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添付 3-1 第 1 回 JCC 会議議事録

MINUTES OF MEETING

BETWEEN

JAPAN INTERNATIONAL COOPERATION AGENCY

AND

AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNION OF MYANMAR

ON

THE FIRST JOINT COODINATING COMMITTEE MEETING

OF

THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA

January 7, 2008

Nay Pyi Taw

On behalf of the Forest Department,
the Myanma Agriculture Service, and
the Department of Fisheries



U Soe Win Hlaing
Director General,
Forest Department,
Ministry of Forestry
The Union of Myanmar



Ms. Michiko Umezaki
Resident Representative,
Myanmar Office,
Japan International Cooperation Agency



Mr. Shiro Arai
Chief Advisor,
JICA Project Expert Team

1. THE FIRST JOINT COORDINATING COMMITTEE MEETING

The meeting was held on June 25, 2007 at the Forest Department Headquarters in Nay Pyi Taw. A total of 18 representatives from JICA, JICA Project Expert Team, Ministry of Forestry, and other partner and related organizations attended the meeting.

U Soe Win Hlaing, the Director General of the Forest Department and also the Chairman of the Joint Coordinating Committee (JCC), in his remarks, expressed his appreciation to JICA for the assistance to implement the Project and briefly touched upon the importance of mangroves, the history of mangrove management in Myanmar, and the overall goal, duration, area and benefits of the Project. Noting the main objectives of the meeting, the Director General invited all participants to discuss and make comments and suggestions on the Draft Inception Report distributed to all JCC members. Also, Ms Michiko Umezaki, the Resident Representative of JICA Myanmar Office, made opening remarks for the meeting. After noting past cooperation between Japan and Myanmar, Ms Umezaki focused on the main objective of the meeting to discuss on the Draft Inception Report. Succeeding the opening remarks, Mr. Shiro ARAI, Chief Advisor of the JICA Project Expert Team and U Bo Ni, Project Coordinator of the Mangrove Community Forestry Task Force of the Forest Department, presented important issues on project implementation. After the presentations, all attendees of the meeting were invited to take part in the discussion and make comments on the Draft Inception Report. Representatives from the Forest Department, the Myanma Agriculture Service, the Department of Fisheries and the Settlement and Land Record Department further clarified and elaborated their previously submitted comments to the JCC meeting.

Principal issues, clarifications and consensus made and raised in the first JCC meeting are as listed in the following paragraph.

2. ISSUES AND DECISIONS in the FIRST JOINT COORDINATING COMMITTEE MEETING

2-1. The Project Period

It came to an agreement among all attendees of the meeting to approve the commencing date of the Project to be April 1, 2007, and to reaffirm the Project period as from April 2007 to March 2012, shifting the cooperation period for six (6) months from originally agreed cooperation period on the R/D (“five(5) years from October 2006 (tentatively)”).

2-2. Implementation Structure of the Project

As one of the results of administrative structure reform in Myanmar which took place in April 2007, administrative jurisdiction of Ama Sub-Township, which land area comprises part of the Project's target area (lower parts of Pyindaye R.F. and Kadonkani R.F.), was transferred from Bogalay Township to Pyapone Township. Corresponding to this reform, it was agreed by all attendees of the meeting to add Pyapone Township on Township list of the Project Area, and thus, lead to inclusion of regional offices of the Forest Department and other partner organizations in Pyapone Township as constituent members of implementation organization structure to be organized within the Project.

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2-3. Relation between the Project and the Integrated Mangrove Management Plan

All attendees of the meeting confirmed the relationship and disparity between the Project and the Integrated Mangrove Management Plan (IMMP) elaborated through “the Study on the Integrated Mangrove Management through Community Participation”. The Project is not to cover the whole Phase I of the IMMP, but is an effort to support activities in the IMMP conducted by the Forest Department and other partner and related authorities.

2-4. The Community Forestry Task Force

All attendees of the meeting agreed that the task force formulated by the Forest Department for the Project implementation is to be named “Mangrove Community Forestry Task Force (MCFTC)” for presenting proper extent of mandate of the organization.

2-5. Others

The Draft Inception Report will be finalized based on the agreements, and also wording and minor revision will be made in accordance with the comments of the Forest Department, the Myanmar Agriculture Service, the Department of Fisheries, the Settlement and Land Record Department and JICA Myanmar Office.

ANNEX-1 Inception Report (final)

ANNEX-2 List of participants of the first JCC Meeting

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ANNEX-1 Inception Report



ANNEX-2 List of participants of the first JCC Meeting

No.	Name	Position	Institution
1.	U Soe Win Hlaing	Director General	Forest Department, Ministry of Forestry
2.	U Aye Myint Maung	Deputy Director General	- do -
3.	Col. Zaw Win Myint	Director, Administration Division	- do -
4.	U Sein Htun	Director, Planning and Statistics Division	- do -
5.	U Ohn Win	Director, Forest Research Institutes	- do -
6.	Daw Yi Yi Tint	Director, Budget and Accounts Division	- do -
7.	U Myint Swe	Deputy Director, Planning and Statistics Division	- do -
8.	Dr. Myint Oo	Deputy Director, Planning and Statistics Division	- do -
9.	U Win Maung	Assistant Director, Myaung Mya District	- do -
10.	U Bo Ni	Assistant Director, Planning & Statistics Division	- do -
11.	U Kyaw Htun	Director	Planning and Statistics Department, Ministry of Forestry
12.	Dr. Win Htut	Assistant Director	Settlement and land Record Department (SLRD)
13.	U Aung Shwe	Manager	Myanma Agriculture Services (MAS)
14.	U Mya Than Tun	Assistant Director	Department of Fishery (DoF)
15.	Ms. Michiko UMEZAKI	Resident Representative	JICA Myanmar Office.
16.	Mr. Yoahihisa MASANAGA	Assistant Resident Representative	- do -
17.	U Maung Maung Than	Program Officer	- do -
18.	Mr. Shiro ARAI	Chief Advisor	JICA Expert Team

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添付 3-2 第 2 回 JCC 会議議事録


MINUTES OF MEETING
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNION OF
MYANMAR
ON
THE SECOND JOINT COORDINATING COMMITTEE MEETING
OF
THE INTEGRATED MANGROVE REHABILITATION AND
MANAGEMENT PROJECT THROUGH COMMUNITY PARTICIPATION IN
THE AYEYAWADY DELTA

January 09, 2008
Nay Pyi Taw

On behalf of the Forest Department
and Partner Organizations


U Soe Win Hlaing
Director General,
Forest Department,
Ministry of Forestry
The Union of Myanmar


Mr. Kohei Sato
Deputy Resident Representative,
Myanmar Office,
Japan International Cooperation Agency


Mr. Shiro Arai
Chief Advisor,
JICA Project Expert Team

1 THE SECOND JOINT COORDINATING COMMITTEE MEETING

The meeting was held on January 9, 2008 at the Forest Department Headquarters in Nay Pyi Taw. A total of 21 representatives from JICA, JICA Project Expert Team, Ministry of Forestry, and Partner Organizations attended the meeting.

U Soe Win Hlaing, the Director General of the Forest Department, Project director of Mangrove Community Forestry Task Force (MCFTF) and also the Chairman of the Joint Coordinating Committee (JCC), opened the meeting expressing his appreciation to all the participants for the effort to implement the Project and touched upon the importance of mangrove which links marine and terrestrial ecosystem and serves as the barrier against soil erosion, storm and tsunami. He also mentioned the activities of the Project during 2007-1 period. He suggested all the participants that the Project should be implemented in accordance with the annual plan of operation and the Project Operation Manual. He also introduced the comment of the Minister of Ministry of Forestry that the Minister expected the success of this Project very much through the collaboration among the Forest Department and Partner Organizations. He concluded his remark by inviting all participants to discuss and share the same understanding for the successful implementation of the Project.

Mr. Kohei Sato, the Deputy Resident Representative of JICA Myanmar Office, made opening remark for the meeting. He mentioned that the Project would establish the foundation for the 40 years of the IMMFP. He appreciated the collaboration of the Forest Department and Partner Organizations so far and highlighted the further collaboration of all related organizations which is indispensable for the success of the Project.

