

## RESOLUTION 19/06 ON ESTABLISHING A PROGRAMME FOR TRANSHIPMENT BY LARGE-SCALE FISHING VESSELS

### Annual report on Transhipment

**Paragraph 23:**

The CPCs shall report annually before 15 September to the IOTC Executive Secretary:

c) A comprehensive report assessing the content and conclusions of the reports of the observers assigned to carrier vessels which have received transhipment from their LSTLVs

**DEADLINE FOR SUBMISSION OF THE REPORT: 15 SEPTEMBER EVERY YEAR**

Date of reporting (DD/MM/YYYY): 07/04/2021

Reporting year (YYYY): 2019-2020

Reporting flag CPC: INDONESIA

Report on the quantities by species transhipped during the previous year is attached to this report: YES  NO

The report on the list of the LSTLVs registered in the IOTC Record of Fishing Vessels which have transhipped during the previous year is attached to this report: YES  NO

**Assessment of the content and conclusions of the reports of the observers assigned to carrier vessels which have received transhipment from their LSTLVs:**

#### 1. Quality of the summary of the transhipment

Transhipment activities is regulated under the Ministerial Regulation of Ministry of Marine Affairs and Fisheries No. 58 year 2020 concerning on Capture Fisheries Business. For transhipment activities which were conducted during year 2019, it was regulated under the Director General Regulation No. 1 year 2016 concerning on Fishing in One Unit of Operation.

Currently, there are nine Indonesian carrier vessels registered in the IOTC record of authorised vessels. Eight of them are in the list of Annex V Resolution 19/06, which are Mutiara - 39, Hiroyoshi - 17, Mutiara - 36, Abadi Jaya - 101, Perintis Jaya - 89, Bandar Nelayan - 271, Bandar Nelayan - 2017, Bandar Nelayan - 2018.

In 2019, there was only one carrier vessel, namely Hiroyoshi - 17, which operated. The vessel departed from Bena Port on 31 October 2019 and arrived back on November 12, 2019. Hiroyoshi - 17 operated between -13 to -17 degrees south latitude and 107 to 115 degrees east longitude, with partnerships as in the table below:

<b>Fishing Vessels</b>	<b>Fishing Gears</b>	<b>Carrier Vessels</b>	<b>Species</b>
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	BLUEFIN TUNA
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	ALBACORE
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	SABLEFISH
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	SWORDFISH
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	BLACK MARLIN
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	YELLOWFIN
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	BIG EYE TUNA
KM. MUTIARA - 1	Tuna Longline	KM. HIROYOSHI - 17	MOONFISH
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	BLUEFIN TUNA
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	BIG EYE TUNA
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	YELLOWFIN
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	ALBACORE
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	SABLEFISH
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	SWORDFISH
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	BLACK MARLIN
KM. MUTIARA - 2	Tuna Longline	KM. HIROYOSHI - 17	SAILFISH
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	ALBACORE
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	BLUEFIN TUNA
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	SABLEFISH
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	BIG EYE TUNA
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	YELLOWFIN
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	SWORDFISH
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	BLACK MARLIN
KM. MUTIARA - 7	Tuna Longline	KM.HIROYOSHI - 17	SAILFISH
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	MOONFISH
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	BLUEFIN TUNA
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	BIG EYE TUNA
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	YELLOWFIN
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	ALBACORE
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	SABLEFISH
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	SWORDFISH
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	BLACK MARLIN
KM. MUTIARA - 9	Tuna Longline	KM.HIROYOSHI - 17	SAILFISH
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	ALBACORE
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	YELLOWFIN
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	BIG EYE TUNA
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	BLUEFIN TUNA
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	SABLEFISH
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	SWORDFISH

KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	MOONFISH
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	BLACK MARLIN
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	SAILFISH
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	SKIPJACK
KM. MUTIARA - 6	Tuna Longline	KM.HIROYOSHI - 17	DOLPHIN FISH
KM. MUARA INDAH	Tuna Longline	KM.HIROYOSHI - 17	SWORDFISH
KM. MUARA INDAH	Tuna Longline	KM. HIROYOSHI - 17	BLACK MARLIN
KM. MUARA INDAH	Tuna Longline	KM. HIROYOSHI - 17	ALBACORE
KM. MUARA INDAH	Tuna Longline	KM. HIROYOSHI - 17	MOONFISH
KM. MUARA INDAH	Tuna Longline	KM. HIROYOSHI - 17	SAILFISH

