

PROJECT COMPLETION REPORT

The Project for Capacity Development
of
Department of Transport
in
Port Policy and Administration
in
The Independent State of Papua New Guinea

February 2018

JAPAN INTERNATIONAL COOPERATION AGENCY

The Overseas Coastal Area Development Institute of Japan

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略語表

DNPM	Department of National Planning and Monitoring
DoT	Department of Transport
DOTC	Department of Transportation and Communications
IMO	International Maritime Organization
JCC	Joint Coordinating Committee
MTD	Maritime Transport Division
NMA	National Maritime Authority
NMSA	National Maritime Safety Authority
NTS	National Transport Strategy
PDM	Project Design Matrix
PNG	Papua New Guinea
PNGPCL	PNG Ports Corporation Ltd
PPA	Philippine Ports Authority
SBMA	Subic Bay Metropolitan Authority
WBS	Work Breakdown Structure

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1. Outline of the Project

1.1. Background of the Project

Papua New Guinea (PNG) is an archipelago country composed of more than 600 islands including the eastern half of New Guinea Island, New Britain Island, New Ireland Island and Bougainville Island. Most of the land of the country is divided by steep mountains filled with deep rain forests which make it difficult to link inhabited areas with the road network. As a result, transportation of people and goods along the coast of the country is heavily dependent on air and sea transport. Domestic cargo transport is dominantly undertaken by sea transportation.

The National Transport Strategy (NTS), announced in July 2013, sets out the government's long-term policy for development of the transport sector, corresponding to the Vision 2050 and Development Strategic Plan of the country. It is reiterated in the Strategy that rehabilitation and expansion of port facilities are one of the key issues for the development of the transport sector.

Existing facilities of the major ports in PNG have become deteriorated and are unable to cope with the growing demand and recent trend of modern shipping business. To promote economic growth of the country, the government needs to take the initiative in developing the national port network. However, some regulatory functions have been delegated from DoT to PNGPCL and National Maritime Safety Authority (NMSA). And the management of ports other than the delegated ports does not seem to be well supervised by any government organization. Under such circumstances, the government's responsibility is not always clear which tends to complicate the decision making process.

In order to actualize its policy, it is indispensable for the government to have thorough knowledge of policy measures and tools pertaining to port administration. It is also important to reinforce human capacity of DoT to efficiently handle this new function.

Against this background, DoT introduced a policy to enhance the capacity of its organization, and requested the Japanese Government to assist in the capacity development of staff members.

JICA, in response to the request, has decided to carry out the Technical Cooperation Project in close collaboration with DoT.

1.2. Purpose of the Project

The purpose of the Project is to develop the capacity of DoT in Port Policy and Administration in accordance with the agreement between DoT and JICA.

1) Overall Goal:

National port administration in PNG is executed smoothly through strengthening the capacity of government officials of PNG.

2) Project Purpose:

Capacity of DoT to reassume the national port administrator to develop policy, plans and enforce law /regulation is enhanced.

3) Output:

The expected outputs of the Project are as follows;

- (1) Roles and responsibilities of DoT and other organizations in port sector are clarified.
- (2) Basic skill and knowledge to execute port administration is enhanced.
- (3) Basic information on port facilities is collected and analyzed.

1.3. Project Term

The Project had originally started with the period of three years, namely from 2014 to 2016. The Project was extended for the period of one more year (2017) and this period was regarded as an extension of the third year of the original period. This decision was made at the ad-hoc JCC meeting held on 7th September, 2016. The intention of the extension is to further enhance the basic skill and knowledge regarding port administration, while closely monitoring the development of structural reform of PNG maritime sector which is currently under preparation based on the government policy guideline “National Transport Strategy” announced in May 2013.

2. Joint Coordinating Committee (JCC)

JCC is established in order to facilitate inter-organizational coordination in the Project. JCC is held basically twice a year and additionally whenever deemed it necessary. The function of JCC is to approve the annual work plan at the beginning of the Project year, review overall progress, conduct monitoring and evaluation of the Project, and exchange opinions on major issues that arise during the implementation of the Project. JCC is chaired by the Project Director, Secretary for Transport DoT, and attended by designated members of JCC.

Members of JCC are as follows:

PNG Side

- First Assistant Secretary, Maritime Transport Division
(also acts as Project Manager)
- First Assistant Secretary, Policy & Research Division
- Assistant Secretary, Maritime Transport Division
- First Assistant Secretary, Rural Transport Infrastructure Development Division
- First Assistant Secretary, Maritime Security Division
- Representative from PNG Ports Corporation Ltd.
- Representative from National Maritime Safety Authority
- Representative from Foreign Aid Division, Department of National Planning and Monitoring

Japanese Side

- JICA Experts for the Project
- Representatives from JICA PNG Office
- Officials of Embassy of Japan in PNG are invited as observers

JCC was held total nine (9) times during the Project duration of four (4) years. The date and agenda of each JCC are shown in the table below:

Project Year	No(serial)	Date	Chair	Agenda
1 st year (2014)	1 (1)	9 th April	Mr. Kevin Luana Deputy Secretary, DoT	• Work plan for the 1 st year • Recruitment of new staff
	2 (2)	19 th November	Mr. Roy Mumu Secretary, DoT	• Draft progress report 1 st year • Counterpart fund for 2 nd year
2 nd year (2015)	1 (3)	22 nd April	Mr. Roy Mumu Secretary, DoT	• Work plan for the 2 nd year • Port survey program
	2 (4)	25 th November	Mr. Roy Mumu Secretary, DoT	• Draft progress report 2 nd year • Counterpart fund for 3 rd year
3 rd year (2016)	1 (5)	20 th April	Mr. Roy Mumu Secretary, DoT	• Work plan for the 3 rd year • Demarcation among the port related organizations

	2 (6)	7 th September	Mr. Kevin Luana Deputy Secretary, DoT	<ul style="list-style-type: none"> • Revision of PDM • Extension of the Project
	3 (7)	24 th November	Mr. Roy Mumu Secretary, DoT	<ul style="list-style-type: none"> • Draft interim report 3rd year • National Port Administration
Extension (2017)	1 (8)	29 th March	Mr. Roy Mumu Secretary, DoT	<ul style="list-style-type: none"> • Work plan for extension period • Maritime Sector Reform
	2 (9)	29 th November		<ul style="list-style-type: none"> • Draft completion report • Overall review of the Project

Useful and constructive discussion among the JCC members was held in every occasion. As the Project progress, the issue of national port administration, in conjunction with the raising issue of DoT maritime sector reform, became the core part of the discussion in the JCCs.

The minutes of the meeting of all the JCC are shown in Appendix No. 6 of this report.

3. Project Team

The Project Team was formed on the counterpart side for the purpose of technical transfer of basic knowledge regarding policy measures and tools for national port administration.

Members were selected from DoT (four from Maritime Transport Division, one from Policy and Research Division and one from Rural Transport Infrastructure Development Division).

In principle, members of the team should remain unchanged during the implementation of the Project. However, due to unavoidable circumstances, members from PNGPCL were replaced from original members to new members during the Project period. The Project Team meets on the occasion of Workshops and jointly works for Port Facility Surveys.

Current members of the Project Team are shown as follows:

	Name	Organization
1	Mr. Manau Suu	Maritime Transport Division, DoT
2	Ms. Priscilla Ure	Maritime Transport Division, DoT
3	Mr. Sylvester Rokuman	Maritime Transport Division, DoT
4	Mr. Joseph Lelepo	Maritime Transport Division, DoT
5	Mr. Sent Raiya	Policy and Research Division, DoT
6	Ms. Marion Kila	Rural Transport Infrastructure Development Division, DoT
7	Ms. Hane Kila	Maritime Compliance Division (Harbors Management Services), PNGPCL
8	Mr. Vagi Eoima	Infrastructure Division, PNGPCL

4. Major Activities of the Project

4.1. Activities and Progress related to Output (1)

Roles and responsibilities of DoT and other organizations in port sector are clarified.

(1)

Through the project period, workshops were held to enhance the basic knowledge and understanding of the Project Team Members on roles and responsibilities of DoT in the national port administration. Topics tabled at the workshops in connection with Output (1) are summarized hereunder:

No.	WS-Number	WS-Date	Subject
1	WS-1	20140306	Overview
2	WS-2	20140416	Port Development
3	WS-8	20140813	Port/Waterfront Area
4	WS-9	20141001	Necessity of port data
5	WS-11	20141114	Cargo Demand Forecast (1)
6	WS-12	20141117	Cargo Demand Forecast (2) & (3)
7	WS-18	20150807	Method of Port Planning
8	WS-19	20150930	IMO
9	WS-19	20150930	Environment of Port
10	WS-20	20151014	Third Country Training
11	WS-20	20151016	Group Training in Japan
12	WS-23	20151106	World trend of Port Administration
13	WS-24	20151118	Port Plan & Technical Practice Demarcation of Port Administration
14	WS-25	20151120	Maritime Conventions
15	WS-27	20160706	National Port Policy
16	WS-29	20160921	Port-related laws in PNG
17	WS-30	20161109	Laws for Governing Ports
18	WS-33	20170405	Case Study Indonesia
19	WS-35	20170410	Type of Port Management

20	WS-37	20170629	Master Plan & Industrial Development
21	WS-39	20170707	National Port Administration in PNG
22	WS-42	20170929	Crisis Management in Port Administration
23	WS-44	20171013	Policy Evaluation
24	WS-45	20171115	Development Policy and Nation-wide Transport Network in Japan
25	WS-47	20171122	Summarization of the National Port Administration

(2) Progress

Knowledge and understanding on roles and responsibilities of various organizations of port sector were accumulated. The improvement was proven by the meaningful questions from the participants on the occasion of workshops and general positive attitude towards the lectures.

4.2. Activities and Progress related to Output (2)

Basic skill and knowledge to execute port administration is enhanced.

(1) Activities

Basic port policy tools are presented and explained through the workshops. Port policy tools include port governing system, port inventory, port statistics and criteria/guidance for port development. Each subject was handled at the workshops throughout the project period and trial port classification was carried out for 15 declared ports under the management of PNGPCL. Port inventory was picked up as a practical exercise item of principal port policy tool.

Port Governing System

No.	WS-Number	Date	Subject
1	WS-3	20140423	Port Classification and its purpose
2	WS-6	20140716	Port Classification in Japan
3	WS-15	20150520	Port Classification in other countries
4	WS-21	20151016	Port Classification trial application to PNG
5	WS-26	20160511	Port Classification exercise

Port Statistics

No.	WS-Number	Date	Subject
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1	WS-5	20140507	Overview
2	WS-7	20140730	Survey Methodologies
3	WS-10	20141112	Application of Statistics
4	WS-20	20151014	Statistics & Transport Info. Act
5	WS-38	20170705	Review of Port Statistics
6	WS-40	20170712	Statistics Survey Work Flow
7	WS-41	20170927	Instruction for Port Survey
8	WS-43	20171011	Summary of Port Statistics

Port Inventory

No.	WS-Number	Date	Subject
1	WS-4	20140430	Practical Approach
2	WS-9	20141001	Outline of Port Inventory

Port Survey Method

No.	WS-Number	Date	Subject
1	WS-9	20141001	Bathymetric Survey
2	WS-14	20150429	Survey Planning Methodologies

Criteria for Port Development

No.	WS-Number	Date	Subject
1	WS-13	20150415	Port Administration in Japan
2	WS-16	20150527	Development Guidelines
3	WS-17	20150805	Port Planning Standard
4	WS-22	20151104	Maintenance of Port facilities(1)
5	WS-25	20151120	Maintenance of Port facilities(2)
6	WS-28	20160713	Regulation for environment etc
7	WS-31	20161116	Maintenance of Port facilities(3)
8	WS-34	20170407	Demand Forecast of Cargo
9	WS-36	20170412	Exercise of Port Planning
10	WS-46	20171117	Construction Management Guideline
11	WS-48	20171124	Review of Criteria of Port Development

(2) Progress

Trial port classification by the project team members was carried out in a satisfactory manner.

The method that they used was basically in accordance with the one that was taught at various workshops. Knowledge and skills to prepare the port classification was successfully transferred to the project team members. Port Statistics was explained and discussed extensively at the occasion of workshops. Actual method of collecting the data from parties concerned was explained based on the method utilized in Japan. Nine workshops were held to deal with Criteria for Port Development. One workshop took up the issue of environmental regulation in port which becomes very important factor in the criteria of port development. Most of the contents of the workshops were duly acknowledged and understood by the project team members.

4.3. Activities and Progress related to Output (3)

Basic information on port facilities is collected and analyzed.

(1) Activities

One of the objectives of the Project is the compilation of Port Inventory as a practical exercise of port policy tools. In order to collect necessary data for the port inventory, field trips for the purpose of port facility surveys were carried out during the period. The Project surveyed over 100 port facilities in the country and attained the target set out in the project. During the extended period, principal activities are the refinement of the Port Inventories collected and compiled through the period. Extra surveys were carried out at Madang and Rabaul during the extended period (2017) in order to collect additional data and information.

(2) Progress

The Project Team members played leading role in port surveys while JICA experts joined the survey during their stay in PNG. Madang second survey in May 2017 was successfully carried out by the Project Team members' own initiative without any help from JICA experts. Their skills were improved through the co-working experiences with JICA experts. During the project period, a total of six survey trips were conducted by the Project Team members alone. Following is the list of port facilities covered by the Project Team members alone:

Province	Port/Port Facilities	Survey Date
Manus	Lorengau	June, 2015
West Sepik	Vanimu	June, 2015
Bougainville	Buka	September, 2015

Western	Daru, Kiunga	October, 2015
Central	Kupiano and others	October, 2016
Madang	Madang	May, 2017

Details of ports/port facilities surveyed during the Project period is shown in Appendix 8 of the Report.

4.4. Seminar

Seminars were held three (3) times during the Project period. It is the intention of the Project to invite wide range of stakeholders to the Seminar in order to promulgate the capacity building activities of the Project and enhance the awareness of the national port administration in PNG. The staff members of related divisions of DoT, PNGPCL, NMSA, Department of National Planning and Monitoring were the regular audience of the Seminar. The seminar is also used as an occasion of presentation of the outcome of the Project by the Project Team members.

The 1st Seminar was mainly focus on the historical background and current situation of port administration in Japan and PNG by the experts of both countries. The 2nd Seminar dealt with the topic of port development. Port development policy of both countries was digested by the experienced speakers. The 3rd Seminar was set up with different mode of configuration. In the part I of the Seminar, outcome of the Project was presented by the Project Team members. The part II was set up in panel discussion format. The panelists exchanged their view on the topic of PNG port policy. The active discussion was brought up involving the voice from the floor. The ambassador of Japan was present at this occasion and gave an special address to the participants.