Mr. Shiro ARAI, Chief Advisor of the JICA Project Expert Team presented the annual completion report (ACR) 2007-1, putting an emphasis on the present critical condition of mangrove degradation. He explained the staff list and staff profile sheet which need to be filled by Partner Organizations and if necessary, which should be updated regularly.

U Khin Maung Lwin, Field Project Manager of the MCFTF presented the draft annual plan of operation (APO) 2007-2 for discussion and approval by JCC.

U Bo Ni, Project Coordinator of the MCFTF presented important issues on the Project Operation Manual for smooth Project implementation.

After each presentation, all attendees of the meeting were invited to take part in the discussion and make comments with regard to the presentation. Based on the discussion, ACR 2007-1, APO 2007-2 and the Project Operation Manual (2007) were approved by JCC.

Mr. Sato made a closing remark noting his appreciation to the active discussion among the participants. He reminds the Forest Department of the assignment of the fulltime staff for the Project at Myaung Mya District level. He also requested the Forest Department to take necessary measures for the security of the JICA Project Expert Team.

U Htun Paw Oo, also made a closing remark appreciating the contribution from all the JCC members and addressed that all the organization would implement the Project in accordance with the annual plan of operation. He closed the meeting noting that the value of mangrove is precious and continuous discussion for the better collaboration of all the organizations is necessary.

Principal issues, clarifications and consensus made and raised in the second JCC meeting are as listed in the following paragraph.

2 ISSUES AND DECISIONS in the SECOND JOINT COORDINATING COMMITTEE MEETING

2.1 Staffing of the Project member

All attendees of the meeting reconfirmed the necessity of fully assignment on the Project members to implement the Project. Forest Department (FD), Myanma Agriculture Service (MAS), Department of Fisheries (DOF) and Settlement and Land Record Department (SLRD) agreed to prepare the staff list and to assign their staff as soon as possible in accordance with the list.

FD also agreed to assign fulltime staff for the project implementation at Myaung Mya district level.

2.2 Approval and finalization of APO 2007-2 and confirmation of responsible staff for construction activities

All attendees of the meeting confirmed and approved the APO 2007-2. Also, FD committed to arrange the assignment of the responsible staff for the construction activities of nursery and nursery facility. FD confirmed that the arrangement of assignment is necessary since some officers with extensive experiences in mangrove nursery construction and range officers in charge of CF extension centre and nursery were currently not available due to trainings.

2.3 Approval and further elaboration of the Project Operation Manual

All attendees of the meeting confirmed and approved the Project Operation Manual (2007 version) and also confirmed the necessity of updating it every year. It was confirmed that following actions are to be taken.

- Finalization of the organization structure of MAS, DOF and SLRD project team by MAS, DOF and SLRD respectively
- Finalization of the contact list of FD, MAS, DOF and SLRD project members by FD, MAS, DOF and SLRD respectively
- Elaboration of budgeting and expenditure procedure by FD, JICA, and JICA Project Expert Team

2.4 Project monitoring

All attendants of the meeting confirmed that the monitoring and operation indicators which were drafted in the Project Design Matrix of the Project should be elaborated and finalized for the project implementation. All attendants agreed to fix the indicators in the third JCC meeting based on the consideration during 2007-2.

2.5 CFI application standard

All attendants of the meeting confirmed that land use planning is important for the management of mangrove area and agreed to start application of community forestry for the community level land use planning.




2.6 The schedule of the third JCC

All attendees of the meeting agreed that tentatively, the third JCC meeting will be set to be held on 6th March 2008, since the JICA Project Expert Team will complete the 2007-2 activities and leave for Japan in the middle of March 2008.

MCFTF will be responsible for finalizing the date and time of the third JCC meeting.

2.7 Necessity of setting up a mangrove division

Mr. Arai addressed that the Project activities should be followed up by a permanent organization, such as mangrove division in the Forest Department. And he suggested establishing a preparatory office for the mangrove division in the Forest Department so that the mangrove division can be opened by the end of the Project.

2.8 Construction of Project office

Mr. Arai requested that construction of the Project office should be completed as scheduled and it should be fully furnished with necessary desks and chairs for the Project activity. The Forest Department agreed to the request and replied the construction work will be finished by the end of February 2008.

3 COMMENTS in the SECOND JOINT COORDINATING COMMITTEE MEETING

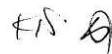
U Win Maung, Deputy Director of MAS mentioned that the food security for the local people in the delta area should be improved.

Mr. Arai replied that the agricultural activities should be implemented in accordance with the clarification of border between paddy and CF area based on the land use plan and CF management plan would be applied for the land use management in the delta area. Mr. Arai explained briefly about the potential of taro cultivation in some villages and application of CF paddy plantation.

Dr. Win Htut, Assistant Director of SLRD mentioned that the land use plan is important for limited resource management.

U Khin Maung Soe, Deputy Director of DOF mentioned that the fishery sector understands the mangrove ecosystem and mangrove management will benefit the fishery sector as well. He pointed that the reporting system of DOF should be enforced for the Project implementation. He also addressed that DOF in collaboration with the JICA expert of fish culture would consider and plan the necessary activities to instruct the ground level staff. He touched on the notification by DOF with regard to shrimp ponds.

U Htun Paw Oo commented the importance of patrolling and appreciated the fact that the Project would include the activities related to patrolling. He also mentioned that the Project should implement multi-sectoral activities intensively in one pilot area.



Mr. Arai replied that the Project plans first to make CF models for the extension to other communities and the Project should work in all of the reserved forests in order to mitigate the mangrove degradation.

U Htun Paw Oo agreed with Mr Arai.

U Bo Ni highlighted the importance of mangrove consists not only of tangible benefit, but also intangible benefit. He requested MAS and SLRD to prepare the staff list as soon as possible to start the Project activities at the field level.

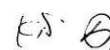
U Saw Hlaing, Director of SLRD mentioned that SLRD would prepare the staff list as soon as possible. He also mentioned that the duty of SLRD written in the Project Operation Manual should be changed as the confirmation of all the land use, instead of the registration of paddy field only.

U Sein Htun, Project Manager/Director, MCFTF, FD PSD mentioned that preparing staff list is inevitable for the smooth implementation of the Project and better communication of the Project members. He also emphasized that this commencement stage of the Project is good occasion to establish the collaborating environment among FD, MAS, DOF and SLRD. He addressed the importance of the Project Operation Manual and clarified that it would be updated every year. He also explained that the plan of the Project is practical and feasible. and suggested MAS, DOF and SLRD to participate in the Project more actively.

Dr. Win Htut, SLRD asked for the detailed responsibilities to be taken by SLRD in the Project. U Win Maung, Deputy Project Manager/Deputy Director, MCFTF/FD PSD mentioned that collaboration with SLRD is necessary in the management planning to confirm land use plan of communities.

U Win Maung, MCFTF emphasized that the activities in township level have the most important role for the implementation of the Project.

- ANNEX-1 Agenda for the Second JCC Meeting
- ANNEX-2 List of participants of the Second JCC Meeting
- ANNEX-3 List of handouts distributed to the participants



ANNEX-1 Agenda for the Second Joint Coordinating Committee Meeting

Second Joint Coordinating Committee Meeting
for
The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta

1. Date: January 9, 2008
2. Time: 10:00-13:00
3. Venue: Meeting Room, Forest Department, Headquarters (Nay Pyi Taw)
4. Agenda: As shown below:

	Time	Subject	Person
1	10:00-10:15	Opening remark 1	U Soe Win Hlaing, Project Director /Director General, MCFTF, FD
2	10:15-10:30	Opening remark 2	Mr Kohei Sato, Deputy Resident Representative, JICA Myanmar
3	10:30-10:45	Presentation of ACR 2007-1	Mr Shiro Arai, CA, JICA Project Expert Team
4	10:45-11:00	Discussion on the ACR 2007-1 - Staffing of the project member	Chaired by MCFTF
5	11:00-11:30	Presentation of APO 2007-2 draft	Field Project Manager, MCFTF, AD Myaung Mya
6	11:30-12:00	Discussion on the APO 2007-2 - Opening the Myaung Mya project office - Consolidation of Myaung Mya MCFTF - On time construction/renovation of the CF extension center/nursery and staff in charge	Chaired by MCFTF
7	12:00-12:20	Presentation about the Project Operation Manual	Project Coordinator, MCFTF, AD Yangon
8	12:20-12:40	Discussion on the operation manual - Missing parts of the current operation manual	Chaired by MCFTF
9	12:40-12:50	Closing remark 1	Mr Kohei Sato, Deputy Resident Representative, JICA Myanmar
10	12:50-13:00	Closing remark 2	U Htun Paw Oo, Director, FRI, FD

