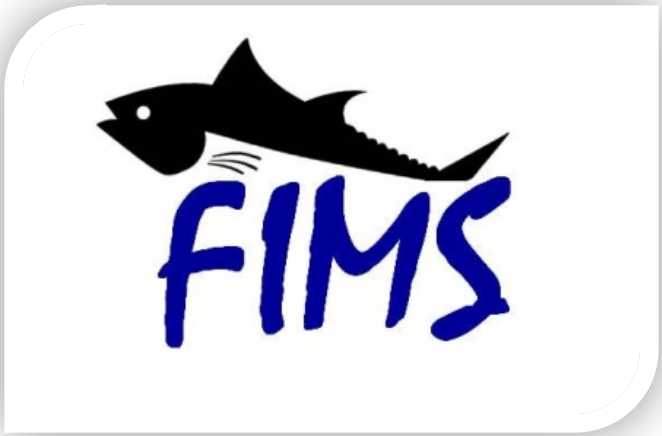


Fisheries Information Management System (FIMS) eCDS

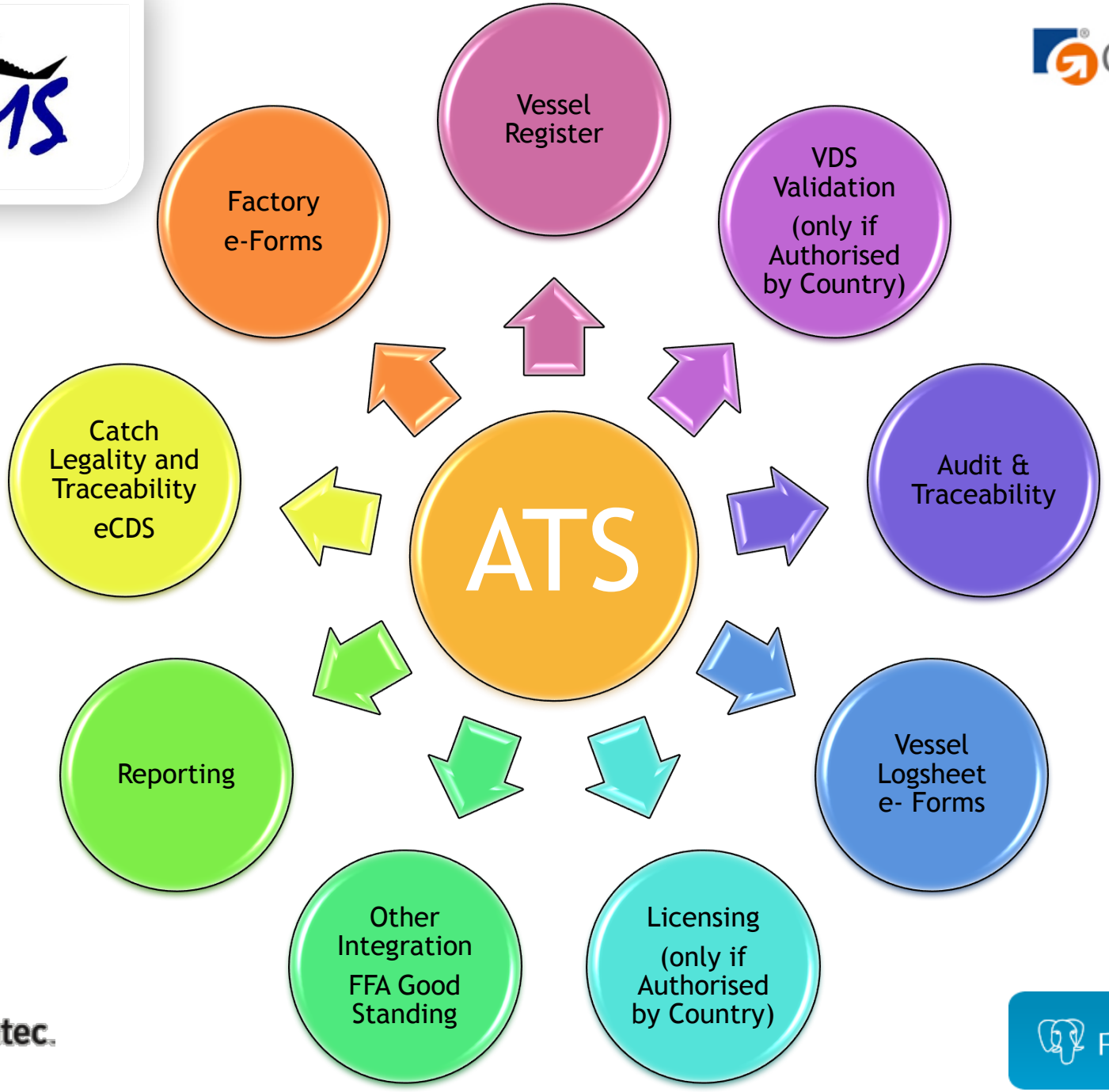
INTRODUCTION

- ***eCDS FIMS*** has been created with the purpose of meeting the EU transparency needs of Papua New Guinea – initial focus on Purse Seine Tuna Fishery
- Access to eCDS FIMS has been provided to ALL Flag States (Philippines, Korea, Japan and China) which are licensed to fish in PNG Waters.
