

No.12040/27/2014-TRG(FTC/IR)  
Government of India  
Ministry of Personnel, Public Grievances and Pensions  
Department of Personnel and Training  
[Training Division]

Block-4, Old JNU Campus  
New Mehrauli Road, New Delhi-67  
Dated – May 27, 2014

### **TRAINING CIRCULAR**

**Subject: Group Training Course in “Search and Rescue, Disaster Prevention and Environment Protection for the Officials for Maritime Safety Operation Level” to be held in Japan from September 28 to November 22, 2014 under the Technical Cooperation Programme of the Government of Japan.**

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) has invited applications for the above mentioned training programme to be held in Japan from September 28 to November 22, 2014 under the Technical Cooperation Programme of the Government of Japan.

2. This programme aims to improvement and/or to solve the challenges and issues on maritime search and rescue (SAR), marine disaster prevention and marine environment protection in participant’s organizations.

3. This programme is offered to the officials presently engaged in the field of maritime search and rescue and/or marine disaster prevention and/or marine environment protection.

4. The applying organizations are expected to select those applicants who are presently engaged in the field of maritime search and rescue and/or marine disaster prevention and/or marine environment protection with more than 5 years of experience in the relevant field. The applicants should also be an university graduate or equivalent qualifications; should be under 50 years of age; should have competent command over spoken and written English; must be in good health (both physically and mentally) and must not be a part of military service.

5. In addition to above, the following information in respect of the nominated officers may please be mentioned while furnishing the nomination:-

- a) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
- b) Whether cleared from vigilance angle;
- c) Age;
- d) Whether working in North East State/J&K;
- e) A brief in 50-100 words justifying the nomination.

6. The course covers the cost of a round-trip air ticket between international airport designated by JICA and Japan; travel insurance from the time of arrival in Japan to departure from Japan; allowances for (accommodation, living expenses, outfit and shipping); expenses for JICA study tours and free medical care for participants who may fall ill after reaching Japan (costs relating to pre-existing illness, pregnancy, or dental treatment are not included).

...2/-

7. It is therefore requested that the nomination of suitable candidates may please be forwarded **(in duplicate)** in JICA's prescribed form (available in [persmin.nic.in](http://persmin.nic.in)→DOPT→Training Wing→Circular→JICA) to this Department duly authenticated by the HOD of the concerned department in accordance with the eligibility criteria.

8. The applications should reach this Department through the Administrative Ministry/State Government not later than **July 18, 2014**. Nominations received after the prescribed date will not be considered. The details of the programme may be drawn from Ministry of Personnel, Public Grievances and Pensions' website ([persmin.nic.in](http://persmin.nic.in)).



(N.K. Wadhwa)

Under Secretary to the Government of India

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**Copy to:**

- a) The Secretary, Ministry of Shipping, Transport Bhawan, Sansad Marg, New Delhi-110001
- b) The Secretary, M/o Environment & Forest, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003,
- c) The Secretary, M/o Home Affairs, North Block, New Delhi -110001
- d) The Chief Secretaries to all the State Governments/Union Territories(with request to circulate the same amongst their related Departments/Organizations),
- e) NIC with request to post the circular along with the JICA's circular on this Department's website.



# GROUP AND REGION-FOCUSED TRAINING

## GENERAL INFORMATION ON

SEARCH AND RESCUE, DISASTER PREVENTION AND  
ENVIRONMENT PROTECTION COURSE  
FOR THE OFFICIALS FOR MARITIME SAFETY OPERATION  
LEVEL

**課題別研修「海上保安実務者のための救難・環境防災コース」  
JFY 2014**

**NO. J1404064 / ID. 1480807**

**Course Period in Japan: From September 28, 2014 to November 22, 2014**

This information pertains to one of the Group and Region-Focused Training of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

# ***I. Concept***

## **Background**

The present situation of maritime search and rescue, marine disaster prevention and marine environment protection in developing countries such as Southeast Asian countries seems to be not in adequate level. Therefore, in order to meet the necessity, “Maritime search and rescue operation and marine disaster prevention course” had been conducted from 1983 until 2002. And this course was renewed as “Maritime search and rescue and disaster prevention course for policy planners” from 2003 and had been conducted until 2007. Every year number of application of this course has been about 2 times more than the fixed number of participants. Participants have highly evaluated this course by mentioning that the contents of this course were very useful and beneficial. Furthermore, there are many requests from the developing countries for enhancement of this course.