ANNEX-2 List of Participants of the Second JCC Meeting

No.	Name	Position	Institution
1.	U Soe Win Hlaing	Project Director/Director General	Forest Department, Ministry of Forestry
2.	U Sein Htun	Project Manager/Director, Planning and Statistics Division	- do -
3.	U Htun Paw Oo	Director, Forest Research Institutes	- do -
4.	U Win Myint	Director, MCFTF/Ayeyawady Division	- do -
5.	Daw Yi Yi Tint	Director, Budget and Accounts Division	- do -
6.	U Mya Cho	Deputy Director, Extension Division	- do -
7.	U Myint Swe	Deputy Director, Planning and Statistics Division	- do -
8.	U Maung Maung Than	Deputy Director, Planning and Statistics Division	- do -
9.	U Win Maung	Deputy Project Manager/Deputy Director, MCFTF/Planning and Statistics Division	- do -
10.	U Khin Maung Lwin	Field Project Manager/Assistant Director, MCFTF/Myaung Mya District	- do -
11.	U Bo Ni	Project Coordinator/Assistant Director, MCFTF/Planning & Statistics Division	- do -
12.	U Aung Myat San	Range Officer, MCFTF/Planning & Statistics Division	- do -
13.	U Win Maung	Deputy General Manager	Myanma Agriculture Services (MAS)
14.	U Tin Win	Manager	- do -
15.	U Khin Maung Soe	Deputy Director	Department of Fishery (DOF)
16.	U Saw Hlaing	Director	Settlement and Land Records Department (SLRD)
17.	Dr. Win Htut	Assistant Director	- do -
18.	Mr. Kohei SATO	Deputy Resident Representative	JICA Myanmar Office
19.	Mr. Junichi HIRANO	Assistant Resident Representative	- do -
20.	Mr. Shiro ARAI	Chief Advisor	JICA Project Expert Team
21.	Mr. Tetsuya SAITO	Participatory Community Development Expert	- do -

*MCFTF: Mangrove Community Forestry Task Force

ANNEX-3 List of handouts distributed to the participants

1. Agenda
2. Summary schedule of 2nd Work in Myanmar
3. Basic approaches for indicators and means of verification
4. Draft PO detailed
5. Presentation of Progress of 2007-1
6. Presentation of Draft APO 2007-2
7. Samples for CFI application standard
8. MCFTF staff list
9. Staff profile sheet (format)
10. Project Operation Manual (2007)
11. Presentation material of Project Operation Manual



添付 3-3 第 3 回 JCC 会議議事録

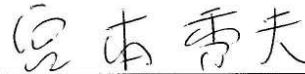
MINUTES OF MEETING
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OF
THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA

January 28, 2009
Nay Pyi Taw

On behalf of the Ministry of Forestry
and Partner Organizations



U San Lwin
Director General,
Planning and Statistic Department,
Ministry of Forestry



Mr. Hideo Miyamoto
Chief Representative,
Myanmar Office,
Japan International Cooperation
Agency



Mr. Shiro Arai
Chief Advisor, JICA Expert

1 THE THIRD JOINT COORDINATING COMMITTEE MEETING

The meeting was held on January 28, 2009 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from JICA Myanmar Office, the JICA experts for the Project, Forest Department and Planning and Statistic Department of Ministry of Forestry, Myanmar Agriculture Services as a Partner Organization and Settlement and Land Record Department as a Supporting agency attended the meeting.

U Soe Win Hlaing, the Director General of the Forest Department, Project director of Mangrove Community Forestry Task Force (MCFTF) and also the Chairman of the Joint Coordinating Committee (JCC), opened the meeting expressing his appreciation to all the participants for the effort to implement the Project and touched upon the roles of the Project for supporting future prevention of the vulnerable delta area from natural disaster such as Cyclone. He expressed his sympathy on the people affected by the Cyclone Nargis which hit the target area at 2nd and 3rd May 2008. He also mentioned the Project was heavily affected by Cyclone Nargis, causing huge casualties in the project target villages and destruction of the construction which the Project implemented.

He mentioned that FD started emergency relief activities for the affected people in the delta soon after the cyclone where FD and JICA collaborated for the rapid survey to identify the actual damages of the target areas. He pointed that the draft revised project plan was prepared collaboratively by FD and JICA. He concluded his remark by inviting all participants to discuss the draft plan in order to finalize it accommodating the ideas and contribution of the participants.

Mr. H. Miyamoto, Chief Representative of JICA Myanmar Office, made opening remark for the meeting. He thanked the participants and appreciated the coordination of the FD for JCC. He mentioned that in this moment, the awareness of the local people and Myanmar side is very high for the importance of the mangrove vegetation because of the heavy damage by Cyclone Nargis. He explained that the draft revised project plan should be finalized through active discussion by the all participants.

Mr. S. Arai, Chief Advisor explained the necessity and schedule to revise and signing PDM version 1 and showed the summary structures of the Project with basic approach touching upon the planned revision from the original plan as follows.

- Output 1: Further CF activities through CFI application as the land management tool
- Output 2: Soft component for institutional development
- Output 3: Reconstruction of CF extension center and nursery and multi-purpose halls
- Output 4: Coordination mechanism for the mangrove management in the delta area

He explained that the output 2, 3 and 4 will finally support the achievement of output 1.

With regard to the presentation of the overall progress and activity plan of the project, he briefly summarized the activity plan for FY2009 (Jan2009-Mar2009) as follows.

- overall: revision of PDM 0 to 1
- output 1: remaining preparatory work such as formation of CF User Groups(CFUSG).
- output 2: technology exchange program to Vietnam
- output 3: revising implementation plan of ARP, preparation of the construction

output 4: reviewing public information system to be headed by the divisional commander level instead of the district chairman of Myaung Mya

He concluded his presentation with the progress of the oyster culture with the latest information from the field.

U Khin Maung Lwin, Field Project Manager of the MCFTF presented the presentation of activities undergoing for fiscal year 2008-2009 and proposed activities including target area/number of the plantation to be done in fiscal year 2009-2010.

Mr. T. Saito, Participatory Community Development Expert presented the Draft PDM and PO version-1 of the project putting emphasis on the following focal points listed on the agenda. The discussion among the participants was held accordingly as is in the 2 ISSUES AND DECISIONS in the THIRD JOINT COORDINATING COMMITTEE MEETING.

Mr. S. Arai made a speech for closing the meeting before the chairman and thanked the participants and sorry for the people who suffered the Cyclone Nargis. He also appreciated to all participants that the fruitful discussion and agreement on the application method of CFI as land management system of the target mangrove area / reserved forest.

U Soe Win Hlaing finally closed the meeting. Thanks everybody for discussion of the future activities enabling durable setting for prevention of natural disaster. Also he expressed great thanks for the FD team, JICA experts and JICA officials about great efforts after the Cyclone Nargis.

2 ISSUES AND DECISIONS in the THIRD JOINT COORDINATING COMMITTEE MEETING

2.1 Implementation organization of the Project

JICA experts recommended changing the project implementation framework to accommodate the change of the administration structure at district level after Cyclone Nargis. The change of organization framework was agreed. Detailed operation structure of the Project is left for further discussion in the course of preparation of the Project Operation Manual

FD and JICA confirmed the necessity to assign one Staff Officer in Myaung Mya Office, one Range Officer for extension in Myaung Mya office and one Range Officer for the Project activities in Kyakankwinpauk Reserved Forest at Kwa Kwa Ka Lay CF extension center and nursery in Laputta Township.

JICA experts also recommended FD to avoid change in members of MCFTF in order not to spoil their accumulation of knowledge and to accelerate developing and obtaining of the core technologies regarding integrated mangrove management and FD agreed about the necessity.

FD, Myanma Agriculture Service (MAS) and Settlement and Land Record Department (SLRD) agreed to prepare the staff list and to assign their staff as soon as possible in accordance with the revised administrative structures and also explained about their contribution to the Project.

