WHSOP1-INFO-07

National Observer Programme

Chinese Taipei

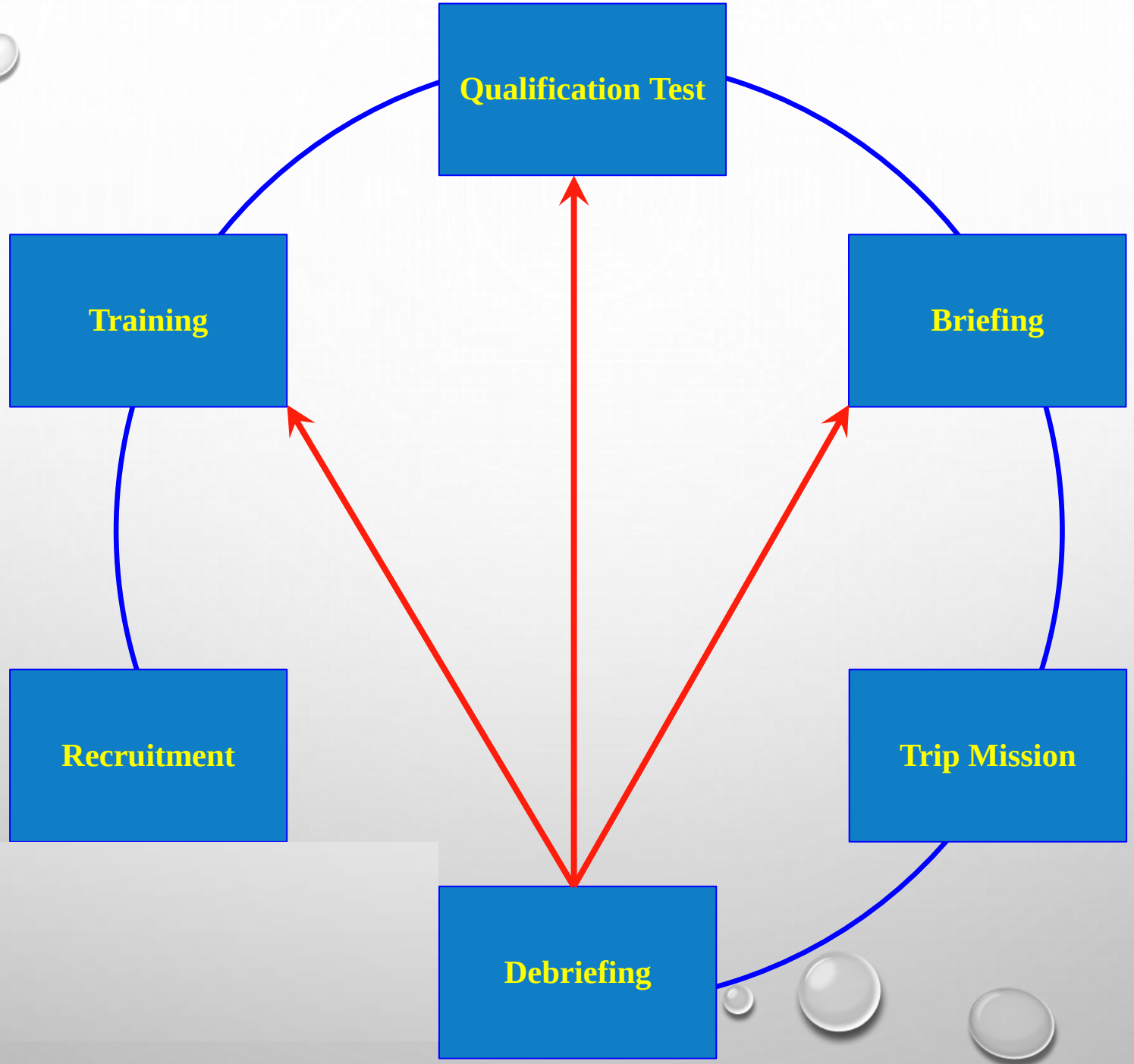
YiTe Huang, OFDC 2021/10/27

Outline

- Introduction to Chinese Taipei's National Observer Programme
- Observer Missions
- Observer Placement
- Conclusion

Introduction Chinese Taipei's NOP

- The National Observer Programme (NOP) was officially launched in 2002.
- The Overseas Fisheries Development Council (OFDC) assists the Government in the selection and training of fisheries observers, organizes and files the observation data collected by observers, and provides the data to experts and scholars for scientific research.


