

November 2013



منظمة الأغذية
والزراعة للأمم
المتحدة

联合国
粮食及
农业组织

Food and
Agriculture
Organization
of the
United Nations

Organisation des
Nations Unies
pour
l'alimentation
et l'agriculture

Продовольственная и
сельскохозяйственная
организация
Объединенных
Наций

Organización
de las
Naciones Unidas
para la
Alimentación y la
Agricultura

REGIONAL COMMISSION FOR FISHERIES

Seventh Meeting of the Working Group on Fisheries Management

Kuwait, State of Kuwait, 5-7 November 2013

Update on the implementation of the RECOFI recommendation on Minimum Data Reporting

Executive Summary

The purpose of this paper is to provide information in progress made in implementation of the RECOFI Recommendation on minimum data reporting.

The WGFM is invited to:

- confirm continued commitment to implement the RECOFI Recommendation on minimum data reporting and Regional collaborative management
- review and advise on a need to standardize data submission format and fleet/gear classifications as well as level of details to be maintained in a common database; and
- consider the logistics, functionalities and responsibility of the Regional database and information network to support the fishery and aquaculture management of the RECOFI Region, especially through the implementation of RECOFI Recommendation on minimum data reporting.

BACKGROUND

The 2nd meeting of the RECOFI Working Group on Fisheries Management (WGFM) (Cairo, Egypt, 27-30 October 2008) reviewed the major fisheries in the RECOFI region and identified a set of species of primary concern. The meeting further recommended a pragmatic management scheme based on an Ecosystem Approach to Fisheries Management with adaptive management procedures. The fifth Session of the RECOFI (Dubai, United Arab Emirates, 12-14 May 2009) adopted this recommendation and decided to hold a workshop specifically focusing on a review of data and statistics available in the region and stock status reporting.

Facing the lack of information commonly accessible through the Region, the FAO/RECOFI Regional Workshop on Stock Indicators and Stock Status Reporting (Tehran, Islamic Republic of Iran, 26-29 July 2009) focused its attention on identifying key issues in the region and determining the minimum data requirement to address those key issues from the perspective of monitoring stocks and fisheries status. The concept of minimum data requirement was further developed through the 3rd meeting of WGFM (Doha, Qatar, 20-22 October 2009) and the 4th meeting of WGFM (Muscat, Sultanate of Oman, 3-5 October 2010) and the 6th session of RECOFI (Rome, Italy, 10-12 May 2011) endorsed the Recommendation RECOFI/6/2011/1, entitled “Recommendation on minimum data reporting in the RECOFI area” together with its commitment to implement on January 2012.

In order to ensure that all Members would be capable to cope with minimum data requirement, a series of consultations and survey on national data collection system were held, utilizing the opportunity of other meetings, including ad-hoc discussion with the 6th session of RECOFI, the 5th session of WGFM, the Workshop on Minimum Data Collection and Reporting (Cairo, Egypt, 10-11 July 2011) and the Workshop on Social and Economic Aspects of Fisheries in the RECOFI Region (Manama, Bahrain 22-24 April 2012). Through this process, the individual Member agreed its own format of reporting according to the Recommendation and work plans to improve the national data collection system to completely fulfil the requirement defined by the Recommendation in near future.

DATA SUBMISSION IN 2003 ACCORDING TO THE RECOFI RECOMMENDATION ON MINIMUM DATA REPORTING

The Recommendation RECOFI/6/2011/1, entitled “Recommendation on minimum data reporting in the RECOFI area” as adopted by RECOFI at its Sixth Session (Rome, Italy, 10-12 May 2011) and that, in accordance with Article V of the Agreement for the Establishment of the Regional Commission for Fisheries, was formally taken effect on 1 January 2012. The 2013 was the second round of data submission after the Recommendation entered into force. Like the case of 2012, no Members succeeded in submitting the 2012 data before the end of August 2013 as indicated in the Recommendation.

The status of data submission at 1 November 2012 is summarized as below with the more detailed information by countries available in Appendix 1.

