

2nd E-REPORTING AND E-MONITORING WORKING GROUP MEETING(ERandEMWG2)

The Stones Hotel, Bali Indonesia

1-2 August 2016

PILOT TEST ON MARLIN (ELECTRONIC LOGSHEET) OPERATION

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Bureau of Fisheries and Aquatic Resources

Philippines



BACKGROUND



MARLIN 100

- ❖ Multi-function electronic logbook terminal
- ❖ Data patterned from SPC/FFA Regional Purse Seine Logsheet format
- ❖ Connected to the vessel's VMS
- ❖ Capable of sending email, daily activity log, fishing area, species caught and fish amount
- ❖ Detects typhoons and weather conditions
- ❖ Soon to be upgraded to WIRELESS TABLET(bluetooth connection) transmitting via same VMS unit



INSTALLATION AND DEMONSTRATION

- ❖ Installed to every Philippine flagged catcher vessel operating in HSP1
- ❖ Conducted training and demonstration to boat captains and fisheries observers



DATA ENTRY



PORT OF DEPARTURE

Melba
Fishing trip
1:22 PM

History Port of departure (1/2) Send

Search

General Santos	PHGES
Gigaquit, Mindanao	PHGGG
Gigmoto, Catanduanes	PHGGM
Gingoog/Masao	PHGIN
Guihulngan	PHGHG
Guimaras/Iloilo	PHGMS
Guinabasan	PHGUI
Guiuan	PHGUN
Hagnava Bay	PHHYB
Hamtic	PHAQE
Hijo Wharf/Davao	PHHIJ
Hilongos	PHHIL
Himamaylan, Negros	PHHIM
Hinatuan/Bislig	PHHNT

DEPARTURE DATE

Melba
Fishing trip
1:23 PM

History Start date (2/2) Send

7 month 28 day 2016 year

13 hour 23 minute

ACTIVITY

The screenshot shows a web browser window titled "Melba" with a sub-header "Fishing trip" and a timestamp of "1:18 PM". The main content area is titled "Activities" and contains a "History" button. The activity list consists of three entries:

- Fishing activity
- No fishing activity
- Port of arrival

The interface includes a vertical sidebar on the left with icons for mail, a purple hourglass, a lightbulb, a Wi-Fi signal, a key, and a red circular icon at the bottom.

LOCATION

Melba
Fishing trip
1:19 PM

Cancel Location (1/6) Send

Latitude 0 deg 0 min 0 sec N S

Longitude 0 deg 0 min 0 sec E O

?

SET START DATE AND TIME

Melba Fishing trip 1:18 PM

Cancel Start date (2/6) Send

month 10 ▲ ▼ day 1 ▲ ▼ year 2015 ▲ ▼

4 ▲ ▼ hour 20 ▲ ▼ minute

◀ ▶

SET END DATE AND TIME

Melba Fishing trip 1:20 PM

Cancel End date (3/6) Send

month ▲▼ day ▲▼ year ▲▼

▲▼ hour ▲▼ minute

◀ ▶

SCHOOL ASSOCIATION

Melba
Fishing trip
1:20 PM

Cancel School association code (4/6) Send

- Unassociated
- Feeding on baitfish
- Drifting log, debris or dead animal
- Drifting raft, fad or payao
- Anchored raft, fad or payao**
- Live Whale
- Live whale shark

?

FISH CAUGHT

The screenshot shows a software window titled "Melba" with a subtitle "Fishing trip" and a timestamp of "1:21 PM". The window contains a list of fish categories, with "Tunas" selected. A "Cancel" button is visible at the top left of the list area. The interface includes a search bar at the top, a list of categories on the left, and a scroll bar at the bottom.

Melba
Fishing trip
1:21 PM

Cancel

Fish group (1/7)

- Billfishes
- Mackerels
- Marine turtles
- Other fish species
- Sardines
- Scads
- Sharks
- Sharks and rays
- Tunas**
- Whales and dolphins

SPECIES CAUGHT

Melba Fishing trip 1:20 PM

Cancel Fish species (2/7)

Search:

Albacore Tuna	ALB
Bigeye Tuna	BET
Bullet Tuna	BLT
Dogtooth Tuna	DOT
Frigate Tuna	FRI
Longtail Tuna	LOT
Mackerel Tuna	KAW
Pacific Bluefin Tuna	PBF
Skipjack Tuna	SKJ

Navigation: ◀ ▶

SPECIES QUANTITY

Melba Fishing trip 1:22 PM

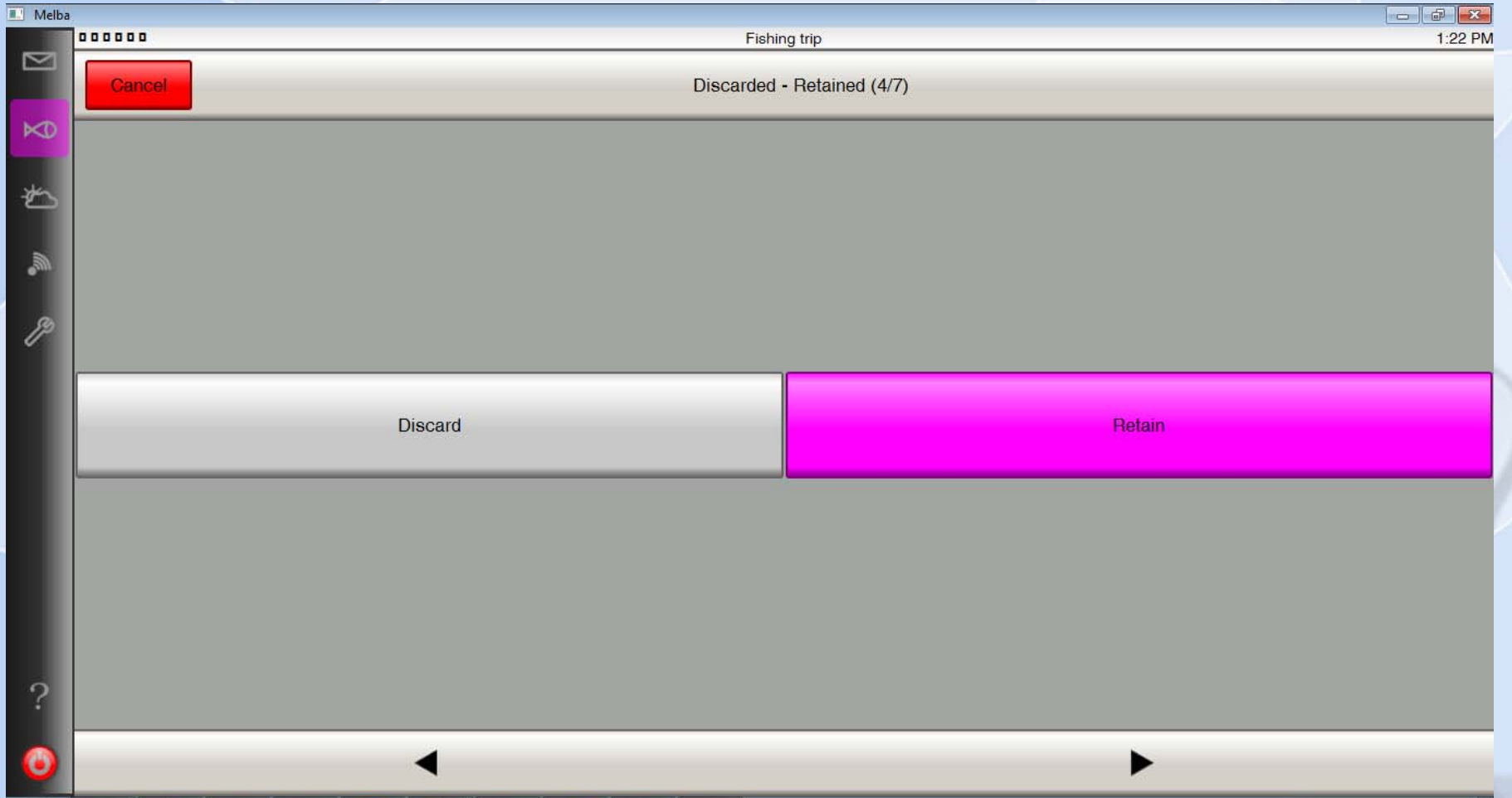
Cancel Fish quantity (3/7)