- The eCDS FIMS will continue to be enhanced to provide a platform “fit for purpose” and can be made to communicate to the WCPFC RFMO in a prescribed format
- Integration for processors with e-CDS FIMS is coming soon

FIMS

GeoTrust

eCDS
FIMS



Symantec.

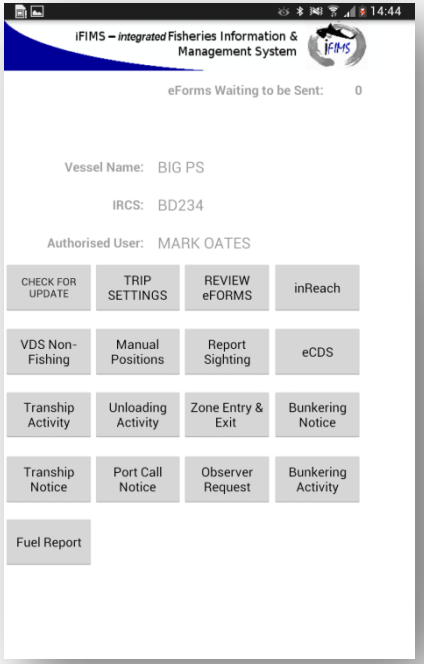
PostgreSQL

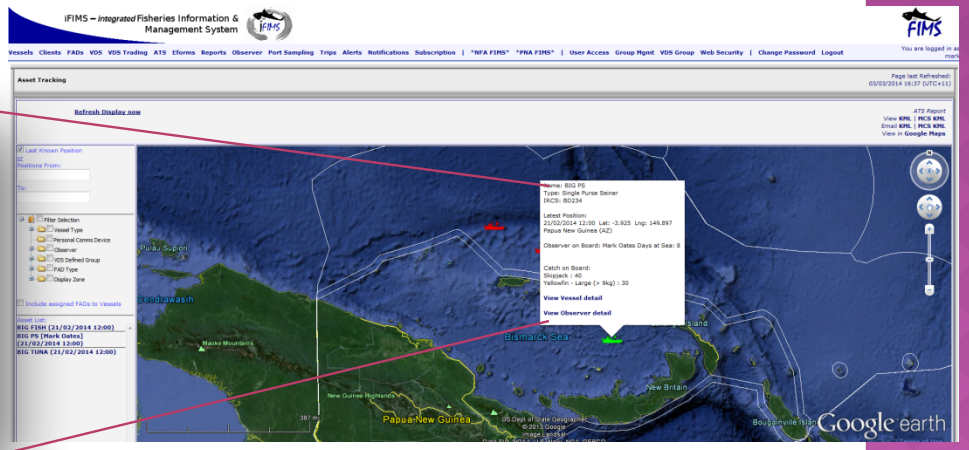
EREPORTING FOR CDS

- 3 types of eReporting used by PNG to Validate Catch
  - Vessel logbook eReporting
  - Observer workbook eReporting
  - Port Monitoring eReporting

