

### Supplementary Material

#### Developing indicators to detect the use of fish-aggregating devices

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**Table S1.** Catch composition of purse seine based at Kendari Fishing Port (source: ACIAR-CFR Project 2013–2016).

Species		Total catch enumerated (kg)	
Common name	Scientific name	2013–2015	%
		<i>n</i> = 92 trips	
Frigate tuna	<i>Auxis thazard</i>	745,405	27.343
Skipjack tuna	<i>Katsuwonus pelamis</i>	664,696	24.383
Yellowfin tuna (small)	<i>Thunnus albacares</i>	542,608	19.904
Scads nei	<i>Decapterus</i> spp.	524,099	19.225
Bigeye tuna (small)	<i>Thunnus obesus</i>	149,711	5.4918
Frigate tuna/Bullet tuna nei	<i>Auxis</i> spp.	88,262	3.2377
Eastern little tuna (kawakawa)	<i>Euthynnus affinis</i>	11,300	0.4145
	<b>Total</b>	<b>2,726,081</b>	<b>100</b>

**Table S2.** Catch composition of hand line and troll line based at Kendari Fishing Port (source: ACIAR-CFR Project 2013–2016).

Species		Total catch enumerated (kg)					
Common name	Scientific name	2013*	2014	2015	2016	Total	%
		<i>n</i> = 76	<i>n</i> = 144	<i>n</i> = 162	<i>n</i> = 165	547 trips	
Yellowfin tuna (small)	<i>Thunnus albacares</i>	40,418	76,010	75,885	73,233	265,546	46.32
Skipjack tuna	<i>Katsuwonus pelamis</i>	31,954	74,405	64,805	56,978	228,142	39.80
Bigeye tuna (small)	<i>Thunnus obesus</i>	2,640	9,605	9,346	13,202	34,793	6.07
Frigate tuna	<i>Auxis thazard</i>	2,221	9,080		300	11,601	2.02
Eastern little tuna (Kawakawa)	<i>Euthynnus affinis</i>		600	1,620	6,927	9,147	1.60
Black marlin	<i>Makaira indica</i>	1,568	2,352	2,170	1,246	7,336	1.28
Yellowfin tuna (large)	<i>Thunnus albacares</i>	1,303	1,671	2,140	1,848	6,962	1.21
Frigate tuna/Bullet tuna nei	<i>Auxis</i> spp.		900	910	2,045	3,855	0.67
Bigeye tuna (large)	<i>Thunnus obesus</i>	222	858		615	1,695	0.30
Various sharks nei	NA		120	535	933	1,588	0.28
Common dolphinfish	<i>Coryphaena hippurus</i>	656	236	100	60	1,052	0.18
Tiger shark	<i>Galeocerdo cuvier</i>			700		700	0.12
Marlins, sailfish, spearfish etc. nei	Istiophoridae	163	100			263	0.05
Blue marlin	<i>Makaira nigricans</i>	233				233	0.04
Silky shark	<i>Carcharhinus falciformis</i>		130			130	0.02
Scads nei	<i>Decapterus</i> spp.	80				80	0.01
Blue shark	<i>Prionace glauca</i>	65				65	0.01
Striped marlin	<i>Tetrapturus audax</i>		65			65	0.01
Narrow-barred Spanish mackerel	<i>Scomberomorus commerson</i>	6	8			14	0.00
Rainbow runner	<i>Elagatis bipinnulata</i>				8	8	0.00
Barracuda	<i>Sphyraena</i> spp.		5			5	0.00
	<b>Total</b>	<b>81,529</b>	<b>176,145</b>	<b>158,211</b>	<b>157,395</b>	<b>573,280</b>	<b>100</b>