Quantity (T) 20.0 T

1	2	3
4	5	6
7	8	9
.	0	←

← →

FATE



FATE

Melba Fishing trip 1:22 PM

Reason of retain (5/7)

Cancel

Crew consumption (on board)	RCC
Fins retained (shark only)	RFR
Gilled and gutted (kept for sale)	RGG
Headed and gutted (billfish only)	RHG
Other reason	ROR
Partial (e.g. fillet, loin)	RPT
Whole weight	RWW

Navigation: Left arrow, Right arrow

FISH CARRIER NAME

Melba Fishing trip 1:24 PM

Receiver (6/7)

Cancel

JUNIE

Ishi

808

811

San Andres 878

San Andres 678

nyerra hyssene

KEKIRO

jerome

fb amaba

◀ + ▶

FISHHOLD NUMBER

Melba Fishing trip 1:24 PM

Cancel

Hole number (7/7)

Hole number 10

1	2	3
4	5	6
7	8	9
0	←	

◀ ▶

NUMBER OF FADS

Melba
Fishing trip
1:20 PM

Cancel

Number of FADs (5/6)

Send

Number of FADs 1

1	2	3
4	5	6
7	8	9
0	←	

←

→

OTHER ACTIVITY

The screenshot shows a software window titled "Melba" with a subtitle "Fishing trip". The window has a standard OS title bar with minimize, maximize, and close buttons, and a timestamp of "1:21 PM". The main content area is titled "Other activities (1/5)" and contains a list of activities. A "Cancel" button is located at the top left of the list, and a "Send" button is at the top right. A vertical sidebar on the left contains several icons: a purple icon with a fish, a lightbulb, a Wi-Fi signal, and a key. At the bottom of the window, there is a horizontal scrollbar with left and right arrow buttons.

Melba
Fishing trip
1:21 PM

Cancel

Other activities (1/5)

Send

- Searching
- Transit
- Breakdown
- Bad weather
- In Port or Others
- Net cleaning set
- Deploying or retrieving rafts, fads or payaos

PORT ARRIVAL

Melba
Fishing trip
1:22 PM

Cancel Port of arrival (1/3) Send

Search

General Santos	PHGES
Gigaquit, Mindanao	PHGGG
Gigmoto, Catanduanes	PHGGM
Gingog/Masao	PHGIN
Guihulngan	PHGHG
Guimaras/Iloilo	PHGMS
Guinabasan	PHGUI
Guiuan	PHGUN
Hagnava Bay	PHHYB
Hamtic	PHAQE
Hijo Wharf/Davao	PHHIJ
Hilongos	PHHIL
Himamaylan, Negros	PHHIM
Hinatuan/Bislig	PHHNT

TRIP HISTORY

Melba Fishing trip 1:31 PM

back History of fishing trips















General Santos 9/29/15	→	In progress...
General Santos 9/28/15	→	General Santos 10/9/15
General Santos 9/28/15	→	General Santos 10/9/15
General Santos 9/28/15	→	General Santos 10/9/15
General Santos 9/29/14	→	General Santos 1/11/15

Navigation icons: back, home, Wi-Fi, key, help, power, eye.

TRIP DETAILS

Melba Fishing trip 1:29 PM

back Fishing trip from 9/28/15 to 10/9/15


















	10/5/15 9:00 AM - 10/5/15 9:00 AM 3° 34' 46" N - 137° 22' 27" E Breakdown	
	10/4/15 9:00 AM - 10/4/15 9:00 AM 3° 25' 38" N - 137° 55' 28" E Bad weather	
	10/3/15 3:30 AM - 10/3/15 8:00 AM 4° 50' 37" N - 137° 0' 27" E 5 FADs, Anchored raft, fad or payao	
	10/2/15 9:00 AM - 10/2/15 9:00 AM 4° 48' 37" N - 136° 59' 28" E Searching	
	10/1/15 9:00 AM - 10/1/15 9:00 AM 4° 30' 34" N - 137° 16' 51" E Deploying or retrieving rafts, fads or payaos	
	9/30/15 9:00 AM - 9/30/15 9:00 AM 5° 40' 22" N - 133° 11' 50" E Transit	
	9/29/15 9:00 AM - 9/29/15 9:00 AM 5° 58' 14" N - 126° 5' 45" E Transit	

Navigation icons: Home, Back, Forward, Search, Power

CATCH DETAILS

Melba Fishing trip 1:30 PM

back Catch report of activity from 10/3/15 to 10/3/15

 Skipjack Tuna (SKJ) 2.7 T Whole weight	KEKIRO Hole 2 
 Yellowfin Tuna (YFT) 2.1 T Whole weight	KEKIRO Hole 2 
 Bigeye Tuna (BET) 0.5 T Whole weight	KEKIRO Hole 2 
 Mackerel Scad (MSD) 4.4 T Whole weight	KEKIRO Hole 2 
 Rainbow runner (RRU) 0.3 T Whole weight	KEKIRO Hole 2 
 Skipjack Tuna (SKJ) 2.3 T Whole weight	KEKIRO Hole 2 
 Yellowfin Tuna (YFT) 1.7 T Whole weight	KEKIRO Hole 2 
 Bigeye Tuna (BET) 0.5 T Whole weight	KEKIRO Hole 2 
 Mackerel Scad (MSD)	

REPORTING



LOG IN PAGE

← → ↻ <https://sip.cls.fr/sip-wui/index.htm> ☆ ☰

SIP 1.0.7
CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite

Login

Login:

Password:

[Lost password](#)

For ask to create a new account, please send an email at ymaya-soriano@cls.fr

VESSEL INFORMATION PAGE

The screenshot displays the SIP (Satellite Information Platform) web interface. The browser address bar shows <https://sip.cls.fr/sip-wui/index.htm>. The page header includes the SIP logo and the text "CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite". The user is logged in as "admin admin / admin".

The main content area is divided into two sections:

- Vessels List:** A table with columns for Name, Country code, Call Sign, and OMI number. The vessel "MANAOAG 2" is selected and highlighted in blue.
- Vessel Information Form:** A form titled "General information" for the selected vessel "MANAOAG 2". The form fields are as follows:
 - Name: MANAOAG 2
 - Country code: PHL
 - Call Sign: (empty)
 - OMI number: (empty)
 - CFR number: (empty)
 - Registration: (empty)
 - ICCAT number: (empty)
 - Beacon number: 502622
 - Is receiver:
 - Shipyard: (empty)
 - Master name: MASTERS02622
 - Master address: (empty)




At the bottom of the page, there is a pagination control showing "Page 2 of 3" and a total of "101 - 200 of 267" records.