IFIMS VESSEL LOGBOOK - EREPORTING

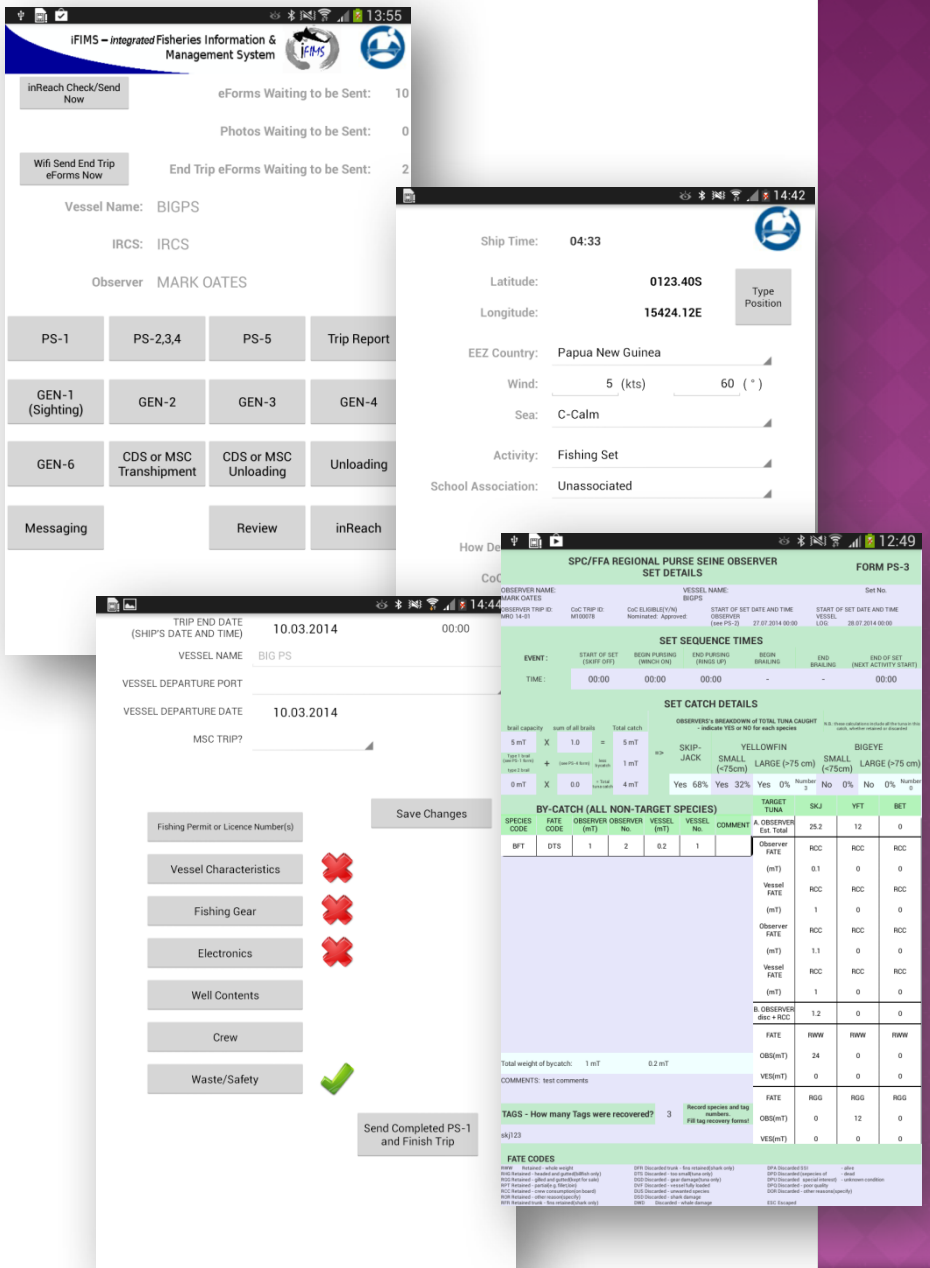
- iFIMS – provides industry with a platform to manage and eLodge data near real time
- Catch Reporting and other functions available for any country
- Over 260 Purse Seine Vessels registered since 2013
- Over 100 Long Line registered so far
- Provides for Catch Reporting to FIMS





OBSERVER WORKBOOK, CDS AND MSC EFORMS

- eReporting using the FIMS Observer App has been used by PNG Observer Program since 2014
- Near Real Time "Mission Critical" data is sent from tablet App by Satellite Personal Communisation Device including catch, effort and compliance information
- Working towards 100% Electronic reporting by Observers by the end of 2017 so that Observer data can be used for Catch Validation on entry to Port



E-CDS TABLET REPORTING AND FIMS

- In Country CDS Monitoring in Port using the tablet Android App is collecting ***huge*** amounts of data which is used for cross Validation and Traceability of the Catch

CDS Summary Search

Arrange By	Filter Activity	Sort By	Order	Show
Activity Date	All	Activity Date	Z - A	100