Qualification Test
Training
Briefing
Recruitment
Trip Mission
Debriefing

漁業觀察員證書

REPUBLIC OF CHINA

CERTIFICATE OF REGIONAL OBSERVER TRAINING

證號：第 0124 號

NO. 0124

茲此證明 學員 [redacted] 君，身份證字號 [redacted]，西元 1986 年 08 月 11 日生，經行政院農業委員會漁業署觀察員訓練課程，訓練期滿成績及格准予結訓，授予觀察員證書，此證。

This certifies that [redacted], ID. [redacted] and born on **11 AUGUST 1986,** has completed the training of regional observer and pass the examination and assessment, Training included the identification of by catch species, training for biological sampling, particular trip, safety & emergency situation training which is conform to International Standards, and communicator using…etc.

照片

行政院農業委員會漁業署
Director-General of Fisheries Agency
Council of Agriculture, Executive Yuan, ROC

培訓課程內容

The extensive program covers the following training courses:

	Hours
● Fisheries management (漁業管理)	*8*
● Understanding MCS (認識監控管理措施)	*1*
● WCPFC Convention and related CMMs （委員會公約及相關養護管理措施）	*4*
● Importance of observer programmes, understanding authority and responsibilities of observers（觀察員計畫、職權與職責）	*8*
● Safety at sea – emergencies at sea, survival at sea （海上安全 – 海上緊急事故、海上求生；四合一訓練）	*24*
● First Aid （急救；四合一訓練）	*4*
● Species identification, including target, non-target,protected species, etc.（物種辨識，包括目標、非目標與保護物種等）	*14*
● Fishing vessel & Gear types （漁船與漁法漁具種類）	*2*
● Vessel identification & markings （漁船標示及身份辨識）	*2*
● Techniques of verification of catch logbooks （驗證漁獲日誌之技術）	*1*
● Techniques of estimating catch and species composition （漁獲估計與漁種組成成份之技術）	*for PS*
● Fish sampling, Measuring and Weighing techniques （魚體採樣與量測技術）	*14*
● Preservation of samples for analysis （分析樣本保存）	*2*
● Use of digital recorders （數位相機、錄影機暨電子產品使用及操作）	*2*
● Data collection codes and data collection formats （資料收集編碼代號與資料收集表格填寫之技術）	*15*
● Knowledge of navigation including latitude/longitude, compasses, bearings, chart work, plotting a position （航海知識；包括經緯度、羅盤使用 、方位測量、海圖等技術應用）	*2*
● Electronic equipment & understanding their operations （認識電子儀器設備及操作使用）	*2*
● The use of radios & communications （無線通訊設備操作使用）	*2*
● Verbal debriefing & Report Writing （口頭任務回報與手寫報告）	*4*
● Health at Sea issues （健康檢查）	*8*

Accreditation Status of Our NOP

Year	2009	2011	2017
WCPFC ROP Status	Interim Authorization	Full Authorization	Full Authorization

- 2021 SPRFMO Observer Programme Accreditation (on going).