Meanwhile, in 2020, there were two carrier vessels operated, namely Hiroyoshi - 17 and Perintis Jaya - 89. The Perintis Jaya – 89 conducted transshipment within Indonesia EEZ, while Hiroyoshi – 17 conducted transshipment both in EEZ and high seas. Transshipment at sea by Hiroyoshi – 17 conducted between 18-24<sup>o</sup> south latitude and 104-110<sup>o</sup> east longitude. In 2020, there were five national observers deployed on board to monitor transshipment at sea. The list of partner vessels during the transshipment as in the table below:

Fishing Vessels	Fishing Gears	Carrier Vessels	Species
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Meka
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Gindara
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Albakor
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Hiu Mera Bulu (CCL)
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Cakalang
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Lemadang
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Albakor
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Meka
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Setuhuk Loreng

KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Lemadang
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	Cakalang
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Albakor
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Gindara
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Meka
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Cahaya Makmur 1	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Gindara

KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Cakalang
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Lemadang
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Bawal Hitam
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Hen	Longline	KM. Hiroyoshi 17	Albakor
KM. Hen	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Hen	Longline	KM. Hiroyoshi 17	Meka
KM. Hen	Longline	KM. Hiroyoshi 17	Setuhuk Loreng
KM. Hen	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Hen	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Hen	Longline	KM. Hiroyoshi 17	Gindara
KM. Hen II	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Layaran
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Baby Tuna
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Layaran
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Baby Tuna
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna

KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Layaran
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Madidihang
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Layaran
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Baby Tuna
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Layaran
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Gindara
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Baby Tuna
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Albakor

KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Southern Bluefin Tuna
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Mata Besar
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Albakor
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Albakor
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Ikan Setan (OIL)
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Meka
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Setuhuk Hitam
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Layaran
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Ikan Merah (LAG)
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Cucut Selendang
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Bawal
KM. Rejeki Terang A	Longline	KM. Hiroyoshi 17	Cakalang
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Gindara

KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya Abadi	Longline	KM. Perintis Jaya 89	Cakalang
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Albakor
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Meka
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Gindara
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Tenggiri



KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Cakalang
KM. Surya Nelayan 2	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Surya Nelayan 2	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Surya Nelayan	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Surya Nelayan	Longline	KM. Perintis Jaya 89	Madidihang
KM. Surya Nelayan	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Surya Nelayan	Longline	KM. Perintis Jaya 89	Albakor
KM. Surya Nelayan 8	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Surya Nelayan 8	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Surya Nelayan 12	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Surya Nelayan 12	Longline	KM. Perintis Jaya 89	Southern Bluefin Tuna
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Madidihang
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Cakalang
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Albakor
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Meka
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Gindara
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Ikan Merah (LAG)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Mata Besar
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Albakor
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Bawal (BRZ)

KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Setuhuk Hitam
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Meka
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Gindara
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Cucut Selendang
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya 17	Longline	KM. Perintis Jaya 89	Cakalang
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 31	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 46	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Semar (LAG)

KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 69	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 66	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Agung Berkah	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 88	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)

KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 36	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Semar (LAG)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 19	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	-
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	-
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Albakor (ALB)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Cakalang (SKJ)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Bawal (BRZ)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Setuhuk Hitam (BLM)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Ikan Pedang (SWO)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Gindara (LEC)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri (OIL)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Semar (OIL)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 47	Longline	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru (SBT)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning (YFT)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Tuna Mata Besar (BET)

KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Albakor(ALB)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Cakalang(SKJ)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Bawal(BRZ)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Setuhuk Hitam(BLM)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Ikan Pedang(SWO)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Gindara(LEC)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri(OIL)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Semar(LAG)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Perintis Jaya 99	Longline	KM. Perintis Jaya 89	Tenggiri(WAH)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru(SBT)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning(YFT)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Tuna Mata Besar(BET)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Albakor(ALB)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Cakalang(SKJ)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Bawal(BRZ)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Setuhuk Hitam(BLM)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Ikan Pedang(SWO)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Gindara(LEC)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri(OIL)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Semar(LAG)
KM. Perintis Jaya 37	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Primus Jaya	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru(SBT)
KM. Primus Jaya	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning(YFT)
KM. Primus Jaya	Longline	KM. Perintis Jaya 89	Tuna Mata Besar(BET)
KM. Bintang Kejora	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning(YFT)
KM. Bintang Kejora	Longline	KM. Perintis Jaya 89	Tuna Mata Besar(BET)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Tuna Sirip Biru(SBT)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Tuna Sirip Kuning(YFT)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Tuna Mata Besar(BET)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Albakor(ALB)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Cakalang(SKJ)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Bawal(BRZ)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Setuhuk Hitam(BLM)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Ikan Pedang(SWO)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Gindara(LEC)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Gindara Kulit Duri(OIL)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Semar(LAG)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Hiu Selendang Biru(BSH)
KM. Jolo Tundo II	Longline	KM. Perintis Jaya 89	Tenggiri(WAH)
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BET