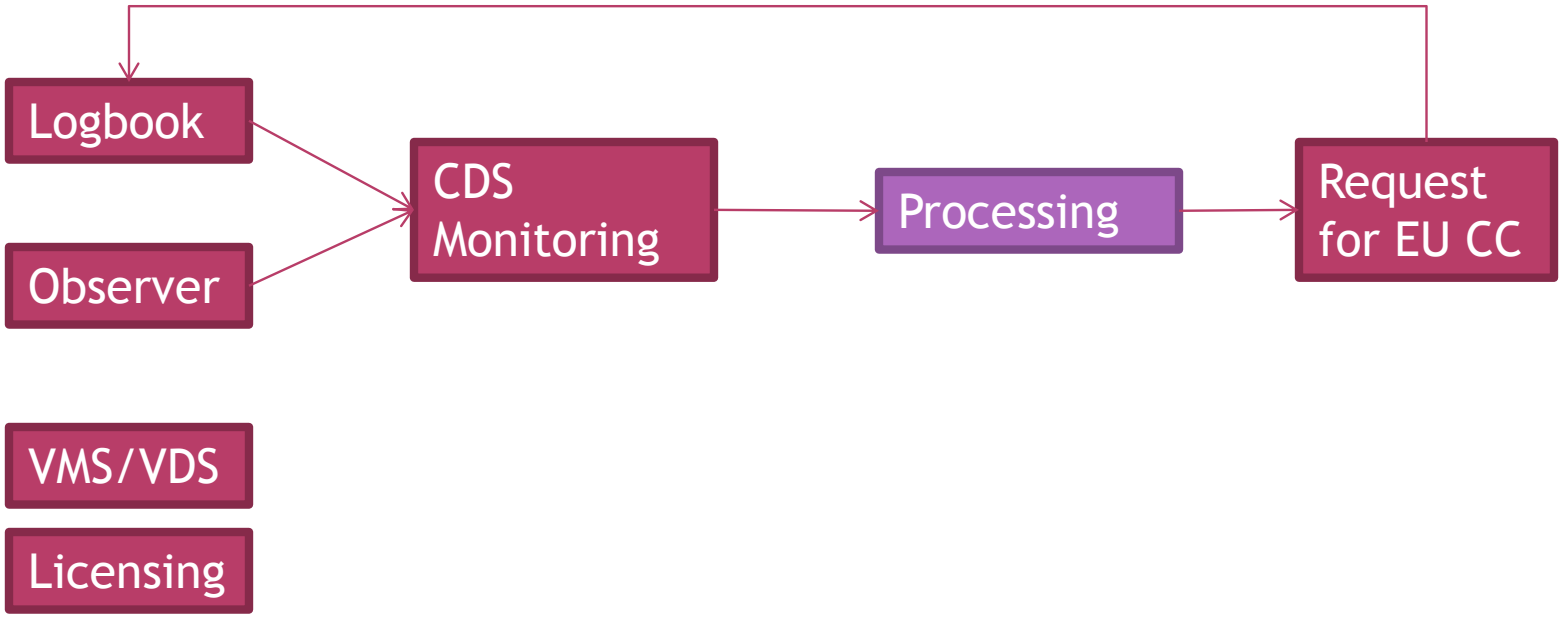
Activity Date	Activity	Port	Asset/s
29/03/2017 03:01	CDS2 - Landing	LAE	UNLOADING VESSEL: GLAXINIA 888 CATCHER VESSEL: RED TULIP 888 COLDSTORE: Frabelle - Lae 3 (PG)
29/03/2017 02:47	CDS2 - Landing	LAE	UNLOADING VESSEL: GLAXINIA 888 CATCHER VESSEL: PINK CARNATION COLDSTORE: Frabelle - Lae 3 (PG)
28/03/2017 23:17	CDS2 - Landing	LAE	UNLOADING VESSEL: GLAXINIA 888 CATCHER VESSEL: NIUPELALIP NO.8 COLDSTORE: Majestic - Lae 2 (PG)
28/03/2017 22:46	CDS2 - Landing	LAE	UNLOADING VESSEL: BERNADETTE MARIE CATCHER VESSEL: SOPHIA MARTINA COLDSTORE: Majestic - Lae 2 (PG)
22/03/2017 04:14	CDS1 - Transhipment	VIDAR (SEK HARBOUR)	TRANSFER VESSEL: DOLORES 787 RECEIVE VESSEL: DOLLY 767
[illegible]/2017 03:59	CDS1 - Transhipment	LAE	TRANSFER VESSEL: GLAXINIA 888 RECEIVE VESSEL: PRIMROSE 888

CDS FOCUS

- EU CDS Requires:
  - Legality of Harvest. Was the Fish Legally Caught? (in-country)
    - Logsheet
    - Licensing
    - VMS
    - VDS
    - Observer Workbook
  - Fish Accountability after it left the catching Vessel. Traceability and Mass Balance (inter-country)
    - Logsheet Landing/Transhipment
    - Monitoring Officers – eCDS
    - Factory eReporting
  - Certificate Completeness and Accuracy