Observer Missions

- Collection of catch data by species

Observer Missions

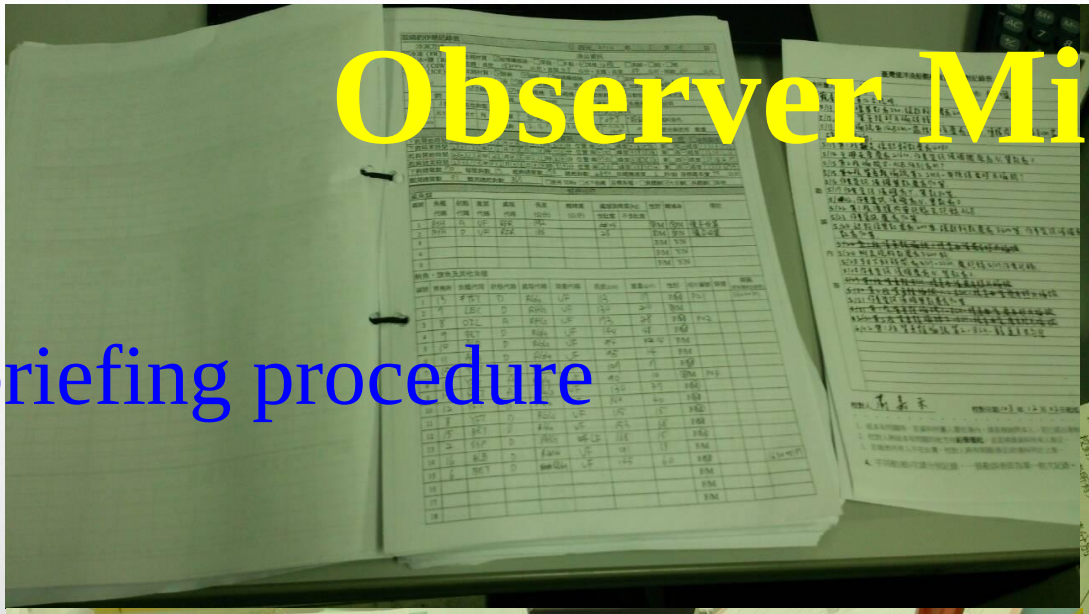
- Collection of biological data

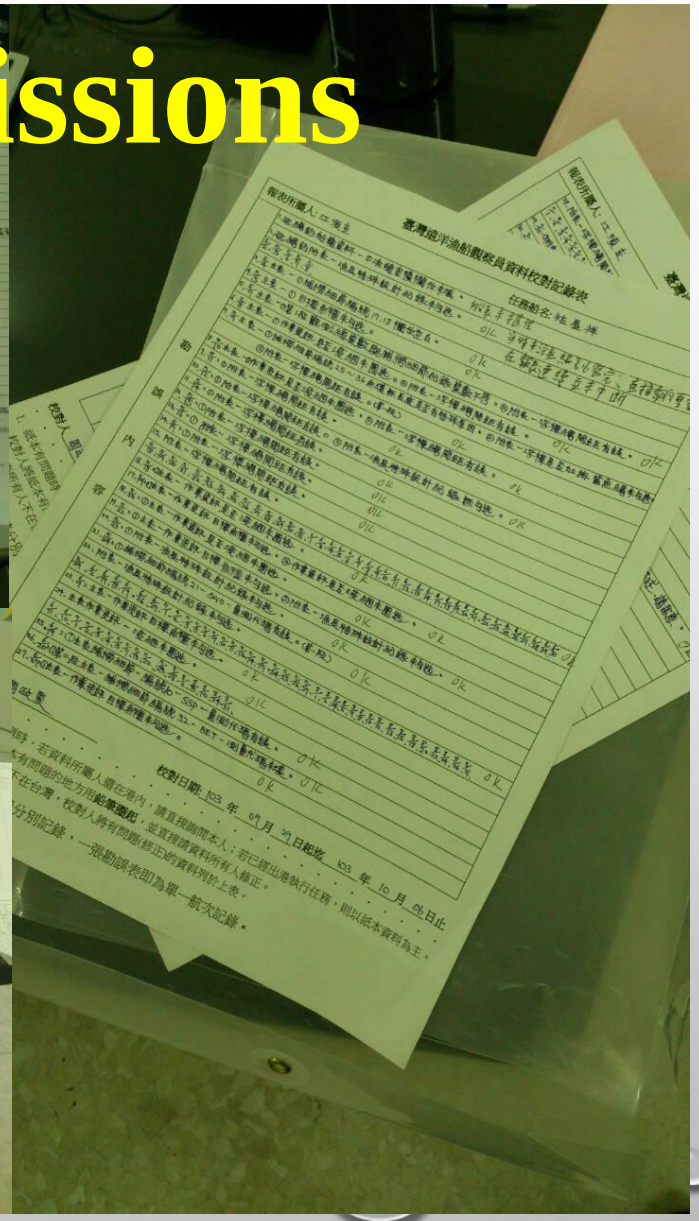
Observer Missions

- Catch / bycatch handling and live release

Observer Missions

- Debriefing procedure





Observer Placement

Year	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Obs.	5	6	9	16	31	56	56	59	43	44

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Obs.	59	48	57	57	71	103	104	97	95	100

- Total no. of observers: 100 persons (by Oct 26, 2021)
  - At-sea: 51 (Pacific ocean 27, Atlantic ocean 3, Indian ocean 21)
  - On-land: 39
  - Newly recruited: 10 (registered Nov 1, 2021)

Observer Placement (By Sea Days)

YEAR		2018	2019	2020	Coverage rate
WCPFC	LTLL	1,793	3,031	2,092	10.15%
	STLL	7,287	6,737	7,333	8.01%
IATTC (observed days)		698 553	827 757	896 689	9.62% 12.31%
ICCAT		2,550	2,968	1,386	5.77% 5.13%
IOTC	> = 24m	4,784	3,233	3,014	7.35%
	< 24m	1,107	537	227	3.64%

Conclusion

- Challenge: meeting IOTC and WCPFC observer coverage requirements on STLL
  - Safety concerns
  - Limited living and working space
  - Hardship at sea
- Future works:
  - Continue to recruit and train observers so as to increase coverage level on STLL
  - Introduce e-observer (EMS)
- Advance our program in accordance with the national and international requirements.

Thanks!

2021/10/27