2.2 Objectively verifiable indicators of the Project

JICA experts showed the draft objectively verifiable indicators indicating figure of mangrove forest coverage in the future as the target through the Project activities, which were requested to be set through further discussion. FD agreed the presented indicators and also to continue further discussion for finding the best fitting indicators for monitoring and evaluation of the Project.

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2.3 Selection of CF Target Villages

MCFTF, FD also presented the provisionally selected five target villages and two continuing villages by the technical coordination meeting held on 16th January at FD Myaung Mya. Those villages are draft selection from ex-project villages started activities in fiscal year 2007. The villagers' intension has been confirmed through the recovery survey conducted during FY2008, and will be confirmed for finalization of the selection. FD accepted the draft selection and planned that the confirmation of villagers intention would be conducted by the MCFTF immediately after the JCC. Selected draft target villages are;

Township/RF	Target Village
Laputta District	
Kyakankwinpauk RF	Kwa Kwa Ka Lay
Pyinalan RF	Kanbala Ta Pin
Pyinalan RF	Thar Yar Kone
Pyinalan RF	Nyaung Ta Pin
Pyar Pon District	
Kadonkani RF	Ahpyin Pade Gaw
Pyindaye RF	Hngat Kyi Taung
Pyindaye RF	Htaung Gyi Tan

JICA experts explained that the selection of target villages was also finalized with consideration to the recovery situation of each village from damage of the cyclone, which were confirmed through recovery survey in FY2008.

2.4 Application standard of the CFI to the mangrove project area / Reserved Forest

JICA experts explained the Project's strategy to apply the CFI application as the land management system in the Project area and not as a system only for forest management. FD confirmed the implementation of the Project in accordance with the strategy in collaboration with DOF, MAS and SLRD for achieving the integrated resource management and all participants agreed.

2.5 Technology exchange programs in third countries

FD expressed an interest in participating in the program in Vietnam (FY2008, for Melaleuca plantation) and Malaysia (FY2009, for rotational harvesting) and agreed with the selection of the destination.

2.6 CF extension center and nursery

FD and JICA agreed to construct/rehabilitate CF extension center and nurseries in four places, which are Kwa Kwa Ka Lay, Thar Yar Kone, Byone Hmwe and Htaung Gyi Tan. Also it was agreed that the CF Nursery Offices will be constructed in three places which is Thar Yar Kone, Byone Hmwe and Htaung Gyi Tan. The site location was selected since these areas are located in the coastal area of each township.

2.7 System for the public information under the Project

FD agreed with the distribution of the public information material by order of division level to village tract and the Project villages through two districts and three townships related to the Project. Also design of the draft 2009 calendar including photo of Nargis and fruitful mangrove productions are accepted.

3 COMMENTS in the THIRD JOINT COORDINATING COMMITTEE MEETING

Project manager of the ITTO, Dr Nyi Nyi Kyaw, deputy director, FRI presented revised- proposal of

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*The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta*

ITTO mangrove project including his basic approach as;

1. research and technology development
2. starting Community Based Forest Management
3. restore the mangrove ecosystem (R&D)
4. strengthening of project staff and local people

He also commented that ITTO mangrove project must avoid the overlapping with JICA mangrove project so that the proposal to ITTO should be targeted wild life sanctuary of Meinmahla RF and northern Pyindaye RF including construction of CF nursery center. Also expected schedule of the project was explained as launching at fiscal year 2009/2010 year start.

Mr. S. Arai commented that the two projects must have same approach for applying CFI for avoiding any confusion of the FD front line staff and local people. Dr Nyi Nyi Kyaw and U Bo Ni agreed on continuous coordination to seek for the same goal collaboratively.

U Saw Hlaing, Director, SLRD, commented that one of key points of the land management through applying CFI as land use rule is data sharing between FD and SLRD. FD agreed that the data will be shared between FD and SLRD such as GPS location data of land marks delineating paddy and CF area, satellite imagery data that is acquired by the Project, and CF management map, etc.

Meeting Minutes: Third JCC (January 2009)

*The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta*

Attachments

- Attachment-1 Agenda for the Third JCC Meeting
- Attachment-2 List of participants of the Third JCC Meeting
- Attachment-3 List of handouts distributed to the participants

Meeting Minutes: Third JCC (January 2009)

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*The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta*

Attachment1

AGENDA

**THIRD JOINT COORDINATING MEETING (Jan. 2009)
for
Integrated Mangrove Rehabilitation and Management Project
through Community Participation in Ayeyawady Delta**

**FD, Ministry of Forestry
28 January, 2009**

1. Objective

Discussion and Adoption of the Fiscal Year 2008 Activity Plan of the Project

2. Venue

Conference Room of Forest Department, Nay Pyi Taw

3. Participants

Representatives of FD, MAS, DOF, and SLRD to the meeting based on the definition on the record discussion of the Project

4. Date and Time

28 January 2009, 09:30-12:00

5. Agenda

Time	Subject	Person
09:30-09:40	Opening speech 1	Representative, MCFTF, Project Director, FD
09:40-09:50	Opening speech 2	Representative, Japanese Side
09:50-10:00	Presentation of the draft activities plan of the Project for fiscal year 2008 (January – March 2009)	Representative of the JICA experts
10:00-10:15	Presentation of current progress of the Project activity for fiscal year 2008 and plan for fiscal year 2009/2010	Field Project Manger, AD, Myaung Mya FD
10:15-10:30	Reviewing, discussion and adoption of the FY 2008 activities plan (January – March 2009)	Chaired by the Project Director
10:30-10:50	Presentation of the Draft PDM and PO version 1 of the Project	Representative of the JICA experts
10:50-11:30	Reviewing and discussion of the draft PDM and PO Version 1 including confirmation of; - Implementation Organization of the Project - Objectively Verifiable Indicators of the Project - Application standard of the CFI to the mangrove project area - Technology exchange programs at third countries - CF extension center nurseries - System for the public information under the Project	Chaired by the Project Director
11:30-11:45	Closing 1	Representative, Japanese Side
11:45-12:00	Closing 2	Representative/MCFTF, Project Director, FD

Meeting Minutes: Third JCC (January 2009)

The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta

Attachment-2 List of participants of the Third JCC Meeting

28.1.2009

No	Name	Occupation	Department/Services
Forest Department			
1	U Soe Win Hlaing	Director General (Project Director, MCFTF)	Forest Department, Ministry of Forestry
2	U Aye Myint Maung	Deputy Director General	Forest Department, Ministry of Forestry
3	U Sein Htun	Director (Project Manager, MCFTF)	Forest Department, Ministry of Forestry
4	U Win Naing	Director, Ayeyawady Division	Forest Department, Ministry of Forestry
5	U Let Yar Aung	Director, Extension Division	Forest Department, Ministry of Forestry
6	Dr. Myint Oo	Director, Training and Research Development Division	Forest Department, Ministry of Forestry
7	Dr. Nyi Nyi Kyaw	Deputy Director, Forestry Research Institute cum acting project manager for ITTO project	Forest Department, Ministry of Forestry
8	U Zaw Win	Deputy Director, Natural Forest and Plantation Division	Forest Department, Ministry of Forestry
9	U Maung Maung Than	Deputy Director, Planning and Statistics Division	Forest Department, Ministry of Forestry
10	U Bo Ni	Assistant Director (Coordinator, MCFTF)	Forest Department, Ministry of Forestry
11	U Khin Maung Lwin	Assistant Director, FD Myaung Mya District (Field Project Manager, MCFTF)	Forest Department, Ministry of Forestry
12	U Hlaing Min Maung	Staff Officer, Planning and Statistics Division Forest Department	Forest Department, Ministry of Forestry
13	U Tint Swe	Assistant Director, Planning and Statistics Division	Forest Department, Ministry of Forestry
Planning and Statistic Department			
14	U San Lwin	Director General	Planning and Statistics Department, Ministry of Forestry
Settlement and Land Record Department			
15	U Saw Hlaing	Director, Settlement and Land Records Department	Ministry of Agriculture and Irrigation
Myanma Agriculture Services			
16	U Win Maung	Deputy General Manager, Myanma Agricultural Services	Ministry of Agriculture and Irrigation
17	Daw Jany Lue	Manager, Myanma Agricultural Service	Ministry of Agriculture and Irrigation
JICA			
18	Mr. Hideo Miyamoto	Chief Representative	JICA Myanmar Office
19	Mr. Junichi Hirano	Representative	JICA Myanmar Office
20	U Maung Maung Than	Program Officer	JICA Myanmar Office
JICA Experts of the Project			
21	Mr. Shiro Arai	Chief Advisor	JICA Expert
22	Mr. Tetsuya Saito	Participatory Community Development	JICA Expert