KM. Mutiara 11	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	DOL
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	DOL
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	BET

KM. Mutiara 9	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	DOL
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	ALB

KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	LAG
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	SBT
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	YFT
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	BET
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	ALB
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	SWO
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	BLM
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	LEC
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	TUM
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 11	Longline	KM. Hiroyoshi 17	LAG
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	YFT
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	BET
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	TUM
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	ALB
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	BLM
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	SFA
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	LEC
KM. Cahaya Makmur	Longline	KM. Hiroyoshi 17	LAG
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	SBT
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	YFT



KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	BET
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	ALB
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	TUM
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	SWO
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	BLM
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	SFA
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	LEC
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	TUM
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SWO
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	SFA
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	LAG
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	TUM
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	SKJ
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	BLM
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	WAH
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	LEC
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	OIL
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	DOL
KM. Perintis Jaya 85	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 97	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 205	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 201	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 9	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 97	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 38	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 68	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 10	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 166	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 168	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Sinar Jaya Abadi 8	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Sinar Mas 1	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi

KM. Perintis Jaya VI	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya 49	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Cumi - Cumi
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Ikan hiu
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Lencam
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kaci-kaci
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Bawal
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Gabus
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Sebela
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kerapu
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Ikan hiu
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Lencam
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kaci-kaci
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Bawal
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Gabus
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Tenggiri
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Sebela
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kerapu
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kakap
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Ikan hiu
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kaci-kaci
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Bawal
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Gabus
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Tenggiri
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Sebela
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kerapu
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kakap
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Lencam(LTS)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Kurau(FOT)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Manyung(AUG)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Kwee(NXI)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Kaci Kaci(PKF)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Tenggiri(COM)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Hiu Lanjaman(FAL)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Ikan Sebelah(HAI)
KM. Putra Harapan 12	Gill Net	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kakap Merah(MAL)

KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Lencam(LTS)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kurau(FOT)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Manyung(AUG)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kwee(NXI)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kaci Kaci(PKF)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Hiu Lanjaman(FAL)
KM. Perintis Jaya B-8	Gill Net	KM. Perintis Jaya 89	Ikan Sebelah(HAI)
KM. Putra Harapan 28	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Damai Jaya VIII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Milenium Jaya II	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Damai Jaya VIII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Milenium Jaya 6	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 28	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 30	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 26	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara XII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara III	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya B 1	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 198	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 166	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 97	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 168	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 6	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara I	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 68	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Layang biru (MDS)
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Skip Jack Tuna (SKJ)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Layaran (SFA)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 5	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Meka (SWO)

KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Layaran (SFA)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Lamadang (DOL)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Layaran (SFA)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Bawal / Brama SPP(BRA)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Layaran (SFA)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)

KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Lamadang (DOL)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Bawal / Brama SPP(BRA)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Layaran (SFA)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Tenggiri (WAH)
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Blue Fin Tuna (BLT)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Yellow Fin Tuna (YFT)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Skipjack Tuna (SKJ)
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Albacore (ALB)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Big Eye Tuna (BET)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Albacore (ALB)

KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Escolar (LEC)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Meka (SWO)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Black Marlin (BLM)
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Moon Fist/Opah (LAG)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kurau(FOT)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Manyung(AUG)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Bawal Jenggot(RIT)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kaci Kaci(PKF)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Hiu Macan Pasir(CCT)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Pari Kekeh(RCD)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Lencam(LTS)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kwee(NXI)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Ikan Sebelah(HAI)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Layur(GES)
KM. Perintis Jaya B-II	Gill Net	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Kurau(FOT)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Manyung(AUG)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Bawal Jenggot(RIT)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Hiu Macan Pasir(CCT)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Pari Kekeh(RCD)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Kwee(NXI)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Ikan Sebelah(HAI)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Layur(GES)
KM. Sinar Mas No. 6	Gill Net	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kurau(FOT)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Manyung(AUG)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Bawal Jenggot(RIT)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kaci Kaci(PKF)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Hiu Macan Pasir(CCT)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Pari Kekeh(RCD)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Lencam(LTS)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kwee(NXI)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Ikan Sebelah(HAI)

KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Layur(GES)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Bawal Hitam(BOP)
KM. Sinar Timur 12	Gill Net	KM. Perintis Jaya 89	Tenggiri(COM)
KM. Perintis Jaya 85	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya VI	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 166	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 26	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara III	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara XII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Damai Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Damai Jaya VIII	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Damai Jaya IX	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 30	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Bintang Mutiara 28	Squidjigging	KM. Perintis Jaya 89	Cumi Cumi(SQC)
KM. Perintis Jaya 85	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 168	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 68	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 198	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya VI	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 85	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 97	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya B 1	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya VII	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara XII	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 26	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 28	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara III	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara I	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 30	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya IX	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya VIII	Squidjigging	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Madidihang
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Tuna mata besar
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Cakalang
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Tongkol krai
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Lemadang
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	MARLIN

KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Bawal
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 1	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Marlin
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 6	Longline	KM. Hiroyoshi 17	SBT
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	BET
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	YFT
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Marlin
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Oil fish
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Meka
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Opah
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	ALB
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Bawal
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	Cucut
KM. Tunas Jaya - 1	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Marlin
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Bawal
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 8	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Marlin
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Tenggiri



KM. Mutiara 7	Longline	KM. Hiroyoshi 17	Cucut
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	BET
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	YFT
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Marlin
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Oil fish
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Meka
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Opah
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	ALB
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	Cucut
KM. Hiroyoshi 6	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Marlin
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 3	Longline	KM. Hiroyoshi 17	SBT
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	YFT
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Marlin
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 2	Longline	KM. Hiroyoshi 17	SBT
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	BET
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	YFT
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Marlin
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Oil fish
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Meka
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Opah
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	ALB
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Sumber Rejeki - 1	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	BET
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Marlin

KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Oil fish
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Meka
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	ALB
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Tenggiri
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	Cucut
KM. Mutiara 9	Longline	KM. Hiroyoshi 17	SBT
KM. Pelangi Samudra - 3	Longline	KM. Hiroyoshi 17	BET
KM. Pelangi Samudra - 3	Longline	KM. Hiroyoshi 17	Oil fish
KM. Pelangi Samudra - 3	Longline	KM. Hiroyoshi 17	Opah
KM. Pelangi Samudra - 3	Longline	KM. Hiroyoshi 17	Tongkol
KM. Pelangi Samudra - 2	Longline	KM. Hiroyoshi 17	BET
KM. Pelangi Samudra - 2	Longline	KM. Hiroyoshi 17	Oil fish
KM. Pelangi Samudra - 2	Longline	KM. Hiroyoshi 17	Opah
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	SKJ
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	Lemadang
KM. Mutiara 19	Purse Seine	KM. Hiroyoshi 17	YFT
KM. Damai Jaya VII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Bintang Mutiara 26	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 168	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Bintang Mutiara III	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 68	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 68	Pancing Cumi	KM. Perintis Jaya 89	Nyunglas,Tenggiri (WAH)
KM. Damai Jaya VIII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 85	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 85	Pancing Cumi	KM. Perintis Jaya 89	Tenggiri (WAH)
KM. Bintang Mutiara XII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 85	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya VII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya B 1	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya VI	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 198	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Bintang Mutiara 30	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Bintang Mutiara 28	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Bintang Mutiara I	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 97	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi (SQC)
KM. Perintis Jaya 198	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Kurau(FOT)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Manyung(AUG)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Hiu Macan Pasir(CCT)

KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Lencam(LTS)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Bawal Jenggot(RIT)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Ikan Sebelah(HAL)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Kwee(NXI)
KM. Perintis Jaya B-II	Jaring Insang	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Kakap Merah(MAL)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Kurau(FOT)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Manyung(AUG)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Kwee(NXI)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Lencam(LTS)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Hiu Macan Pasir(CCT)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Gabus Laut(CBA)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Ikan Sebelah(HAL)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Kerapu(GPS)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Tenggiri(COM)
KM. Sinar Timur 12	Jaring Insang	KM. Perintis Jaya 89	Bawal Jenggot(RIT)
KM. Sinar Mas No. 6	Jaring Insang	KM. Perintis Jaya 89	Gulama(RYJ)
KM. Sinar Mas No. 6	Jaring Insang	KM. Perintis Jaya 89	Kurau(FOT)
KM. Sinar Mas No. 6	Jaring Insang	KM. Perintis Jaya 89	Manyung(AUG)
KM. Bintang Mutiara I	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 30	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 26	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Nelayan Samudra 11	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara III	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya B 1	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya VIII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya VIII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya VII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 68	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Damai Jaya IX	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya VI	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara 28	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Perintis Jaya 97	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)
KM. Bintang Mutiara XII	Pancing Cumi	KM. Perintis Jaya 89	Cumi-Cumi(SQC)