In order to cope effectively and efficiently with maritime accidents and large scale oil spill accidents, it is necessary to work in close coordination and cooperation with related countries and to have sufficient skills and knowledge. If maritime accidents and large scale oil spill accidents occur in the sea areas of these countries, there is concern that it might cause extensive damages and serious influences not only to the environments but to the economy in these countries and its surrounding areas. Especially it is likely to endanger the smooth and safe navigation of vessels related with Japan in the sea areas of Southeast Asia including the straits of Malacca and Singapore.

## **For what?**

This program aims to improve and/or to solve the challenges and issues on maritime search and rescue (SAR), marine disaster prevention and marine environment protection in participant's organizations.

## **For whom?**

This program is offered to officials presently engaged in the field of maritime search and rescue and/or marine disaster prevention and/or marine environment protection

## **How?**

Participants shall have opportunities to acquire skills and knowledge of maritime search and rescue, marine disaster prevention and/or marine environment protection through lectures, exercises and observations. Participants will also formulate an action plan describing what the participant will do after they go back to home country, putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

## ***II. Description***

**1. Title (J-No.): Search and Rescue, Disaster Prevention and Environment Protection Course for the Officials for Maritime Safety Operation Level (J1404064)**

**2. Course Period in Japan**  
September 28 to November 22, 2014

**3. Target Regions or Countries**  
Djibouti, India, Philippines, Viet Nam, Sri Lanka, Malaysia, Fiji, Kiribati, Papua New Guinea, Bangladesh

**4. Eligible / Target Organization**  
This program is designed for organizations in the field of maritime search and rescue (SAR) and/or maritime disaster prevention and/or marine environment protection

**5. Total Number of Participants**  
14 participants

**6. Language to be used in this program**  
English

**7. Program Objective:**  
The approach (action plan) for improvement and/or solution of challenges and issues on maritime SAR, marine disaster prevention and marine environment protection will be formulated through the program in Japan and be implemented in participants' organizations.

**8. Overall Goal:**  
The fundamental direction for improvement and/or solution of challenges and issues on maritime SAR, marine disaster prevention and marine environment protection is identified and designed in the participants' organizations.

## 9. Expected Module Output and Contents:

This program consists of the following components. Details on each component are given below:

Expected Module Output	Subjects/Agendas	Methodology
1) To be able to clarify and understand the current situation, challenges and issues of maritime SAR, marine disaster prevention, marine environment protection system of participants' organizations.	<p><b>[Preliminary Phase]</b>            (1) To understand and analyze the current situations of maritime SAR, marine disaster prevention and marine environment protection system in participants' organization and to identify its challenges and issues.            (2) To formulate a country report on the above mentioned topics.</p> <p><b>[Program in Japan]</b>            (3) To present a country report.</p>	Presentation Discussion
2) To be able to clarify and understand issues on services and system of coast guard	(1) Lecture and observation on organization and function of JCG. (2) Lecture on initial response system of JCG in case of marine disaster	Lecture Observation
3) To be able to clarify and understand issues on international framework, knowledge and skills of maritime SAR.	(1) Lecture on basic knowledge of maritime SAR (2) Lecture, exercise and observation of related facilities on actual SAR methods (3) SAR Table-Top Drill	Lecture, Observation Exercise
4) To be able to clarify and understand issues on international framework, knowledge and skills of marine disaster prevention and method of combating oil, hazardous and noxious substances.	(1) Lecture on basic knowledge of marine disaster prevention. (2) Lecture, exercise and observation of related facilities on properties of oil, hazardous and noxious substances, combating method, etc.. (3) Observation of disaster prevention drill by local government, etc.	Lecture, Observation Exercise
5) To be able to clarify and understand issues on international framework, knowledge and skills of marine environment protection	(1) Lecture on basic knowledge of marine environment protection (2) Lecture, exercise and observation of related facilities on activities regarding law enforcement for marine environment protection	Lecture, Observation Exercise
6) To be able to formulate the action plan for solution of challenges and issues on maritime SAR, marine disaster prevention and marine environment protection system in participants' countries.	(1) Lecture and exercise to formulate the action plan for improvement / solution of challenges and issues on maritime SAR, marine disaster prevention and marine environment protection system. (2) Formulation and presentation of action plan for improvement / solution of challenges and issues identified by each participant. <p><b>[ Finalization Phase]</b>            (3) To share or/and to report the action plan in the participant's organization</p>	Exercise, Presentation, Discussion

## <Structure of the program>

### 1. Preliminary phase (activities in your agency /department):

- <1> Preparation of the country report and submit it.
- <2> Preparation of the "My Target Report" and submit it.