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Attachment-3 List of handouts distributed to the participants

Title	Presenter
draft activities plan of the Project for fiscal year 2008 (January – March 2009)	S. Arai, Chief Adviser, JICA expert
current progress of the Project activity for fiscal year 2008 and plan for fiscal year 2009/2010	U Khin Maung Lwin, FPM, MCFTF, FD
Draft PDM and PO version 1 of the Project	T. Saito, Participatory Community Development, JICA expert

Meeting Minutes: Third JCC (January 2009)


添付 3-4 AD hoc JCC 会議議事録

MINUTES OF MEETING
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNION OF MYANMAR
ON
THE AD HOC JOINT COORDINATING COMMITTEE MEETING
OF
THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA


July 30, 2009

Nay Pyi Taw

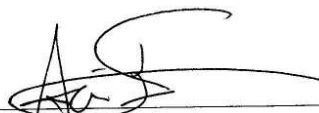
On behalf of the Ministry of Forestry
and Partner Organizations



U San Lwin
Director General
Planning and Statistics Department,
Ministry of Forestry



Mr. Hideo Miyamoto
Chief Representative
Myanmar Office
Japan International Cooperation
Agency



Mr. Shiro Arai
Chief Advisor, JICA Expert

1 THE AD HOC JOINT COORDINATING COMMITTEE MEETING 2009

The meeting was held on July 30, 2009 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from JICA Myanmar Office, the JICA experts for the Project, Forest Department and Planning and Statistic Department of Ministry of Forestry, Myanma Agriculture Services and Department of Fishery as a Partner Organization and Settlement and Land Record Department as a Supporting Agency attended the meeting.

U San Lwin, the Director General of the Planning and Statistic Department, Chairman of the Ad Hoc Joint Coordinating Committee (JCC) opened the meeting expressing his appreciation to all the participants for the effort to implement the Project and this meeting is the fourth JCC meeting held in Nay Pyi Taw.

Mr. H. Miyamoto, Chief Representative of JICA Myanmar Office, made an opening remark for the meeting. He thanked the participants and appreciated the coordination of the Forest Department for Ad hoc JCC and keen activities of the Project at site. Also he suggested a prompt sanction of revised PDM version 1 and PO version 1 by Myanmar Side and prompt assignment of planned fulltime staff to the Project based on agreement by preceding JCCMs. In addition, he urged Myanmar Side to establish monitoring system of the Project activities as early as possible.

Mr. S. Arai, Chief Advisor presented progress of the Project activities based on the revised APO 2009, which was prepared in accordance with the PDM version 1 (draft), putting emphasis on the current condition of the implementation and management of the Project. Main topics raised are as follows.

- From January 2009, CF activities were re-started after Cyclone Nargis for supporting production and environmental protection in the target area,
- Necessity of launching monitoring system within early stage which enables information sharing on Project progress between RFs, and among different levels of Projects stakeholders (implementation site of the Project, Division, Nay Pyi Taw, and management site of the Project), via Myaung Mya Project Office. The monitoring system should function accordingly to the APO in order to grasp the progress in objective manner, and
- Schedule and contents of constructions of CF Extension Center Nurseries, which to some portion will be consigned to local contractor and the rest directly operated by FD.

U Khin Maung Lwin, Field Project Manager (FPM) of the MCFTF presented the progress of activities up to July 2009 regarding following contents:

- Progress of Action Research (AR) plantations up to 25 July 2009 in 4 Reserved Forests,
- Progress of seedling productions for AR plantation in the nurseries of the CF extension center nurseries at Laputta, Bogalay and Pyar Pon townships,
- Progress of CF activities up to 25 July, including CF agroforestry activities and monitoring of CF oyster culture trial, etc.,

Also, Mr. Arai raised the issues to be discussed in the ad hoc JCC 2009 at the beginning of the discussion according to the focal points listed on the agenda;

- Delivery and collaborative preparation of progress report No 1 (January – March 2009) and No2 (April – August 2009) of the Project that shall be prepared by both parties of MCFTF and JICA experts,
- Schedule of assignment of fulltime counterparts of FD to the Project Office in Myaung Mya and Kyakankwinpauk RF,
- Delivery of cargo boats to FD Laputta, Bogalay and Pyar Pon township and “Handing Over Ceremony” of the boats,
- Development of CF management map through collaboration by FD and SLRD, and
- Establishment of Mangrove Division as responsible agency for Myanmar mangrove area as well as succeeding agency of the Project

Mr. Arai made a speech for closing the meeting before the chairman and thanked the participants. He also appreciated all participants having the fruitful discussion and agreement in the meeting.

U San Lwin finally closed the meeting. He thanked everybody for discussion of the future activities enabling durable setting for prevention of natural disaster. Also he remarked the necessity for discussion on on-going activities and future activities, and necessity for the supporting agencies to involve in and contribute to the Project.

2. ISSUES AND DECISIONS in the AD HOC JOINT COORDINATING COMMITTEE MEETING

2.1 Assignment of fulltime staff to the MCFTF

FD instructed prompt assignment of the agreed fulltime MCFTF staff and explained the staff will be assigned based on discussion between Field Project Manager and director of FD Ayeyawady Division in August 2009.

2.2 Preparation of CF Management Map by collaboration between SLRD and FD

SLRD mentioned that the land use map which to be included within CF management map is important and agreed to collaborate with FD for making the map, starting from October 2009. FD agreed on collaboration. between SLRD and FD in the CF target villages under the Project

SLRD also agreed to instruct the field level staff to collaborate with FD in accordance with the implementation plan of the preparation of CF management map discussed in this JCC.

2.3 Ceremony for Handing Over the Cargo Boats

FD agreed to carry out handing over ceremony of the cargo boats. Details of the ceremony will be determined among concerned staff and the Experts.

2.4 Procedure for Extension of the Project Period

The participants confirmed and agreed to set up the sanction by Myanmar Side for extending agreed project period on the third JCC meeting for six (6) years from April 2007 to March 2013 instead of

five (5) years from April 2007 to March 2012. FD will submit a letter of request for the official permission on the extension to the Cabinet through Ministry of Forestry, which should contain explanation of the revised project plan according to the draft PDM version 1, PO version 1, and the contents of activities presented on the third JCC meeting. FD confirmed the necessity and agreed to take necessary actions to adjustment of FD's budget according to the revised project period, and also to amend stay permit and visas for the experts.

2.5 Setting up of Mangrove Division

FD addressed that Mangrove Division will be set up for management of the mangrove area of the country, which operation should start from Ayeyawady Delta in coordination with the JICA supported mangrove project and also in Rakhine with FAO project. FD suggested that some support for launching management of island mangrove in Tanintharyi Division will be required.