## 2. Quality of data related to quantities observed and recorded by the observer

In 2019, for the species that were transferred the most from partner vessels to support vessels (KM. Hiroyoshi 17) was the Albacore (*Thunnus alalunga*) (2,249.2 kg or 2.24 tons) with a percentage of 27% of the total species of fish species transferred. While for Black Marlin

(*Makaira indica*) (919.2 kg) with a percentage of 11%. The total fish weight per species described in the table below:

	Weight (kg)	Percentage (%)
ALB	2.249,2	27,01%
SBT	2085	25,04%
BLM	919,2	11,04%
SEMAR	912,4	10,96%
SWO	800,4	9,61%
BET	594	7,13%
LEC	406,2	4,88%
YFT	211,4	2,54%
SFA	142,8	1,71%
SKJ	6,2	0,07%

In 2020, the total volume of catch which transferred to Hiroyoshi-17 and Perintis Jaya-89 were 760 tonnes, consisted of 32 species, with details described in the table below:

a. Species transferred to Hiroyoshi-17

No	Species	Catch (kg)
1	Bigeye	111.935,77
2	Skipjack	87.487,35
3	Albacore	72.864,04
4	Southern Bluefin	46.907,8
5	Swordfish	26.488,245
6	Oil fish	25.057,654
7	Moonfish	23.119,212
8	Yellowfin	18.045,04
9	Mixed Species	1.1576
10	Black Marlin	8.044,81
11	Dolphin Fish	2.722,6
12	Frigate tuna	2.000
13	Sailfish	1.653

b. Species transferred to Perintis Jaya-89

No	Species	Catch (kg)
1	Cumi-Cumi	443.457
2	Mixed Species	207.323
3	Blue shark	14.988
4	Albacore	14.828
5	Black Marlin	10.007
6	Oil fish	8.932
7	Moonfish	8.024
8	Swordfish	7.382

9	Bigeye	6.918
10	Yellowfin	5.384
11	Narrow-barred Spanish mackerel	2.650
12	Southern Bluefin	2.295
13	Skipjack	1.458

The highest volume of catch for tuna species which transferred was albacore/ALB (12,55%), followed by southern bluefin tuna/SBT (7,99%), bigeye tuna/BET (4,56%), and yellowfin tuna/YFT (1,64%). There were four fishing gears recorded in the transshipment for both vessels, namely tuna longline (37,61%), purse seine (8,91%), squidjigging (38,31%) and gillnet (15,17%).

### 3. Quality of verification of marking of fishing vessel

The detail information regarding verification of marking of fishing vessel in 2019 as in the table below:

Carrier Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Recorded in the IOTC	
KM. HIROYOSHI - 17	171 No.1718/Bc	YB5548	Not Eligible	√	
Fishing Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Fishing Gear	Recorded in the IOTC
KM. MUTIARA - 1	42 No.2637/Pd	YEB4427	8526397	LL	√
KM. MUTIARA - 2	53 No.2478/Pd	YEB4428	8527652	LL	√
KM. MUTIARA - 6	62 No.2709/Pd	YEB5102	8526763	LL	√
KM. MUTIARA - 7	58 No.2639/Pd	YEB5103	In the process	LL	√
KM. MUTIARA - 9	49 No.1489/Pd	YEB5101	8526957	LL	√
KM. MUARA INDAH	40 No.2631/Pd	YEC4961	In the process	LL	√

The detail information regarding verification of marking of fishing vessel in 2020 as in the table below:

Carrier Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Recorded in the IOTC	
KM. HIROYOSHI - 17	171 No.1718/Bc	YB5548	Not Eligible	√	
Fishing Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Fishing Gear	Recorded in the IOTC
KM. HIROYOSHI - 6	120 No.1748/Pd	YEA5335	8527468	LL	√
KM. MUTIARA - 1	42 No.2637/Pd	YEB4427	8526397	LL	√
KM. MUTIARA - 11	59 No.1925/Pd	YEB5109	8527119	LL	√
KM. MUTIARA - 2	53 No.2478/Pd	YEB4428	8527652	LL	√
KM. MUTIARA - 3	45 No.2461/Pd	YEB4429	8527602	LL	√