- This round of data submission, again focused on catch and effort data of shrimp trawls, wire-traps, gillnets and hook-and-lines. No information was specifically requested on those identified for stock assessment of narrow-barred Spanish mackerel, including monthly catch and effort data and size frequency data of Spanish mackerel.
- Iran, Qatar and Oman submitted the 2012 data using the format previously agreed.
- Iraq for the first time provided fleet and operational information that could be utilized to estimate efforts for 2004-2012, while catch data was aggregated for all vessel classes and gears.
- Qatar for the first time submitted data based on sample-based surveys at four landing sites, which reflects substantial improvement in its national fishery monitoring system. Fleet/ gear

categorizations were modified in a way to separate drift net operations targeted Spanish mackerel by Dhows but to combine gillnet and hand-lines targeting on emperors and seabreams. At the same time all gears operated with speed-boats (skiffs) were aggregated together. Data submitted was for the period from September 2012 to August 2013, not in a calendar year.

- Oman submitted the monthly catch and effort data for the years 2011 and 2012, which would also cover the requirement of monthly catch data for Spanish mackerels (4-a.i). It indicated that retrieval of historical catch and effort data would require further analysis and preparation before submission in order to ensure reasonable consistency with the data of 2009 and after.
- No responses from Bahrain, Kuwait, Saudi Arabia and UAE. However, Kuwait indicated the availability of catch and effort data, both for current and historical period, and asked for coordination by the Secretariat to seek for a way to make them available to the RECOFI WGFM.

REMAINING ISSUES AND NEXT STEPS

Submitted data indicated that Bahrain, Oman, Qatar and Saudi Arabia have now capacity to collect catch and effort information of their major fisheries, in the other words, capacity to monitor them reasonably satisfactory level. Iraq, Kuwait and UAE have not yet proved their capacity to comply with the RECOFI Recommendation on minimum data reporting. While Kuwait consistently indicated the existence of historical and current catch and effort data, including several publications, it would not be possible to evaluate its capacity without having such data with RECOFI.

The initial implementation of the Recommendation placed more emphasis for Member countries to establish their capacity to comply with the Recommendation and initiated in a way to accept any data format, gear/vessel classifications, and definition of efforts that would be acceptable for each Member as long as consistent with the overall framework of the Recommendation. Therefore, the data submitted contains different level of details especially in fleet/gear classifications. Appendix 2 showed the extent of classifications currently utilized by Members.

The need to establish the Regional Database and Information Network has been recognized from the beginning of this exercise. In order to develop proper design of a common database, it is necessary to understand whether different national fleet/gear classifications can be combined together, how much details should be maintained, as well as general IT platform to be utilized. This also related with intended utilization of data in supporting decision making and monitoring of implementation of the Regional management plan.

At the same time, it would be a good time to consider whether standard questionnaire would be needed. Standard questionnaire would be useful to ensure minimum level of quality control of submitted information and to facilitate compilation process. On the other hand, it may increase country burden to prepare for reporting and lose some flexibility in adapting emerging new requirement swiftly.

Data submission of size frequency data of Spanish mackerel catch, defined in Article 4-a of the Recommendation, has been suspended due to lack of clear guidance on format of data reporting and data collection criteria. The 7th session of RECOFI agreed to hold the first joint assessment of Spanish mackerel in the first priority of 2013-2014 activities that would require all information to be collected under Article 4 of the Recommendation. Making inventories of existing information as well as possible way to collect size information at individual Member would be the first step to enhance a capacity to comply with Article 4.