- ✓ Name:
- ✓ Country code:
- ✓ Call Sign:
- ✓ OMI number:
- ✓ CFR number:
- ✓ Registration:
- ✓ ICCAT number:
- ✓ Beacon number:
- ✓ Is receiver: (YES OR No)
- ✓ Shipyard:
- ✓ Master name:
- ✓ Master address:

E-REPORTING SPECIFICATION DOCUMENT

SUGGESTED TEMPLATE for VESSEL IDENTIFICATION	PHILIPPINES-MARLIN
Name of Vessel	Name
Flag State Registration Number	Registration
International Radio Call Sign	Callsign
Vessel Owner/Company	
Hull Markings Consistent with CMM 2004-03	
WIN Markings consistent with CMM 2004-03	
WIN formatfor markings consistent with CMM 2004-03	
IMO Number	IMO Number

JOURNEY PAGE(DEFAULT)

← → ↻ <https://sip.cls.fr/sip-wui/index.htm>   

SIP 1.0.7
CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite


Journeys Statistics Administration ▾ admin admin / admin [Change your password](#) [Logout](#)

Journeys

Date between: and:

Results [Export list](#) [Export details](#)

Vessel name (NA)	Radio call sign (RC)	External identification (XR)	Flag state	Start date	End date
JIMMY ONE				15-05-2014 13:10:00	
F/B RRCS 18			PHL	21-04-2014 22:00:00	07-05-2014 04:04:00
RELL & RENN CII			PHL	24-04-2014 11:40:00	

Page 1 of 1 

Displaying items 1 - 3 of 3

JOURNEY (PERIOD SELECTED)

Browser address bar: <https://sip.cls.fr/sip-wui/index.htm>

SIP
CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite

1.0.7

Journeys Statistics Administration

admin admin / admin Change your password Logout

Journeys

Date between: 10-24-2013 and: 05-18-2014

Reset Search

Results Export list Export details

Vessel name (NA)	Radio call sign (RC)	External identification (XR)	Flag state	Start date	End date
JIMMY ONE				15-05-2014 13:10:00	
F/B RRCS 18			PHL	21-04-2014 22:00:00	07-05-2014 04:04:00
RELL & RENN CII			PHL	24-04-2014 11:40:00	
F/B LOURENTINA 8			PHL	12-04-2014 10:46:00	
BATEAU 502478			PHL	12-04-2014 04:12:00	
VIRGIN MARY OF CAYSASAY				06-04-2014 04:36:00	
RELL & RENN 9				28-03-2014 23:23:00	
MANAOAG 2			PHL	13-03-2014 11:03:00	
SAN FELIPE 68			PHL	14-02-2014 23:46:00	
RELL & RENN 10			PHL	07-02-2014 09:30:00	
ARIEL VI			PHL	28-01-2014 08:27:00	
LADY EVELYN 38				25-01-2014 10:52:00	
MARY MEDIATRIX			PHL	23-01-2014 14:35:00	
JIMMY ONE				11-01-2014 20:15:00	03-04-2014 21:58:00
RRCS 15			PHL	02-01-2014 10:39:00	
STELLA MARIS				29-12-2013 05:16:00	

Page 1 of 1

Displaying items 1 - 36 of 36

JOURNEY (VESSEL SELECTED AND EXPORTED)

The screenshot shows a web browser window with the URL <https://sip.cls.fr/sip-wui/index.htm>. The page header includes the SIP logo and the text "CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite". The navigation menu shows "Journeys Statistics Administration". The user is logged in as "admin admin / admin" and can "Change your password Log".

The "Journeys" section has a search filter for "Date between: 10-24-2013 and: 04-30-2014" with "Reset" and "Search" buttons.

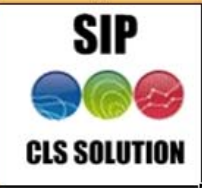
The "Results" section shows a table with the following columns: Vessel name (NA), Radio call sign (RC), External identification (XR), Flag state, Start date, and End date. The table contains 18 rows of vessel data. Two rows are circled in red: "F/B LOURENTINA 8" and "LADY EVELYN 38".

Vessel name (NA)	Radio call sign (RC)	External identification (XR)	Flag state	Start date	End date
F/B RRCS 18			PHL	21-04-2014 22:00:00	07-05-2014 04:04:00
RELL & RENN CII			PHL	24-04-2014 11:40:00	
F/B LOURENTINA 8			PHL	12-04-2014 10:46:00	
BATEAU 502478			PHL	12-04-2014 04:12:00	
VIRGIN MARY OF CAYSASAY				06-04-2014 04:36:00	
RELL & RENN 9				28-03-2014 23:23:00	
MANAOAG 2			PHL	13-03-2014 11:03:00	
SAN FELIPE 68			PHL	14-02-2014 23:46:00	
RELL & RENN 10			PHL	07-02-2014 09:30:00	
ARIEL VI			PHL	28-01-2014 08:27:00	
LADY EVELYN 38				25-01-2014 10:52:00	
MARY MEDIATRIX			PHL	23-01-2014 14:35:00	
JIMMY ONE				11-01-2014 20:15:00	03-04-2014 21:58:00
RRCS 15			PHL	02-01-2014 10:39:00	
STELLA MARIS				29-12-2013 05:16:00	
RELL & RENN CII			PHL	27-12-2013 20:56:00	25-03-2014 10:25:00

Page 1 of 1. Displaying items 1 - 35 of 35.

OUTPUT (START TRIP)

TripDetails_2014-05-22-01-12-44_996.xls [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E
1					
2					
3		TRIP INFOS			
4			Ship name	MANAOAG 2	
5			Beacon number	502622	
6			Captain name	MASTER502622	
7			Start date	2014-03-13 11:03	
8					
9		Port departure			
10			Date	2014-03-13	
11			Time	11:03	
12			Port	General Santos	
13			No species on board		
14			No gears on board		
15					
16		Fishing activity			
17			Start date	2014-03-14 05:11	
18			End date	2014-03-14 15:59	
19			Reason	Transit	
20			Position		
21				Latitude	6.0847
22				Longitude	126.1902
23			No species on board		
24					
25		Fishing activity			
26			Start date	2014-03-15 04:02	
27			End date	2014-03-15 04:02	
28			Reason	Transit	
29			Position		
30				Latitude	6.2008
31				Longitude	127.3130
32			No species on board		
33					

Trip 98011

OUTPUT (DEPLOYING FADS)