### 2. Course Period in Japan

- <1> Schedule(TENTATIVE)

JFY 2014 Schedule for JICA Group and Region-Focused Training Course "Search and Rescue, Disaster Prevention and Environment Protection for Maritime Safety Operation Level" (Tentative)							
Month	Date	Day of week	Session 1 (9:30 - 11:00)	Session 2 (11:00 - 12:30)	Session 3 (13:30 - 15:00)	Session 4 (15:00 - 16:30)	Training Venue
S e p	28	Sun	Arrival				
	29	Mon	JICA Briefing, General Orientation				JICA Yokohama
	30	Tue	Program Orientation (10:00-11:00)	Opening Ceremony (11:00-11:30)	Courtesy Call to Japan Coast Guard HQ. Introduction of JCG Activities, GMDSS		JICA Yokohama / JCG
O c t	1	Wed	Presentation of Country Report				JICA Yokohama
	2	Thu	PCM Training				JICA Yokohama
	3	Fri	PCM Training				JICA Yokohama
	4	Sat					
	5	Sun					
	6	Mon	PCM Training				JICA Yokohama
	7	Tue	Lecture(SAR)	Special Rescue Station	Haneda Air Station		JICA Yokohama/ Haneda
	8	Wed	Lecture(SAR)	Lecture(Environment Protection & Disaster Prevention)			JICA Yokohama
	9	Thu	Coast Guard Research Center				Tachikawa
	10	Fri	Lecture(Environment Protection & Disaster Prevention)	Lecture(Environment Protection & Disaster Prevention)			JICA Yokohama
	11	Sat					
	12	Sun					
	13	Mon	Holiday				
	14	Tue	Lecture(Environment Protection & Disaster Prevention)	Tokyo MARTIS			JICA Yokohama /Tokyo MARTIS
	15	Wed	Lecture(Environment Protection & Disaster Prevention)	Lecture(Environment Protection & Disaster Prevention)			JICA Yokohama
	16	Thu	Lecture(Environment Protection & Disaster Prevention)	Tokyo Rinkai Disaster Prevention Park			JICA Yokohama /Ariake
	17	Fri	Preparation of Action Plan				JICA Yokohama
	18	Sat					
	19	Sun					
	20	Mon	Maritime Disaster Prevention Center (Drills, Training)				Yokosuka
	21	Tue					
	22	Wed					
	23	Thu					
	24	Fri					
	25	Sat					
	26	Sun					
	27	Mon	Preparation of Action Plan	Mid-term Evaluation Meeting			JICA Yokohama
	28	Tue	Mid-term Presentation of Action Plan				JICA Yokohama
	29	Wed	Discussion Session on SAR, Environment Protection and Disaster Prevention				JICA Yokohama
	30	Thu	Yokohama Maritime Disaster Prevention Base				JCG Yokohama
	31	Fri	Lecture(Environment Protection & Disaster Prevention)	Lecture(Environment Protection & Disaster Prevention)			JICA Yokohama

N o v	1	Sat			
	2	Sun			
	3	Mon	Travel (Yokohama → Kure)		Kure
	4	Tue	Japan Coast Guard Academy (Tour)	Japan Coast Guard Academy (SAR)	
	5	Wed	Japan Coast Guard Academy (SAR)		
	6	Thu	Japan Coast Guard Academy (Environment Protection & Disaster Prevention)		
	7	Fri	Travel (Kure → Yokohama)		
	8	Sat			
	9	Sun			
	10	Mon	Lecture(SAR)		JICA Yokohama
	11	Tue	Lecture(SAR)		JICA Yokohama
	12	Wed	Preparation of Action Plan	Outline of SAR-COM Training	JICA Yokohama
	13	Thu	SAR-COM Training		JCG Yokohama
	14	Fri	Hydrographic and Oceanographic Department		Aomi
	15	Sat			
	16	Sun			
	17	Mon	Preparation of Action Plan		JICA Yokohama
	18	Tue	Preparation of Action Plan		JICA Yokohama
	19	Wed	Preparation of Action Plan		JICA Yokohama
	20	Thu	Presentation of Action Plan		JICA Yokohama
	21	Fri	Evaluation Meeting, / Closing Ceremony / Preparation for Departure		JICA Yokohama
	22	Sat	Departure		