2.6 Schedule and Contents of Construction of CF Extension Centres Nurseries

JICA Expert explained about the schedule for construction of the four CF Extension Centre Nurseries including special centre offices at Kwa Kwa Ka Lay (Kyakankwimpauk RF), Thar Yar Kone (Pyinalan RF), Byone Hmwe (Kadonkani RF), and Taung Gyi Tan (Pyindaye) within the Project Area. The contractor for the construction will be selected in near future, and the construction will be completed before April 2010 soon after necessary complementally construction based on the contract between the contractor and JICA experts/Nippon Koei Co., Ltd. are finished Delivery to FD is planned to be in May 2010

END

Attachments

- Attachment-1 Agenda for the FY2009 JCC Meeting (ad hoc)
- Attachment-2 List of participants of the FY2009 JCC Meeting (ad hoc)
- Attachment-3 List of handouts distributed to the participants

Attachment-1: Agenda

AGENDA (Draft)

**FY2009 Joint Coordinating Meeting (ad hoc, 30, July 2009)
for
Integrated Mangrove Rehabilitation and Management Project
through Community Participation in Ayeyawady Delta**

**FD, Ministry of Forestry
30 July, 2009**

1. Objective

To confirm progress of the Project for Fiscal Year 2009 activities based on APO 2009, review APO 2009 and problem solving on the Project

2. Venue

Conference Room of Forest Department, Nay Pyi Taw

3. Participants

Representatives of FD, MAS, DOF, and SLRD to the meeting based on the definition on the record discussion of the Project

4. Date and Time

30 July 2009, 10:00-12:00

5. Agenda

Time	Subject	Person
10:00-10:10	Opening speech 1	Representative, MCFTF, Project Director, FD
10:10-10:15	Opening speech 2	Chief Representative, JICA Myanmar Office
10:15-10:30	Presentation of the revised APO 2009	Representative of the Experts
10:30-11:00	Presentation of the current progress based on the revised APO 2009 and operation manual 2009	Field Project Manger, AD, Myaung Mya FD
11:00-11:45	Discussion and setting direction for issues to be settled; - Assignment schedule of permanent / temporal project staff; FD (operation manual 2009): * Schedule to assign Myaung Mya Project Office SO, RO for extension and RO for Kyakankwimpauk RF, * Project staff of DOF, MAS and SLRD township level, - Revised APO 2009 and distribution of the Project Operation Manual 2009, - Procedure for preparation of CF management map by MCFTF (FD and SLRD), and - Plan and progress of formulation of mangrove division	Chaired by the Project Director
11:45-11:50	Closing 1	Chief Advisor for the Project
11:50-12:00	Closing 2	Representative/MCFTF, Project Director, FD

Attachment-2 List of participants of the Ad-hoc JCC Meeting

30.7.2009

No	Name	Occupation	Department/Services
Planning and Statistic Department			
1	U Sann Lwin	Director General (Project Director, MCFTF)	Planning and Statistics Department, Ministry of Forestry
Forest Department			
2	U Aye Myint Maung	Deputy Director General	Forest Department, Ministry of Forestry (MOF)
3	U Sein Htun	Director (Project Manager, MCFTF)	Forest Department, MOF
4	U Win Naing	Director, Ayeeyawady Division	Forest Department, MOF
5	U Maung Maung Kyaw	Director, Natural Forest and Plantation Division	Forest Department, MOF
6	U Let Yar Aung	Director, Extension Division	Forest Department, MOF
7	U Tin Htun	Director, Natural and Wild Life Conservation Division	Forest Department, MOF
8	Daw Yi Yi Tint	Director, Budget and Accounts Division	Forest Department, MOF
9	Dr. Myint Oo	Director, Training and Research Development Division	Forest Department, MOF
10	Dr. Nyi Nyi Kyaw	Director, Forestry Research Institute cum acting project manager for ITTO project	Forest Department, MOF
11	U Maung Maung Soe	Director, Extension Division	Forest Department, MOF
12	U Hla Maung Thein	Deputy Director, Planning and Statistics Division	Forest Department, MOF
13	U Maung Maung Pyone	Assistant Director, Planning and Statistics Division	Forest Department, MOF
14	U Bo Ni	Assistant Director (Coordinator, MCFTF)	Forest Department, MOF
15	U Khin Maung Lwin	Assistant Director, FD Myaung Mya District (Field Project Manager, MCFTF)	Forest Department, MOF
16	U Tual Cin Khai	Staff Officer, Planning and Statistics Division	Forest Department, MOF
17	U Aung Myat San	Range Officer, Planning and Statistics Division	Forest Department, MOF
Myanma Agriculture Service			
18	U Tin Maung Tun	Project Manager / Deputy General Manager, Myanma Agriculture Service	Ministry of Agriculture and Irrigation (MOAI)
19	Daw Jenny Loo	Manager, Myanma Agriculture Service	MOAI
Department of Fisheries			
20	U Tun Win	Project Manger / Director, Department of Fisheries	Ministry of Livestock and Fisheries
Settlement and Land Record Department			
21	U Saw Hlaing	Project Manager / Director, Settlement and Land Record Department	MOAI
22	Dr. Win Htut	Project Coordinator / Assistant Director, Settlement and Land Record Department	MOAI
JICA			
23	Mr. Hideo Miyamoto	Chief Representative	JICA Myanmar Office
24	Mr. Hajime Matsuoka	Representative	JICA Myanmar Office
25	U Maung Maung Than	Program Officer	JICA Myanmar Office
JICA Experts of the Project			
26	Mr. Shiro Arai	Chief Advisor	JICA Expert
27	Mr. Akihito Sakurai	GIS Expert	JICA Expert
28	Ma Zar Li Maw	Secretary	JICA Expert

*MCFTF: Mangrove Community Forestry Task Force

Attachment-3 List of handouts distributed to the participants

Title	Presenter
Confirmation of Current Progress and Countermeasures	S. Arai, Chief Advisor, JICA Expert
Presentation of the Current Progress based on the Revised APO 2009 and Operation Manual 2009	U Khin Maung Lwin, FPM, MCFTF, FD
Summary of Progress and Change of Schedule on Draft Plan of Operation (Version 1)	S. Arai, Chief Advisor, JICA Expert
Draft Annual Plan of Operation FY2009	S. Arai, Chief Advisor, JICA Expert
Progress Monitoring based on Draft Annual Plan of Operation (Version 1)	S. Arai, Chief Advisor, JICA Expert
Discussion Material for the Staffing and Organizational for ad-hoc JCC Meeting	S. Arai, Chief Advisor, JICA Expert
Implementation Plan for Development of CF Management and Paddy Map in the Encroached Reserved Forests in the Ayeyawady Delta (Project Area) through collaboration by Forest Department and Settlement and Land Record Department	S. Arai, Chief Advisor, JICA Expert

添付 3-5 第 4 回 JCC 会議議事録

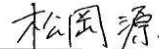
MINUTES OF MEETING
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNION OF MYANMAR
ON
THE FOURTH JOINT COORDINATING COMMITTEE MEETING
OF
THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA

August 5, 2010
Nay Pyi Taw

On behalf of the Forest Department
and Partner Organizations



U Aye Myint Maung
Director General,
Forest Department,
Ministry of Forestry



Mr. Hajime MATSUOKA
Representative,
Myanmar Office,
Japan International Cooperation
Agency



Mr. Shiro Arai
Chief Advisor, JICA Expert Team

*The Integrated Mangrove Rehabilitation and Management Project
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THE FOURTH JOINT COORDINATING COMMITTEE MEETING

1. Introduction

The Fourth Joint Coordinating Committee (JCC) meeting aiming at discussion and adoption of Annual Plan of Operation (APO) 2010 was held on August 5, 2010 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from Forest Department (FD), Planning and Statistic Department (PSD) of Ministry of Forestry, Myanma Agriculture Services (MAS) and Department of Fishery (DOF) as the partner organizations, and Settlement and Land Record Department (SLRD) as the supporting agency, JICA Myanmar Office and JICA Expert Team attended the meeting.

2. Opening Remarks

U Aye Myint Maung, Director General of FD, Project Director of the Project (Mangrove Community Forestry Task Force: MCFTF) and Chairman of the JCC, opened the meeting expressing his appreciation to all the participants for the efforts in implementation of the Project. He emphasized an importance of achievement of the objective of the Project for supporting people in the vulnerable delta area from natural disaster such as Cyclone. He expressed his sympathy with the people affected by Cyclone Nargis, which hit the target areas during 2 to 3 of May 2008. He also mentioned that the Project was tremendously affected by Cyclone Nargis, causing huge casualties in the target areas and destruction of the construction that the Project had implemented.

He stated that FD had engaged in emergency relief activities for the affected people in the delta immediately after the cyclone, and FD and JICA had conducted rapid survey for identification of the damages and recovery situation of the target areas and collaborated for construction of the CF Extension Centers and Nurseries. He also mentioned that the Project was on its half way after re-starting of the Project in January 2009 and the project activities being implemented by FD, in collaboration with partner and supporting agencies and JICA were getting successful progress, e.g. CF activities at the target villages, construction of the CF Extension Centers and Nurseries, etc. Then Project Director acknowledged to all participants about fulfilled progress of the Project.