KM. MUTIARA - 5	43 No.2638/Pd	YEB5126	8565848	LL	√
KM. MUTIARA - 6	62 No.2709/Pd	YEB5102	8526763	LL	√
KM. MUTIARA - 7	58 No.2639/Pd	YEB5103	8565850	LL	√
KM. MUTIARA - 8	56 No. 2534/Pd	YEB5127	8565874	LL	√
KM. MUTIARA - 9	49 No.1489/Pd	YEB5101	8526957	LL	√
KM. MUTIARA - 19	224 No.2148/Pd	YEB5487	8565898	PS	√
KM. TUNAS JAYA - I	38 No. 2538/Pd	YEB4834	8565915	LL	√
KM. CAHAYA MAKMUR - I	59 No.2453/Pd	YEB5161	8527614	LL	√
KM. PELANGI SAMUDRA - 2	66 No.2579/Pd	YEB4461	8527705	LL	√
KM. PELANGI SAMUDRA - 3	78 No.2580/Pd	YEB4916	8527717	LL	√
KM. REJEKI TERANG A	46 No.2581/Pd	YEC5087	8562133	LL	√
KM. CAHAYA MAKMUR	59 No.2698/Pd	YEC4032	Not Eligible	LL	√
KM. HEN	148 No.2682/Pd	YE5367	8526385	LL	√

Carrier Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Recorded in the IOTC	
KM. PERINTIS JAYA - 89	141 No.2324/Pd	YEA4386	Not Eligible	√	
Fishing Vessels	Mark of Tonnage Certificate	Call Sign	IMO number	Fishing Gear	Recorded in the IOTC
KM. BINTANG MUTIARA - I	148 No.1466/MMa	YEA4203	In the process	JIG	X
KM. BINTANG MUTIARA 26	102 No.2943/Pd	YEB 5856	In the process	JIG	X
KM. BINTANG MUTIARA 28	102 No.2938/Pd	YEC5141	In the process	JIG	X
KM. BINTANG MUTIARA 30	58 No.2925/Pd	YEC5170	Not Eligible	JIG	X
KM. BINTANG MUTIARA III	77 No.2432/Pd	YEB5519	8527860	JIG	X
KM. BINTANG MUTIARA XII	86 No.2540/Pd	YEB5386	Not Eligible	JIG	X
KM. DAMAI JAYA IX	58 No.2412/Pd	YEB5424	Not Eligible	JIG	X
KM. DAMAI JAYA VII	39 No.2465/Pd	YEB5421	Not Eligible	JIG	X
KM. DAMAI JAYA VIII	49 No.2466/Pd	YEB 5423	Not Eligible	JIG	X
KM. NELAYAN SAMUDRA 11	143 No.3019/Pd	YEA5558	In the process	JIG	X
KM. PERINTIS JAYA 168	142 No.2727/Pd	YEB4474	In the process	JIG	X
KM. PERINTIS JAYA 166	115 No.2436/Pd	YEB5558	In the process	JIG	X
KM. PERINTIS JAYA 198	167 No.2188/Pd	YEA4999	In the process	JIG	X
KM. PERINTIS JAYA 68	133 No.2923/Pd	YEA4312	In the process	JIG	X
KM. PERINTIS JAYA 85	146 No.2444/Pd	YEB5556	In the process	JIG	X
KM. PERINTIS JAYA 97	118 No.2437/Pd	YEB5557	In the process	JIG	X
KM. PERINTIS JAYA B 1	86 No.2913/Pd	YEC5171	Not Eligible	JIG	X
KM. PERINTIS JAYA B II	86 No.2629/Pd	YEB5900	Not Eligible	GN	X
KM. PERINTIS JAYA VI	157 No.2922/Pd	YEA4316	In the process	JIG	X
KM. PERINTIS JAYA VII	130 No.2691/Pd	YEA4387	In the process	JIG	X
KM. SINAR MAS NO.6	96 No.2696/Pd	YEB5837	Not Eligible	GN	X
KM. SINAR TIMUR 12	86 No.2893/Pd	YEC5172	Not Eligible	GN	X
KM. PERINTIS JAYA 88	48 No.2439/Pd	YEB5155	8527872	LL	√
KM. PERINTIS JAYA 36	99 NO. 2257/Pd	YEB5254	8526579	LL	√
KM. PERINTIS JAYA ABADI	59 No. 2643/Pd	YEB4045	8562028	LL	√
KM. JOLO TUNDO II	45 No.2543/Pd	YEB5902	8563187	LL	√
KM. PERINTIS JAYA 46	74 No.2819/Pd	YEB5468	8527690	LL	√
KM. PERINTIS JAYA 69	75 No.2497/Pd	YEB5471	8527884	LL	√

