

別添 1. アンケート票

Questionnaire for Users of the Fishery Complex

Time / Day / Month \_\_\_\_\_

Serial No. AB No. \_\_\_\_\_

Location of interview \_\_\_\_\_

Interviewer \_\_\_\_\_

Screening Question : Since when you are involved in fishery business?

\_\_\_\_\_

1. General Information on the interviewee

Name \_\_\_\_\_, Age \_\_\_\_\_, Sex :

Male  Female

Place of residence \_\_\_\_\_ Profession

\_\_\_\_\_

Membership of Fisheries Organization : Name of

Org. \_\_\_\_\_, Since (year) \_\_\_\_\_

2. Involvement in Fishery Business

- Size of fishing boat \_\_\_\_\_ ft

- Position on the boat  Owner  Captain  Crew

- Principal fishing method \_\_\_\_\_

- Principal kind of fishes \_\_\_\_\_

- Average number of days of fishing : \_\_\_\_\_ days per week

- Average catch : \_\_\_\_\_ pounds per week

- How much of your household income depends on fishery?

More than 80%  50 – 80%  20 – 50%  Less than 20%

What are other income sources?

\_\_\_\_\_

- To whom you sell the fishes you catch? Please list your clients and put the percentages for each.

	Percentage
Vendors of fish market at _____	
Middlemen at _____	
General Consumer (directly)	
Hotels / restaurants (directly)	
Others	
Total	100%

### 3. Use of the fishery complex

- Frequency, usefulness of each facility

Facility	Frequency			Usefulness		
	More than once a week	Less than once a week	Never use	Very useful	Useful	Not useful
- Wharf						
- Slip way and boat yard						
- Ice making plant						
- Processing plant						
- Hygienic laboratory						
- Engine repair yard						
- Meeting hall						
- Office of Fisheries Div.						

- Please give us your opinion on the design (size, layout, location, material, etc.) of the facilities, if any. Please try to raise both positive and negative aspects, as well as needs for improvement.
- Before starting construction, were you consulted and your opinion was considered in the plan and design of the facility?
  - I was consulted and my opinions were reflected.
  - I was consulted but my opinions were not reflected.
  - I was not consulted and didn't have opportunity to express my opinion.
 What were your opinions that were / were not / could not be reflected?

- Please give us your opinion on the management (operation and maintenance) of the facility, if any. Please try to raise both positive and negative aspects, as well as needs for improvement.
- After the construction of the facilities, how your business has been changed?

	Changes	Reasons for the change, if applicable (describe)
Catch / sales of fishes	<input type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> No change	
Variety of fishes caught / dealt	<input type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> No change	
Prices of fishes in general	<input type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> No change	
Cost of business operation	<input type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> No change	
Profit / income of your business	<input type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> No change	

- What are the most important changes brought about by the construction of the facilities? Please explain concrete merits of the facilities and changes in your business comparing the situations before and after using the facilities.
- Are there any negative effects of the facilities for your business? If any, please explain what happened.
- What positive or negative impacts to your family were brought about by the construction of facility? Consider such aspects as: family income and expenditure, diet, clothes, house, education, health, etc. If yes, please explain what changes has been made and how they are related to the facilities

- After all, are you satisfied with the fishery complex?
  - Yes, I'm totally satisfied.
  - Yes, I'm somewhat satisfied → What are your important and unsatisfied needs for
  - No, I'm not satisfied → your fishery business? Please raise any priority needs

for your fishery business to be satisfied by public services / projects.

4. Opinion on fishery policy and administration

- Please give your opinion freely on current fishery policy and administration, for example regulations, administrative and financial support, training and information, etc.
  
- Please make any recommendations on policies, plans, public administration and other activities related to fishery, specifying to whom you would like to recommend them.

5. On fishery resource management

- Regarding the management of fishery resources, among **Japan, China, USE, UK and Antigua and Barbuda**, which country(countries) stand for the following idea?
  - Conservation is more important than utilization  
\_\_\_\_\_
  - Utilization is more important than conservation  
\_\_\_\_\_
  - Conservation and utilization is equally important  
\_\_\_\_\_
  - I don't know  
\_\_\_\_\_

- Do you know that the fishing complex of Point Wharf was constructed through a support of foreign country? ( Yes,  No) If yes, which country? \_\_\_\_\_
  
- Which among the following statements are true based on your experiences?
  - Local fishes caught/sold are ( Smaller than,  Same as,  Bigger than) 5 years ago.
  - Variety of local fishes are ( More than,  Same as,  Less than) 5 years ago.
  - (Only for fishery folks) Fishing place (banks) with more fishes are ( Much far than,  Same as,  Nearer than) 5 years ago, because \_\_\_\_\_.
  - Any other observation on the fishery resources:
  
- In your views, what had caused the above changes?
  