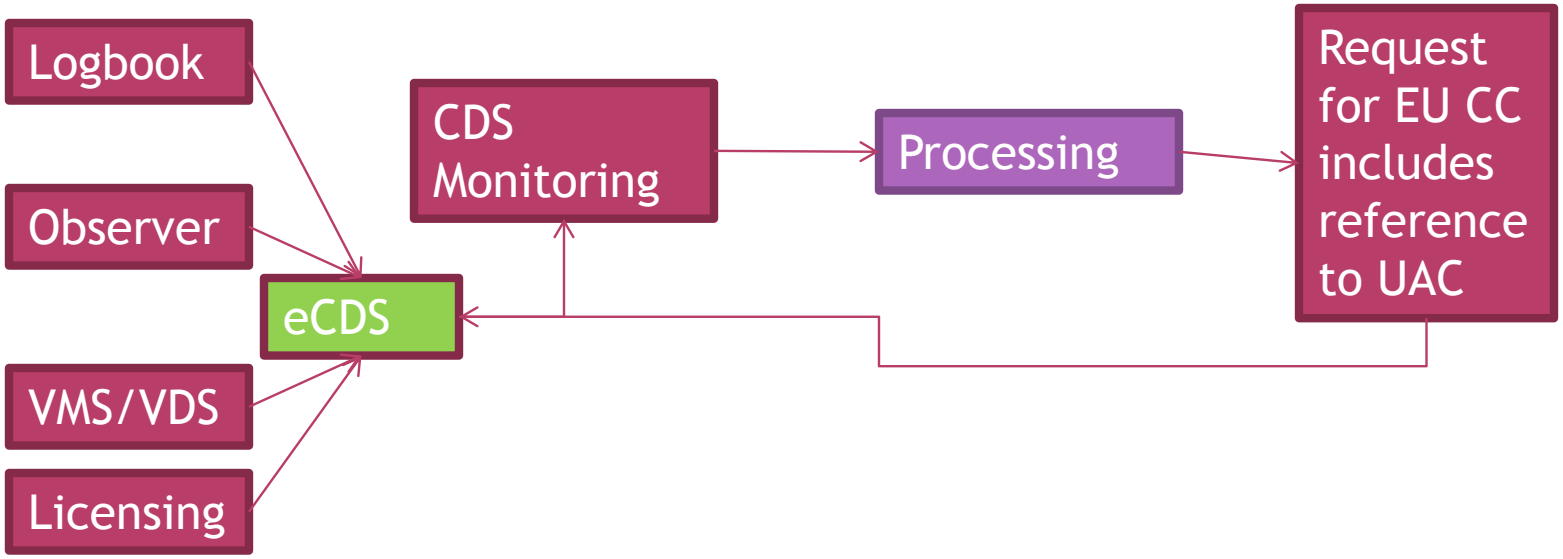
CDS FOCUS

- The problem with the EU CDS is that it is backwards looking. CDS Officers need to work back through Historical records and balances