Mr. Hajime MATSUOKA, Representative of JICA Myanmar Office, made opening remark at the meeting. He thanked to Project Director and all participants, and appreciated the coordination of FD for holding the JCC meeting. He confirmed an importance of the JCC meeting for implementation of the Project, and appreciated all members for their supports in implementation of the Project. Then he made brief explanation about progress of the Project, such as Action Research Plantation for confirmation of mangrove forestry technologies, oyster culture trial implying improvement of livelihood of the people in the target areas and construction of CF Extension Centers and Nurseries, etc. He also emphasized the importance of cooperation among counterpart organizations.

3. Presentations

U Bo Ni, Project Coordinator, presented a summary of major progress of the Project during fiscal year 2009. The progress was explained in accordance with following decisions made by 3rd JCC meeting.

- i) To select Action Research Plantation sites,
- ii) To select CF Villages and implement CF activities,

Maung

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- iii) To complete construction of CF Extension Centers and Nurseries before rainy season is started,
- iv) To extend the Project duration from 5 years (from April 2007 to March 2012) to 6 years (April 2007 to March 2013),
- v) To distribute public information materials, and
- vi) To launch technical exchange programs in third countries.

Also U Khin Maung Lwin, Field Project Manager, made presentation about the progress of activities during the period (Jan. 2009 – up to present), e.g. achieved acreage of Action Research Plantation and confirmed mangrove forestry technologies through the Action Research Plantation. Also he presented about CF activities including livelihood improvement activities such as CF fish culture activities and CF agroforestry activity, etc. He mentioned that the CF activities conducted under the Project would be a model for future community forestry. Then he stated that the construction of CF Extension Centers and Nurseries at 4-sites in the Project area had been completed in mid July, 2010 and it was handed over to FD for daily operation and management of the Project and other work of FD in the area.

In succeeding to the presentation, Mr. Shiro ARAI, Chief Advisor, made the presentation regarding “Consideration on Annual Plan of Operation (APO) 2010” for propelling a discussion. Also he mentioned current progress of activities made by MCFTF in collaboration with SLRD – preparation of CF management map in Kyakankwinpauk Reserved Forest, and MAS – rehabilitation of coconuts vegetation damaged by Cyclone Nargis. In addition, he explained about plan for preparation of interim report and mid-term evaluation.

4. Discussions

4.1 Draft of APO 2010

Mr. ARAI explained about the draft of APO 2010 that was prepared in accordance with Plan of Operation version 1 that was revised and adopted by the 3rd JCC in January 2009. He also explained about following subjects;

- i) draft schedule of mid-term evaluation that will be conducted to review the achievement of first half of the Project by JICA headquarters and Myanmar side for consideration of later half of the Project, and
- ii) draft plan for preparation of interim report prior to the mid-term evaluation. The report will be prepared by MCFTF, partner and supporting agencies of the project with the supports of JICA Expert Team.

Then the coordinator of MCFTF invited comments on the draft of APO 2010 and then declared the adoption of APO 2010.

4.2 Draft Project Operation Manual, May 2010

In Draft Project Operation Manual, May 2010, two additional positions in organization of MCFTF, FD: i) position of Deputy Project Director for Deputy Director General of FD, ii) GIS team under HQ of MCFTF/FD was proposed. U Zaw Win, Project Manager, stated that FD could agree on

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adding Deputy Project Director under the MCFTE, but not on GIS team have to. Project Director explained the reason that all sections under FD have to engage in project activities, if in need.

4.3 Other Issues Discussed

Comment by MAS

MAS requested to prepare salinity density map as one of project activities because intrusion of saline water would make influence on the paddy area in the Project area. He mentioned the salinity degree of the blackish water in the area reaches more than 30% during dry season so that summer paddy plantation cannot be cultivated. U Win Naing, SO Laputta FD/MCFTE, also supported the necessity of the mapping. Chief Advisor made comment on the mapping that would not be appropriate as project activity because the subject is not related to the PDM of the Project. Project Director asked JICA Myanmar Office to consider the mapping of salinity line as a separate cooperation program in the future.

Comment by DOF

Representative from DOF presented comment on APO 2010 regarding fish cultures and responsibility of DOF on page No 10 of the Project Operation Manual, e.g. detailed fish culture plan of the Project should be prepared such as selection of culturing species, culturing methods, area, or security, etc. Chief Advisor explained the objective of the project operation manual and principle of the Project as confirmation of core-technology to be applied for CF activities.

Comment by PSD

U Win Hlaing, Director of PSD, mentioned about the recent decision made by Foreign Affairs Policy Committee (FAPC) related to visa and stay-permit of each expert. He explained that only three months visa and stay-permit was allowed initially according to the FAPC's decision. But the period of visa and stay-permit could be extended.

Also he asked expert team to submit request of invitation letter at least one month prior to his or her trip. Extension of stay permit should also be submitted to FD at least one month ahead of termination date when the expert is still working in Myanmar. He explained that it would not mean to disturb the project. He mentioned that the expert may share the information of the assignment schedule including activity plan with DG, FD for answering to the question by FAPC. U Maung Maung Than, JICA Myanmar Office, explained that the assignment schedule of the experts are prepared based on APO for supporting activities of the Project and it is unavoidable to make many short visits to Myanmar according to the need of these Project activities.

5. Closing Remarks

Chief Adviser thanked all participants for discussion in the meeting and fruitful achievements of the Project. He stated again that the Project could confirm various kinds of core technologies such as making land use plan, oyster culture trial, mangrove forestry technologies, etc. He also mentioned that continuation and extension of the confirmed technologies for development of sustainable CF activities model would be key point for later half of the Project.

Maung

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Project Director closed the meeting with the announcement that we adopted the APO 2010 and suggested to cooperate each other for making this APO to become a reality. He sincerely thanked to JICA and all members. In addition, he continued to point out the importance of JICA's support for improving livelihood of villagers in the delta area in the sector of education, health, etc.

Money

Meeting Minutes: Fourth JCC (August 2010)

- 5 -



Attachments

- Attachment-1 Agenda for the Fourth JCC Meeting
- Attachment-2 List of participants of the Fourth JCC Meeting
- Attachment-3 List of handouts distributed to the participants

*The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta*

Attachment 1 Agenda for the Fourth JCC Meeting

**Integrated Mangrove Rehabilitation and Management Project through community
Participation in the Ayeyawady Delta
4th Joint Coordinating Committee Meeting**

Meeting Objective

Through confirmation of the progress and achievements if fiscal year 2009 activities of the projects, to discuss and adopt the fiscal year 2010 Annual Plan of Operation and annual target of the project.

Venue

Meeting Room, Director General's Office, Forest Department, building no.39

Participants

Myanmar Side: DG of Forest Department as the Chairman, and members of the Joint Coordinating committee of the project

JICA Side: Officials from JICA (Myanmar), Chief Advisor of JICA Expert's Team and members

Date and Time

5th August 2010 (Thursday), 10:00- 12:00

Tentative Meeting Agenda

No.	Subject	Time	Remark
1.	Opening Speech	10:00- 10:05	DG of FD
2.	Opening Speech	10:05 -10:10	Representative, JICA Myanmar
3.	Progress achieved on decision of 3 rd JCCM & Presentation on reviewing of 2009 project activities	10:10- 10:30	Project Coordinator and Field Project Manager
4.	Presentation on Achievement of the Project in 2009, Annual Plan of Operation 2010 and other general information	10:30-10:50	Chief Advisor
5.	Discussion Session and adoption of annual plan of operation 2010 & Project Operation Manual	10:50-11:10	Chaired by DG , FD
6.	Closing Remark	11:50-11:55	Chief Advisor
7.	Closing Remark	11:55-12:00	DG of FD

Meeting Minutes: Fourth JCC (August 2010)