## <2> Contents

### ● Orientations

### ● County Report Presentation (20 min. /participant)

**\*Please see the example of country report in Annex as a reference.**

### ● Lectures

- (1) Organization and function of Japan Coast Guard (JCG).
- (2) Theory of Maritime Search and Rescue(SAR) and Marine Disaster Prevention
- (3) Maritime SAR activities under the International Convention on Maritime SAR, 1979
- (4) Maritime SAR system in Japan
- (5) Method on rescue for a capsized and grounded ship
- (6) Global Maritime Distress and Safety Systems (GMDSS)
- (7) Activities on Marine Disaster Prevention
- (8) Activities on Marine Environment Protection
- (9) Outline of countermeasure against oil and HNS spill incident at sea
- (10) Current international framework against oil and HNS spill incident at sea
- (11) Case studies of Marine Disasters
- (12) Initial response system to maritime accidents
- (13) Criminal Investigation for marine pollution
- (14) Lesson learned from the Great East Japan Earthquake



● **Exercises**

- (1) Basic training for First Aid
- (2) Table top exercise of SAR and Marine Disaster Prevention operation
- (3) Marine Disaster Prevention Drill at the Maritime Disaster Prevention Center

● **Observation and study trip**

- (1) Operation Center in JCG Headquarters (Chiyoda-ku, Tokyo)
- (2) JCG Hydrographic and Oceanographic Department (Koto-ku, Tokyo)
- (3) Coast Guard Research Center (Tachikawa, Tokyo)
- (4) Coast Guard Academy (Kure, Hiroshima)
- (5) Special Rescue Station and Air Station (Ota-ku, Tokyo)
- (7) National Strike Team Station (Yokohama, Kanagawa)
- (8) Tokyo Wan Vessel Traffic Service Center (Yokosuka, Kanagawa)
- (9) Maritime Disaster Prevention Center (Yokosuka, Kanagawa)

● **Action Plan Presentation (20 min. /participant)**

- (1) Project Cycle Management Training for making Action Plan
- (2) Formulation, draft plan presentation and modification of Action Plan

● **Evaluation, Closing ceremony**

**3. Finalization Phase (activities in you agency/ department)**

- < 1 > Participants are expected to share or/and report the Action Plan in their organizations after returning to their countries.
- < 2 > Submit the After-Action report or presentation documents, which the participants would make to share with their organization, to JICA Yokohama within December, 2014.

### **III. Conditions and Procedures for Application**

#### **1. Expectations for the Participating Organizations:**

- (1) This project is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Applying organizations are expected to use the Program for those specific purposes.
- (2) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in Section III-2 below.

#### **2. Responsibility of the Participating Organization:**

The participating organization is to be responsible to support the participant for sharing the knowledge within the organization and seeking the possibility of implementation of the Action Plan developed by the participant during the program in Japan.

#### **3. Nominee Qualifications:**

Applying Organizations are expected to select nominees who meet the following qualifications.

##### **(1) Essential Qualifications**

1) Current Duties: be officials presently engaged in the field of maritime search and rescue and/or marine disaster prevention and/or marine environment protection.

**Officials in charge of planning are most appropriate for this course.**

2) Experience in the relevant field: have more than five (5) years' experience in the field of maritime search and rescue and/or marine disaster prevention.

3) Educational Background: completion of university or equivalent

4) Age: be under fifty (50) years

5) Language: have a competent command of spoken and written English which is equal to TOEIC 730 or more. Experiences have shown that many participants find themselves unable to make progress in their training because of inadequate knowledge of English. (This course includes active participation in discussions, action plan development, thus requires high competence of English ability.

Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible.)

6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan.

7) Civil Status: must not be serving any form of military service.

#### **4. Required Documents for Application**

**(1) Application Form:** The Application Form is available at **the JICA office (or the**

**Embassy of Japan).**

**\*Pregnancy**

Pregnant participants are strictly requested to attach the following documents in order to minimize the risk for their health.

- ① letter of the participant's consent to bear economic and physical risks
- ② letter of consent from the participant's supervisor
- ③ doctor's letter with permission of her training participation.

Please ask JICA Staff for the details.

**(2) Nominee's English Score Sheet:** to be submitted with the application form, if you have any official documentation of English ability (e.g., TOEFL, TOEIC, IELTS).

**(3) Country Report:** to be submitted with the application form. The detail information is provided in the ANNEX "Country Report".