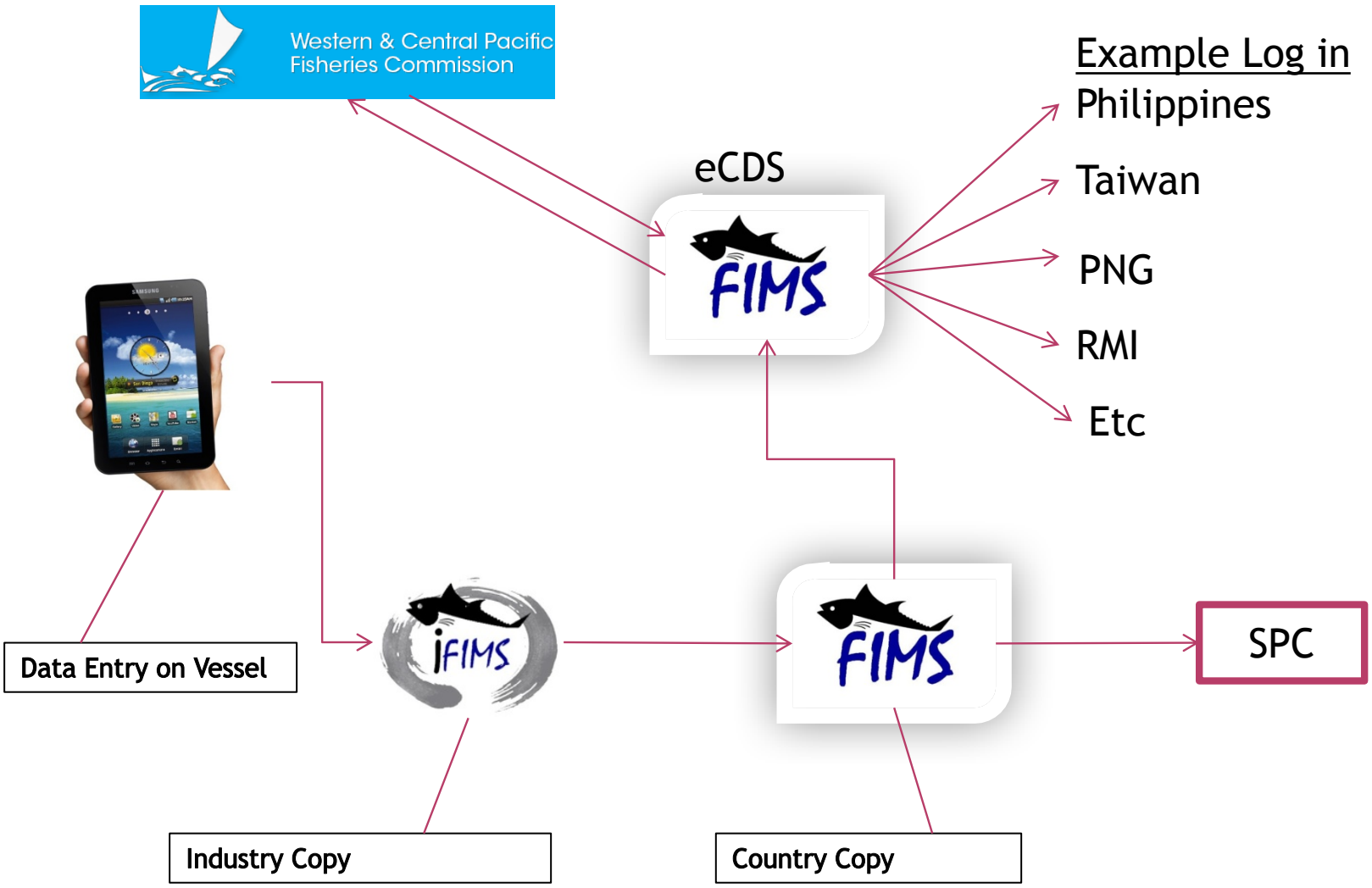


CDS FOCUS

- The new Method is forward looking and provides validation for the legality of the catch at the time that this is most easily verified; at the point of transhipment or landing. An Unloading Authorisation Code(UAC) can be issued at this time and provided to Industry.



DATA FLOW


Western & Central Pacific Fisheries Commission
eCDS
FIMS
Example Log in
Philippines
Taiwan
PNG
RMI
Etc
Data Entry on Vessel
iFIMS
FIMS
SPC
Industry Copy
Country Copy