1st Seminar (20th August, 2014)

Venue: Holiday Inn Port Moresby

	Subject	Speaker
1	Project Outline	Mr. Michiharu Nose, JICA Expert
2	Port Administration in Japan	Mr. Eiji Tomida, JICA Expert
3	Function of Harbor Management Services	Mr. Martine Ginyaru, Harbor Management Services, PNGPCL
4	Port Administration in PNG	Mr. Charles Siniu, FAS Maritime Transport Division, DoT

2nd Seminar (22nd May, 2015)

Venue: Gateway Hotel, Port Moresby

	Subject	Speaker
1	Port Development Policy	Mr. Philemon Maepa, Policy & Research Division, DoT
2	Port Development and Technical Standard	Mr. Tadahiko Kawada, JICA Expert

3	National Development Policy and Ports	Mr. Akira Koyama, JICA Expert
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3rd Seminar (27th July, 2016)

Venue: Holiday Inn Port Moresby

	Subject	Speaker
Part I (Outcome of the Dot Capacity Building Project)		
1	Port Inventory	Mr. Manau Suu, Maritime Transport Division, DoT
2	Port Classification	Mr. Sylvester Rokuman, Maritime Transport Division, DoT
3	Lesson Learnt from Overseas Training	Mr. Joseph Lelepo, Maritime Transport Division, DoT
Part II (Panel Discussion on Port Policy in PNG)		
	Initial Presentation	Mr. Sent Raiya, Policy & Research Division, DoT
	Panelist	Mr. Charles Siniu, FAS Maritime Transport Division, DoT
		Mr. Sent Raiya, Policy & Research Division, DoT
		Ms. Hane Kila, Harbor Management Service, PNGPCL
		Mr. Akira Koyama, JICA Expert
	Moderator	Mr. Michiharu Nose, JICA Expert

4.5. Counterpart Overseas Training

During the project period, the counterpart overseas training was held three times. Two overseas training was held in Japan, and one in the Philippines. Trainees were selected from the Project Team members. In the first year (2014) and the third year (2016), trainings were held in Japan. Various lectures on port management and other issues were given to the trainees. Visit to the Port of Tokyo and the Port of Yokohama were included in the training. The trainees also made local trip to Kyushu Island (Oita, Hakata and Nagasaki) to learn actual management of medium and small size port facilities in Japan. In the second year (2015), training was held in the Philippines as the third country training. The Philippines was selected for its geographical similarity with PNG as an archipelago country and its neighboring location with PNG. The trainees, accompanied by JICA expert team members, visited central government agencies, Department of Transportation and Communications(DOTC) and Philippine Ports Authority(PPA). The trainees also visited Subic Bay Metropolitan Authority (SBMA) to gain first-hand knowledge regarding actual port operation under a concession scheme with private terminal operators. Participants for the training are as follows:

The first year (2014) Japan

Training Period: From 4th to 19th October

	Name	Organization
1	Mr. Charles Siniu	Maritime Transport Division, DoT
2	Ms. Priscilla Ure	Maritime Transport Division, DoT
3	Mr. Joseph Lelepo	Maritime Transport Division, DoT
4	Mr. Mrtin Ginyaru	Maritime Compliance Division (Harbor Management Service), PNGPCL

The second year (2015) Philippines

Training Period: From 28th June to 6th July

	Name	Organization
1	Mr. Manau Suu	Maritime Transport Division, DoT
2	Mr. Sent Raiya	Policy & Research Division, DoT
3	Mr. Joseph Lelepo	Maritime Transport Division, DoT
4	Ms. Priscilla Ure	Maritime Transport Division, DoT

The third year (2016) Japan

Training Period: From 3rd to 18th December

	Name	Organization
1	Mr. Sylvester Rokuman	Maritime Transport Division, DoT
2	Mr. Sent Raiya	Policy & Research Division, DoT
3	Ms. Marion Kila	Rural Transport Infrastructure Development Division, DoT
4	Mr. Vagi Eoima	Infrastructure Division, PNGPCL

The detailed program and schedule of the three trainings are shown in Appendix No.5 of this report.

In addition to the counterpart overseas training of this Project, some of the Project Team members were given opportunities to partake JICA Group Training specialized for port management and operation.

Following is the summary of JICA Group Training and the Project Team Member participation:

Project Year	Name of Training	Training Period	Participant
2 nd year (2015)	Sustainable Port Development and Panning	From 3 rd June To 11 th August	Mr. Sylvester Rokuman
	Strategic Port Administration	From 12 th October	Mr. Sent Raiya

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	and Management	To 21 st November	
3 rd year (2016)	Sustainable Port Development and Panning	From 5 th June To 13 th August	Ms. Priscilla Ure
	Strategic Port Administration and Management	From 15 th January To 3 rd March, 2017	Mr. Joseph Lelepo

5. Challenges and Lesson learnt

5.1. Status of the Project Team

The Project Team is the core organization of the Project. The purpose of establishing the Project Team is to allow highly motivated personnel from the PNG side acquiring basic knowledge on port policy tools and measures. Members of the Project Team are expected to stay involved in the project throughout the project period.

The Project Team is formed by the personnel from various sections/organizations related to this project. Majority of the members is from the Maritime Transport Division of DoT (four out of eight members) while two are from other divisions of DoT and two are from PNGPCL. All the sections/organizations related to national port administration should be involved in the Project. For this purpose, at the beginning of the Project, invitation was also extended to NMSA to send suitable personnel to the Project Team. Due to NMSA's inactive response at that time, the Project team started without NMSA. NMSA however is a JCC member from the beginning.

Two members from PNGPCL were both replaced during the Project period despite of the basic policy of no-change of members during the capacity building period. The reason of replacement for one personnel was due to his resignation from the organization which is out of control of the Project. The other case was due to the needs of the Project for having a member who is closely involved with port infrastructure management at PNGPCL. So far, this arrangement is working well and mutual cooperation among different entities has been achieved without any material difficulty.

The only area that still needs improvement is the positive participation in the Project activities from the Team members outside of the Maritime Transport Division. All the Project Team members should gather and work together on the occasion of the Workshops, Seminar and Port surveys, but the actual result shows that the majority of the participants are from the Maritime Transport Division with relatively less participation from other members. In order to realize the initial aim in forming the Project Team, it was anticipated that members from other divisions of DoT and members from PNGPCL exercise their utmost efforts to attend the Project events. The actual outturn of the attendance ratio for the workshop sessions in average through the Project period was about 65%.

Considering daily routine work of the Project members at their working place and sudden call of the urgent meetings in their working place, it might be prudent to say that overall 65% shows best attainable results.

5.2. Arrangement of Counterpart Fund

For the achievement of the expected output, particularly Output (3), basic information regarding port facilities in PNG have to be collected and analyzed. For the collection of necessary data, the Project Team members are required to travel extensively to various local ports during the project period. It is

necessary to have extra funding arrangement to support such special travel expenses. This would be covered by the Counterpart Fund for the Project.

In order to make the Counterpart Fund available, prior arrangement with the Department of National Planning and Monitoring (DNPM) is imperative. In the first year of the project, DoT failed to get the fund due to late arrangement. In the second year, with careful preparation and negotiation with the parties concerned, the Counterpart Fund for the Project was successfully approved by the government. The port facility survey at local ports across the country was carried out as planned in the second year. But in the third year, the Project again suffered the lack of Counterpart Fund due to overall shortage of national fund.

Every possible measure was taken to generate the funds for necessary trip. Maritime Transport Division, DoT managed to dispense some fund from their limited budget. JICA cooperated in some trip to provide necessary local travel expenses for the counterpart members.

As the results, the Project could finally complete the survey of over 100 port facilities in PNG maritime Provinces which is a meaningful achievement.

5.3. Institutional reform of maritime sector

This is the fundamental issue that the port sector in this country has been struggling for the decades. The Project kept providing the necessary policy tools to prepare for the implementation of National Port Administration in the form of technical assistance. During the third year of the Project (2016), preliminary discussion about the future of the project became the eminent issue.

Coincide with this issue, the active discussion regarding actual implementation of National Transport Strategy (NTS), or the establishment of National Maritime Authority (NMA) in particular, had started by forming committees on this matter. The reform of government organization in maritime sector (including the abolishment of MTD) became one of the hot issues in this discussion.

Under the circumstances, it was considered to be rather premature to move to next phase of the Project without having clear picture who is going to be the counterpart of the project.

Instead, it was decided to extend current project for one year (2017) in order to assist DoT's efforts to develop the capacity for executing national port administration by way of further providing assistance of capacity building activities.

Through the extended period (2017), Maritime Transport Division DoT was expected to work out the desirable institutional structure of port administration and identify the function of each port-related organization. The work should be summarized as Maritime Transport Division's statement to the stakeholders for institutional reform of port sector (roles and responsibilities taken by DoT). It is hoped that the document be ready for distribution in not so distant time.

6. Achievements of the Project

The achievements of the Project are evaluated based on the Project Design Matrix (PDM) dated 7th September, 2016.

(1) Overall Goal

Narrative Summary

National port administration in PNG is executed smoothly through strengthening the capacity of government officials of PNG.

Objectively Verifiable Indicators

- Confirmed roles and responsibility of DoT and other organizations in the port sector

Achievements

Discussions are still being held among the government agencies concerned regarding the actual implementation of the government guideline “National Transport Strategy” and reform of maritime sectors in particular. It is expected that all outputs of the Project would contribute to the smooth execution of national port administration with government officials who accumulated knowledge through the Project assuming leading roles.

(2) Project Purpose

Narrative Summary

Capacity of DoT to reassume the national port administrator to develop policy, plan and enforce law/regulation is enhanced.

Objectively Verifiable Indicators

- Average of 70% is scored on final achievement tests by project members
- Proposal presented by Department of Transport (DoT) to National Maritime Authority (NMA) steering committee for institutional reform of port sector (roles and responsibilities taken by DoT)

Achievements

The average score on the achievement test taken by the eight (8) Project team members was 78%. This indicates that the capacity of the Project team members was enhanced to the level that basic port policy tools are understood and readily usable in actual work whenever an administrative change takes place. Proposal by DoT is prepared and now in final stage for presentation based on the contents of discussions at workshops and related materials provided.

(3) Project Output (1)

Narrative Summary

Roles and responsibilities of DoT and other organizations in the port sector are clarified.

Objectively Verifiable Indicators

- Drafted port administration structure and function of each organization

Achievements

This is closely connected with the ongoing maritime sector reform movement among the concerned parties (refer to sub-section 5.3 Institutional reform of maritime sector in Section 5 Challenges and Lesson Learnt). Discussions are ongoing among the maritime related agencies in PNG, namely DoT, NMSA and PNGPCL. The discussions are focused on a review of the current functions among agencies in order to increase efficiency and clarity of the functional status of each organization. Reform of port administration structure being dealt within this Output (1) is forming a part of the entire maritime reform work being undertaken by the PNG government. In this Project, the guidelines and suggestions on the reform of port and harbor administration were discussed at length in various workshops and the materials for the discussion were compiled and presented for the disposal of the Project team members.

(4) Project Output (2)

Narrative Summary

Basic skill and knowledge to execute port administration is enhanced.

Objectively Verifiable Indicators

- Average of 70% is scored for achievement tests by project members
- 15 declared ports are classified for trial
- Developed textbooks on port governing system, port inventory, port statistics and criteria for port development

Achievements

The average score on the achievement test taken by the eight (8) Project team members was 78%. Trial classification of 15 declared ports currently operated by PNGPCL was carried out by the Project team members and the result was presented to a wide audience at the occasion of the Project seminar held on 27th July, 2016. Textbooks were developed and compiled together with the related materials used in the workshop sessions. Despite of the fact that majority of the Project team member had little opportunity to engage themselves in actual port administration and management, certain level of understanding on basic port policy tools was successfully attained.

(5) Project Output (3)

Narrative Summary

Basic information on port facilities is collected and analyzed.

Objectively Verifiable Indicators

- At least 100 ports/port facilities are surveyed and compiled in the list

Achievements

Though the Project period, extensive surveys were carried out by the Project team members. As a result, 115 port facilities were surveyed and the collected data was compiled in the form of port inventory. The lists of surveyed port facilities are shown in Appendix 8 of the Report. Members are expected to refine the data and keep the information updated for the purpose of enhancing national port administration by actual utilization of this useful tool after completion of the Project.

7. Recommendation for Achieving the Overall Goal

Project Overall Goal
National port Administration in PNG is executed smoothly through strengthening the capacity of government officials of PNG

Recommendations for achieving the overall goal of the Project are as follows:

(1) Establishment of desirable national port administration scheme

Through the Project period, desirable status of national port administration was explained and discussed on the occasion of workshops and seminars or through daily contact with the Project team members. Many alternative forms of port administration adopted in various countries in the world were introduced during the course of the Project. Viewpoints to be borne in mind when constructing a desirable structure for national port administration in PNG were also introduced.

Ports and harbors play an important role for the development of PNG. Because of the country's geographical situation, transportation of people and goods along the coast line is heavily dependent on sea transport. The role of ports is indispensable for the nation as a logistics node. The government should be fully responsible for the administration of the ports in the country.

It is hoped that the counterpart organizations of the Project create an effective port administrative framework by making full use of the knowledge accumulated during the Project.

(2) Effective utilization of the outputs of the Project

Basic port policy tools and measures were extensively explained through the Project period.

All the knowledge attained through the workshops is at the disposal of Project team members. It is hoped that the knowledge they earned be used whenever and wherever needed in the course of actual implementation of national port administration in PNG.

(3) Regular maintenance of port policy tools

The information provided during the Project period is the latest information and technology at the time of delivery. However the situation is changing and technology is advancing every year. Therefore, it is necessary to continuously monitor any changes in the situation including advances in technology and update the information in hand accordingly in case of need. For the information contained in the port inventory, it is necessary to regularly review and update the information for meaningful use in actual port administration.

(4) Retention of qualified government officials in the port sector

The Project was designed from the starting point that technical knowledge would be transferred to the designated Project team members. And for the effective accumulation of knowledge, it was required that team members stay in the Project from the start to the end. It was thought Team members could then utilize the know-how on port administration acquired in this Project in a port-related position within the government. Therefore, it is hoped that the government make efforts to ensure that the project team members remain in the port sector and foster them as qualified government officials.