**5. Procedure for Application and Selection :**

**(1) Submitting the Application Documents:**

Closing date for application: **Please inquire to the JICA office (or the Embassy of Japan).**

After receiving applications, the JICA office (or Embassy of Japan) will send them to the JICA Center in JAPAN by **August 1, 2014**

**(2) Selection:**

After receiving the document(s) through proper channels from your government, the JICA office (or the Embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.*

**(3) Notice of Acceptance**

Notification of results will be made by the JICA office (or Embassy of Japan) **not later than August 22<sup>nd</sup>, 2014.**

**(4) Documents to be submitted by accepted candidates:**

- My Target Report
- Presentation data on Country Report

Selected participants are required to submit My Target Report and the audio-visual data such as power point on Country Report by **September 16, 2014** to JICA Yokohama by email ([yictt1@jica.go.jp](mailto:yictt1@jica.go.jp)). The country report will be

introduced by presentation of the participant in the beginning of the training course. It should be prepared in the form of the attached ANNEX.

Participating organization is expected to support making their reports.

**6. Conditions for Attendance:**

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA,
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain,
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.
- (9) to participate the whole program including a preliminary phase prior to the program in Japan. Applying organizations, after receiving notice of acceptance for their nominees, are expected to carry out the actions described in section III-5(4) and section III-7(1) below.

**7. Document(s) to be submitted by participants:**

**(1) Action Plan**

During the program in Japan, participants are required to formulate the draft of Action Plan in order to improve and/or to solve the challenges and issues in their home countries after they will return. At the final stage of the program, the participants are requested to present their Action Plan.

Participating organizations are responsible for supporting the participant to share the knowledge within the organization and to seek the possibility for implementing the draft of Action Plan developed by the participant during the program in Japan.

**(2) After-Action Report**

Participants are requested to submit the After-Action Report, describing how you share and/or report your action plan and what you learned from the training in Japan to your organization. It is acceptable to use the report or power point data you made to submit to your organization as a substitute for After-Action Report.

## IV. Administrative Arrangements

### 1. Organizer:

(1) **Name:** JICA Yokohama

(2) **Contact:** Ms. Tomomi Nishigaki

Email: Nishigaki.Tomomi.2 @jica.go.jp

Cc: yicct1 @jica.go.jp

### 2. Supervising Partner:

(1) **Name:** Japan Coast Guard (JCG)

- Headquarter
- The 3<sup>rd</sup> Regional Coast Guard Headquarters
- Japan Coast Guard Academy
- Maritime Disaster Prevention Center

(2) **URL:** <http://www.kaiho.mlit.go.jp/>

(3) **Remark:** JCG was founded in 1948 and has been commissioned to save lives and properties and to maintain peace and order at sea, taking charge of maritime activities in SAR, law enforcement, maritime disaster prevention and marine environment protection, hydrographic surveys, aids to navigation services and etc.

The Regional Coast Guard Headquarters is charged by JCG with the responsibility for saving lives and properties and for maintenance of order and safety at sea, taking charge of maritime activities in SAR, law enforcement, maritime disaster prevention and marine environment protection, hydrographic surveys, aids to navigation services and etc.

The Japan Coast Guard Academy is an educational institution whose purpose is to train the personnel who will become the next generation of JCG staff officers.

### 3. Travel to Japan:

(1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.

(2) **Travel Insurance:** Coverage is from the time of arrival up to departure in Japan. Thus traveling time outside Japan will not be covered.

### 4. Accommodation in Japan:

JICA will arrange the following accommodations for the participants in Japan:

JICA Yokohama International Center (JICA YOKOHAMA)

Address: 2-3-1, Shinko, Naka-ku, Yokohama, 231-0001, Japan

TEL: 81-45-663-3251 FAX: 81-45-663-3265

(where "81" is the country code for Japan, and "45" is the local area code)

If there is no vacancy at JICA YOKOHAMA, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of JICA

Yokohama at its URL, <http://www.jica.go.jp/yokohama/index.html>

### **Expenses:**

The following expenses will be provided for the participants by JICA:

- (1) Allowances for accommodation, living expenses, outfit, and shipping
  - (2) Expenses for study tours (basically in the form of train tickets).
  - (3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)
  - (4) Expenses for program implementation, including materials
- For more details, please see “III. ALLOWANCES” of the brochure for participants titled “KENSU-IN GUIDE BOOK,” which will be given before departure for Japan.