- Do you know something you can do in order not to exhaust fishes?
  - Yes → What you can do?  
\_\_\_\_\_
  - How did you get this information? (Who taught you this?)  
\_\_\_\_\_
  - Do you practice something regularly?  
 Yes → What do you do?  
\_\_\_\_\_
  - No → Why you don't?  
\_\_\_\_\_
  - No, I don't know.

- Do you know that there are international discussions on utilization and conservation of whales and tunas? Among the following three positions regarding whales and tunas, which is closer to your opinion?
  - Conservation is more important than their utilization by human.
  - Utilization by human is more important than their conservation.
  - I have no idea.

Why do you think so?

- In your views what impact to conservation of fishery resources the construction of fishery complex at Point Wharf has?
  - Positive impact to conservation (describe)  
\_\_\_\_\_
  - Negative impact to conservation (describe)  
\_\_\_\_\_
  - Mixed impact to conservation (describe)  
\_\_\_\_\_
  - No idea

*Thank you for your cooperation!*

## Questionnaire for General Consumers

Time / Day / Month \_\_\_\_\_

Serial No. AB No. \_\_\_\_\_

Location of interview \_\_\_\_\_

Interviewer \_\_\_\_\_

Screening : Are you or your family member involved in fishery business in any form?

- Yes → Skip the interviewee  
 No → Continue.

### 1. General Information on the interviewee

Name \_\_\_\_\_, Age \_\_\_\_\_, Sex :

Male  Female

Place of residence \_\_\_\_\_ Profession

\_\_\_\_\_

Number of family living together \_\_\_\_\_

### 2. Consumption of fishes

- In your family do you eat more fish than you used to have 5 years ago?
- Quantity of fish in general  Increased  Decreased   
No change
  - Quantity of imported fish  Increased  Decreased   
No change
  - Quantity of domestic fish  Increased  Decreased   
No change
  - Variation of fish in general  More variation   
Less variation  No change
  - Variation of imported fish  More variation   
Less variation  No change
  - Variation of domestic fish  More variation   
Less variation  No change
  - Household expenditure for fish  Increased   
Decreased  No change

What are the reason(s) for the above changes, if any?

- Where do you purchase fish these days, and 5 years ago?  
(For example, fish market at XXX, on beach, from specific fisherman, etc.)

- These days

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- Five years ago

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What are the reason(s) for the above changes, if any?

### 3. Use and impact of the fishery complex

- Do you visit any of the following fishery complexes in Angitua? How often do you visit for what purposes?

Fishery Complex	Frequency of Visit 1. More than once a week 2. Once a week 3. 1 – 3 times a month 4. Less than once a month 5. Never	Purposes of Visit
Point Wharf		
Market Wharf		
Urlings		
Parham		

- What are the good points about the fishery complexes, if any? (Specify the location if possible)

- What are the points that need improvement about the fishery complexes, if any? (Specify the location if possible)
  
- After the construction of the fishery complexes,
  - Any impacts particular in the diet of your family? How the diet in your family has changed due to the facility?
  
  - Any impacts particular in the financial situations of your family? How the financial situations of your family have changed due to the facility?
  
  - What are the good changes in your life due to the fishery complex, if any?
  
  - What are the bad changes in your life due to the construction of fishery complex, if any ?

#### 4. Recommendations related to fishery

- Please make any recommendations on policies, plans, public administration and other activities related to fishery, specifying to whom you would like to recommend them.

5. On fishery resource management

- Do you think that there are over-fishing and fishes near your country are being exhausted? Why do you think so? What should be done to prevent it?
  
- If fishes around your country were exhausted in several years and it became difficult to obtain;
  - How do you feel about it?
  
  - How do you react? Do you think that you are going to change the diet in your family?
  
- Do you know that there are international discussions on utilization and conservation of whales and tunas? Among the following three positions regarding whales and tunas, which is closer to your opinion?
  - Conservation is more important than their utilization by human.
  - Utilization by human is more important than their conservation.
  - I have no idea.

Why do you think so?

- Regarding the management of fishery resources, among **Japan, China, USA, UK and Antigua and Barbuda**, which country(country) stand for the following idea?
  - Conservation is more important than utilization  
\_\_\_\_\_
  - Utilization is more important than conservation  
\_\_\_\_\_
  - Conservation and utilization is equally important  
\_\_\_\_\_
  - I don't know  
\_\_\_\_\_
  
- Do you know that the fishing complexes were constructed through a support of foreign country? ( Yes,  No) If yes, which country?  
\_\_\_\_\_
  
- Do you think that the fishery complexes satisfied your important needs for your family?
  - Yes
  - No → What are your important and unsatisfied needs for your family?  
Please raise any priority needs for your family to be satisfied by public services / projects.