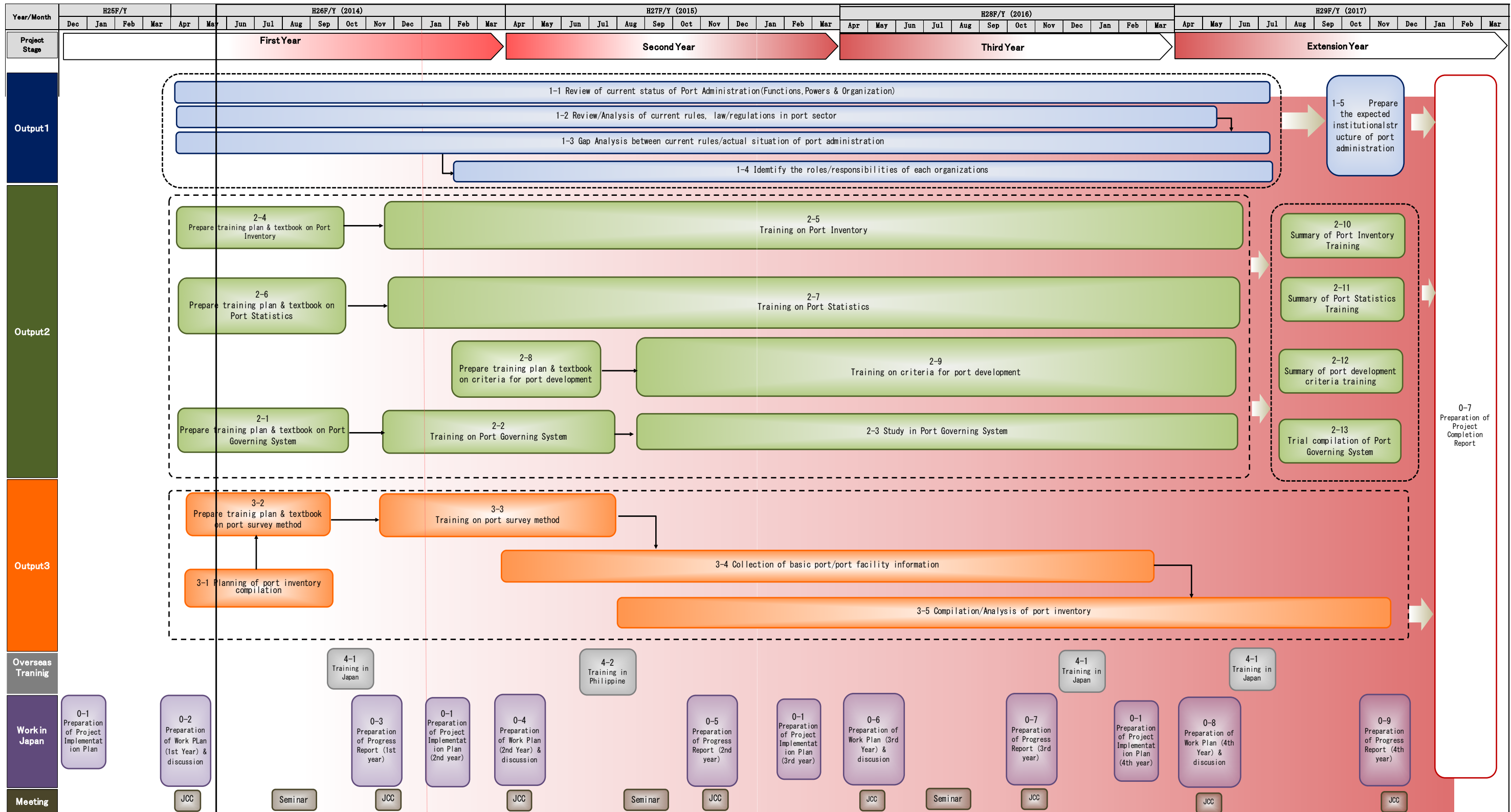
APPENDIX

1. PDM
2. Flowchart of the Project
3. WBS
4. Work Schedule of JICA experts
5. Overseas Training Schedule
6. JCC Minutes
7. News Letter
8. Surveyed Port / Port Facilities List
9. Achievement Test

APPENDIX 1: PDM

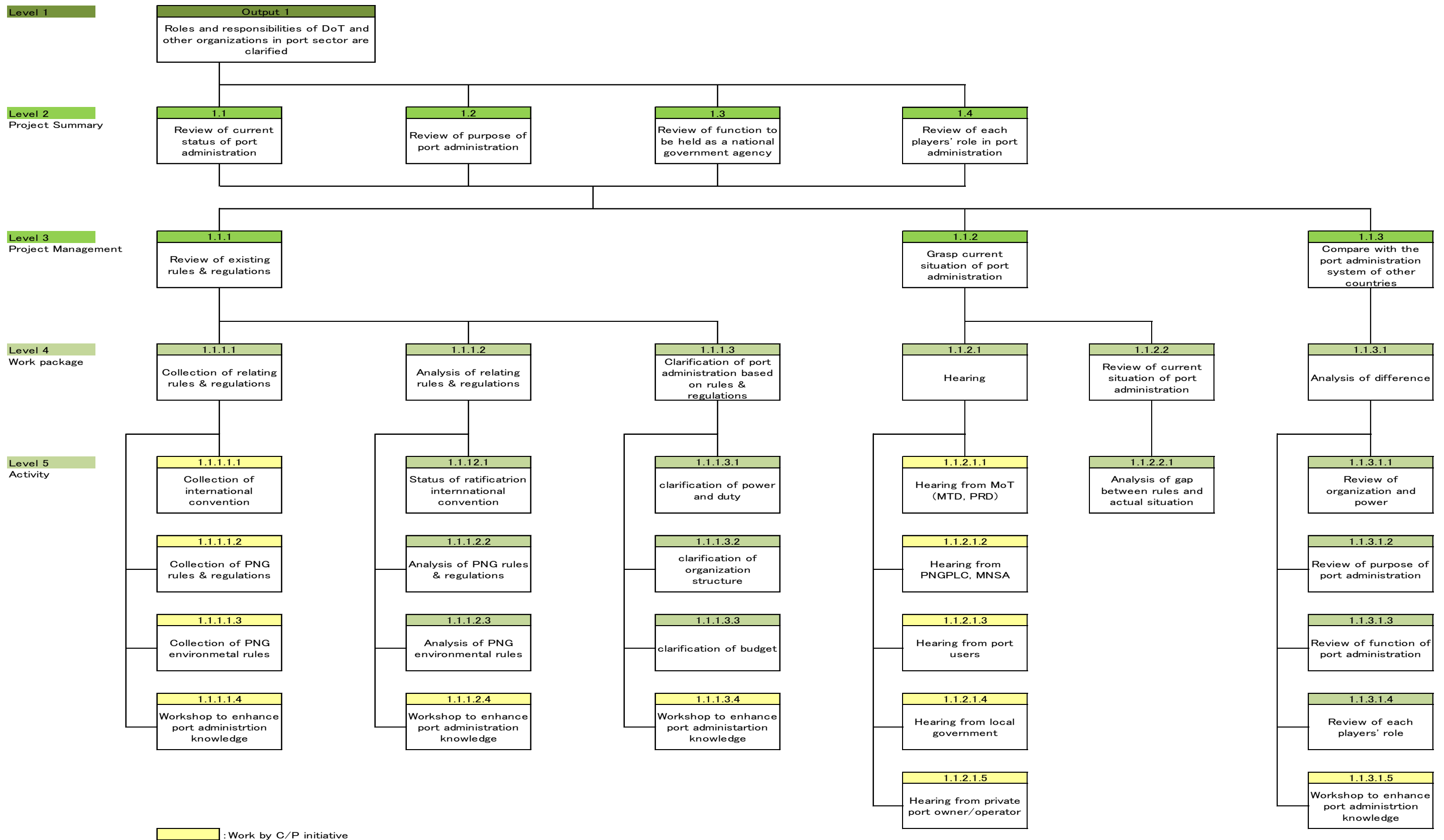
<p>2-1 Conduct lectures on port governing system.* 2-2 Conduct lectures on port inventory. 2-3 Conduct lectures on port statistics. 2-4 Conduct lectures on evaluation criteria/technical standards for port development. 2-5 Conduct the classification of declared ports.</p>	<p>- Materials necessary for administrative work for the Project d. Project counterpart budget - Payroll cost for counterparts and maintenance cost for equipment to be provided - Costs for communication and coordination, and administrative tasks related to the Project. - Expenses for business trips for port survey.</p> <p>Inputs from Japan a. Human Resources - Four Experts as the Project Chief Advisor/Port Policy, Port administration/Training, Port Governing System (I), and Port Governing System (II) /Project Coordinator b. Equipment - Vehicles, office equipment, materials for training c. Overseas training</p>	<p>provincial government, private port owner and so on.</p>	
<p>3-1 Conduct the lectures on a survey method for port and port facility. 3-2 Collect the information on port and port facility through physical survey. 3-3 Analyse and compile the data obtained in activity 3-2.</p>	<p>Pre-conditions - The priority of the project given by the DoT is maintained. - MTD obtains three additional officers for port service positions.</p>		
<p>*# A port governing system is a system to categorize ports based on certain standards for administrative purposes.</p>			
<p>2. Basic skill and knowledge to execute port administration is enhanced.</p>	<p>- Average 70% is scored for achievement tests by project members - 15 declared ports are classified for trial - Developed textbooks on port governing system, port inventory, port statistics and criteria for port development - At least 100 ports/port facilities are surveyed and compiled in the list</p>	<p>- Progress reports of the project - Port Classification List - Achievement test</p>	<p>secured. - Counterparts assigned are not transferred and/or resign.</p>
<p>3. Basic information on port facilities is collected and analysed.</p>	<p>- Progress reports of the project - Inventory List</p>	<p>- Progress reports of the project - Inventory List</p>	<p>Important Assumptions - Counterparts positively participate in the technical transfer activities. - Counterparts conduct port survey under their own initiative. - DoT makes efforts to secure the cooperation of stakeholders such as</p>
<p>Narrative Summary</p>			
<p>Activities 1-1 Clarify the current status (functions, powers and organization) of port administration 1-2 Review and analyse the current rules, law/regulations in port sector. 1-3 Conduct the gap analysis between current rules and actual situation of port administration. 1-4 Identify the roles and responsibilities taken by each organization in port sector. 1-5 Prepare the expected institutional structure of port administration.</p>	<p>Inputs from PNG a. Human Resources - Project Director, Project Manager - Counterpart Personnel b. Facilities - Meeting space for training - Office space for experts and support staff c. Equipment</p>	<p>Inputs</p>	

APPENDIX 2: Flowchart of the Project

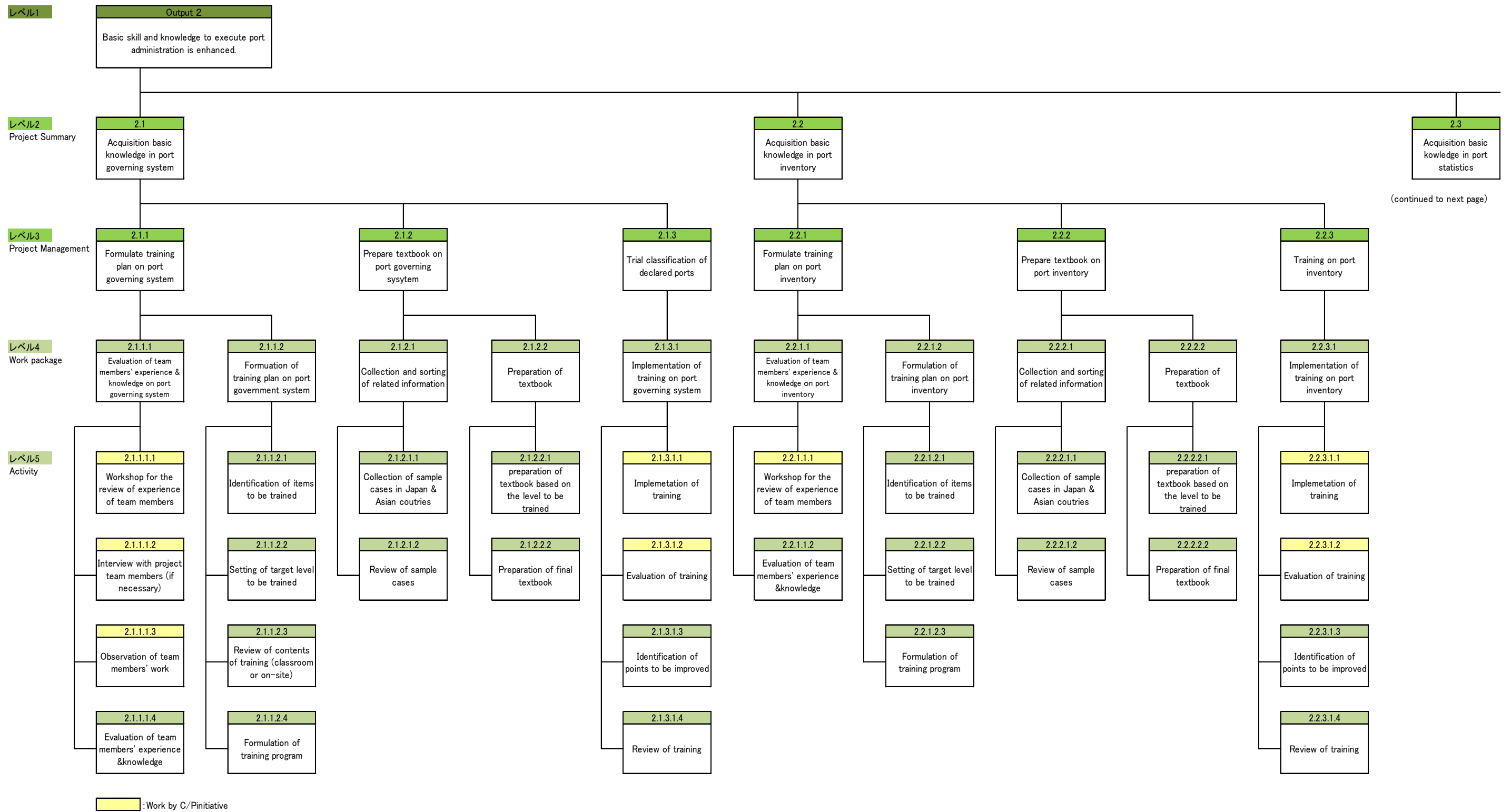


APPENDIX 3: WBS

WBS: The Project for capacity development of DoT in port policy and administration in PNG