TripDetails_2014-05-22-01-12-44_996.xls [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E
142		Fishing activity			
143			Start date	2014-03-24 07:53	
144			End date	2014-03-24 07:53	
145			Reason	Searching	
146			Position		
147				Latitude	4.4697
148				Longitude	139.9225
149			No species on board		
150					
151		Fishing activity			
152			Start date	2014-03-24 09:53	
153			End date	2014-03-24 09:53	
154			Reason	Deploying or retrieving rafts, fads or payos	
155			Position		
156				Latitude	4.4261
157				Longitude	139.9030
158			No species on board		
159					
160		Fishing activity			
161			Start date	2014-03-24 21:33	
162			End date	2014-03-24 21:33	
163			Reason	Searching	
164			Position		
165				Latitude	4.4455
166				Longitude	139.8933
167			No species on board		
168					
169		Fishing activity			
170			Start date	2014-03-25 00:11	
171			End date	2014-03-25 00:11	
172			Reason	Deploying or retrieving rafts, fads or payos	
173			Position		
174				Latitude	4.3825
175				Longitude	139.8897
176			No species on board		
177					
178		Fishing activity			
179			Start date	2014-03-25 00:13	
180			End date	2014-03-25 00:13	

Trip 98011

OUTPUT (WITH SET)

ails_2014-05-22-01-12-44_996.xls [Compatibility Mode] - Microsoft Excel

A	B	C	D	E	F
	Fishing activity				
		Start date	2014-05-16 19:35		
		End date	2014-05-16 23:00		
		School association code	Anchored raft, fad or payao		
		Number of fads	1		
		Position			
			Latitude	4.3669	
			Longitude	139.9791	
		Type	SX		
		Species on board			
		Species	Quantity	Unit	Fate code
		SKJ - Skipjack Tuna	2000	kg	Whole weight
		BLT - Bullet Tuna	100	kg	Whole weight
		FRO - Frigate Tuna	500	kg	Whole weight
		YFT - Yellowfin Tuna	400	kg	Whole weight
	Transshipment				
		Date	2014-05-16		
		Time	23:00		
		Donnor flag	PHL		
		Receiver name	FV JOCELYN		
		Hole	10		
		Species on board			
		Species	Quantity	Unit	Fate code
		YFT - Yellowfin Tuna	400	kg	Whole weight
		FRO - Frigate Tuna	500	kg	Whole weight
		BLT - Bullet Tuna	100	kg	Whole weight
		SKJ - Skipjack Tuna	2000	kg	Whole weight
	Fishing activity				
		Start date	2014-05-17 21:00		
		End date	2014-05-18 22:31		
		Reason	In port		
		Reason in port	Other		
		Position			
			Latitude	4.2333	
			Longitude	139.9563	
		No species on board			

Trip 98011



STATISTICS (FILTER ON ACTIVITIES)

The screenshot shows the SIP web application interface. The browser address bar displays <https://sip.cls.fr/sip-wui/index.htm>. The page header includes the SIP logo, "CLS APPLICATIONS", and the tagline "CLS Group worldwide tracking and environmental monitoring by satellite". The version number "1.0.7" is visible in the top right corner. The navigation menu includes "Journeys", "Statistics", and "Administration". The user is logged in as "admin admin / admin" and has options to "Change your password" and "Logout".

The main content area is titled "Statistics" and features several filter sections:

- Statistics filters:** Start date: 11-01-2014, End date: 04-30-2014, Unit of time: Year.
- Filter on species:** This section is circled in red and contains three options: "Filter on activities", "Captured species", and "Captured species".
- Filter on vessels:** Includes options for "Filter on shipyards" and "Filter on engines".

The "Captured species" table displays the following data:

Receiver	Species	Parts/Weight
- 2014 (3)		
	Skipjack Tuna (SKJ)	6243.3 t
	Bigeye tuna (BET)	642.3 t
	Yellow fin Tuna (YFT)	1318.3 t

The "Search criteria" section shows the following parameters:

- Activity type: Captured species
- Start date: 11-01-2014
- End date: 04-30-2014
- Unit of time: Year

A "Generate" button is located at the bottom of the statistics section.

STATISTICS (FILTER ON SPECIES)

SIP
https://sip.cls.fr/sip-wui/index.htm

SIP 1.0.7
CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite

Journeys Statistics Administration admin admin / admin Change your password Logout

Statistics

Start date: 11-01-2013 End date: 04-30-2014
Unit of time: Year

Filter on species

code	Name
BCW	Cuviers beaked whale
BIS	Bigeye scad
BLM	Black Marlin
BLR	Blacktip reef shark
BLT	Bullet Tuna
BRO	Copper shark
BRW	Brydes whale
BSH	Blue shark
BSK	Basking shark
BTH	Bigeye thresher

code	Name
SKJ	Skipjack Tuna
YFT	Yellowfin Tuna
BET	Bigeye Tuna

Page 1 of 6

Filter on activities
Filter on vessels
Filter on shipyards
Filter on engines

Generate

Captured species Export

Receiver	Species	Parts/Weight
- 2013 (3)		
	Skipjack Tuna (SKJ)	1315.2 t
	Yellowfin Tuna (YFT)	173.1 t
	Bigeye tuna (BET)	17.4 t
- 2014 (3)		
	Bigeye tuna (BET)	642.3 t
	Yellowfin Tuna (YFT)	1318.3 t
	Skipjack Tuna (SKJ)	6243.3 t

Search criteria

Activity type: Captured species
Start date: 11-01-2013
End date: 04-30-2014
Unit of time: Year

statistics_2014-05-18-....xls Show all downloads...

STATISTICS (FILTER ON VESSEL)

SIP
CLS APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite

Journeys Statistics Administration admin admin / admin

Statistics

Start date: 11-01-2013 End date: 04-30-2014
Unit of time: Year

Filter on species
Filter on activities
Filter on vessels

Vessel name	Flag state	Call Sign
803		
807		
809		
819		
ANDREW PHILIP 88		
ARIEL6		
BATEAU 502366	PHL	
BATEAU 502478	PHL	
BFAR		
BFAR MCS		
DANIEL DAVE 10		

Vess...	Flag state	Call Sign	Beacon n
ARIEL VI		PHL	
EL NINO			
F/B LOURENTINA 8		PHL	
FB EL NINO			
FB ELNINO			
FB RRCS 15			
GENEVIVA			
JIMMY ONE			
KINGVER		PHL	
LADY EVELYN 38			
LADY EVELYN 8			

Page 1 of 5

Captured species

Receiver	Species	Parts/Weight
- 2013 (8)		
	Rainbow runner (RRU)	10.3 t
	Bullet Tuna (BLT)	3.8 t
	Mackerel Scad (MSD)	19.5 t
	Bigeye tuna (BET)	17.4 t
	Yellowfin Tuna (YFT)	307.1 t
	Frigate Tuna (FRO)	16.0 t
	Skipjack Tuna (SKJ)	2235.4 t
	Common dolphinfish (DOL)	200 kg
- 2014 (21)		
	Short mackerel (RAB)	100 kg

Search criteria

Activity type: Captured species
Start date: 11-01-2013
End date: 04-30-2014
Unit of time: Year

Generate

SELECT PERIOD AND UNIT OF TIME

SIP
CLs APPLICATIONS CLS Group worldwide tracking and environmental monitoring by satellite

Journeys Statistics Administration admin admin / adr

Statistics

Start date: 11-01-2013 End date: 04-30-2014

Unit of time: Month

Filter on species +
Filter on activities +
Filter on vessels -

Vessel name	Flag state	Call Sign
803		
807		
809		
819		
ANDREW PHILIP 88		
ARIEL6		
BATEAU 502366	PHL	
BATEAU 502478	PHL	
BFAR		
BFAR MCS		
DANIEL DAVE 10		