Appendix 1

Status of data submission by countries

i) Kingdom of Bahrain

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003>
Shrimp Trawl										
2-a-i	Opening/closing dates									
2-a-ii	Number of vessels by types and size categories		Y	Y	Y*	Y*	Y*	Y*	Y*	Y* ~1990
2-a-iii	Average tow duration by vessel type/ category				Y**	Y**	Y**	Y**		
	Average number of tows per day by vessel type/ category									
	Total number of days at sea by vessel type/ category		Y	Y						
2-a-iv	Catch of shrimp		Y	Y	Y	Y	Y	Y	Y*	~1990
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y	Y		
	Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays		Y	Y	Y	Y	Y	Y		
	Catch of other finfishes		Y	Y	Y	Y	Y	Y		
5-a	<i>Shrimp species composition</i>									
2-a-v	Amount of discards									
2-a-vi	Species composition of bycatch and discard									
2-b	BRD related information									
Gillnets										
3-a	Number of days at sea		Y	Y						
	Alternative annual efforts				Y	Y	Y	Y	Y	
3-b	Total catch		Y	Y	Y	Y	Y	Y		
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y	Y		
	Catch of emperors, groupers, sharks, and rays		Y	Y	Y	Y	Y	Y		
	Amount of discards									
5-b	<i>Species composition of discards</i>									
Wire-traps										
3-a	Number of days at sea		Y	Y						
	Alternative annual efforts				Y	Y	Y	Y	Y	
3-b	Total catch		Y	Y	Y	Y	Y	Y		
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y	Y		
	Catch of emperors, groupers, sharks, and rays		Y	Y	Y	Y	Y	Y		
	Amount of discards									
5-b	<i>Species composition of discards</i>									
Hook-and-line										
3-a	Number of days at sea		Y	Y						
	Alternative annual efforts				Y	Y	Y	Y	Y	

3-b	Total catch	Y	Y	Y	Y	Y	Y	Y
	Catch of narrow-barred Spanish mackerel	Y	Y	Y	Y	Y	Y	Y
	Catch of emperors, groupers, sharks, and rays	Y	Y	Y	Y	Y	Y	Y
	Amount of discards							
5-b	<i>Species composition of discards</i>							

Narrow-barred Spanish mackerel

- 4-a-i *Annual catch*
Monthly catch
- 4-a-ii Fork length composition
- 4-a-iii *Catch, effort and fork length composition of targeted gears*
- 4-b Relevant information on narrow-barred Spanish mackerel

Coloured cells and letter ‘Y’ indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

ii) Islamic Republic of Iran

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003>
Shrimp Trawl										
2-a-i	Opening/closing dates	Y	Y	Y						
2-a-ii	Number of vessels by types and size categories	Y	Y	Y						
2-a-iii	Average tow duration by vessel type/ category	Y*	Y*	Y*						
	Average number of tows per day by vessel type/ category									
	Total number of days at sea by vessel type/ category									
2-a-iv	Catch of shrimp	Y	Y	Y						
	Catch of narrow-barred Spanish mackerel	Y	Y	Y						
	Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays	Y	Y	Y						
	Catch of other finfishes	Y	Y	Y						
5-a	<i>Shrimp species composition</i>									
2-a-v	Amount of discards	Y	Y	Y						
2-a-vi	Species composition of bycatch and discard									
2-b	BRD related information	Y**	Y**	Y**						

* Total tow duration reported; ** General configuration

Gillnets										
3-a	Number of days at sea	Y	Y	Y						
	Alternative annual efforts									
3-b	Total catch	Y	Y	Y						
	Catch of narrow-barred Spanish mackerel	Y	Y	Y						
	Catch of emperors, groupers, sharks, and rays	Y	Y	Y						
	Amount of discards									
5-b	<i>Species composition of discards</i>									

Wire-traps										
3-a	Number of days at sea	Y	Y	Y						
	Alternative annual efforts									
3-b	Total catch	Y	Y	Y						
	Catch of narrow-barred Spanish mackerel	Y	Y	Y						
	Catch of emperors, groupers, sharks, and rays	Y	Y	Y						
	Amount of discards									
5-b	<i>Species composition of discards</i>									

Hook-and-line										
3-a	Number of days at sea	Y	Y	Y						
	Alternative annual efforts									
3-b	Total catch	Y	Y	Y						
	Catch of narrow-barred Spanish mackerel	Y	Y	Y						
	Catch of emperors, groupers, sharks, and rays	Y	Y	Y						

