

## Summary

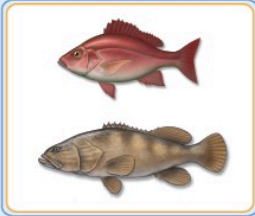


## Indonesia Snapper & Grouper FIP

A fishery improvement project (FIP) is a multistakeholder effort to address environmental challenges in a fishery.

### Summary

Sea Delight's activities to improve the snapper and grouper fishery in Luwuk Banggai are a subset of the activities listed in the regional snapper and grouper FIP Action Plan. Improvement activities include: logbook data collection, biological data collection, landings data collection via Android platform, and SPOT Tracker trials. A regional FIP coordinated by WWF was established in 2011 with the goal of having the fishery meet the MSC certification standard by 2020.



Species	Mixed snapper and grouper species
Location	Central Sulawesi and Northern Moluccas (Luwuk Banggai area)
Gear	Handline
Stakeholders	Ministry of Marine Affairs and Fisheries; Provincial Fishery Departments; WWF, fishing communities, and others
Start Date	January 2011

- Active supply chain participation?
- Public commitment?
- Timebound objectives defined?
- Published work plan?
- System for progress tracking & reporting?
- WWF Indonesia Seafood Savers member?

### Highlights

WWF ID developed a draft fisheries management plan for grouper fisheries in early 2016



Sea Delight supported data collection activities to inform fisheries management in 2015

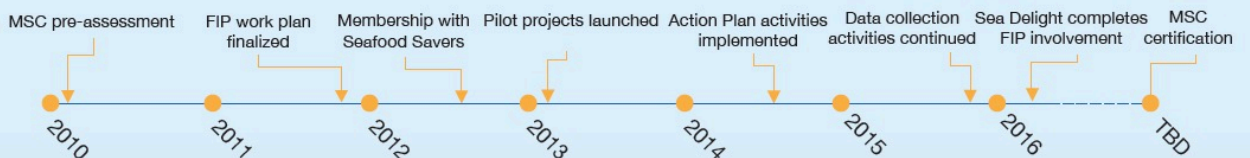


Pilot testing of community based surveillance activities continued in 2015



### Timeline

Prepared on 06.01.16 in collaboration with **FISH WISE**



## 2015-2016 FIP Highlights

1. Fisheries management regulations developed for grouper awaiting approval from government;
2. Logbook data collection activities at processors continued in Pagimana, Pangkalaseang, and Banggai Laut for use in stock assessments;
3. Landings data collection activities using Android app continued at landing sites in Pagimana, Pangkalaseang, and Banggai Laut;
4. SPOT Tracker devices to map fishing grounds continued in Pagimana, Pangkalaseang, and Banggai Laut;



5. Community-based surveillance activities pilot testing continued in Pangkalaseang.

***Sea Delight's FIP Membership and Contribution*** – In February 2016 Sea Delight decided to respectfully withdraw as an officially recognized stakeholder in the WWF Indonesia (WWF-ID) snapper and grouper FIP. The decision to withdraw was based upon company specific needs at the processor level and does not reflect a change of interest in supporting improvement processes for source fisheries. Sea Delight will be aiding WWF – ID in transitioning existing activities over to their processor.

In October 2010 Sea Delight joined the Seafood Savers program as a prerequisite for FIP participation. Seafood Savers is a program led by WWF-ID that engages seafood businesses to work in and promote sustainable fisheries. The Seafood Savers program breaks down the FIP action plan into specific, ground level activities that are then tasked to Seafood Savers' members and other FIP stakeholders. Seafood Savers and WWF-ID estimate that a five-year timeline is needed to complete all initial company activities. As a former participant in good standing, Sea Delight engaged its supply chain in FIP activities for handline caught snapper and grouper from the Luwuk-Banggai area of Indonesia. Sea Delight's most recent activities are outlined below:

### ***2015-2016 Sea Delight FIP Activities***

1. **Logbook Data Collection** - The logbook data records the volume of purchased raw material based on Sea Delight's local supplier's receiving receipts. This activity began in 2011 and reached its third and final year of collection in October 2014. The data set is scheduled for analysis by WWF-ID and will be used in various stock assessments for the fishery.
  - a. **FIP Action Supported** – Collecting data on volumes of raw material purchased contributes FIP Action 3.6 “Stock Productivity”. This fishery dependent data being used to approximate stock status, health, and age distribution.
  - b. **Importance** – Understanding the stock status, health, and age distribution will provide important baseline information to gauge the effect of improvement efforts as well as inform the creation of effective management measures.
2. **Landings Data Collection via Android Platform** – In September 2014 a new method of catch data collection was tested daily in the fishing communities of Pagimana, Pangkalasean and Banggai Laut. Android tablets were used to record and upload the data with an application called “AKVO”. The application records the number of fishermen, number of boats, boat's engine size, length of the vessel and the catch of each target species and the name of the fish in the local dialect. Data was sent to the WWF Seafood Savers administrator automatically whenever an internet connection became available. This activity has continued over the past year with minimal modification but will finish once Sea Delight has terminated its agreement with WWF - ID.
  - a. **FIP Action Supported** – Collecting data on fishery attributes supports FIP Action 3.6 “Stock Productivity” as well as the MOU activity of collecting information on the characteristics of fishing trips.



- b. **Importance** – Understanding the fishery’s attributes provides information on the capacity to catch fish and the amount of fish that are that is necessary for effective management.
- 3. **SPOT Tracker Use** - Satellite communication devices using GPS satellite technology were tested to help map fishing grounds and test the capability of fishers to communicate with simple messages; “I am OK”, “I see illegal fishing” and “Emergency Help!”. SPOT Trackers were ultimately not deployed for IUU use as there were issues with the technology not working properly on cloudy days and a lack of backup from local authorities for reported violations. The SPOT Trackers did successfully help map the fishing grounds of the 3 communities where they were tested. This activity has continued over the past year with minimal modification but will finish once Sea Delight has terminated its agreement with Seafood Savers.
  - a. **FIP Action Supported** – The use of SPOT Tracker supports FIP Activity 1.4 “Development of territorial user rights for fisheries” as well as the MOU activity of collection information on fishing grounds.
  - b. **Importance** – Understanding where fishing effort is directed will aid the creation of effective management measures and inform the placement of possible marine protected areas.

***Sea Delight Next Steps*** – Since arriving at the decision to respectfully withdraw from the FIP, Sea Delight has made strong efforts to transfer the company’s FIP responsibilities over to their primary supplier of snapper and grouper products. Through amicable negotiations, Sea Delight’s supplier agreed to begin the process of attaining Seafood Saver Membership and to subsequently carry on the FIP activities. A smooth transfer of responsibilities is important for the FIP due to the 3 plus years of commercial catch data and one full year of scientific data already collected through ongoing FIP activities by Sea Delight and their supplier. It is anticipated that analysis of the data will lead to the development of a management plan for the fishery in the near future that is based on previously unknown size, sex, maturity, and catch composition. The transition is expected to be complete in Q3 2016.