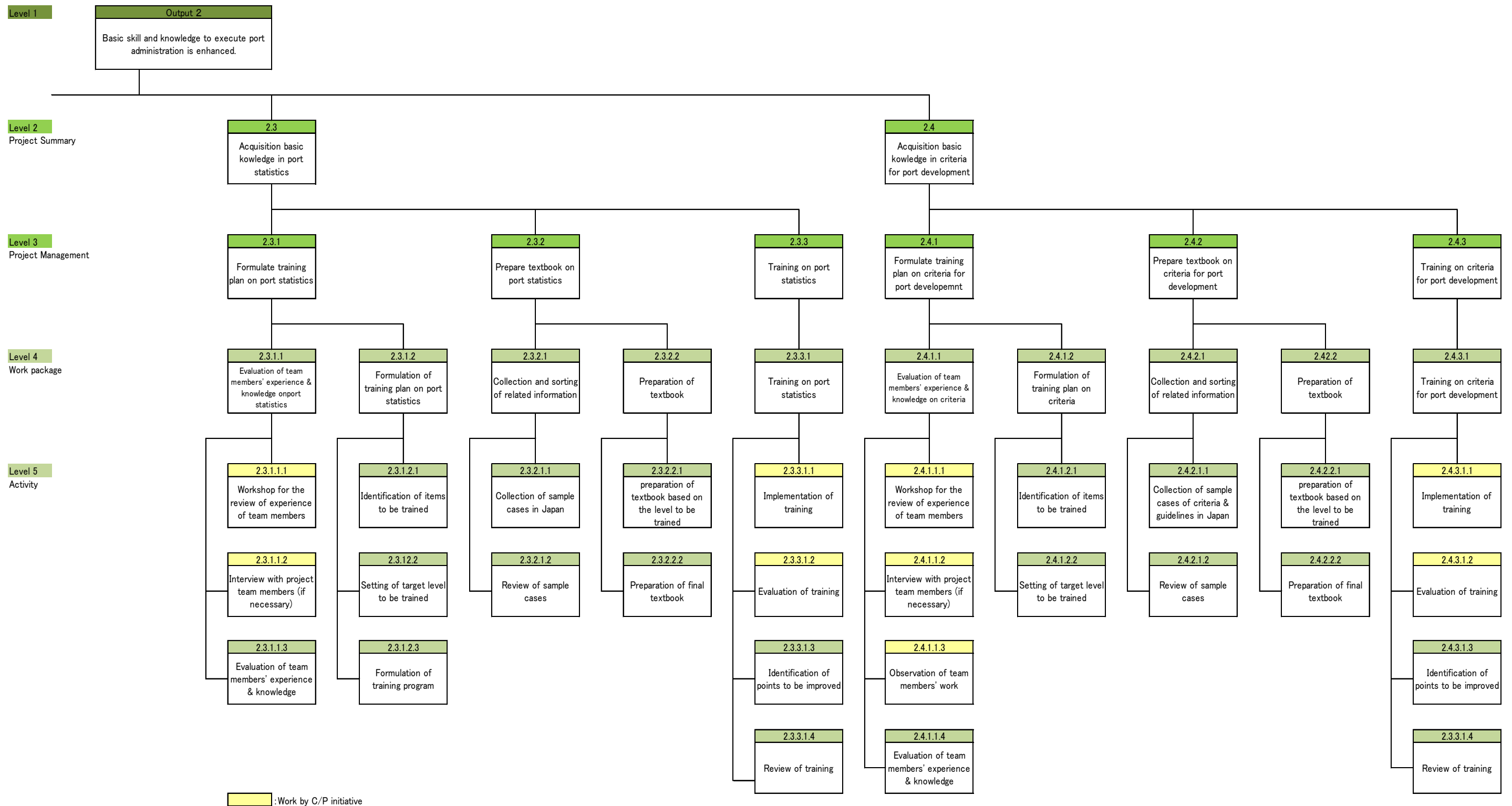


WBS: The project for capacity development of DoT in port policy and administration in PNG

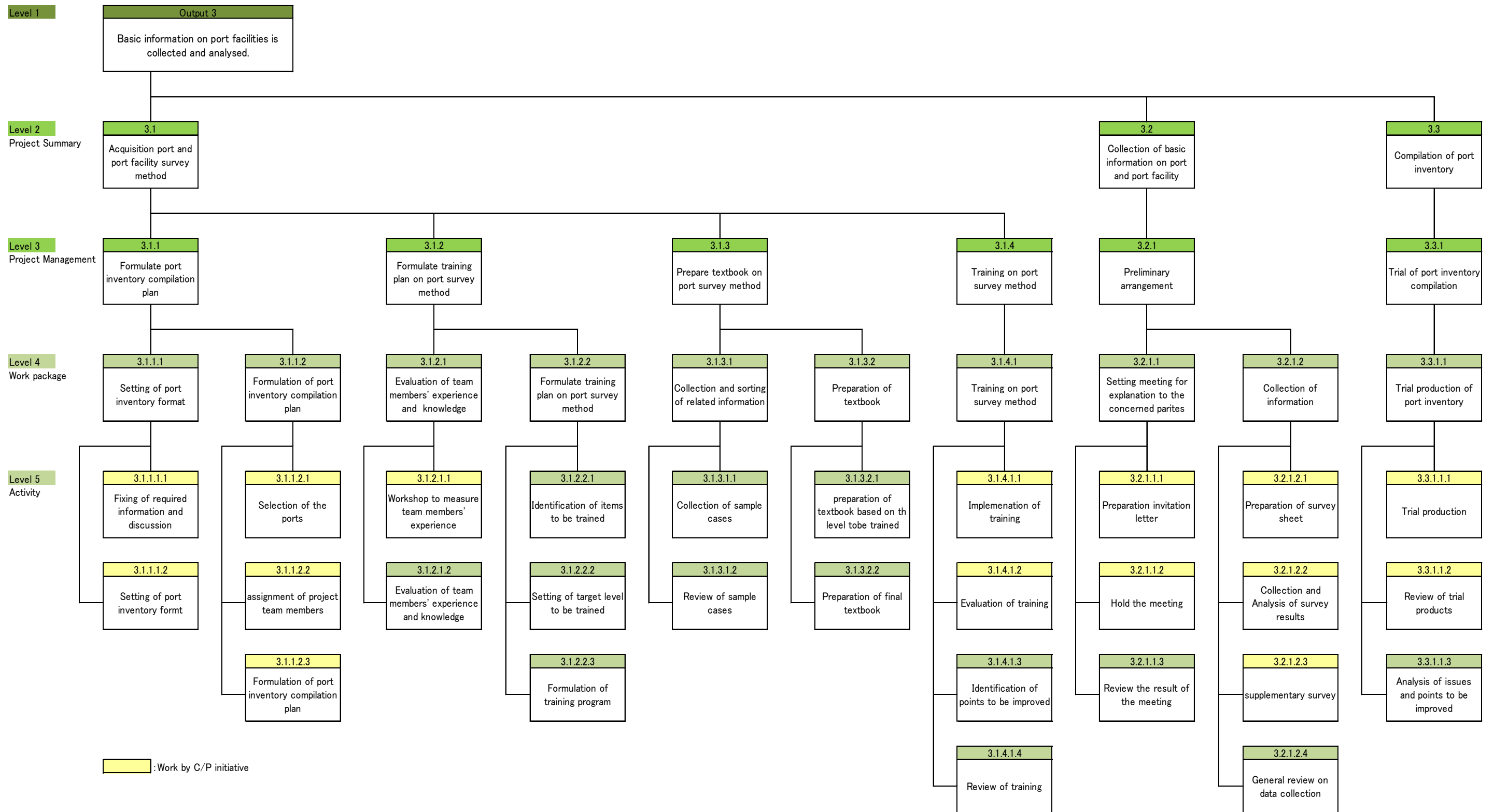


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WBS: The Project for capacity development of DoT in port policy and administration in PNG



WBS: The Project for capacity development of DoT in port policy and administration in PNG



APPENDIX 4: Work Schedule of JICA Experts

Role/Field of Expertise	Name	Organization	1st Year												2nd Year												3rd Year												3rd Year Extended Period									Third Year			Total																																		
			2014												2015												2016												2017									2017			PNG		Japan																																
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	PNG	Japan	PNG	Japan																												
PNG	Team Leader/Port Policy (1)	Michiharu NOSE	OCDI		■		■					■									■																							6.43	13.93																																								
	Co-Team Leader/Port Policy (2)	Toshio AZUMA Ryuichi KUWAJIMA Takahiro SUZUKI	OCDI						■	■											■	■																							2.20	4.37																																							
	Port Administration (1)	Akira KOYAMA	OCDI		■							■												■																				3.03	5.73																																								
	Port Administration (2)/Training	Shintaro NAKAMURA Katsuyasu MIURA Yutaka MIKAMI	OCDI		■		■					■												■																					2.43	8.73																																							
	Port Administration (3)	Eiji TOMIDA	OCDI							■														■																					0.00	0.77																																							
	Port Governing System (1)	Seiichi KAWASHIMA	OCDI		■		■					■												■																					1.70	6.80																																							
	Port Technology	Tadahiko KAWADA	OCDI																					■																					3.67	6.83																																							
	Port Governing System (2)/Coordination	Yosuke WATANO	OCDI				■					■																																		0.00	1.93																																						
																																																																											19.46	49.09									
JPN	Team Leader/Port Policy (1)	Michiharu NOSE	OCDI																																													0.60	1.10																																				
	Co-Team Leader/Port Policy (2)	Toshio AZUMA Ryuichi KUWAJIMA Takahiro SUZUKI	OCDI																																													0.25	0.45																																				
	Port Administration (1)	Akira KOYAMA	OCDI																																													0.45	0.65																																				
	Port Administration (2)/Training	Shintaro NAKAMURA Katsuyasu MIURA Yutaka MIKAMI	OCDI																																													0.60	2.15																																				
	Port Administration (3)	Eiji TOMIDA	OCDI																																													0.00	0.00																																				
	Port Governing System (1)	Seiichi KAWASHIMA	OCDI																																													0.20	0.70																																				
	Port Technology	Tadahiko KAWADA	OCDI																																													1.65	1.85																																				
	Port Governing System (2)/Coordination	Yosuke WATANO	OCDI																																													0.00	0.00																																				
																																																																														3.75	6.90						
Reporting	submission date (shown as marked Δ)																																																																																				
																																																																																19.46	3.75	49.09	6.90		
																																																																																				23.21	55.99

Legend work in PNG
 work in Japan

APPENDIX 5: Overseas Training Schedule

[SCHEDULE] Counterpart Training in Japan for the Project for Capacity Development of Transport in Port Policy and Administration

Category : Lecture (L), Field Visit (F), Practice (P)

Date	Time	C	Subject	Lecturer	organization	Venue	Remark	
Oct. 4 (Sat)	Arrival							
Oct. 5 (Sun)	Off							
Oct. 6 (Mon)	10:00 ~ 12:30		Briefing	Kuramochi	JICA	TIC Auditorium	Checkout by 9:50	
	13:15		<i>Move to Hotel / check-in</i>					
	14:15 ~ 15:15		Program Orientation	Mr. Nose Mr. Nakamura	OCDI	OCDI		
	15:15 ~ 15:45		Cortesy call on President of OCDI	Mr. Okada	OCDI	OCDI		
Oct. 7 (Tue)	10:00 ~ 11:30	L	Institutional Arrangements for Port Operation and Management	Ms. Kirishima	Ports and Harbours Bureau, MLIT	Min. of Land, Infra, Transport, and Tourism	9:15 Subway	
	13:00 ~ 14:30	L	Port Planning in Japan	Mr. Suzuki				
	14:30		<i>Move to OCDI</i>					
	15:00 ~ 16:30	L	Maritime Transportation	Mr. Nose	OCDI			OCDI
Oct. 8 (Wed)	10:00 ~ 11:30	L	Overview of Tokyo Port and Port Planning	Mr. Kagami	Ports and Harbours Bureau, Tokyo Metropolitan Gov.	Tokyo Port	9:00 taxi	
	13:30 ~ 14:30	F	Tokyo Port Museum			Tokyo Port Museum		
	15:00 ~ 16:00	F	Tokyo Port Container Terminal	Mr. Horikawa	Tokyo Port Terminal Corporation	Tokyo Port Cont. Terminal		
Oct. 9 (Thu)	10:00 ~ 11:30	L	Management of Port Facilities in Yokohama Port	Mr. Hatakeyama	Ports and Harbours Bureau, Yokohama City	Yokohama City Hall	9:00 taxi	
	14:00 ~ 16:00	F	Yokohama Port, Osanbashi Int'l Passenger Terminal	Mr. Imamura Mr. Takahashi		Yokohama Port		
Oct. 10 (Fri)	10:00 ~ 11:30	L	Shipping to PNG by Kyowa Shipping	Mr. Sugiyama	Kyowa Shipping	Kyowa Shipping	9:10 subway	
	13:00 ~ 14:30	L	National Port Strategy Plans Preparation Cases	Mr. Tomida	OCDI	OCDI		
	15:00 ~ 16:30	P	Discussion : Interim Review on Accomplishment Report	Mr. Nakamura	OCDI	OCDI		
Oct. 11 (Sat)	Off							
Oct. 12 (Sun)	<i>Tokyo ⇒ Oita (ANA3793 14:50-16:25)</i>							
Oct. 13 (Mon)	Off							
Oct. 14 (Tue)	10:00 ~ 11:30	L	Overview of Oita Port	Mr. Yamaguchi	Dept. of Civil Engineering, Oita Pref. Govt.	Oita Pref. Government	Hotel checkout 9:40 taxi	
	12:30 ~ 14:00		<i>Oita City ⇒ Nakatsu City</i>					
	14:00 ~ 14:45	L	Outline of Daihatsu Kyushu	Mr. Nakabayashi	Daihatsu Kyushu	Daihatsu Kyushu		
	14:45 ~ 15:30	L	Overview of Nakatsu Port	Mr. Terasaki	Bepu Port / Airport Dev. Office			Nakatsu Port
	15:30 ~ 16:00	F	Visit to Nakatsu Port					
	16:00		<i>Nakatsu City ⇒ Fukuoka City / Hotel check-in</i>					
Oct. 15 (Wed)	10:00 ~ 11:30	L	Port Development in Kyushu	Mr. Matono	Kyushu Reg. Dev. Bureau	Fukuoka Joint Govt. Office	9:45 taxi	
	13:00 ~	L	Overview of Port and Harbour Business in Fukuoka Prefecture	Mr. Sato	Ports and Harbours Section, Fukuoka Pref. Govt.	Fukuoka Pref. Government		
	~ 14:30	L	Current Situation and Challenges for Local Ports in Fukuoka Prefecture	Mr. Nishino				
	15:00 ~ 16:30	F	Development of Island City Town	Mr. Nakamura	OCDI	Island City Central Park		
Oct. 16 (Thu)	10:30 ~ 12:00	F	Visit to Ashiya Port	Mr. Nishino	Fukuoka Pref. Govt.	Ashiya Port	Hotel checkout 9:00	
	~		<i>Move to Fukuoka Airport / Fukuoka ⇒ Tokyo (ANA258 15:05-16:50)</i>					
	~		<i>Hotel check-in</i>					
Oct. 17 (Fri)	10:00 ~ 11:30	P	Preparation of Accomplishment Report	Mr. Nose Mr. Nakamura	OCDI	OCDI		
	13:30 ~ 15:00	P	Presentation of Accomplishment Report		OCDI	OCDI		
	15:00 ~ 16:30	P	Evaluation Meeting / Closing Program		OCDI	OCDI		
Oct. 18	Departure							

**The Third Country Training in the Philippines
The Project for Capacity Development of Department of Transport
in Port Policy and Administration in Papua New Guinea**

Date	Time	Activity	Subject	Remarks
28 June (Sun)	09:30 -13:10	Move	<OCDI>Depart Narita for Manila	JL741
	16:50 -20:10	Move	<PNG> Depart Port Moresby for Manila	PX10
	21:00 -22:00	Move	<OCDI & PNG>Transfer to Hotel	Hired Car Hotel: Summerset Millenium Macati*
29 June (Mon)	09:00-	Move	Move to DOTC Office	Hired Car
	10:00 -12:00	Lecture	National Port Administration in the Philippines (*refer to Document-1A) ➤ Presentation of the port sector in PNG ➤ Presentation of DOTC	Mr.Enrico Ferre & DOTC staffs
	PM	Discussion	Discussion on differences of national port administration & making reports	Hotel: as above
30 June (Tue)	09:00-	Move	Move to PPA Office	Hired Car
	10:00 -11:50	Lecture	Businesses of PPA (*refer to Document-1B) ➤ Presentation of the port sector in PNG ➤ Presentation of PPA	Ms.Rola Marjorie etc.
	11:50 -13:30	Lunch Discussion	Lunch Time Discussion & Break	Hired Car Venue: TBD
	13:30 -15:15	Field	Site Visit ➤ ATI (Asian Terminals Incorporated) ➤ MICT (Manila International Container Terminal)	Hired Car, Arranged by PPA Hotel: as above
1 July (Wed)	06:00 -09:00	Move	Move to SBMA office in Subic Bay Freeport Zone	Hired Car
	09:00 -11:50	Lecture	Businesses of SBMA (*refer to Document-1C) ➤ Presentation of the port sector in PNG ➤ Presentation of SBMA	Mr. Jomel Libut & Mr. Nolito Manuel etc.
	11:50 -13:30	Lunch Discussion	Lunch Time Discussion & Break	Hired Car, Venue: Sakura