Vess...	Flag state	Call Sign	Beacon n
ARIEL VI	PHL		
EL NINO			
F/B LOURENTINA 8	PHL		
FB EL NINO			
FB ELNINO			
FB RRCS 15			
GENEVIVA			
JIMMY ONE			
KINGVER	PHL		
LADY EVELYN 38			
LADY EVELYN 8			

Page 1 of 5

Filter on shipyards +
Filter on engines +

Generate


Captured species

Receiver	Species	Parts/Weight
- Apr 2014 (11)		
	Bigeye tuna (BET)	46.2 t
	Bullet Tuna (BLT)	57.6 t
	Mackerel Scad (MSD)	65.7 t
	Yellowfin Tuna (YFT)	387.3 t
	Frigate Tuna (FRO)	18.8 t
	Oxeye scad (LRO)	200 kg
	Rainbow runner (RRU)	8.0 t
	Mackerel Tuna (KAW)	1.0 t
	Skipjack Tuna (SKJ)	2407.4 t
	Island mackerel (RAF)	300 kg
	Short mackerel (RAB)	100 kg

Search criteria

Activity type: Captured species
Start date: 11-01-2013
End date: 04-30-2014
Unit of time: Month

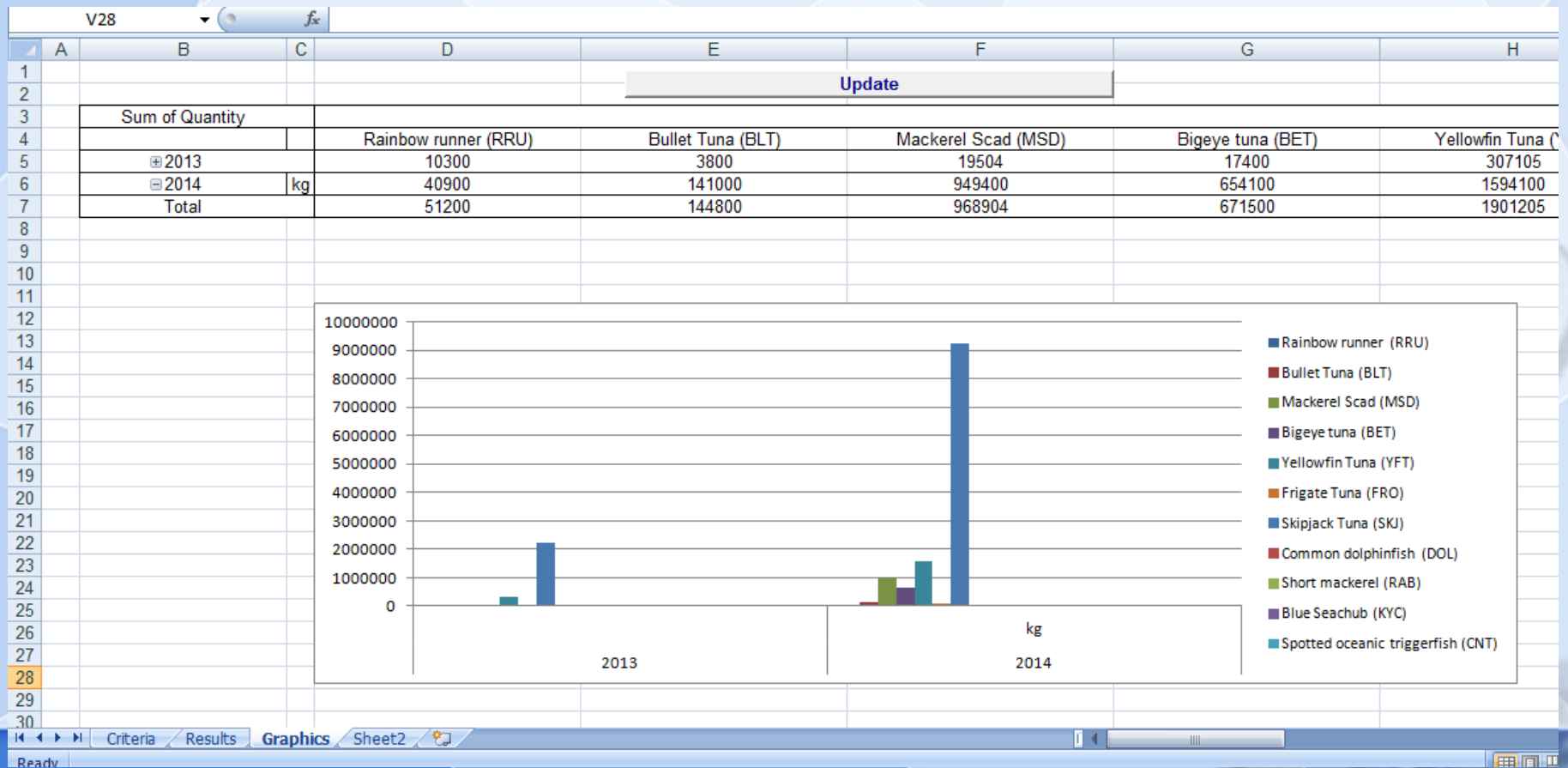
OUTPUT (CRITERIA)

	A	B	C
1			
2		SEARCH CRITERIA	
3			
4		Start date	2013-11-01 00:00
5		End date	2014-04-30 00:00
6		Time unit	Year
7		Activity type	Captured species
8		Selected ships	
9			Name
10			ARIEL VI
11			EL NINO
12			FB EL NINO
13			FB ELNINO
14			F/B LOURENTINA 8
15			FB RRCS 15
16			GENEVIVA
17			JIMMY ONE
18			KINGVER
19			LADY EVELYN 38
20			LADY EVELYN 8

OUTPUT (RESULTS)

	A	B	C	D	E	F
1						
2		RESULTS				
3						
4		Date	Species	Quantity	Unit	
5		2013	Rainbow runner (RRU)	10300	kg	
6		2013	Bullet Tuna (BLT)	3800	kg	
7		2013	Mackerel Scad (MSD)	19504	kg	
8		2013	Bigeye tuna (BET)	17400	kg	
9		2013	Yellowfin Tuna (YFT)	307105	kg	
10		2013	Frigate Tuna (FRO)	16001	kg	
11		2013	Skipjack Tuna (SKJ)	2235404	kg	
12		2013	Common dolphinfish (DOL)	200	kg	
13		2014	Short mackerel (RAB)	100	kg	
14		2014	Blue Seachub (KYC)	100	kg	
15		2014	Bullet Tuna (BLT)	141000	kg	
16		2014	Frigate Tuna (FRO)	66200	kg	
17		2014	Rainbow runner (RRU)	40900	kg	
18		2014	Spotted oceanic triggerfish (CNT)	100	kg	
19		2014	Oxeye scad (LRO)	200	kg	
20		2014	Bigeye tuna (BET)	654100	kg	
21		2014	Mackerel Tuna (KAW)	3700	kg	
22		2014	Black Marlin (BLM)	200	kg	
23		2014	Bigeye scad (BIS)	500	kg	
24		2014	Common dolphinfish (DOL)	1100	kg	
25		2014	Shortfin scad (DCC)	200	kg	
26		2014	Slender Tuna (SLT)	7700	kg	
27		2014	Yellowfin Tuna (YFT)	1594100	kg	
28		2014	Mackerel Scad (MSD)	949400	kg	
29		2014	Island mackerel (RAF)	300	kg	
30		2014	Relagic Stingray (PLS)	100	kg	