Amount of discards

5-b *Species composition of discards*

Narrow-barred Spanish mackerel

4-a-i *Annual catch*

Monthly catch

4-a-ii Fork length composition

4-a-iii *Catch, effort and fork length composition of targeted gears*

4-b Relevant information on narrow-barred Spanish mackerel

Coloured cells and letter 'Y' indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

iii) State of Kuwait

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003>	
Shrimp Trawl											
2-a-i	Opening/closing dates										
2-a-ii						Y	Y	Y	Y	~2001	
2-a-iii	Average tow duration by vessel type/ category										
	Average number of tows per day by vessel type/ category										
						Y*	Y*	Y*	Y*	~2001	
2-a-iv						Y*	Y*	Y*	Y*	~2001	
	Catch of shrimp										
	Catch of narrow-barred Spanish mackerel										
	Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays										
	Catch of other finfishes										
5-a	<i>Shrimp species composition</i>										
2-a-v	Amount of discards										
2-a-vi	Species composition of bycatch and discard										
2-b	BRD related information										

* No separation in vessel type/ category

Gillnets											
3-a	Number of days at sea										
						Y*	Y*	Y*	Y*	~2001	
	Alternative annual efforts										
3-b	Total catch										
	Catch of narrow-barred Spanish mackerel										
	Catch of emperors, groupers, sharks, and rays										
	Amount of discards										
5-b	<i>Species composition of discards</i>										

Wire-traps											
3-a	Number of days at sea										
						Y*	Y*	Y*	Y*	~2001	
	Alternative annual efforts										
3-b	Total catch										
	Catch of narrow-barred Spanish mackerel										
	Catch of emperors, groupers, sharks, and rays										
	Amount of discards										
5-b	<i>Species composition of discards</i>										

Hook-and-line										
3-a	Number of days at sea									
	Alternative annual efforts									
3-b	Total catch									
	Catch of narrow-barred Spanish mackerel									
	Catch of emperors, groupers, sharks, and rays									

Amount of discards

5-b *Species composition of discards*

Narrow-barred Spanish mackerel

4-a-i *Annual catch*

Monthly catch

4-a-ii Fork length composition

4-a-iii *Catch, effort and fork length composition of targeted gears*

4-b Relevant information on narrow-barred Spanish mackerel

Coloured cells and letter 'Y' indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

iv) Sultanate of Oman

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003>
Shrimp Trawl										
2-a-i	Opening/closing dates									
2-a-ii	Number of vessels by types and size categories									
2-a-iii	Average tow duration by vessel type/ category									
	Average number of tows per day by vessel type/ category									
	Total number of days at sea by vessel type/ category									
2-a-iv	Catch of shrimp									
	Catch of narrow-barred Spanish mackerel									
	Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays									
	Catch of other finfishes									
5-a	<i>Shrimp species composition</i>									
2-a-v	Amount of discards									
2-a-vi	Species composition of bycatch and discard									
2-b	BRD related information									
Gillnets										
3-a	Y	Y	Y	Y						~1985
	Alternative annual efforts									
3-b	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Amount of discards									
5-b	<i>Species composition of discards</i>									
Wire-traps										
3-a	Y	Y	Y	Y						~1985
	Alternative annual efforts									
3-b	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Amount of discards									
5-b	<i>Species composition of discards</i>									
Hook-and-line										
3-a	Y	Y	Y	Y						~1985
	Alternative annual efforts									
3-b	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Y	Y	Y	Y						~1985
	Amount of discards									

5-b *Species composition of discards*

Narrow-barred Spanish mackerel		
4-a-i	Annual catch	Y Y
	Monthly catch	Y Y
4-a-ii	Fork length composition	
4-a-iii	Catch, effort and fork length composition of targeted gears	
4-b	Relevant information on narrow-barred Spanish mackerel	