	13:30 -15:15	Field	Site Visit ➤ SBITC (Subic Bay International Container Terminal) ➤ General Cargo Terminal	Hired Car, Arranged by SBMA
	15:15 -18:30	Move	Move back to Manila	Hired Car Hotel: as above
2 July (Thu)	09:00-	Move	Move to PPA Training Center	Hired Car
	10:00 -11:45	Lecture & Field	Visit to PPA Training Center	Ms.Rola Marjorie etc.
	11:45 -13:30	Lunch Discussion	Lunch Time Discussion & Break	Hired Car Venue: TBD
	13:30 -15:15	Field	Site Visit ➤ North Harbor of Manila Port	Hired Car, Arranged by PPA Hotel: as above
3 July (Fri)	07:00-	Move	Move to Port Management Office of PPA in Batangas	Hired Car
	09:00 -11:30	Lecture	Role & business of Batangas Port (*refer to Document-1E) ➤ Presentation of the port sector in PNG ➤ Presentation of PPA	PPA staffs
	11:50 -13:30	Lunch Discussion	Lunch Time Discussion & Break	Hired Car Venue: TBD
	13:30 -15:15	Field	Site Visit ➤ ATI ➤ Domestic Terminals	Hired Car, Arranged by PPA
	15:15 -17:30	Move	Move back to Manila	Hired Car Hotel: as above
4 July (Sat)	All day		Documentation / OFF	Hotel: as above
5 July (Sun)	All day		OFF	
	18:00-	Move	<PNG>Move to Airport	Hired Car
	21:25-	Move	<PNG>Depart Manila for Port Moresby	PX11
6 July (Mon)	-05:00	Move	<PNG>Arrive in Port Moresby	PX11
	14:25 -19:55	Move	<OCDI>Depart Manila for Narita	JL742

*Same accommodation through the training period

*The Project for Capacity Development of
Department of Transport in Port Policy and Administration
in the Independent State of Papua New Guinea*

**Counterpart Training in Japan
for the Project for Capacity Development of Transport in Port Policy and Administration
(Tentative Schedule)**

Category: Lecture (L), Field Visit (F), Practical training (P)

The 8th edition: As of 27th October, 2016

Date	Time	Category	Subject	Lecturer/ Organization/ Venue			Remarks
				Name	Organization	Venue	
Dec. 3 (Sat)	14:05 ~ 19:55		POM-Tokyo (Narita)				PX054
			Narita Airport - TIC check-in				(TIC)
Dec. 4 (Sun)			Sunday (Holiday)				(TIC)
Dec. 5 (Mon)	9:00 ~ 12:00		Briefing	to be nominated	JICA	TIC	-
	13:30 ~ 14:30		Program Orientation	Mr. NOSE Mr. KAWADA	OCDI		
	15:30 ~ 16:00		Courtesy call on MLIT	Mr. NISHIMURA	Director of International Ports and Harbours Bureau,	MLIT	Tokyo Metro (TIC)
Dec. 6 (Tue)	10:00 ~ 10:30		Courtesy call on President of OCDI	Mr. TOMIDA	President of OCDI	OCDI	Tokyo Metro (TIC)
	10:30 ~ 12:00		Industrial Port Development in Japan	Mr. KOYAMA	Executive Director of OCDI		
	13:00 ~ 14:30		Port Governing System of Japan (as an example in the Port of TOKYO)	Mr. MASUDA	Former Section Manager of Port Administration, Port of TOKYO		
	15:00 ~ 16:30		International Cooperation of JAPAN	to be nominated	Ports and Harbours Bureau, MLIT		
Dec. 7 (Wed)	10:00 ~ 11:30		Site Study of Port of TOKYO	to be nominated	Port of TOKYO	Port of TOKYO	One Box Car
	14:00 ~ 16:00		Outline of UTOKU Tokyo Container Terminal and Site Study	Mr. IGUCHI	UTOKU Co., Ltd, Tokyo Container Terminal Dept.	OHI Container Terminal	(TIC)
Dec. 8 (Thu)	10:00 ~ 11:30		Outline of Port of YOKOHAMA	Ms. MARUYAMA	Port of YOKOHAMA	Port of YOKOHAMA	One Box Car (TIC)
	11:30 ~ 12:00		Site Study of Port of YOKOHAMA, OSANBASHI-International Cruise Terminal	to be nominated			
	13:00 ~ 15:00		Strategy of Maintenance for Port Facilities of Port of YOKOHAMA	to be nominated			
	15:30 ~ 17:00		Container Cargo Flow among PNG and South Pacific Countries	Dr. SHIBASAKI	NILIM	YIC	
Dec. 9 (Fri)	10:00 ~ 11:30		Port Governing System and Port Policy, Port Calcification System and Role of Government	to be nominated	OCDI	OCDI	One Box Car (TIC)
	13:00 ~ 14:30		Port Plan, Port Business Plan, and Evaluation of those Plan	to be nominated			
	15:00 ~ 16:30		Methodology of Demand Forecast	Mr. TOMIDA			
Dec. 10 (Sat)	~		Holiday				(TIC)
Dec. 11 (Sun)	13:20 ~ 15:10		Tokyo (HANEDA) ⇒ NAGASAKI (JAL)				Bus & Taxi/ JL++++ (NAGASAKI)
Dec. 12 (Mon)	10:00 ~ 12:30		Development Plan and Administration System of Regional Ports Managed by NAGASAKI Prefecture	to be nominated	Ports and Fishery Ports Management Office, Development and Promotion Bureau, NAGASAKI Prefecture	NAGASAKI Prefecture	One Box Car (NAGASAKI)
	14:00 ~ 16:30		Site Study of NAGASAKI PORT	to be nominated			
Dec. 13 (Tue)	9:35 ~ 11:05		NAGASAKI ⇒ HAKATA				SHINKANSEN, SAKURA548
	13:00 ~ 14:30		Role & Function of KRDB for the Regional Port Development and Relationship between KRDB and Port Management Body	to be nominated	KYUSYU Regional Development Bureau, MLIT	KYUSYU Regional Development Bureau	One Box Car
	15:00 ~ 17:00		Management and Facility Development for Receiving a International Cruise Ship, Site Study of International Cruise Terminal	Mr. NAKAMURA	Port and Airport Bureau, FUKUOKA CITY	FUKUOKA City Hall	(HAKATA)
Dec. 14 (Wed)	8:17 ~ 9:21		HAKATA ⇒ HIROSHIMA				SHINKANSEN, MIZUHO600
	10:00 ~ 13:00		MAZDA Car Museum, Outline of NIHO-B Berth, Port of HIROSHIMA, and Site Study	Mr. TOMODA Mr. SAKAMOTO	MAZDA Corporation, Car Transport Division	MAZDA Corporation	Bus/ Taxi
	14:00 ~ 16:00		HIROSHIMA Atomic-Bomb Museum				(HIROSHIMA)
Dec. 15 (Thu)	10:03 ~ 14:03		HIROSHIMA ⇒ TOKYO				SHINKANSEN, NOZOMI156
	15:00 ~ 16:30		Group discussion for overall of the training	Mr. NOSE Mr. KAWADA	OCDI	OCDI	(TIC)
Dec. 16 (Fri)	9:00 ~ 10:30		Preparation of Accomplishment Report	JICA person in charge,	JICA, TIC OCDI	TIC	(TIC)
	13:00 ~ 14:30		Presentation of Accomplishment Report	Mr. NOSE			
	15:00 ~ 16:30		Evaluation Meeting/ Closing Program	Mr. KAWADA			
Dec. 17 (Sat)	~		Departure, TIC - NARITA Airport				
	21:05 ~		NARITA ⇒ POM				PX055
Dec. 18 (Sun)	~ 4:55		Arrival at POM				PX055

Remarks: TIC: Tokyo International Center,

APPENDIX 6: JCC Minutes

**Minutes of Meeting
for
the 1st Joint Coordinating Committee (JCC)
of
The Project for Capacity Development of Department of Transport in Port Policy
and Administration in the Independent State of Papua New Guinea**

The meeting was held on the 9th April, 2014, at the Conference room of Department of Transport with the attendance of 15 members.

Members in attendance are listed in Attachment 1.

The meeting was chaired by Mr. Kevin Luana, Deputy Secretary (Technical Service) of Department of Transport, who acted for the Project Director Mr. Roy Mumu.

At the beginning of the meeting, the chairman expressed his appreciation to JCC members and expectation to the output of the Project.

The Work Plan of the Project was presented and explained by the JICA Experts for the Project. After deliberation, the JCC members approved the Work Plan.

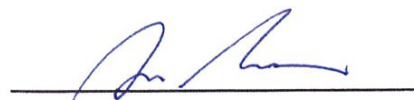
The pending issue for the implementation of the Project was reported and comments were exchanged among the members. It is confirmed that PNG side would continue their efforts for the earliest recruitment of the new staff to participate in the Project Team. It is also confirmed that PNG side would take every possible efforts for the swift realization of the Counterpart Fund for the Project.

All JCC members expressed their intention for continuous support and cooperation on the Project.

Port Moresby, 9th April, 2014



Mr. Kevin Luana
Deputy Secretary (Technical Service)
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of The 1st Joint Coordinating Committee
9th April, 2014**

(1) Chairperson

Mr. Kevin Luana (substitution)-Deputy Secretary-Technical Services

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Sent Raiya (substitution)- Acting Assistant Secretary, Policy and Research
Division, DoT

Mr. Manau Suu - Assistant Secretary, Maritime Transport Division, DoT

Mr. Mathew Wowoi -First Assistant Secretary, Maritime Security Division, DoT

Mr. David Peter -Representative from PNG Ports Corporation Ltd.

Mr. Daniel Benoma -Representative from National Maritime Safety Authority

Mr. Dan Lyanda- Representative from Foreign Aid Division, Department of National
Planning and Monitoring

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Seiichi Kawashima

Mr. Shintaro Nakamura

Mr. Yosuke Watano

Representative from JICA PNG Office

Mr. Shigeru Sugiyama

Mr. Yoshikazu Taniguchi

Mr. Naomasa Kugimoto

**Minutes of Meeting
for
the 2nd Joint Coordinating Committee (JCC)
of
The Project for Capacity Development of Department of Transport in Port Policy
and Administration in The Independent State of Papua New Guinea**

The meeting was held on the 19th November, 2014, at the Conference room of Department of Transport with the attendance of 13 members.

Members in attendance are listed in Attachment-1.

The meeting was chaired by Mr. Roy Mumu, the Project Director.

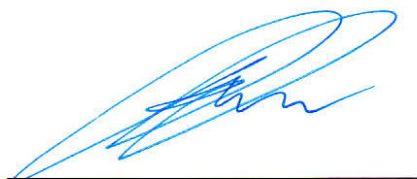
At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for the Project for their coordinated work with PNG side. He also appreciated JCC members for the support of the Project during the 1st year.

The chairman disclosed the latest news that the counterpart fund budget for the Project was approved in the 2015 National Budget.

The draft Progress Report of the Project (1st Year) was presented to the JCC members. And the major activities of the 1st year were explained by the JICA Experts and Project Team Members. After deliberation, the JCC members approved the draft Progress Report.

All JCC members expressed their intention for continuous support and cooperation on the Project.

Port Moresby, 19th November, 2014



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

Participant List of the 2nd Joint Coordinating Committee

19th November, 2014

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Robert Kaul – Rural Transport Infrastructure Development Division, DoT

Mr. Mathew Wowoni - First Assistant Secretary, Maritime Security Division, DoT

Mr. David Peter - Representative from PNG Ports Corporation Ltd.

Mr. Cyril Mudalige - Representative from National Maritime Safety Authority

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Akira Koyama

Mr. Shintaro Nakamura

Mr. Yosuke Watano

Representative from JICA PNG Office

Mr. Shigeru Sugiyama

Mr. Daisuke Horikoshi

Mr. Naomasa Kugimoto

Embassy of Japan in PNG

Mr. Shinji Matsumoto

(Observer)

**Minutes of Meeting
for
the 1st Joint Coordinating Committee (JCC) of the 2nd Year
of
The Project for Capacity Development of Department of Transport in Port Policy and
Administration in the Independent State of Papua New Guinea**

The meeting was held on the 22nd April, 2015, at the Conference room of Department of Transport with the attendance of 20 members. Members in attendance are listed in Attachment 1. The meeting was chaired by Mr. Roy Mumu, the Project Director.

At the beginning of the meeting, the chairman expressed his appreciation to JCC members' support during the 1st year and expectation to the continuous support in order to achieve the planned output of the Project.

The Work Plan for the second year of the Project was presented and explained by the JICA Experts for the Project who highlighted the local port survey as one of core activities of the second year.

Additional explanation was provided by the JICA Experts for the use of port inventory and referred to the drafting of Ports Classification of PNG under the port governing system.

Comments were exchanged among the members regarding fundamental administrative structure of nation-wide port system, and members are equally shared the view that the government needs to take initiative in regulating the national port development.

After deliberation, the JCC members approved the Work Plan.

All JCC members expressed their intention for continuous support and cooperation on the Project.

Port Moresby, 22nd April, 2015



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 1st Joint Coordinating Committee of the 2nd Year
22nd April, 2015**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Kevin Luana – Deputy Secretary (Technical Service), Department of Transport

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Gabi Haoda – First Assistant Secretary, Policy & Research Division, DoT

Mr. Philimon Maepa – Assistant Secretary, Policy & Research Division, DoT

Mr. Sent Raiya – Principal Policy Officer (Water), Policy & Research Division, DoT

Mr. Scott Arikapu - Principal Policy Officer (Land), Policy & Research Division, DoT

Mr. Robert Kaul – Rural Transport Infrastructure Development Division, DoT

Mr. David Peter - Representative from PNG Ports Corporation Ltd.

Mr. Vagi Eoima - Representative from PNG Ports Corporation Ltd.