OUTPUT (GRAPHICS)



TRANSMITTED CATCH DATA

YEAR	NO. OF VESSELS	SKJ(MT)	YFT(MT)	BET(MT)	OTHERS(MT)	TOTAL
2013	18	2,129.3	283.4	17.7	40.2	2,470.6
2014	32	15,729.9	2,885.2	318.1	1,104.2	20,037.4
2015	31	12,762.3	4,113.4	379.4	951.0	18,206.1
TOTAL		30,621.5	7,282.0	715.2	2,095.4	40,714.1

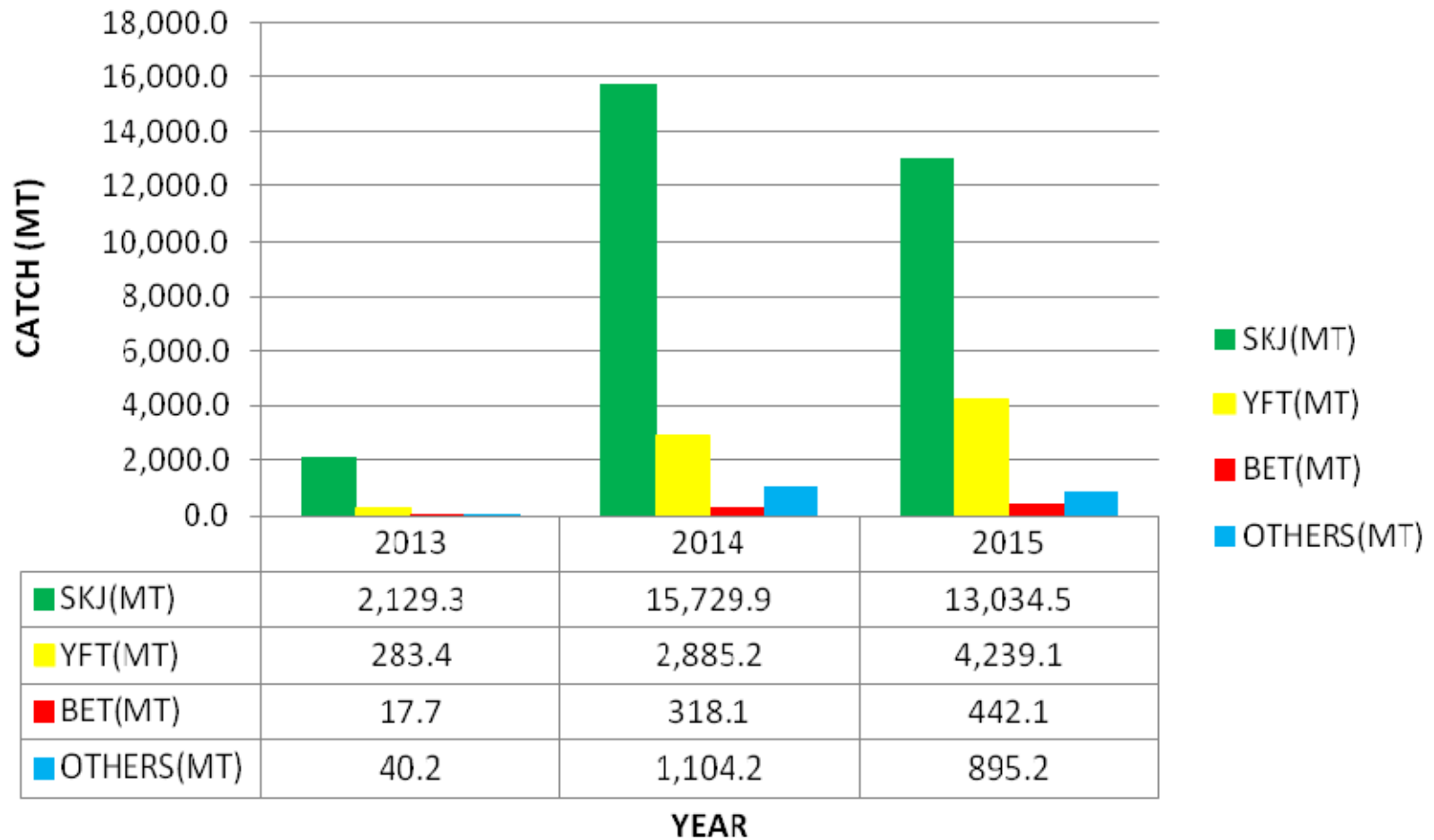
Average of 91% of the catcher vessels in HSP1 were able to transmit data in 2015

MARLIN PLUS RETRIEVED LOGSHEET DATA

YEAR	NO. OF VESSELS	SKJ(MT)	YFT(MT)	BET(MT)	OTHERS(MT)	TOTAL
2013	18	2,129.3	283.4	17.7	40.2	2,470.6
2014	35	18,412.3	3,343.9	466.9	1,337.3	23,560.3
2015	34	15,568.7	5,138.5	487.8	1,116.8	22,356.9
TOTAL		36,110.3	8,810.8	972.4	2,494.3	48,387.8

Vessel logs from Observer report were used to supplement missing MARLIN data

CATCH BY YEAR (Nov 2013-Dec 2015)



CATCH BY MONTH(REPORTED)