Coloured cells and letter 'Y' indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

v) State of Qatar

2012 2011 2010 2009 2008 2007 2006 2005 2004 2003>

Shrimp Trawl

- 2-a-i Opening/closing dates
- 2-a-ii Number of vessels by types and size categories
- 2-a-iii Average tow duration by vessel type/ category
Average number of tows per day by vessel type/ category
Total number of days at sea by vessel type/ category
- 2-a-iv Catch of shrimp
Catch of narrow-barred Spanish mackerel
Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays
Catch of other finfishes
- 5-a *Shrimp species composition*
- 2-a-v Amount of discards
- 2-a-vi Species composition of bycatch and discard
- 2-b BRD related information

Gillnets

**

3-a	Number of days at sea	Y	Y*	Y*	Y*
	Alternative annual efforts	Y	Y*	Y*	Y*
3-b	Total catch	Y	Y*	Y*	Y*
	Catch of narrow-barred Spanish mackerel	Y	Y*	Y*	Y*
	Catch of emperors, groupers, sharks, and rays	Y	Y*	Y*	Y*
	Amount of discards				
5-b	<i>Species composition of discards</i>				

* Sample at Khor and Shumal

** separated kingfish targeted for Dhow, gillnet for others combined with handline, all gears combined for Skiffs

Wire-traps

3-a	Number of days at sea	Y	Y*	Y*	Y*
	Alternative annual efforts	Y	Y*	Y*	Y*
3-b	Total catch	Y	Y*	Y*	Y*
	Catch of narrow-barred Spanish mackerel	Y	Y*	Y*	Y*
	Catch of emperors, groupers, sharks, and rays	Y	Y*	Y*	Y*
	Amount of discards				
5-b	<i>Species composition of discards</i>				

* Sample at Khor and Shumal

*** combined with all gears for skiffs

Hook-and-line		
3-a	Number of days at sea	Y
	Alternative annual efforts	Y
3-b	Total catch	Y
	Catch of narrow-barred Spanish mackerel	Y
	Catch of emperors, groupers, sharks, and rays	Y
	Amount of discards	
5-b	<i>Species composition of discards</i>	
Dhows - combined with gillnet; Skiffs - all gears combined		

Narrow-barred Spanish mackerel		
4-a-i	<i>Annual catch</i>	
	Monthly catch	
4-a-ii	Fork length composition	
4-a-iii	<i>Catch, effort and fork length composition of targeted gears</i>	
4-b	Relevant information on narrow-barred Spanish mackerel	

Coloured cells and letter 'Y' indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

Data for 2012 corresponds the period from September 2012 to August 2013

vi) Kingdom of Saudi Arabia

		2012	2011	2010	2009	2008	2007	2006	2005	2004	2003>
Shrimp Trawl											
2-a-i	Opening/closing dates		Y	Y	Y	Y	Y	Y	Y	Y	~1991
2-a-ii	Number of vessels by types and size categories		Y	Y*	Y*	Y*	Y*	Y*	Y*	Y*	~1991
2-a-iii	Average tow duration by vessel type/ category										
	Average number of tows per day by vessel type/ category		Y	Y**	Y**	Y**	Y**	Y**	Y**	Y**	~1991
	Total number of days at sea by vessel type/ category		Y	Y	Y	Y	Y	Y	Y	Y	~1991
2-a-iv	Catch of shrimp		Y	Y	Y	Y	Y	Y	Y	Y	~1991
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y	Y	Y	Y	~1991
	Catch of swimming crab, cuttlefish, emperors, groupers, sharks, and rays		Y	Y	Y	Y	Y	Y	Y	Y	~1991
	Catch of other finfishes		Y	Y	Y	Y	Y	Y	Y	Y	~1991
5-a	<i>Shrimp species composition</i>		Y	Y	Y	Y	Y	Y	Y	Y	~1991
2-a-v	Amount of discards										
2-a-vi	Species composition of bycatch and discard										
2-b	BRD related information										
Gillnets											
3-a	Number of days at sea		Y	Y	Y	Y	Y				
	Alternative annual efforts		Y	Y	Y						
3-b	Total catch		Y	Y	Y	Y	Y				
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y				
	Catch of emperors, groupers, sharks, and rays		Y	Y	Y	Y*	Y*				
	Amount of discards										
5-b	<i>Species composition of discards</i>										
Wire-traps											
3-a	Number of days at sea		Y	Y	Y	Y	Y	Y	Y	Y	~1994
	Alternative annual efforts		Y	Y	Y	Y	Y	Y	Y	Y	~1994
3-b	Total catch		Y	Y	Y	Y	Y	Y	Y	Y	~1994
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y	Y	Y	Y	~1994
	Catch of emperors, groupers, sharks, and rays		Y	Y	Y	Y	Y	Y	Y	Y	~1994
	Amount of discards										
5-b	<i>Species composition of discards</i>										
Hook-and-line											
3-a	Number of days at sea		Y	Y	Y	Y	Y				
	Alternative annual efforts		Y	Y	Y						
3-b	Total catch		Y	Y	Y	Y	Y				
	Catch of narrow-barred Spanish mackerel		Y	Y	Y	Y	Y				
	Catch of emperors, groupers, sharks, and rays		Y	Y	Y	Y*	Y*				