Mr. Patrick Korowa - Representative from National Maritime Safety Authority

Mr. Casper Auntari – Representative from Department of National Planning & Monitoring

Ms. Moale Daure - Representative from Department of National Planning & Monitoring

Mr. Dan Lyanda - Representative from Department of National Planning & Monitoring

Mr. Hideo Kobayashi - Representative from Department of National Planning & Monitoring

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Tadahiko Kawada

Representative from JICA PNG Office

Mr. Shigeru Sugiyama

Mr. Daisuke Horikoshi

Ms. Maki Okusasa

**Minutes of Meeting
for
the 4th Joint Coordinating Committee (JCC)
of
The Project for Capacity Development of Department of Transport in Port Policy
and Administration in The Independent State of Papua New Guinea**

The meeting was held on the 25th November, 2015, at the Conference room of Department of Transport with the attendance of 10 members.

Members in attendance are listed in Attachment-1.


The meeting was chaired by Mr. Roy Mumu, the Project Director.

At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for the Project for their coordinated work with PNG side. He also appreciated JCC members for the support of the Project during the 2nd year.

The draft Progress Report of the Project (2nd Year) was presented to the JCC members. And the major activities of the 2nd year were explained by the JICA Experts and Project Team Members. It was reiterated that continuous supply of counterpart fund is an indispensable prerequisite for the success of the Project.

After deliberation, the JCC members acknowledged and approved the contents of the draft Progress Report.

All JCC members expressed their firm intention of continuous support and cooperation towards the final year of the Project in 2016.



Mr. Roy Mumu

Secretary

Department of Transport

Port Moresby, 25th November, 2015



Mr. Michiharu Nose

Team Leader

JICA Experts for the Project

**Participant List of the 4th Joint Coordinating Committee
25th November, 2015**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Sent Raiya – Policy and Research Division, DoT

Mr. Robert Kaul – Rural Transport Infrastructure Development Division, DoT

Mr. David Sovo Aussell - Representative from National Maritime Safety Authority

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Akira Koyama

Mr. Tadahiko Kawada

Representative from JICA PNG Office

Mr. Shigeru Sugiyama

Ms. Maki Okusa

**Minutes of Meeting
for
the 1st Joint Coordinating Committee (JCC) of the 3rd Year
of
The Project for Capacity Development of Department of Transport in Port Policy and
Administration in the Independent State of Papua New Guinea**

The meeting was held on the 20th April, 2016, at the Conference room of Department of Transport with the attendance of 11 members. Members in attendance are listed in Attachment 1.

The meeting was chaired by Mr. Roy Mumu, the Project Director.

At the beginning of the meeting, the chairman expressed his appreciation to JCC members' support during the 1st and 2nd years and his expectation of the continuous support for the 3rd year which is the last year of the Project.

The Work Plan was presented and explained by the JICA Experts for the Project who went through the salient points of the project activities of the 3rd year, including final round of port facility survey and training in Japan.

Comments were exchanged among the members regarding the needs of clear demarcation among the organizations related to maritime administration of PNG. Members are equally shared the view that the technical assistance under the Project would make valuable contribution to the capacity building of the maritime-related organization of the country.

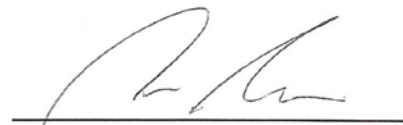
After deliberation, the JCC members approved the Work Plan.

All JCC members expressed their intention of continuous support and cooperation to bring the Project to the successful goal at the end of the year.

Port Moresby, 20th April, 2016



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 1st Joint Coordinating Committee of the 3rd Year
20th April, 2016**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Philimon Maepa – Assistant Secretary, Policy & Research Division, DoT

Mr. Sent Raiya – Principal Policy Officer (Water), Policy & Research Division, DoT

Mr. David Peter - Representative from PNG Ports Corporation Ltd.

Mr. Dan Lyanda - Representative from Department of National Planning & Monitoring

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Tadahiko Kawada

Mr. Seiichi Kawashima

Mr. Katsuyasu Miura

Representative from JICA PNG Office

Ms. Maki Okusa

**Minutes of Meeting
for
the 2nd Joint Coordinating Committee (JCC) of the 3rd Year
of
The Project for Capacity Development of Department of Transport in Port Policy and
Administration in the Independent State of Papua New Guinea**

The meeting was held on the 7th September, 2016, at the Conference room of Department of Transport with the attendance of 10 members. Members in attendance are listed in Attachment 1. The meeting was chaired by Mr. Kevin Luana, Deputy Secretary (Technical Service) of Department of Transport, who acted for the Project Director Mr. Roy Mumu.

(Opening Remark)

The chairman of the meeting, Mr. Luana, expressed his appreciation for the activities of the project and expects meaningful discussion for the future of the project by the JCC members.

(Remarks by Chief Representative of JICA PNG)

Mr. Toyama referred to the ongoing discussion regarding institutional change in the maritime sector and mentioned that JCC's decision on the disposal of the project is critical for JICA to determine their mind for the future of the project.

(Proposal by the project manager)

The project manager, Mr. Siniu, submitted following two proposals for the consideration of the JCC members regarding the project.

- a) Revision of the Project Design Matrix (PDM) as submitted for the alignment with the actual project activities and for the easy reference for the project evaluation
- b) Extension of the Project for another one year (2017) to assist DoT's efforts for their establishment of port administration structure by way of further enhancement of the capacity building activities.

(Discussion and Decision by JCC members)

Comments were exchanged among the members regarding the proposals. After due deliberation, the JCC members approved the revision of PDM and the Proposal of extension of the Project period.

(Closing Remark)

The chairman of the meeting, Mr. Luana, thanked for the sincere discussion and expressed his expectation of continuous support and cooperation by the JCC members.

Port Moresby, 7th September, 2016



Mr. Kevin Luana
Deputy Secretary (Technical Service)
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 2nd Joint Coordinating Committee of the 3rd Year
7th September, 2016**

(1) Chairperson

Mr. Kevin Luana – Deputy Secretary (Technical Service), Department of Transport

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Sent Raiya – Principal Policy Officer (Water), Policy & Research Division, DoT

Mr. Manau Suu – Assistant Secretary, Maritime Transport Division, DoT

Mr. Mathew Wowoni – First Assistant Secretary, Maritime Security Division, DoT

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Seiichi Kawashima

Representative from JICA PNG Office

Mr. Takashi Toyama

Mr. Daisuke Horikoshi

Ms. Maki Okusa

Embassy of Japan (Observer)

Mr. Shinji Matsumoto

**Minutes of Meeting
for
the 3rd Joint Coordinating Committee (JCC)
of the third year
of
The Project for Capacity Development of Department of Transport in Port Policy
and Administration in The Independent State of Papua New Guinea**

The meeting was held on the 24th November, 2016, at the Conference room of Department of Transport with the attendance of 12 members.

Members in attendance are listed in Attachment-1.

The meeting was chaired by Mr. Roy Mumu, the Project Director.

At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for the Project for their coordinated work with PNG side. He also appreciated JCC members for the support of the Project during the 3rd year.

The chief representative of JICA PNG Office emphasized the significance of the Project and conveyed his expectation for continued co-operation among the party involved in the Project.

The draft Progress Report of the Project (3rd Year) was presented to the JCC members. Progress of the major activities of the 3rd year was explained by the JICA Experts. Another presentation was made by one of the Project Team Members to show the progress of their study regarding the National Port Administration.

Discussion was made among the JCC members on the progress of the project in conjunction with on-going discussion regarding implementation of National Transport Strategy (NTS).

After deliberation, the JCC members acknowledged the work done and approved the contents of the draft Progress Report.

All JCC members expressed their firm intention of continuous support and cooperation towards 2017.

Port Moresby, 24th November, 2016



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 3rd Joint Coordinating Committee
Of the third year of the Project
24th November, 2016**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Gabi Haoda - First Assistant Secretary, Policy & Research Division, DoT

Mr. Sent Raiya – Policy and Research Division, DoT

Mr. Manau Suu – Assistant Secretary, Maritime Transport Division, DoT

Mr. Joseph Kunda – First Assistant Secretary, Rural Transport Infrastructure
Development Division, DoT

Mr. Sylvester Adema –Maritime Security Division, DoT

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Ryuichi Kuwajima

Mr. Akira Koyama

Mr. Tadahiko Kawada

Representative from JICA PNG Office

Mr. Takashi Toyama

Ms. Maki Okusa

**Minutes of Meeting
for
the 1st Joint Coordinating Committee (JCC) of the Extended Period
of
The Project for Capacity Development of Department of Transport in Port Policy and
Administration in the Independent State of Papua New Guinea**

The meeting was held on the 29th March, 2017, at the Conference room of Department of Transport with the attendance of 12 members. Members in attendance are listed in Attachment 1. The meeting was chaired by Mr. Roy Mumu, the Project Director.

The Work Plan was presented and explained by the JICA Experts for the Project who went through the salient points of the project activities of the extended period, stating the background of the decision of JICA and DoT for one year extension. It was emphasized that the Project will assist DoT's effort of establishing national port administration scheme through capacity building activities during the period.

Comments were exchanged among the members regarding the activities of the Maritime Reform Working Group which is currently undertaking the institutional reform program of maritime sector including national port administration. Members were of the opinion that the development of the maritime reform should be carefully watched due to importance of the subject and the Project could make valuable contribution to it by the capacity building activities.

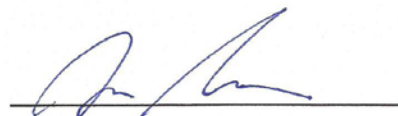
After deliberation, the JCC members approved the Work Plan.

All JCC members expressed their intention of continuous support and cooperation to bring the Project to the successful goal at the end of the period.

Port Moresby, 29th March, 2017



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 1st Joint Coordinating Committee of the Extended Period
29th March, 2017**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Kevin Luana – Deputy Secretary (Technical Service), Department of Transport

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Mathew Wowoni – First Assistant Secretary, Maritime Security Division, DoT

Mr. Manau Suu – Assistant Secretary Maritime Transport Division, DoT

Mr. Sent Raiya – Principal Policy Officer (Water), Policy & Research Division, DoT

Mr. Steven Aisi – Representative of PNG Ports Corporation Ltd.

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Ryuichi Kuwajima

Mr. Tadahiko Kawada

Representative from JICA PNG Office

Mr. Yoshihiko Chujo

Mr. Daisuke Horikoshi

Embassy of Japan (Observer)

Mr. Mitsugu Yachidate

**Minutes of Meeting
for
the 2nd Joint Coordinating Committee (JCC)
of the Extended Period
of
The Project for Capacity Development of Department of Transport in Port Policy
and Administration in The Independent State of Papua New Guinea**

The meeting was held on the 29th November, 2017, at the Conference room of Department of Transport with the attendance of 13 members. Members in attendance are listed in Attachment-1. The meeting was chaired by Mr. Roy Mumu, the Project Director.

At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for the Project for their coordinated work with PNG side. He further added his expectation of Government's support on port infrastructure development and that the transport sector will be in better position when the National Port Administration framework is put in place.

The chief representative of JICA PNG Office emphasized the significance of the Project and conveyed his appreciation for the support of the Project throughout the period.

The salient points of the Draft Project Completion Report were presented by the Team Leader to the JCC members. Achievements of the Project were explained in details. Another presentation was made by the Project Team Members to explain what they learnt from the Project.

The certificates were presented to all the Project Team Members as a proof of successful passing of the achievement test.

A report was presented by the Project Manager, Mr. Siniu, to the Chairman regarding the institutional reform of PNG port sector, clarifying the roles and responsibilities that should be taken by DoT.

Discussion was made among the JCC members on the outcome of the project and future shape of port administration scheme in PNG.

After deliberation, the JCC members acknowledged the achievement of the Project and approved the contents of the draft Project Completion Report.

In closing the last JCC of the Project, all the members equally expressed their appreciation on the work done by the Project through the years.

Port Moresby, 29th November, 2017



Mr. Roy Mumu
Secretary
Department of Transport



Mr. Michiharu Nose
Team Leader
JICA Experts for the Project

**Participant List of the 2nd Joint Coordinating Committee of the Extended Period
29th November, 2017**

(1) Chairperson

Mr. Roy Mumu – Secretary, Department of Transport

(2) Members

1) PNG Side

Mr. Kevin Luana – Deputy Secretary (Technical Service), Department of Transport

Mr. Charles Siniu - First Assistant Secretary, Maritime Transport Division, DoT

Mr. Gabi Haoda – First Assistant Secretary, Policy & Research Division, DoT

Mr. Manau Suu – Assistant Secretary Maritime Transport Division, DoT

Mr. Whilliam Manoi – Acting First Assistant Secretary, Rural Transport Infrastructure
Development Division, DoT

Ms. Judith Raka - Representative from PNG Ports Corporation Ltd.

Mr. Dan Lyanda – Representative from Department of National Planning & Monitoring

2) Japanese Side

JICA experts for the Project

Mr. Michiharu Nose

Mr. Akira Koyama

Mr. Tadahiko Kawada

Representative from JICA PNG Office

Mr. Takashi Toyama

Mr. Ryosuke Watanabe

APPENDIX 7: News Letter

News Letter

No.1

7/May/2014

The 1st Joint Coordinating Committee (JCC) was held on the 9th April, 2014, at the Conference room of Department of Transport with the attendance of 15 members.

The meeting was chaired by Mr. Kevin Luana, Deputy Secretary (Technical Service) of Department of Transport, who acted for the Project Director Mr. Roy Mumu.

At the beginning of the meeting, the chairman expressed his appreciation to JCC members and expectation to the output of the Project.

The Work Plan of the Project was presented and explained by Mr. Nose, JICA Experts

Team Leader. After deliberation, the JCC members approved the Work Plan.

All JCC members expressed their intention for continuous support and cooperation on the Project.



Workshop (WS) was held as follows:

Date	WS No.	Tutor	Subject
6-Mar	1 st WS	Koyama	Port Administration(1)
16-April	2 nd WS	Nose	Port Administration(2)
23-April	3 rd WS	Nakamura	Port Governing System(1)
30-April	4 th WS	Kawashima	Port Inventory(1)
7-May	5 th WS	Nakamura	Port Statistics(1)

Each WS was presented and explained for about 1hour and the project team members were asked the question and comments to tutor.

We hope that Our WS made all project team members master the basic knowledge of Port Management.

Our next stay is from 12/July to 23/August. During our stay, Seminar on National Port Administration will be held on 20/August and we do Field Work in Port Moresby.



News Letter

No.2

21/Aug/2014

The SEMINAR on NATIONAL PORT ADMINISTRATION was held on the 20th August, 2014, at the Kumul Room in Holiday INN Port Moresby with the attendance of approximate 40 participants including some media for the purpose of informing port-related stakeholders in the country of current situations in the world and PNG and sharing issues surrounding the PNG port sector.

At the beginning of the seminar, Mr. Luana, the Acting Secretary of Transport, gave the opening remark with expectation for this project, and the outline of the project was presented by Mr. Michiharu Nose, JICA experts Team Leader. Then, Mr. Eiji Tomida provided the keynote lecture on Port Administration in Japan and other nations.

After that, two presentations were made by persons concerned in PNG. One was Mr. Ginyaru of PNGPCL. He provided us the current roles and issues of the corporation. The other was Mr. Siniu, the project manager, FAS of Maritime Transport Division, DOT (MTD). He provided roles of MTD and current issues and challenges for the future. Participants had great interests in these presentations, and Q&A sessions were vibrant with discussions.



