information is neither collected nor understood.	Although information is collected and understood, there is a portion with no evidence.	Although information is collected and understood, there is a room for improvement.	Information is collected and understood.	No seedlings are released.		
			③ Whether measures are introduced to avoid adverse impacts of release of artificial seedling on the natural reproduction of the stock under consideration and on the ecosystem. <div>□ Measures taken to avoid adverse impact</div>	D.2.04, D.3.05	No measures are introduced.	Although measures are introduced, there is a portion with no evidence.	Although the measures are introduced, there is a room for improvement.	The measures are introduced.	No seedlings are released.		