Amount of discards

5-b *Species composition of discards*

Narrow-barred Spanish mackerel

4-a-i	<i>Annual catch</i>	Y	Y
	Monthly catch	Y	Y
4-a-ii	Fork length composition		
4-a-iii	<i>Catch, effort and fork length composition of targeted gears</i>		
4-b	Relevant information on narrow-barred Spanish mackerel		

Coloured cells and letter 'Y' indicated the type of data that the Member committed to submit and actual submission, respectively. Yellow indicating those expected submission of data in 2013.

Appendix 2

Categories currently used in data submission by Members

Area:

Bahrain	Gulf		
Iran	Gulf	Oman Sea	
Iraq	Gulf		
Kuwait	Gulf		
Oman	Gulf	Sea of Oman	Arabian Sea
Qatar	Gulf		
Saudi Arabia	Gulf (2 subareas – Northern & Southern)		
UAE			

Vessels:

Bahrain		Dhow	speedboat
Iran	Vessel	Dhow	Boat
Iraq	Steel	Fiber	Wooden
Kuwait	Steel boats	Wooden Dhow	Speed boats
Oman		Fiberglass	Launch
Qatar	Large boats/ Dhow	Speed boats/ skiffs	
Saudi Arabia	Large	Small	
UAE			

Shrimp trawl:

Bahrain	Shrimp trawl		
Iran	Shrimp trawl		
Iraq	Trawler	Trap\trawler	Gillnet\traps\trawler
Kuwait	Trawlers		
Oman			
Qatar			
Saudi Arabia	Trawl		
UAE			

Gillnets:

Bahrain	Gillnet		
Iran	Gillnet		
Iraq	Gillnet	Gillnet\traps	Gillnet\traps\trawler
Kuwait	Gill netters		
Oman	NET		
Qatar	King fish (driftnet pelagic/ driftnet Spanish mackerel)		
Saudi Arabia	Gill net	Small gill net	
UAE			

Wire-traps:

Bahrain	Large wire trap	Small wire trap	Crabs wire trap
Iran	Wire-traps		
Iraq	Gillnet\traps	Traps\trawler	Gillnet\traps\trawler
Kuwait	Trap setters		
Oman	Trap		
Qatar	Trap		
Saudi Arabia	Trap		
UAE			

Hook-and-Line:

Bahrain	Hooks & line	Longline	Troll line
Iran	Hooks and Lines		
Iraq			
Kuwait			
Oman	Troll/hand line		
Qatar			
Saudi Arabia	Hand line	Long line	
UAE			

Other gears:

Bahrain	Lader - Jellifish			
Iran	Pari-boats purse seine	Beach seine	Fish trawl	Mid-water trawl
Iraq				
Kuwait				
Oman	Lobster	Beach seine		
Qatar	other gears (gillnet emperors and seabreams/ handlines emperors and seabreams)	Multigears (all gear combined for skiffs)		
Saudi Arabia				
UAE				