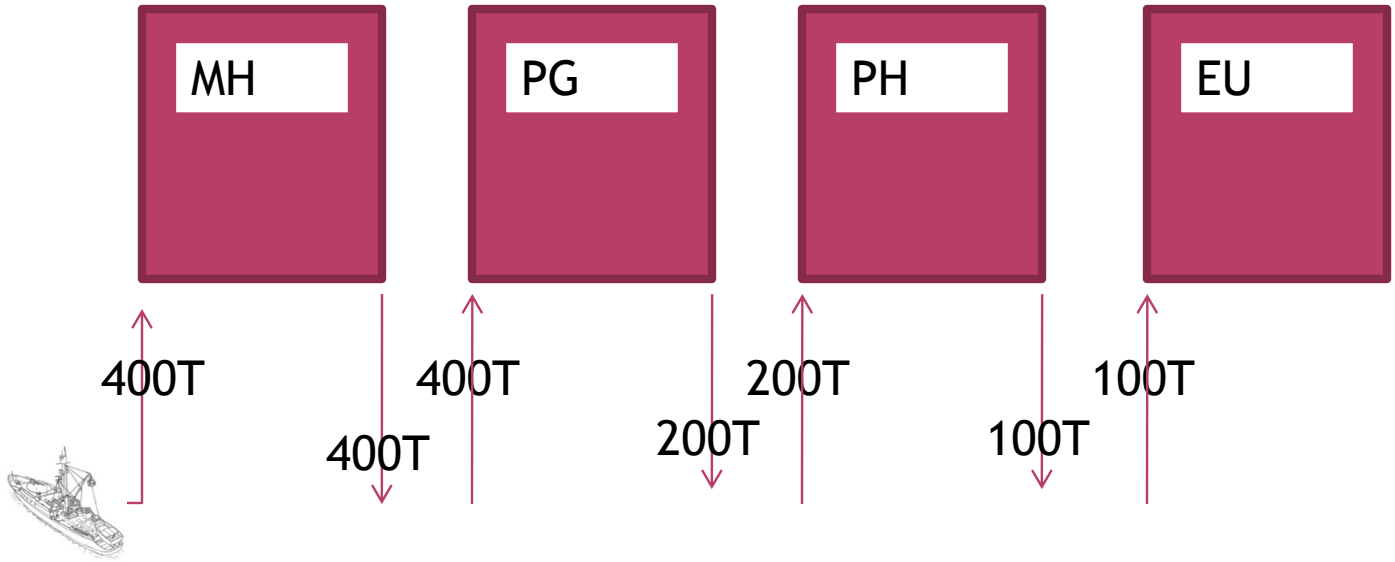
COMPLEXITIES IN PNG

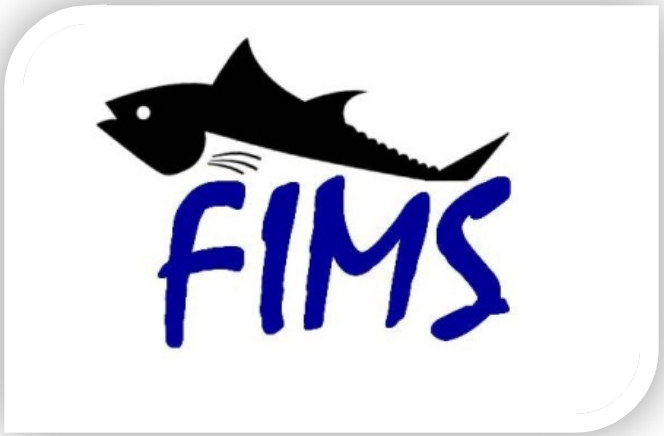
UA1001-MH 400T
ED1001-MH 400T

UA1001-MH 400T
ED1001-MH 400T
ED1002-PG 200T

UA1001-MH 400T
ED1001-MH 400T
ED1002-PG 200T
ED1003-PH 100T

EUCC9999-MH 100T



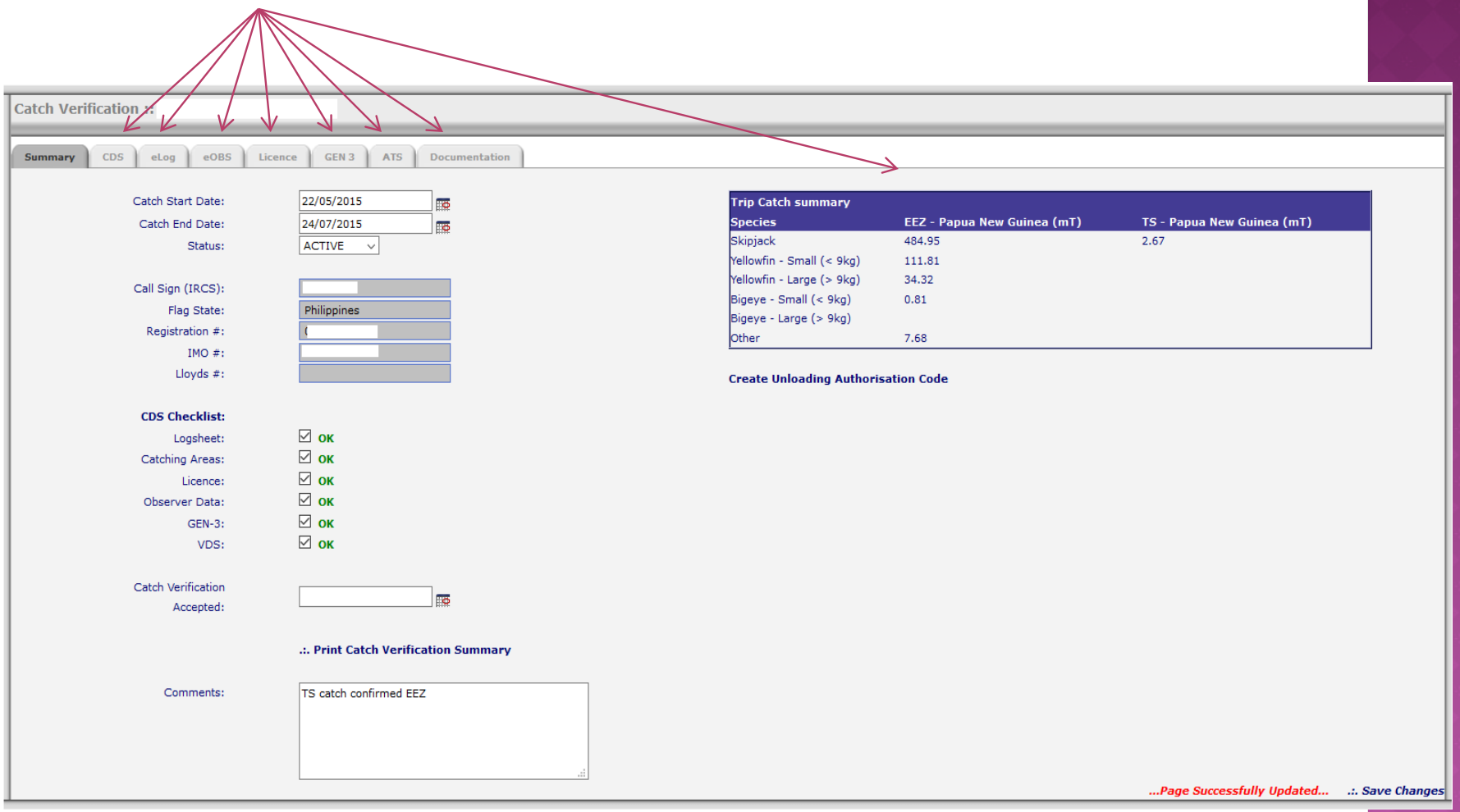


Demonstration Example Inter-country eCDS FIMS

USING FIMS TO PRODUCE THE UAC

- Request for Transhipment or Landing Received (Port-call notice)...
- Check using system (eg. eCDS FIMS):
  - Logbook eReporting Data
  - Observer eReporting Data
  - Catching Area
  - License for Catching Areas
  - GEN3 Issues?
  - VMS/VDS Status
  - Issue Unloading Authorisation Code

USING FIMS TO VALIDATE CATCH



USING FIMS TO PRODUCE THE UAC

- Create Unloading Authorisation
- PDF Button to produce Summary Report
- Gives Starting Sum for Mass Balance tracking

USING FIMS TO PRODUCE THE UAC

Detail

Fish Movement type: Landing

Catcher Vessel: Single Purse Seiner :

Catcher Master:

Port of Landing/Transhipment: LAE

Country of Landing/Transhipment:

Catcher Trip Start Date: 25/05/2015

Catcher Trip End Date: 27/07/2015

Trip Year:

Trip Number:

Catching Area:

Papua New Guinea - EEZ **(Remove)**

Papua New Guinea - AZ **(Remove)**

Species:

Weight: T

Presentation of Fish:

Volumes Data Source:

SKJ - 485 T (Whole / Logsheet) **(Remove)**