### **5. Pre-departure Orientation:**

A pre-departure orientation will be held at the respective country’s JICA office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

## ***V. Other Information***

1. **Official Uniform**: There are some occasions to wear the uniform during the training period in Japan. Therefore, we request you to bring your official uniform. In case, your organization doesn’t have any uniform, business suit is substitutable.
2. **Laptop Computer**: Although there are computer rooms in JICA Yokohama, it is advisable to bring your laptop computer in order to make an action plan during the training course. Most of accommodations have internet access.
3. **Allowance**: Allowance will be deposited to your temporary bank account in Japan a couple of days after your arrival in Japan. Therefore, it is advisable to bring some cash or travelers’ checks with you at least for the first few days to survive in Japan. Please note that it is very important to exchange your bank notes or checks into Japanese Yen (JPY) at any international airports on the way to come. You may not have time for exchange into JPY due to the busy training schedule.

## **VI. ANNEX:**

### **Search and Rescue, Disaster Prevention and Environment Protection Course for the Officials for Maritime Safety Operation Level (JFY 2014) *Country Report***

Applicants are requested to prepare a country report on the following issues and submit it together with the Application Form. The report should be typewritten in English on A4 size paper (21 cm x 29.5 cm) in single spacing with the format indicated below.

This report is divided into two sections (Part I and Part II)

**Part I** is general information and should be a brief overview of the country situation.

**Part II** is specific information concerning challenges and issues on maritime search and rescue, marine disaster prevention, and marine environment protection system in your country.

#### **Part I – General Information**

##### **1. Introduction**

1-1. Name of Participant

1-2. Name of Organization

1-3. Organizational Chart

(Preferably the order of the higher to lower offices shown in a blocked diagram with the participant post clearly marked.)

1-4. Description of services which your organization provides

1-5. Description of your job

1-6. The names and functions of national authorities related to your job

##### **2. Background on maritime SAR, marine disaster prevention, and marine environment protection in your country**

2-1. The system for marine disaster prevention activities in your country including the summary of National Contingency Plan for responding to oil-spill and HNS-spill incidents if possible

2-2. The system for marine environment protection activities in your country

2-3. The facilities of Maritime SAR in your country

a. Unit available (number of vessel, helicopters etc.)

b. Some examples of SAR operation

2-4. Equipment for oil-spill and HNS which your organization has

2-5. The name of the countries, International organizations and

regional frameworks cooperated with your country in the area of marine disaster prevention and marine environment protection

**3. Actual condition on maritime SAR, marine disaster prevention, and marine environment protection**

- 3-1. Statistics of marine casualties (Statistics of SAR)
- 3-2. Statistics of marine pollution
- 3-3. Situation of maritime accidents and disaster in your country with a study note on some typical case(s)
- 3-4. Situation of marine disaster of oil-spill and HNS in your country with a study note on some case(s) which had a social impact
- 3-5. Description in detail how the related organizations cooperate and coordinate with each other in order to cope with the accident

**Part II – Challenges and issues on maritime SAR, marine disaster prevention, and marine environment protection in your country**

1. Challenges and Issues

- 1-1. Major problems of your country and your department in the field of maritime search and rescue
- 1-2. Major problems of your country and your department in the field of marine disaster prevention (oil-spill and HNS)
- 1-3. Clear description of issues to be solved in your organization or your department by using the result of this training course.

**Reference**

If it's available, please attach the following materials to the report.