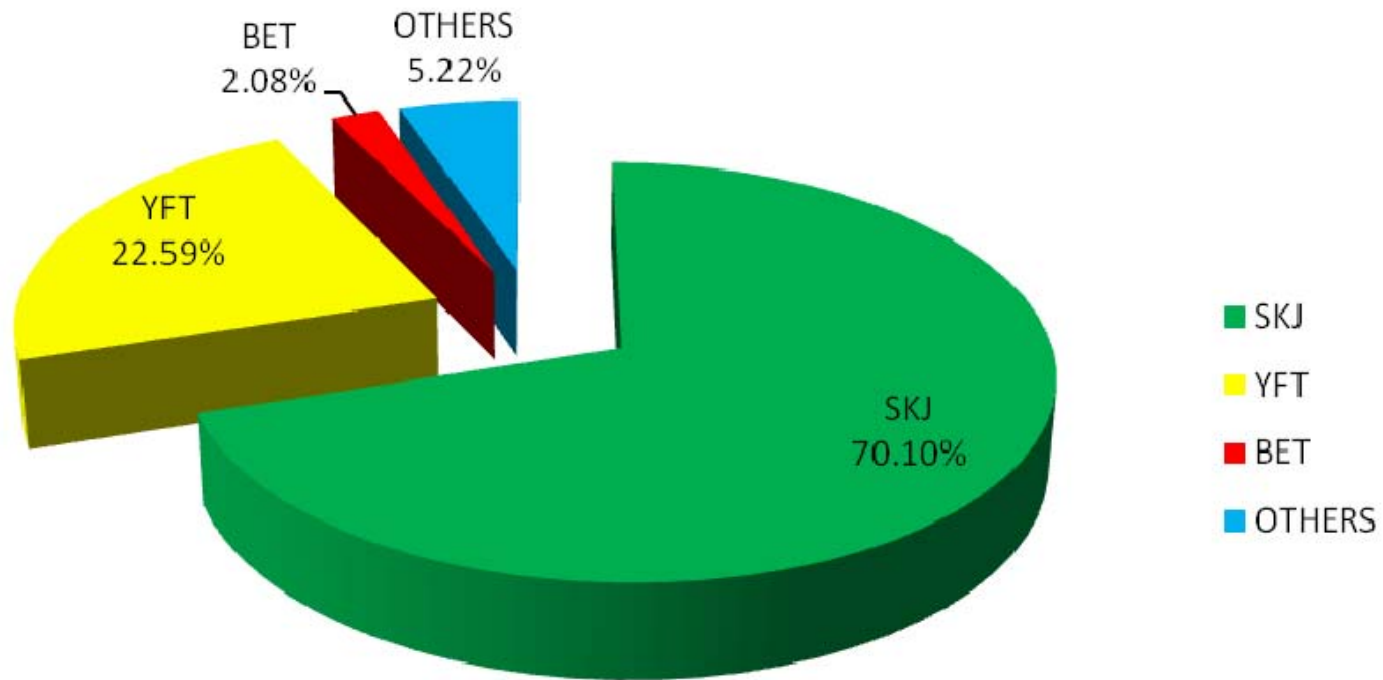
MONTH	SKJ	YFT	BET	OTHERS	TOTAL CATCH	SET	CATCH RATE	NO. OF CATCHERS	AVE. CATCH/ CATCHER
January	661.9	139.6	3	190.9	1085.6	181	5.5	28	35.6
February	423.7	112.6	6.4	110.5	653.2	131	5.0	22	29.7
March	870.9	258.2	68.3	175.2	1,372.6	193	7.1	22	62.4
April	1468.5	567.7	124.5	205.2	2,365.9	272	8.7	23	102.9
May	1546.9	468.4	63.3	131.1	2,209.7	284	7.8	23	96.1
June	1336.9	618.2	47.3	41.5	2,043.9	199	10.3	23	92.9
October	1899.0	720.4	30.7	47.6	2,697.7	164	16.4	17	158.7
November	2359.5	628.6	18.4	34.5	3,041.0	249	12.2	20	152.1
December	2195.0	599.7	17.5	14.5	2,826.7	222	12.7	22	128.5
TOTAL	12,762.3	4,113.4	379.4	895.2	18,206.1	1,896	9.6		587.3

Declining Average catch was observed from October to December

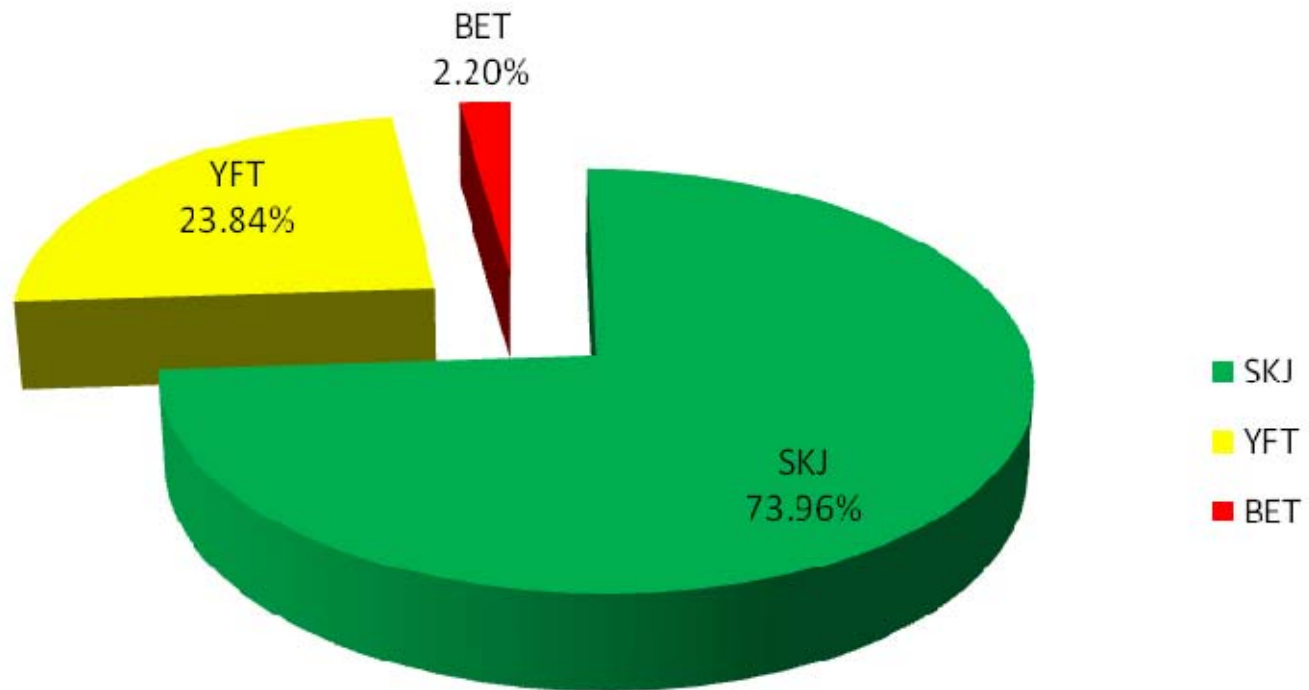
MARLIN PLUS LOGSHEET DATA(SUPPLEMENT)

MONTH	ACTUAL VESSELS OPERATING	TOTAL CATCH (MT)	SKJ (MT)	YFT (MT)	BET (MT)	OTHERS (MT)
January	30	1,343.7	914.0	191.1	5.1	233.5
February	27	738.3	487.8	126.9	6.4	117.3
March	26	1,703.5	1,086.6	336.0	76.8	204.2
April	27	2,847.5	1,789.9	714.7	125.3	217.7
May	29	2,785.5	1,975.0	577.4	83.7	149.4
June	28	2,563.8	1,653.6	769.9	90.6	49.8
October	20	3,061.9	2,088.7	853.0	48.7	71.5
November	25	3,734.6	2,836.9	824.7	27.1	45.9
December	27	3,578.0	2,736.3	789.9	24.1	27.7
TOTAL		22,356.9	15,568.7	5,183.5	487.8	1,116.8