YFT - 145 T (Whole / Logsheet) **(Remove)**

BET - 1 T (Whole / Logsheet) **(Remove)**

SKJ - 500 T (Whole / Weighed In) **(Remove)**

.:. Add Catch

Carrier Vessel:

Carrier Departure Port: LAE

Carrier Departure Date: 30/07/2015

Carrier Destination Port: GENERAL SANTOS CITY

Facility - Processor:

.:. PDF Pacific Catch Certificate

.:. Save Changes

CDS Review:

	BET	SKJ	YFT
	1	985	145
Trade Certificate #: **ED10000015**	0	0	0
Trade Certificate #: **ED10000014**	0	485	0
Mass Balance (T):	**1**	**500**	**145**

Create Trade Certificate

WHEN THE FISH GO OUT OF COUNTRY AS AN EXPORT - EU CC OR OTHERWISE

- Trade Document can be issued as need be with reference to the UAC
- PDF to produce Export Document
- Gives Mass Balance tracking

	BET	SKJ	YFT
	1	985	145
Trade Certificate #: **ED10000015**	0	0	0
Trade Certificate #: **ED10000014**	0	525	0
Mass Balance (T):	**1**	**460**	**145**

IN SUMMARY

- PNG has the tools as both a Flag State and a Coastal state to Validate the legality of catch for both its Flag Vessels and other Vessels Licensed to Fish in its waters.

- Other Flag States are welcome to use the eCDS FIMS for improved validation of Catch for entry to markets.

- Please contact Alois Kinol or Mark Oates for further information

akinol@fisheries.gov.pg

mark@ifims.com

Questions

iFIMS

integrated FIMS