- SAR manual
- Oil spill combatting manual
- HNS spill combatting manual

**NOTE: For selected participants only;**

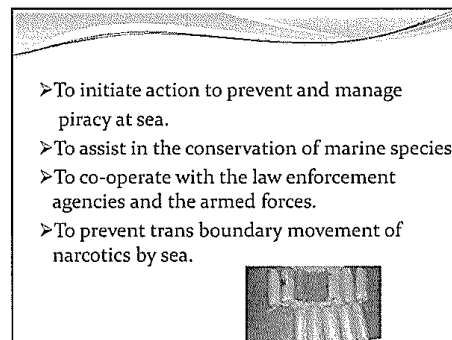
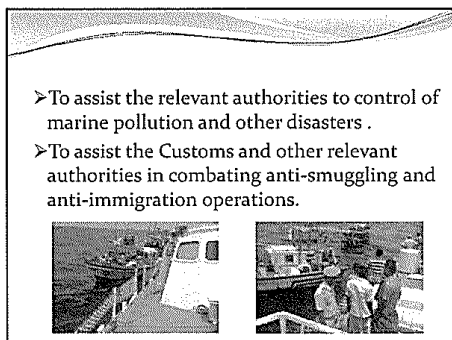
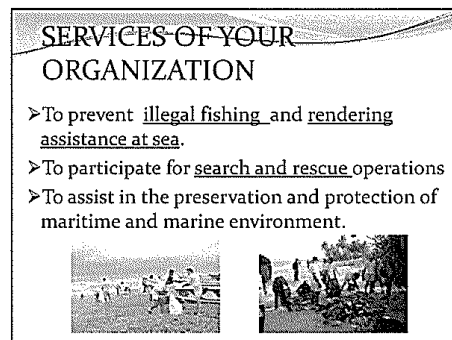
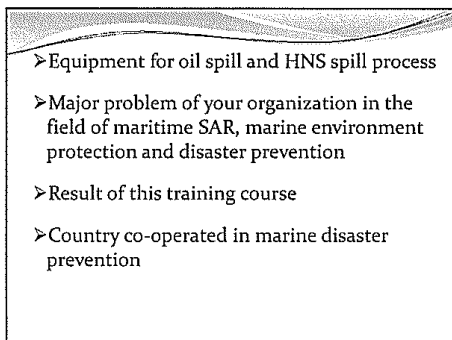
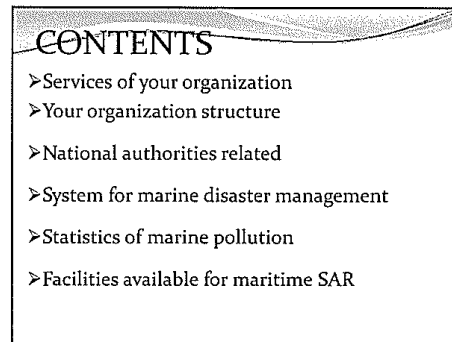
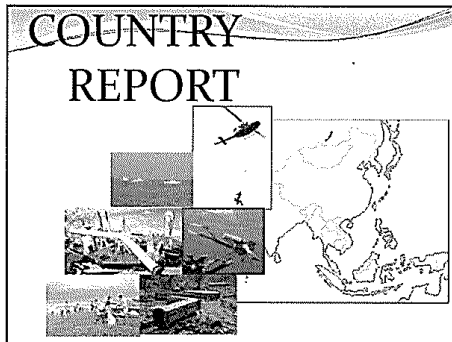
- (1) Selected participants are requested to make a 20 min presentation on their country report. Each participant is suggested to prepare Power Point materials and send it to us by the date mentioned below.
- (2) Selected participants are requested to make a "My Target Report (use of following attachment)" together with your affiliation.
- (3) Please submit the both data (1) and (2) on **September 16, 2014.**  
by e-mail to [yictt1@jica.go.jp](mailto:yictt1@jica.go.jp)

Participants' Country Reports are used as training materials (especially useful in comparative studies).

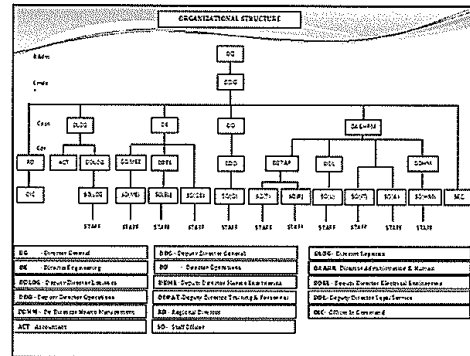


# [Example of Country Report]

2013/4/26



- To disseminate information including warnings by radio or any other means in times of natural catastrophes.
- To assist the relevant authorities in ensuring safety of life and property at sea.



### NATIONAL AUTHORITIES RELATED

- Navy
- Air force
- Marine Environment Pollution Authority
- Coast conservation Department
- Disaster Management Coordinating Centre
- Civil Aviation Department

### NAVY

- Provide assistants when in maritime disasters.
- Coastal protection
- Provide assistant to maritime SAR

### AIR FORCE

- Provide assistant to SAR
- Carry out maritime surveillance




### MARINE ENVIRONMENT PROTECTION AUTHORITY

- National authority responsible for prevention, control, monitoring, mitigation and management of pollution
- Restoration of the damaged environment
- Take overall command particularly in larger spills at sea




**COAST CONSERVATION DEPARTMENT**

- Make provision for a survey of the coastal zone and the preparation of a Coastal Zone Management Plan.
- Regulate and control development activities within the coastal zone.
- Make provision for the formulation and execution of schemes of work




**DISASTER-MANAGEMENT COORDINATING CENTRE**

- Provide hazard and risk information using appropriate methods .
- Formulate and implement mitigation strategies for potential future losses.
- Provide for accurate early warnings.
- Improve community understanding of risks .