*Thank you for your cooperation!*

## 別添 2. 国内インタビュー先一覧

日付		訪問先	面談相手
7月19日	火	水産エンジニアリング株式会社	高橋代表取締役, 赤井主任, 小笠原常任顧問
7月20日	水	五洋建設株式会社	渡辺国際事業部長, 遠藤国際事業部 営業課長
7月25日	月	岩田地崎建設株式会社	田中海外営業部長, 深沢海外営業部 課長, 岡村建設部建設課 課長
		システム科学コンサルタンツ株式会社	小泉設計本部次長, 渡辺建設設計部
7月27日	水	外務省 国際協力局開発協力総括課	太田事務官
		外務省 国際協力局国別開発協力第二課	佐々木事務官
		外務省 中南米局カリブ室	廣田事務官, 山崎事務官
8月2日	火	アイシーネット株式会社	寺島代表取締役, 多田副部長
8月11日	木	社団法人マリノフォーラム 21	松本海外水産コンサルティング事業部長, 笹本海外水産コンサルティング事業部主任
8月18日	木	財団法人海洋漁業協力財団 JICA 資金協力支援部実施管理第3課 (書面インタビュー)	江口事業本部長, 倉持企画調査課長 佐藤課長

## 別添 3. 検討会

第1回検討会	2011年8月1日(月)	16:00	外務省内
第2回検討会	2011年11月2日(水)	14:00	同上
第3回検討会	2012年1月26日(木)	10:00	同上

(出席者)

外務省大臣官房ODA評価室	湊室長
同室	石元上席専門官
同室	若枝事務官
国際協力局開発協力総括課	太田事務官
国際協力局国別開発協力第二課	佐々木事務官
中南米局カリブ室	廣田事務官
JICA資金協力支援部実施監理第三課	佐藤課長
同課	秋山企画役

#### 別添 4. 現地調査日程表

日付		訪問先	面談相手	訪問国
10/4	火	—	評価チーム打合せ	
10/5	水	水産局	Cheryl Jeffrey Appleton 局長ほか	アンティグア
		保健・社会改革・消費者省	Edson Joseph 事務次官	
		農業・国土・住宅・環境省 (Antigua&Barbuda Investment Authority)	Ms.Jacqueline, Mr. A.Yearwood ほか 1 名	
		財政・経済・行政省	Sean Cenac 事務次官	
10/6	木	ポイントワーフ水産センター, セントジョーンズ水揚流通施設, Antigua Fishery Ltd.	※施設視察のため該当なし	
		外務省	Ms.Sandra Joseph Senior, Foreign Service Officer	
10/7	金	バーブーダ島水産コンプレックス視察	※施設視察のため該当なし	バーブーダ
		バーブーダ・カウンシル	Kelvin Punter 議長	
10/8	土	バーブーダ中学校	John Mussington 校長(生態学者)	
10/9	日	JICA 長期派遣 水産専門家	石田 JICA 専門家	アンティグア
		アンティグア漁業協同組合連合会	組合員数名	
10/10	月	外務省	Ms. Andrew Chief Protocol Officer	
		水産局	Mr.Norman, Mr. J. Norris, Senior Fisheries Officer ほか 2 名	
10/11	火	マリゴット水産センター, マリゴット漁港, ポーツマス水産センター	※施設視察のため該当なし	
10/12	水	環境・天然資源・国土計画・漁業省	Mr.Hon.Dr.Kenneth Darroux 大臣	ドミニカ国
		外務省	Ms.Akpa 事務次官	
		保健省	Mr.Anthony Scotland Chief Environmental Health Officer	
		公共事業・エネルギー・港湾省	Mr.Kendell Johnson Chief Technical Officer	
10/13	木	ロゾー水産センター, カリブ地域の農業・水産業にかかるエキスポ視察	※施設視察のため該当なし	
		ドミニカ国漁業協同組合連合会 (NAFCOOP)	代表 3 名	
		在ドミニカ・中国大使館	Mr.Shen 一等書記官(経済班) ほか 1 名	
		在ドミニカ・キューバ大使館	Ms.Rodrigues 大使	
10/14	金	DomSETCO	Mr. Errol Harris	
		JICA ドミニカ駐在員事務所	森田所長, 石田専門家, JOCV 各位	

(敬称略)