Workshop (WS) and Field Work (FW) were held as follows:

Date	WS/FW	Tutor	Subject
16-July	6 th WS	Nakamura	Port Governing System(2)
30-July	7 th WS	Nakamura	Port Statistics(2)
06-August	1 st FW	Nose	Port Moresby(PNGPCL)
13-August	8 th WS	Nose	Port Administration(3)



We welcomed new members of the project team who have high motivations for learning. Each WS has progressed on several occasions, and the project team members have obtained the basic knowledge on port administration and other policy tools in stages. We also conducted field work to inspect port facilities for the first time at PNGPCL in Port Moresby. This site inspection aims to compiling port inventory, and will be done in maritime provinces around the country after this.

Newsletter

No.3

17/Oct/2014

FOLLOW-UP and CATCH-UP workshops were held in addition to the originally scheduled Work Shop (WS) and Field Work (FW). Follow-up workshop (FWS) aims at efficient and practical management of the new port inventory system in PNG. Team members reviewed the data collected through field work and take necessary measures to increase the accuracy of the inventory, i.e. additional collection and clarification of data.



Catch-up workshop (CWS) was conducted

mainly for new members of the project team who joined the team last July.

The 1st CWS gave an overview of port such as (i) various aspects of DoT officials relating to port activities, (ii) public/private activities and transaction in port area, and (iii) role of public organizations.

In the 2nd CWS, an overview of vessels such as dimension, tonnage and type was given.

For the 3rd CWS, “project evaluation” was selected as the subject. A method to analyze a project including the terms used for financial evaluation such as “discount rate”, “present value”, “net present value” and “FIRR”, etc. was introduced to the team.

Participants were assigned homework in order to acquire a deeper understanding on project evaluation.

Workshop (WS) and Field Work (FW) were held as follows:

Date	WS/FW	Tutor	Subject
17-September	2 nd FW	Kawashima	Steamships Shipping/Bismark Shipping
18-September	2 nd FWS	Kawashima	Follow-up Workshop on 2 nd FW
23-September	1 st CWS	Azuma	Comprehensive Understanding on Port
24-September	3 rd FW	Kawashima	Avenell Engineering Systems (AES)
25-September	3 rd FWS	Kawashima	Follow-up Workshop on 3 rd FW
26-September	2 nd CWS	Azuma	Comprehensive Understanding on Vessels
01-October	9 th WS	Azuma	Port Governing System (4), Port Inventory (2), (3)
02-October	3 rd CWS	Azuma	Basic Understanding on Project Evaluation
08-October	4 th FW	Kawashima	Motukea International Port
09-October	4 th FWS	Kawashima	Follow-up Workshop on 4 th FW

News Letter

No.4

20/Nov/2014

The counterpart training in Japan was held from 4th to 18th October, 2014. Various lectures regarding port management and other issues were given to the 4 trainees.

The observation tour of Tokyo Port and Yokohama Port were programed. The trainees also made a trip to Oita and Hakata, located in Kyushu Island, to study the actual management of



medium and small size port facilities in Japan.

In the end of the training, accomplishment report was presented by the trainees. Trainees have identified the issues of PNG and expressed the awareness of importance of acquiring basic knowledge regarding port administration in the accomplishment report.



The 2nd Joint Coordinating Committee (JCC) was held on the 19th November, 2014, at the Conference room of Department of Transport with the attendance of 13 members. The meeting was chaired by Mr. Roy Mumu, the Project Director. At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for the Project for their coordinated work with PNG side. He also appreciated JCC members for the support of the Project during the 1st year. The draft Progress Report of the Project (1st year) was presented to the JCC members. And the major activities of the 1st year were explained

by the JICA Experts and Project Team members. After deliberation, the JCC members approved the draft Progress Report.

All JCC members expressed their intention for continuous support and cooperation on the Project.



Workshop (WS) and Field work (FS) has progressed on several occasions, and the project team members have obtained the basic knowledge on port administration and other policy tools in stages.

Newsletter

No.5

12/Jun/2015

The Second Year of the Project was launched at the 3rd Joint Coordinating Committee (JCC) held on 22nd April. Major activities of the 2nd year were explained by the JICA Experts at the JCC, and the Work Plan was deliberated upon and approved by the JCC members. Field work to collect information on port facilities will be extended to several provinces such as Morobe and East Sepik, while Workshops will be continually conducted. Utilizing the experience and know-how acquired during surveys conducted with the JICA Team,



the project team will attempt to conduct port surveys by themselves in some provinces.

The third country training in the Philippines is also planned from June 28th to July 5th. The participants are expected to learn about port administration, management and operation in the Philippines, which is an archipelago country similar to PNG and has achieved economic growth which PNG aims to emulate by 2030 in the Development Strategic Plan.



The SEMINAR on NATIONAL PORT ADMINISTRATION was held on the 22nd May, 2015, at the Gateway Hotel. Mr. Mumu of the Project Director, the Secretary of Transport, told the more than 30 participants of his expectations for this project and the importance of developing administrative capacity in his opening remarks. Three speakers made presentations related to “Port Development”, the theme of the seminar. Mr. Meapa, the Assistant Secretary of Policy and Research Division of DoT, discussed transport policy related to the maritime sector in PNG

which is described in the National Transport Strategy (NTS), and Mr. Kawada, a JICA expert, discussed technical standards which are vital for building quality infrastructure. Mr. Koyama, a JICA expert, delivered the keynote lecture on “National Development Policy and Ports” by introducing Japan’s experience. During the seminar, many lively discussions were held. For instance, the officials of other aid agencies remarked on issues which should be addressed in PNG, while the current problems in the PNG port sector were discussed by local stakeholders.

News Letter

No.6

25/May/2016

The First Joint Coordinating Committee (JCC) of the Third Year of the Project was held on 20th April, 2016 at the Conference room of the Department of Transport. The meeting was chaired by Mr. Roy Mumu, Project Director, Secretary, Department of Transport.

At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for their coordinated work with the PNG side in the Project for last two years. He also expected that the knowledge and skill acquired in the three years training would be utilized in the next phase.

After the major activities of the 3rd year project were explained by the JICA Experts, the participants engaged in a lively discussion on port administration in PNG. In addition, the original Work Plan was approved by the JCC members.



Field Work to collect information on port facilities has been extended to Kimbe and Rabaul in West and East New Britain Province. The data and information acquired from the

survey are compiled in a database of DoT as a Port Inventory which will be utilized for various purposes. The survey on 100 port facilities has been completed.



The Workshop of Port Governing System was held on 11th May, 2016. Contents and issues of the last two years were reviewed and the procedure of setting and analyzing data with a general index for port classification among declared ports in PNG was presented as a trial case. After presentations, a lively discussion was held on the port governing system in PNG. Seven project members participated in the workshop.



News Letter

No. 7

16/September/2016

The 3rd Seminar on National Port Administration was held on the 27th July, 2016, at the Holiday Inn Hotel. Around thirty participants from DOT, DNPM, PNGPCL, NMSA, private port operators and so on attended the seminar.

His Excellency Mr. Morio Matsumoto, the Ambassador of the Japanese Embassy in PNG, made an address, in which he mentioned that Japan had been contributing to PNG's development through the assistance efforts of JICA.



Mr. Roy Mumu, the secretary of DOT and the project director, and Mr. Takashi Toyama, chief representative of the JICA office in PNG made opening remarks, in which they stressed the importance of the maritime sector and capacity development in port sector.

This seminar was conducted slightly different from the previous two seminars. As this would be the last seminar in the project, the Team had the counterparts play a greater role.

In the first part of the seminar, three members of the project team made presentations to explain the outcomes of the project. Topics of their presentations were "Port Inventory", "Port Classification", "Lesson Learnt from Overseas Training". Through the presentations, everybody recognized actual outcomes of the project.



In the second part of the seminar, a panel discussion on port policy was conducted.

Main theme of the discussion was an institutional framework for executing national port administration related to the National Transport Strategy (NTS) which had become a hot issue among agencies concerned. Four panelists were selected from MTD and PRD of DOT, PNGPCL and the Team and the Team leader of the project acted as a moderator. Before starting the discussion, Mr. Sent Raiya of PRD made an initial presentation on DOT's basic stance on NTS. Every panelist pointed out the importance of the maritime sector and ports in PNG and stressed the need to clarify the roles of MTD in order to execute national port administration. Lively discussions between panelists and the floor were conducted.

This seminar seemed to be a trigger for staff of MTD and PRD of DOT to reconsider the future institutional framework for executing national port administration. In this sense, this seminar was very fruitful and meaningful.



News Letter

No.8
19/Sep/2016

The 2nd Joint Coordinating Committee (JCC) of the Third Year of the Project was held on 7th September, 2016 at the Conference room of the Department of Transport with the attendance of 10 members.

As the project comes nearer to the end in the end of the third year (2016), the Committee was called upon on ad hoc basis to discuss the future of the project.



The proposals were made for the revision of the Project Design Matrix (PDM) and for the extension of the project for one year (2017).

Comments were exchanged among the members regarding the proposals. After the deliberation, JCC members agreed to approve the revision of PDM and the proposal of extension of the project period.



The Local Port Survey is one of the major activities of the project. Physical data of port infrastructure have been collected in order to establish the National Port Inventory which forms fundamental part of port policy measures and tools. The project carried out extensive survey at various ports and port facilities located in the 15 maritime provinces of the country.

This time, the survey team composed of 3 project team members and 2 Japanese experts made a trip to Lihir Island in New Ireland Province on 13th/15th September, 2016.

Gold mining is a dominant industry in the island and thorough survey of the port facilities were carried out with the cooperation of Newcrest Mining Company, the operator of the gold mine. In addition to the mine port facilities, the team visited local jetties utilized by local residents and several other locations.



Newsletter

No.9
15/Sep/2017

The 1st Joint Coordinating Committee (JCC) of the Extended Period of the Project was held on 29th March, 2017 at the Conference room of the Department of Transport with the attendance of 12 members.

Comments were exchanged among the members regarding the activities of the Maritime Reform Working Group which is currently undertaking the institutional reform program of the maritime sector including national port administration. Members were of the opinion that developments related to maritime reform should be carefully monitored due to the importance of this subject and that the Project could make valuable contribution to it by the capacity building activities. After deliberation, the JCC members approved the Work Plan.



The schedule and subjects of Workshops (WS) are shown in the table below.

Date	WS No.	Lecturer	Subject
5-Apr	33 rd WS	Mr. Kuwajima	National Port Administration (18)
7-Apr	34 th WS	Mr. Kawada	Criteria for Port Development (8)
10-Apr	35 th WS	Mr. Kuwajima	National Port Administration (19)
12-Apr	36 th WS	Mr. Kawada	Criteria for Port Development (8)
29-Jun	37 th WS	Mr. Koyama	National Port Administration (20)
5-Jul	38 th WS	Mr. Mikami	Port Statistics (5)
7-Jul	39 th WS	Mr. Koyama	National Port Administration (21)
12-Jul	40 th WS	Mr. Mikami	Port Statistics (6)



Our next stay is from September 24th to October 14th. During the Team's stay, 4 Workshops will be held, additional Field Work in Rabaul will also be conducted. In addition, the survey team (comprised of the project team leader, 4 project team members and 3 Japanese experts) will visit Rabaul in East New Britain Province from October 2nd-5th to survey new facilities as well as others surveyed previously. After the port survey, three young project team members will complete the National Port Inventory.

Newsletter

No.10

10/Oct/2017

The schedule and subjects of Workshops (WS) are shown in the table below.

Date	WS No.	Lecturer	Subject
27-Sep	41 st WS	Mr. Mikami	Port Statistics (7)
29-Sep	42 nd WS	Mr. Suzuki	National Port Administration (22)

Presentations during each WS lasted about 1 hour. Mr. Mikami introduced the instructions for the data collection on ports and harbors. Mr. Suzuki explained the port Business Continuity Plans (BCP) using some short movies. After those presentations, lively discussions were held among participants on the above subjects.



Additional Field Work was conducted during the first week of October. The survey team (comprised of the project team leader, 4 project team members, local DoT member and 3 Japanese experts) visited Rabaul in East New Britain Province. We conducted a port survey of 11 facilities including a new facility. We were able to grasp the current situation as well as the survey results.



News Letter

No.11

31/January/2018

After four years of activities, the JICA project has been completed. Project team members were able to acquire knowledge on port policies and administration, as well as grasp the current status of the port facilities in the country through surveys of ports and harbor facilities in Maritime Provinces and creating a port inventory. Project team members are expected to utilize the knowledge and skill acquired in the project in port administration of the country. In the last work at Port Moresby, four workshops and the last JCC meeting were held.

Workshop took place in the second and third week of November. The contents of WS are shown in the table below.

Date	No.	Lecturer	Subject
15-Nov.	45thWS	Mr. Koyama	Development Policy and Nation-wide Transport Network in Japan
17-Nov.	46thWS	Mr. Kawada	Construction Management Guideline
22-Nov.	47thWS	Mr. Koyama	Summarization of the National Port Administration
24-Nov.	48thWS	Mr. Kawada	Review of Criteria of Port Development Carried Out on the Past Workshop



The 2nd Joint Coordinating Committee (JCC) of the Extended Period of the Project was held on 29th November, 2017 at the Conference room of the Department of Transport. The meeting was chaired by Mr. Roy Mumu, Project Director, Secretary, Department of Transport.

At the beginning of the meeting, the chairman expressed his appreciation to JICA and JICA Experts for their coordinated work with the PNG side over the entire project period.

Team leader of JICA experts explained noteworthy points of the Draft Project Completion Report and achievements of the project. Discussion was made among the JCC members on the outcome of the project and future shape of port administration scheme in PNG. After deliberation, the JCC members acknowledged the achievement of the project and approved the contents of the draft Project Completion Report.