**CIVIL AVIATION DEPARTMENT**

- Primary function is to undertake activities that promote civil aviation safety and security

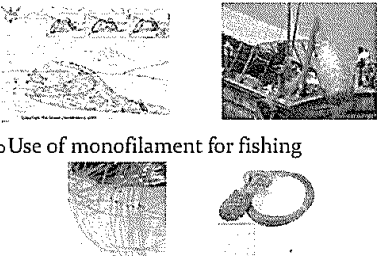


**ILLEGAL FISHING**

- prohibited five fishing methods
  - Push net for fishing operations
  - Harpooning for marine mammals




- Moxi nets fishing operation
- Using gillnet or trammel net on coral reefs or rocks
- Use of monofilament for fishing



**RENDERING ASSISTANT AT SEA**

- Render assistance to a local fishing trawlers
- Assist salvage teams for the salvage



## CONDUCT SAR OPERATIONS



- Carried out SAR operations to find missing local fishing boats.
- SAR operations done during war period to find sunk naval crafts.

## SYSTEM FOR MARINE DISASTER MANAGEMENT

- Marine Environment Protecting Authority (MEPA), earlier called as Marine Pollution Prevention Authority (MPPA) is responsible organisation for addressing issues of marine disasters.
- They have formulated an action plan call National Oil Spill Contingency Plan (NOSCOPI).
- MEPA will coordinate and coordinate the operation.

## STATISTICS OF MARINE POLLUTION

- MV AAA Incident

## MV AAA INCIDENT

- MV AAA was reported in distress off A with head sinking in August 1999.
- The crew was rescued by a passing by vessel and the master abandoned the vessel out side the territorial waters of country A.
- It was reported that MV AAA ran aground at a distance of about 1000 m of A coast consequent to the grounding the vessel had broken.

## FACILITIES AVAILABLE FOR MARITIME SAR

- |                           |          |
|---------------------------|----------|
| ➤ Off Shore Patrol Vessel | -03 No's |
| ➤ Fast Gun Boats          | -10 No's |
| ➤ Fast Attack Craft       | -49 No's |
| ➤ Fast Patrol Boat        | -10 No's |
| ➤ Surveillance Air Craft  | -02 No's |
| ➤ Fixed wing Air craft    | -51 No's |
| ➤ Rotary wing Air Craft   | -32 No's |

## EQUIPMENT FOR OIL SPILL AND HNS SPILL PROSESS

- Presently Coast Guard did not possess any equipment .
- Process is underway to acquire such equipment including three crafts .



### MAJOR PROBLEMS FACED BY YOUR COUNTRY IN THE FIELD OF MARITIME SAR

- Lack of dedicated flat form.
- Non availability of fully pledge MRCC.
- Shortage of trained personnel.
- Non availability of dedicated air wing and rotary Air crafts for maritime surveillance, Search and rescue.

### MAJOR PROBLEMS FACED BY YOUR COUNTRY IN THE FIELD OF MARINE DISASTER PREVENTION

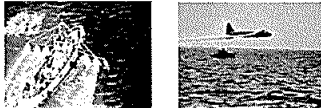
- Unavailability of specialized pollution combating equipment including suitable vessels/ Air crafts.
- Lack of trained and competent personnel within the organisation



- Less experience, knowledge, interest and unpreparedness of public.
- Lack of personnel protection equipments.



- Lack of Pollution treatment products.



### RESULT OF THIS TRAINING COURSE

- Addressing of training issues.
- Formulation of SOPs.
- Effective participation when situation demands.

### COUNTRY COOPERATED IN MARINE DISASTER PREVENTION

- Japan

THANK YOU

## ***My Target Report***

Selected participants are requested to make a "My Target Report (use of following attachment)" together with your affiliation. Please submit the data together with country report on **September 16, 2014** by e-mail to [yictt1@jica.go.jp](mailto:yictt1@jica.go.jp)

Applicant Name	Signature
Immediate Manager	Signature

### **1. Personal Target**

Please describe your personal target to participate in this training course, such as what you want to learn, how to apply your experience in Japan, etc.

### **2. Organizational Target**

Please describe your target in your organization, applying experience of the training course by your effort.

### **3. Other**

If possible, please discuss with alumni of the training course, and describe what you expect from the training course based on the discussion.

## ***For Your Reference***

### **JICA and Capacity Development**

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that “capacity development” is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

### **Japanese Development Experience**

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the “*adopt and adapt*” concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan’s developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of “tacit knowledge,” a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



***CORRESPONDENCE***

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

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