KM. PERINTIS JAYA 37	58 No.2558/Pd	YEB5467	8527999	LL	√
KM. SURYA NELAYAN	70 No.2556/Pd	YEB5598	8528307	LL	√
KM. SURYA NELAYAN 2	60 No.2297/Pd	YEB5855	8528278	LL	√
KM. SURYA NELAYAN 8	59 No. 2298/Pd	YEB5883	8526177	LL	√
KM. SURYA NELAYAN 12	60 No.2787/Pd	YEC4123	8526323	LL	√
KM. PERINTIS JAYA 17	56 No.1813/Fp	YEB5464	8561995	LL	√
KM. PERINTIS JAYA 31	39 No. 2441/Pd	YEB5466	8562121	LL	√
KM. PERINTIS JAYA 99	90 No.2704/Pd	YEB5156	8562080	LL	√
KM. PERINTIS JAYA 66	58 No.2498/Pd	YEB5160	8562078	LL	√
KM. AGUNG BERKAH	58 No.2610/Pd	YEB5555	8528242	LL	√
KM. PERINTIS JAYA 19	75 No.2496/Pd	YEB5465	8527987	LL	√
KM. PERINTIS JAYA 47	56 No. 2726/Pd	YEB5469	8562042	LL	√
KM. PRIMUS JAYA	105 No.2518/Pd	YEA4207	8527547	LL	√
KM. BINTANG KEJORA	42 No.2468/Pd	YD4816	8527743	LL	√
KM. PERINTIS JAYA 9	23 No.451/Na	YEB5462	Not Eligible	LL	√
KM. SINAR MAS 1	73 No.1715/Ft	-	Not Eligible	JIG	X
KM. PUTRA HARAPAN 12	87 No.2353/Pd	YEB 5894	Not Eligible	JIG	X
KM. PUTRA HARAPAN 28	141 No.1405/MMa	YEB5678	In the process	JIG	X
KM. MILENIUM JAYA 6	70 NO.2678/PD	YEC 4151	Not Eligible	JIG	X

#### 4. Quality of verification of the Authorisation to Fish

The detail information of authorisation to fish period for partner vessels during year 2019 as in the table below:

Fishing Vessels	Period of authorisation FROM	Period of authorisation TO
KM. MUTIARA - 1	22/03/2019	19/03/2020
KM. MUTIARA - 2	13/02/2019	12/02/2020
KM. MUTIARA - 6	12/07/2019	11/07/2020
KM. MUTIARA - 7	09/04/2019	13/05/2020
KM. MUTIARA - 9	20/05/2019	19/05/2020
KM. MUARA INDAH	24/06/2019	23/06/2020

The detail information of authorisation to fish period for partner vessels during year 2020 as in the table below:

Fishing Vessels	Period of authorisation FROM	Period of authorisation TO
KM. HIROYOSHI - 6	26/12/2019	25/12/2020
KM. MUTIARA - 1	13/04/2020	12/04/2021
KM. MUTIARA - 11	04/08/2020	03/08/2021
KM. MUTIARA - 2	13/02/2020	12/02/2021
KM. MUTIARA - 3	17/12/2019	16/12/2020
KM. MUTIARA - 5	23/10/2020	22/10/2021
KM. MUTIARA - 6	12/07/2020	11/07/2021
KM. MUTIARA - 7	14/05/2020	13/05/2021