With kind regards
OCDI

APPENDIX 8: Surveyed Port / Port Facilities List

Port Facilities Visited (as of October 25, 2017)

serial number	number in each port	visited date	name of port facility	remark	
1	POM	1	Aug 6, 2014	PNGPCL Port Moresby	Joint Survey (JE + PNG)
2		2	Sep 17, 2014	Steamships Shipping Wharf, POM	
3		3	Sep 17, 2014	Bismark Shipping Wharf, POM	
4		4	Sep 24, 2014	Avenell Engineering Systems, POM	
5		5	Oct 8, 2014	Motukea International Port, POM	
6	Madang	1	Nov 3, 2014	PNGPCL Madang	Joint Survey (JE + PNG)
7		2	Nov 3, 2014	Lutheran Shipping Wharf, Madang	
8		3	Nov 3, 2014	Sigma Wharf, Madang	
9		4	Nov 4, 2014	RD Fishery, Vidar Port	
10		5	Nov 5, 2014	Ramu Nickel Company, Basamuk Port	
11		6	Nov 6, 2014	Monpi Cocoa Export, Madang (Kulili)	
12		7	Nov 6, 2014	Sumukar District Wharf, Madang	
13		8	Nov 6, 2014	Simoi Wharf, Madang	
14		9	Nov 6, 2014	Cassell Agency Wharf, Madang	
15		10	Nov 6, 2014	Steamships Wharf (ex Bismark), Madang	
16		11	Nov 6, 2014	Binnan Wharf, Madang (Biabi)	
17		12	Nov 6, 2014	Rooke's Marine Jetty, Madang	
18		13	May 16, 2017	MTS Marina	PNG PT Survey
19		14	May 17, 2017	Madang Club Marina	
20		15	May 17, 2017	Jia Hao Wharf (ex Jant Wharf)	
21		16	May 18, 2017	Kubugam Wharf	
22	Kavieng	1	May 13, 2015	PNGPCL Kavieng, New Ireland Province	Joint Survey (JE + PNG)
23		2	May 13, 2015	NFA Jetty (owned by NIP Government)	
24		3	May 13, 2015	Hearly (Hilly) Wharf (owned by NIP Government)	
25		4	May 13, 2015	Kavieng Provincial Government Wharf (ADB Funding)	
26		5	May 14, 2015	NFC Jetty (owned by NFA)	
27		6	May 14, 2015	Lakuramau Jetty (owned by)	

28		7	May 14, 2015	Konos Jetty (not exist)	
29		8	May 15, 2015	Taskul Wharf Jetty	
30		9	May 15, 2015	Enelava Jetty	
31	Lae	1	June 1, 2015	PNGPCL Lae, Main Port, Morobe Province	Joint Survey (JE + PNG)
32		2	June 1, 2015	PNGPCL Lae, Tidal Basin	
33		3	June 2, 2015	PNG Taiheiyō Wharf	
34		4	June 2, 2015	Bismark Maritime Wharf	
35		5	June 2, 2015	South Sea Lines (Lae Builders Wharf)	
36		6	June 3, 2015	Freabelle Fishing Wharf	
37		7	June 3, 2015	Asiawe Wharf (ENB Port Services, ex Lutheran)	
38		8	June 3, 2015	Manasu Wharf (Nasfund, ex Lutheran)	
39		9	June 3, 2015	Lae Yacht Club	
40	Lorengau	1	June 16, 2015	PNGPCL Lorengau, Manus Province	PNG PT Survey
41		2	June 15, 2015	Naruse Wharf (Manus Provincial Government)	
42		3	June 15, 2015	Momote Wharf (Manus Provincial Government)	
43		4	June 16, 2015	Loda Wharf, Lombum (PNGDF)	
44		5	June 16, 2015	NFA Jetty, Lombum (PNGDF)	
45	Vanimo	1	June 15, 2015	PNGPCL Vanimo, West Sepik Province	PNG PT Survey
46		2	June 15, 2015	Vanimo Forest Products Wharf	
47		3	June 16, 2015	Daunda Log Pond	
48		4	June 16, 2015	Bewani Forest Products Jetty	
49		5	June 17, 2015	D.D. Investment Ltd Log Pond	
50		6	June 17, 2015	Border Interntional Ltd Log Pond	
51	Oro Bay	1	July 30, 2015	PNGPCL Oro Bay, Oro (Northern) Province	Joint Survey (JE + PNG)
52	Namatanai	1	Aug 10, 2015	Namatanai Wharf, New Irealnd Province	Joint Survey (JE + PNG)
53		2	Aug 10, 2015	Labur Wharf	
54		3	Aug 11, 2015	Huris Wharf	
55		4	Aug 11, 2015	Kalili Wharf (Central New Ireland LLG)	
56	Buka	1	Sep 2&4, 2015	PNGPCL Buka, Bougainville	PNG PT Survey
57	Alotau	1	Sep 22, 2015	PNGPCL Alotau, Milne Bay Province	Joint Survey (JE + PNG)
58		2	Sep 22, 2015	Masurina Timbers Jetty (not in use)	

59		3	Sep 23, 2015	Nako Marine Centre Jetty	
60		4	Sep 23, 2015	Cheong Jetty	
61		5	Sep 23, 2015	NFA Jetty (not exist)	
62		6	Sep 23, 2017	East Cape Jetty (not exist)	
63		7	Sep 24, 2015	Alotau Provincial Government Wharf	
64		8	Sep 24, 2015	Alotau International Hotel Jetty	
65		9	Sep 24, 2015	Alotau Market Jetty	
66		10	Sep 24, 2015	Alotau Enterprise Jetty	
67	Wewak	1	Oct 6, 2015	PNGPCL Wewak, East Sepik Province	Joint Survey (JE + PNG)
68		2	Oct 6, 2015	Turubu Log Port	
69		3	Oct 6, 2015	NFA Jetty	
70	Aitape	1	Oct 7, 2015	PNGPCL Aitape, West Sepik Province	Joint Survey (JE + PNG)
71	Western Province	1	Oct 27, 2015	Kiunga Port, Western Province	PNG PT Survey
72		2	Oct 27, 2015	OTML Wharf (Ok Tedi), Kiung	
73		3	Oct 29, 2015	PNGPCL Daru	
74	Kiriwina	1	Nov 11, 2015	Losuia Jetty, Milne Bay Province	Joint Survey (JE + PNG)
75		2	Nov 11, 2015	Kaibola Jetty	
76	Alotau	3	Nov 13, 2015	Nawae Construction Jetty, Milne Bay Province	
77		4	Nov 13, 2015	Driftwood Resort Jetty	
78	Misima	5	Nov 15, 2015	Misima Jetty, Milne Bay Province	
79		6	Nov 15, 2015	Daibobo Jetty (not in use)	
80		7	Nov 15, 2015	Misima Gold Mine Port	
81	Rabaul	1	Apr 27, 2016	PNGPCL Rabaul, East New Britain Province	Joint Survey (JE + PNG)
82		2	Apr 27, 2016	Coastal Wharf	
83		3	Apr 27, 2016	Tobo Wharf (not in use)	
84		4	Apr 27, 2016	Rabaul Yacht Club Jetty	
85		5	Apr 28, 2016	Takubar Wharf, Kokopo (Agmark Shipping)	
86		6	Apr 28, 2016	Raburua Wharf (R&A Marine Services)	
87		7	Apr 28, 2016	Provincial Government Wharf	
88		8	Apr 28, 2016	Kute Wharf	
89		9	Apr 28, 2016	Puma Oil Wharf	

90		10	Apr 29, 2016	Rabaul Shipping Wharf	
91		11	Apr 29, 2016	Island Shipping Wharf	
92		12	Apr 29, 2016	Kulau Lodge Wharf (not in use)	
93		13	Apr 29, 2016	Tokunar Wharf	
94		14	Apr 29, 2016	CPL Wharf	
95		15	Apr 29, 2016	Vunapope Jetty, Kokopo (not in use)	
96		16	Apr 29, 2016	Kurakakaul Fyel Bunker Dolphin/Pier (not in use)	
97		17	Oct 5, 2017	Kabakaul Jetty (not in use)	
98	Kimbe	1	May 4, 2016	PNGPCL Kimbe, West New Britain Province	Joint Survey (JE + PNG)
99		2	May 4, 2016	WNBP Government Jetty	
100		3	May 4, 2016	Malama Jetty	
101		4	May 4, 2016	KBSA Jetty	
102		5	May 5, 2016	Liamo Reef Resort Jetty	
103		6	May 5, 2016	Buluma Wharf (Stetin Bay Lunber)	
104		7	May 5, 2016	Walindi Resort Jetty	
105		8	May 6, 2016	Ulamona Jetty	
106		9	May 6, 2016	Bialla Port (Hargy Oil Palm)	
107	Lihir Island	1	Sep 13, 2016	Londolovit Jetty, New Ireland Province	Joint Survey (JE + PNG)
108		2	Sep 13, 2016	Newcrest Mine Wharf	
109		3	Sep 13, 2016	Palie Catholic Mission Wharf	
110	Central Province	1	Oct 24, 2016	Kupiano Wharf, Central Province	PNG PT Survey
111		2	Oct 25, 2016	Hood Lagoon Jetty	
112		3	Oct 26, 2016	Gabagaba Jetty	
113		4	Oct 27, 2016	Tahira Jetty	
114		5	Oct 27, 2016	Loloata Jetties	
115		6	Oct 28, 2016	Sunset Village Resort Jetty	

Total 115 - 7 (not in use) - 3 (not exist) = Total 105

Location	CN	Name of Port	IN/OUT	RN	Number of Facility							Drawing	photos
					(1) Mooring Facilities	(2) Port Transport Fac.	(3) Cargo Handling Fac.	(4) Passenger Fac.	(5) Storage Fac.	(6) Port Service	(7) Port Mgmt.		
				115	194	28	38	11	61	19	36	115	117
13	MANP	Manus Province		5	4	0	0	0	0	0	0	4	1
		Lorengau											
		36 PNGPCL Lorengau Port	IN	1	1	0	0	0	0	0	0	1	1
		37 Naruse Wharf	IN	2									
		38 Momote Wharf	OUT	3	1	0	0	0	0	0	0	1	1
		39 Loda Wharf	OUT	4	1	0	0	0	0	0	0	1	1
		40 NFA Jetties	OUT	5	1	0	0	0	0	0	0	1	1
14	NIP	New Ireland Province		16	25	5	7	0	2	3	5	16	1
		Kavieng											
		18 PNGPCL Kavieng	IN	1	2	2	5	0	0	3	4	1	1
		19 NFA Jetty +Bunker Jetty	IN	2	4	0	0	0	0	0	0	1	1
		20 Hilly Wharf	IN	3	1	0	0	0	0	0	0	1	1
		21 Kavieng Provincial Government wharf	IN	4	1	0	0	0	0	0	0	1	1
		22 NFC Wharf	IN	5	1	0	0	0	0	0	0	1	1
		23 Lakuramau Jetty	OUT	6	1	1	1	0	0	0	1	1	1
		24 Konos Jetty	OUT	7									1
		25 Taskul Wharf	OUT	8	1	0	0	0	1	0	0	1	1
		26 Enelava Jetty	OUT	9	1	0	0	0	0	0	0	1	1
		Namatanai											
		48 Namatanai Wharf	OUT	10	3	1	0	0	1	0	0	1	1
		49 Labur Wharf	OUT	11	2	1	0	0	0	0	0	1	1
		50 Huris Wharf	OUT	12	1	0	0	0	0	0	0	1	1
		51 Kalili Wharf	OUT	13	1	0	0	0	0	0	0	1	1
		Lihir Island											
		102 Putput Port	OUT	14	5	0	1	0				4	1
		103 Londolovit Port	OUT	15									
		104 Palie Catholic Mission Wharf	OUT	16	1	0	0	0	0	0	0	0	1
15	WNBP	West New Britain Province		9	19	1	0	0	4	1	1	21	1
		Kimbe											
		93 PNGPCL Kimbe	IN	1	3	0	0	0	2	0	0	3	1
		94 WNBP Government Jetty	IN	2	1	0	0	0	0	0	0	2	1
		95 Malama Jetty	IN	3	3	0	0	0	0	0	0	2	1
		96 KBSA Wharf and Marina	IN	4	2	1	0	0	1	1	1	2	1
		97 Liamore Reef Resort Jetty	IN	5	3	0	0	0	0	0	0	2	1
		98 Buluma Wharf	IN	6	1	0	0	0	1	0	0	3	1
		99 Walindi Resort Jetty	OUT	7	3	0	0	0	0	0	0	2	1
		100 Biaila Port	OUT	8	2	0	0	0	0	0	0	3	1
		101 Ulamona Wharf	OUT	9	1	0	0	0	0	0	0	2	1

PORT FACILITIES SURVEYED

Exist and still in use	105
Exist but not in use	7
Do not exist anymore	3

PORT LIMIT(S)

Inside Port Limit	66
Outside Port Limit	44
No Sure	5

Number of maritime provinces **15**

PORT FACILITIES AS PER MARITIME PROVINCES

AROB	CP	ENBP	ESP	GP
1	7	17	3	0
MADP	MANP	MBP	MORP	NCD
16	5	17	9	4
NIP	OP	WNBP	WP	WSP
16	1	9	3	7

PORT FACILITIES AS PER REGIONS

MOMASE	NGI	SOUTHERN REGION
35	48	32

APPENDIX 9: Achievement Test

Method of Achievement Test

The questions were given to Project Team Members and members were given fixed time period to prepare the answer. The question items and respective answers from the Project Team Member are attached. The answers were collected by the Project Manager, Mr. Charles Siniu, at the deadline date. The answers were immediately passed to JICA experts for their evaluation. The evaluation was carried out using following criteria:

- 25 points for overall understanding on all the matters handled in the Project
- 20 points for Port Inventory as core practical exercise item in the port policy tools
- 10 points for Port Governing System, Port Statistics and Criteria/Guidance for Development
- 25 points for National Port Administration as prime objective of the Project

Following is the summary of evaluation results

Evaluation Details	points	Manu	Priscilla	Sylvester	Joseph	Sent	Marion	Hane	Vagi
		Suu	Ure	Rokuman	Lelepo	Raiya	Kila	Kila	Eoima
1. Overall understanding	25	20	25	25	20	20	20	20	20
2. Port Inventory	20	20	20	20	20	15	10	20	10
3. Port Governing System	10	5	5	10	10	5	10	5	10
4. Port Statistics	10	5	10	10	10	10	10	10	10
5. Criteria/Guidance for Port Development	10	5	5	5	5	5	5	5	10
6. National Port Administration	25	20	20	20	15	20	15	20	10
	100	75	85	90	80	75	70	80	70

Each Project Teams Member's score is summarized as follows and it indicates team members average score 78points.

	Name	Organization	Score
1	Mr. Manau Suu	Maritime Transport Division, DoT	75
2	Ms. Priscilla Ure	Maritime Transport Division, DoT	85
3	Mr. Sylvester Rokuman	Maritime Transport Division, DoT	90
4	Mr. Joseph Lelepo	Maritime Transport Division, DoT	80
5	Mr. Sent Raiya	Policy and Research Division, DoT	75
6	Ms. Marion Kila	Rural Transport Infrastructure Development Division, DoT	70
7	Ms. Hane Kila	Maritime Compliance Division (Harbors Management Services), PNGPCL	80
8	Mr. Vagi Eoima	Infrastructure Division, PNGPCL	70
	Project Team Members average score		78

Achievement Test Questions
on
The Project for Capacity Development of DoT in Port Policy and Administration

All the Project Team Members are requested to answer following questions:

1. Port Inventory

- 1) Please describe why port inventory is necessary for national port administration.
- 2) Please explain the steps to be implemented in carrying out port inventory data collection.

2. Port Governing System

- 1) Please describe why port governing system (port classification) is required for national port administration.
- 2) Please list the elements that should be taken into consideration when establishing port classification.

3. Port Statistics

- 1) Please describe why port statistics are vital for national port administration.
- 2) Please indicate necessary items to be included in the national port statistics.

4. Criteria/Guidance for Port Development & management

- 1) Please describe the necessity of Criteria/Guidance for Port Development & management.

5. National Port Administration

- 1) Please describe roles and responsibilities of DoT as the government agency regarding port administration.
- 2) Please summarize your opinion on how the national port administration in PNG should be formulated in future.