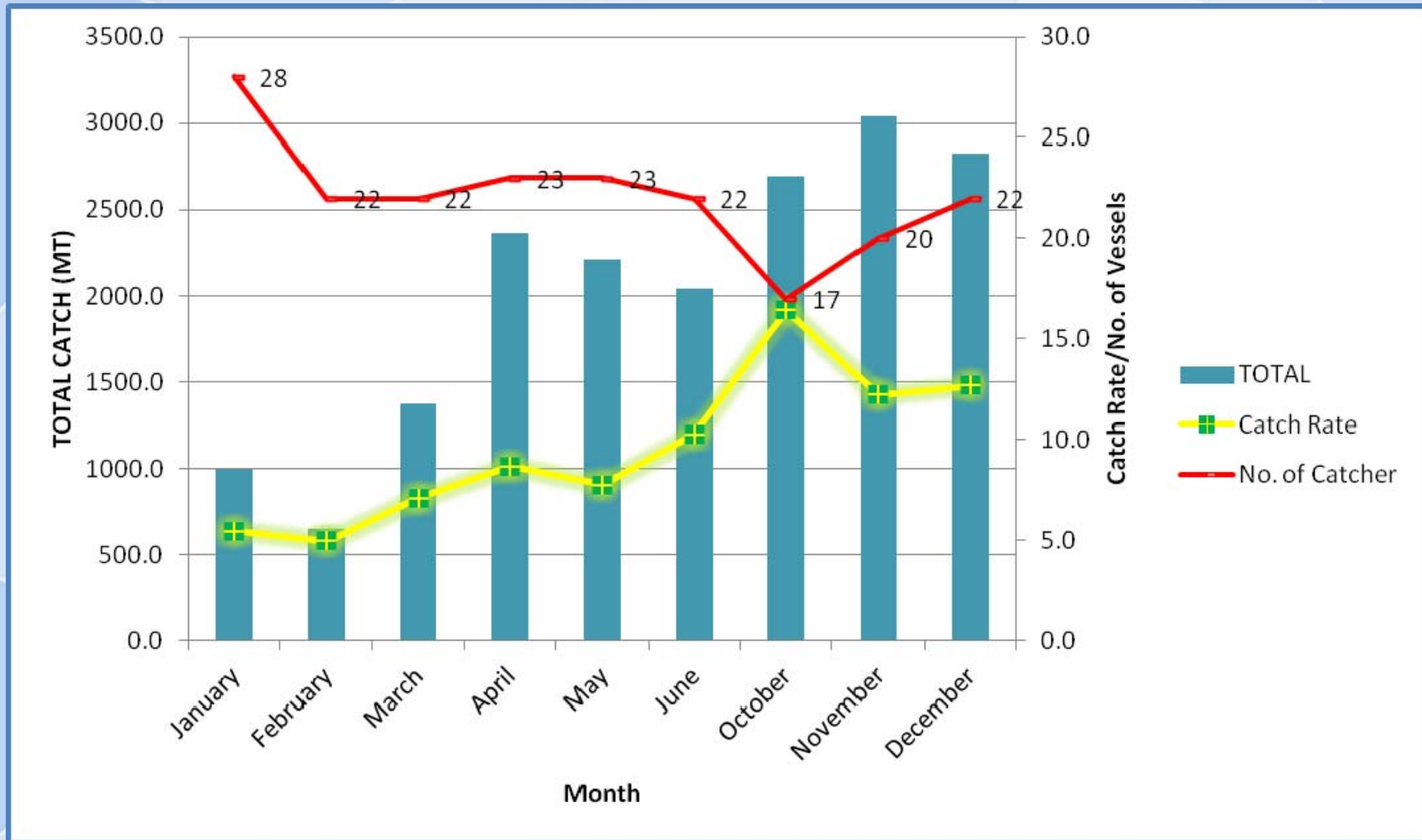
2015 CATCH COMPOSITION



2015 CATCH COMPOSITION (TUNA ONLY)

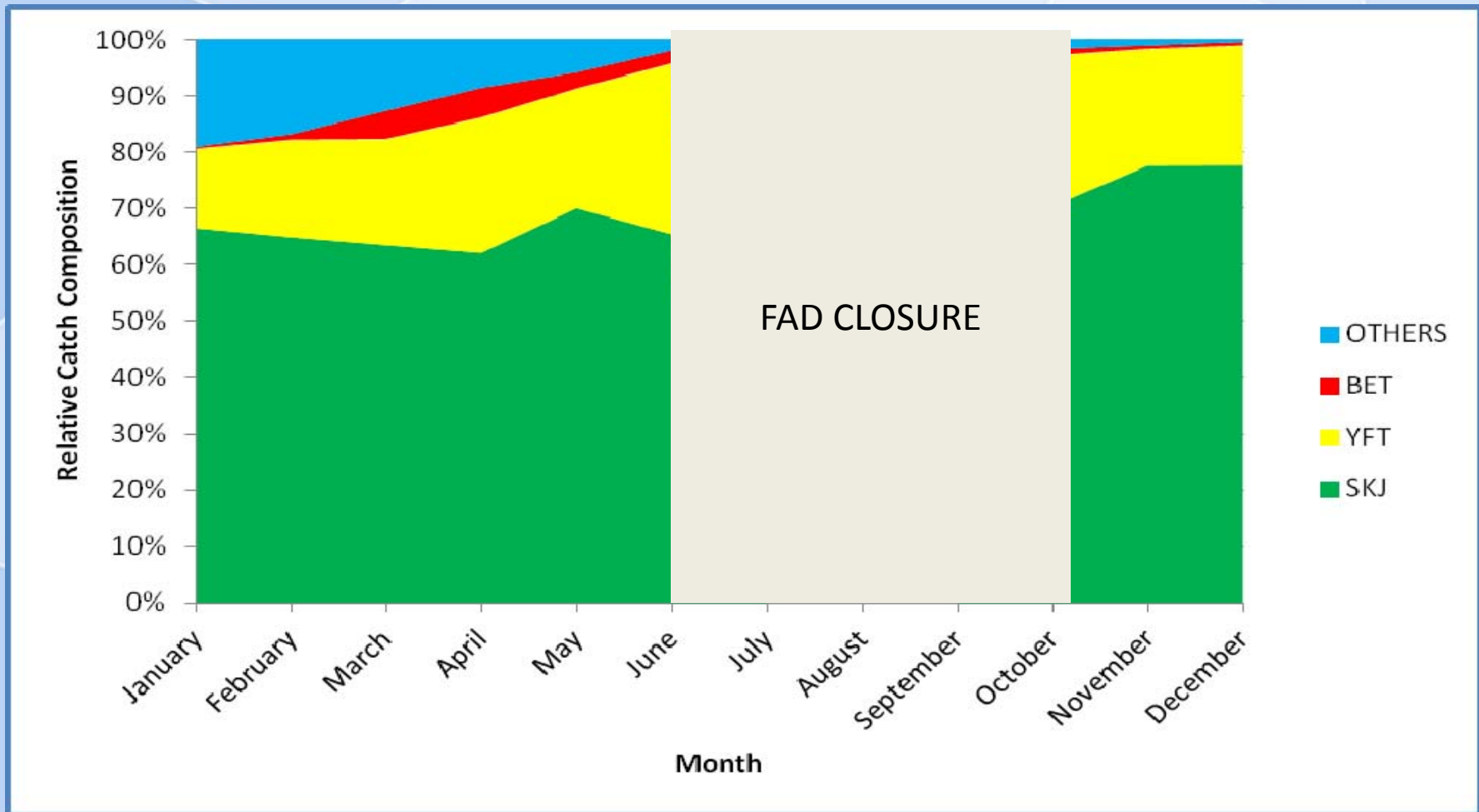


CATCH RATE PROGRESS



Total catch has increased significantly from October to December despite of lower number of vessels operating. Highest catch rate in October

RELATIVE CATCH COMPOSITION



Increasing Catch Composition of Skipjack and Yellowfin Tuna while BIGEYE Tuna and OTHER Species shows decreasing catch composition

SUMMARY AND RECOMMENDATION

- ❖ Pilot test of MARLIN in HSP1 catcher vessels has been successfully conducted
- ❖ 31 out of 34 of Vessels successfully transmit data
- ❖ 81% of data was transmitted from HSP1 in 2015
- ❖ Recommended for efficient catch reporting
- ❖ Lack of technical support personnel when troubleshooting while at sea

THANK YOU