KM. MUTIARA - 8	04/09/2020	03/09/2021
KM. MUTIARA - 9	12/06/2020	11/06/2021
KM. MUTIARA - 19	29/01/2020	28/01/2021
KM. TUNAS JAYA - I	13/02/2020	12/02/2021
KM. CAHAYA MAKMUR I	15/10/2020	14/10/2021
KM. PELANGI SAMUDRA 2	20/05/2020	19/05/2021
KM. PELANGI SAMUDRA 3	20/05/2020	19/05/2021
KM. REJEKI TERANG A	11/03/2019	10/03/2020
KM. CAHAYA MAKMUR	04/03/2019	03/03/2020
KM. HEN	27/08/2020	26/08/2020
KM. SUMBER REJEKI - 1	30/01/2020	29/01/2021
KM. BINTANG MUTIARA - I	04/09/2020	03/09/2021
KM. BINTANG MUTIARA 26	04/09/2020	03/09/2021
KM. BINTANG MUTIARA 28	04/09/2020	03/09/2021
KM. BINTANG MUTIARA 30	04/09/2020	03/09/2021
KM. BINTANG MUTIARA III	25/10/2020	24/10/2021
KM. BINTANG MUTIARA XII	04/09/2020	03/09/2021
KM. DAMAI JAYA IX	07/07/2020	06/07/2021
KM. DAMAI JAYA VII	20/12/2019	19/12/2020
KM. DAMAI JAYA VIII	23/11/2019	22/11/2020
KM. NELAYAN SAMUDRA 11	05/07/2020	04/07/2021
KM. PERINTIS JAYA 168	14/07/2020	13/07/2021
KM. PERINTIS JAYA 166	04/09/2020	03/09/2021
KM. PERINTIS JAYA 198	19/03/2020	18/03/2021
KM. PERINTIS JAYA 68	04/09/2020	03/09/2021
KM. PERINTIS JAYA 85	14/07/2020	13/07/2021
KM. PERINTIS JAYA 97	10/07/2020	03/09/2021
KM. PERINTIS JAYA B 1	04/09/2020	03/09/2021
KM. PERINTIS JAYA B II	04/05/2020	03/05/2021
KM. PERINTIS JAYA VI	04/09/2020	03/09/2021
KM. PERINTIS JAYA VII	04/09/2020	03/09/2021
KM. SINAR MAS NO.6	26/03/2020	25/03/2021
KM. SINAR TIMUR 12	08/05/2020	07/05/2021
KM. PERINTIS JAYA 88	08/11/2020	07/11/2021
KM. PERINTIS JAYA 36	02/05/2020	01/05/2021
KM. PERINTIS JAYA ABADI	09/05/2020	08/05/2021
KM. JOLO TUNDO II	08/08/2019	07/08/2020
KM. PERINTIS JAYA 46	08/01/2020	07/01/2021
KM. PERINTIS JAYA 69	20/12/2019	19/12/2020
KM. PERINTIS JAYA 37	20/12/2019	19/12/2020
KM. SURYA NELAYAN	20/12/2020	19/12/2021
KM. SURYA NELAYAN 2	17/12/2020	16/12/2021
KM. SURYA NELAYAN 8	26/08/2020	25/08/2021
KM. SURYA NELAYAN 12	11/07/2020	10/07/2021
KM. PERINTIS JAYA 17	30/01/2020	28/01/2021
KM. PERINTIS JAYA 31	13/05/2020	12/05/2021
KM. PERINTIS JAYA 99	05/02/2020	04/02/2021



KM. PERINTIS JAYA 66	21/10/2020	20/01/2021
KM. AGUNG BERKAH	14/01/2020	13/01/2021
KM. PERINTIS JAYA 19	26/12/2019	25/12/2020
KM. PERINTIS JAYA 47	13/05/2020	12/05/2021
KM. PRIMUS JAYA	28/01/2020	27/01/2021
KM. BINTANG KEJORA	18/10/2019	17/10/2020
KM. SINAR MAS 1	04/09/2020	03/09/2021
KM. PUTRA HARAPAN 12	15/10/2019	14/10/2020
KM. PUTRA HARAPAN 28	26/04/2020	25/04/2021
KM. MILENIUM JAYA 6	14/05/2020	13/05/2021

## 5. Quality of verification of the Fishing logbook

The officers of DGCF verify every single logbook submitted by the fishing vessel. There are 6 points for evaluating the logbook, such as fishing ground, number of set-haul, volume and composition of catch, fished species, catch per set-haul, and VMS. The fisher will get notification e-mail (cc. fishing port) to revise or comments when the verifier find some alleged mistakes in logbook, such as the number of set-haul is too small than the number of sailing days.

## 6. Quality of verification of the VMS

The VMS is an obligation for fishing vessel above 30 GT. The VMS is managed by DG of Surveillance and DG of Capture Fisheries has access to use VMS data in order to assess the compliance of the fishers. Fishing logbook verification will overlay the spatial information on fishing ground (from fishing logbook) and VMS. DGCF evaluate the VMS activation during fishing operation. DG of Surveillance will warn the fishing vessel owner when the VMS is inactive as well. MMAF implement tight supervision on VMS.

In period 2019-2020, all the fishing vessels and the partnership vessels above 30 GT which conducted transshipment at sea have activated VMS during operation.

## 7. Others comments

The trial project of transshipment at sea for Indonesian wooden vessels is very useful and welcomed by fishery business actors because it can maintain the quality of the catch to get competitive economic value in the market. The Indonesian government has implemented an observer program, logbook and VMS as a tool to monitor the supervision of these projects.

## 8. Conclusion(s)

Indonesia proposes that this trial project be made permanent for Indonesia as part of the transshipment at sea activities recognized by the IOTC.