The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta

Attachment-2 List of participants of the FOURTH JCC Meeting

5. August 2010

No	Name	Occupation	Department/Services
Forest Department			
1	U Aye Myint Maung	Director General / Project Director, MCFTF	Ministry of Forestry
2	U Zaw Win (4)	Director, Planning and Statistic Division / Project Manager, MCFTF	Ministry of Forestry
3	U Win Naing	Director, Ayeyawady Division	Ministry of Forestry
4	U Maung Maung Than	Director, Training and Research Development Division	Ministry of Forestry
5	U Maung Maung Kyaw	Director, Natural Forest and Plantation Division	Ministry of Forestry
6	Daw Yi Yi Tint	Director, Finance Division	Ministry of Forestry
7	U Ohn Lwin	Deputy Director, FRI	Ministry of Forestry
8	U Bo Ni	Assistant Director, Planning and Statistics Division / Project Coordinator	Ministry of Forestry
9	U Khin Maung Lwin	Assistant Director, FD Myaung Mya District / Field Project Manager, MCFTF	Ministry of Forestry
10	U Kan Tun	Staff Officer, Bogalay Township / MCFTF	Ministry of Forestry
11	U Win Naing	Staff Officer Laputta Township / MCFTF	Ministry of Forestry
12	U Ngwe Thee	Staff Officer, Planning and Statistics Division	Ministry of Forestry
13	U Win Maung Aye	Range Officer, Pyar Pone Township FD / MCFTF	Ministry of Forestry
14	U Htay Aung	Range Officer, Planning and Statistics Division	Ministry of Forestry
Planning and Statistic Department			
15	U Win Hlaing	Director	Ministry of Forestry
Department of Fisheries			
16	U Tint Swe	Deputy Director	Ministry of Livestock and Fisheries
Myanma Agriculture Services			
17	U Myint Oo	Deputy General Manager	Ministry of Agriculture and Irrigation
18	Daw Jenny Lue	Manager	Ministry of Agriculture and Irrigation
Settlement and Land Record Department			
19	U Aung San Oo	Staff Officer	Ministry of Agriculture and Irrigation
JICA			
20	Mr. Hajime MATSUOKA	Representative	JICA Myanmar Office
21	U Maung Maung Than	Program Officer	JICA Myanmar Office
JICA Experts of the Project			
22	Mr. Shiro ARAI	Chief Advisor	JICA Expert
23	Mr. Tomohiro SHIBAYAMA	Training and Extension	JICA Expert

Meeting Minutes: Fourth JCC (August 2010)

*The Integrated Mangrove Rehabilitation and Management Project
through Community Participation in the Ayeyawady Delta*

Attachment-3 List of handouts distributed to the participants

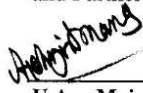
Title	Presenter
- Decision Made by 3 rd JCC Meeting and Progress Achieved	U Bo Ni, Coordinator, MCFTE, FD
- Reviewing the Fiscal Year 2009 Activities, 5 August 2010	U Khin Maung Lwin, FPM, MCFTE, FD
- Important Achievements FY2009 (Focal Points for consideration of APO FY2010 on Fourth Joint Coordinating Committee Meeting), July 2010 - Draft APO 2010 of the Project - Draft Project Operation Manual, May 2010	S. Arai, Chief Advisor for the Project

添付 3-6 AD hoc JCC 会議議事録

MINUTES OF MEETING
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE UNION OF
MYANMAR
ON
THE AD HOC JOINT COORDINATING COMMITTEE MEETING
OF
THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT
PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA

March 3, 2011
Nay Pyi Taw

On behalf of the Forest Department
and Partner Organizations


U Aye Myint Maung
Director General
Forest Department
Ministry of Forestry


Mr. Hideo Miyamoto
Chief Representative
Myanmar Office
Japan International Cooperation Agency


Mr. Shiro Arai
Chief Advisor, JICA Expert Team

THE AD HOC JOINT COORDINATING COMMITTEE MEETING

1. Introduction

The Ad Hoc Joint Coordinating Committee (JCC) meeting aiming at sharing progress of the Project FY2010-2011 and recommendations of Mid-Term Review was held on March 3, 2011 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from Forest Department (FD), Planning and Statistic Department (PSD) of Ministry of Forestry, Myanma Agriculture Services (MAS) and Department of Fishery (DOF) as the partner organizations, and Settlement and Land Record Department (SLRD) as the supporting agency, JICA Mid-Term Review Mission, JICA Myanmar Office and JICA Expert Team attended the meeting.

2. Opening Remarks

U Aye Myint Maung, Director General of FD, Project Director of the Project (Mangrove Community Forestry Task Force: MCFTF) and Chairman of the JCC, opened the meeting expressing his appreciation to all the participants, especially the mid-term review mission from Japan. He emphasized an importance of the Project in mangrove protection and requested cooperation of JICA and all stakeholders in the meeting.

Mr. Hideo Miyamoto, Chief Representative of JICA Myanmar Office, made the opening remark at the meeting. He thanked to the Project Director and all participants, and appreciated the coordination of FD for holding the JCC meeting. He briefed about the process of Mid-Term Review, which was conducted by the Joint Team between Myanmar and Japanese sides. He concluded his speech with his hope of further collaboration between FD and JICA.

3. Presentations

U Khin Maung Lwin, Field Project Manager, made a presentation about the progress of activities during the period (FY2010) according to the Outputs of the Project. As for the activities of current quarters (December 2010 – March 2011), he highlighted Mangrove Seminar in Nay Pyi Taw, Inauguration Ceremony of CFECN associated with Mangrove Seminar at Kwa Kwa Ka Lay (KKKL) CFECN, and Workshop on Oyster culture Trial in Yangon. Also he presented major issues of each output, such as the delay in implementing CF activities and developing draft technical guidelines, and shared lessons learnt.

Mr. Shuichi Ikeda, leader of Japanese Mid-term Review Team presented the recommendations of Joint Mid-Term Review. Major finding of the Joint Team was the excessive amount of recovery work after Cyclone Nargis (PDM1) and process of implementation not compatible to the Outputs. As for the recommendations, the

Joint Team, made some suggestions regarding Output 1. For example, the Project should conduct the trial activities for livelihood improvement such as charcoal production (from the Products of Natural Forest Improvement Operation- NFIO) and oysters market survey through coordination between FD and DoF. As for the management and system support of the FD for CF (Output 2), the Joint Team also suggested collaboration with CFDTC in designing training courses and developing materials. CF Task Force members were also requested to develop Standardized Operational Procedure (SOP) as it is indicated in PDM. As for Action Research Plantation (Output 3), a sample sheet of plot record was shared among participants for future record keeping and data collection. Moreover, with regard to Output 4, the Joint Team recommended to organize meetings and exchange information among relevant agencies and with other donors and NGOs in the Target Area.

The JICA Mid-Term Review Team also made following recommendations for the impact and sustainability:

1. Authorize the draft CF Standardized Operational Procedure (CFSOP)
2. Authorize the technical guidelines on mangrove plantation
3. Notify the above CFSOP and technical guidelines to Ayeyawady Division
4. Consider using the CFSOP and technical guidelines as education materials in training organizations such as CFDTC and university
5. Consider continuing the CF mangrove training courses developed by the Project in cooperation with CFDTC.
6. Monitor the ARP sites after the Project and fill out in the plot record (sample form was shared).

As for the financial aspect of sustainability, the Joint Team suggested FD to estimate the cost of monitoring and begin to secure such budget from FY 2011-2012 and onward.

In succeeding presentation, Mr. Tomohiro Shibayama, Deputy Chief Advisor, JICA expert team, made the presentation regarding further schedule and issues for FY2011 – 2012. Given the conclusions of Mid-Term Review, the project would scrutinize and finalize PDM Version 2, Plan of Operation (PO) Version 2, Detail Plan of Operation (DPO) and Annual Plan of Operation (APO) 2011, and receive approval in the next JCC meeting (to be held between April–June 2011). Key technical issues to be considered during the first half of FY2011-2012 were also presented. He requested FD’s cooperation on VISA/Stay Permit, and incremental explained about decrease of C/P Allowances.

4. Discussions

Comments from Dr. Nvi Nvi Kyaw, Forest Department Deputy Director General

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Dr. Nyi Nyi Kyaw, Deputy Director General first appreciated all presentations. He stressed the limitation of current CF Instructions (CFI) and lack of community's capacity in preparing CF Management Plan. Also he highlighted that it was important to demonstrate in nursery operations and other income generation activities, so that community could see the result and start CF activities. He agreed the importance of CF Certificate, and stressed the importance on collaboration between the Project and CFDTC and FRI. As for the management cost of FY2011-2012 and onward, he requested the project (JICA Expert Team) to support preparing the estimate cost, as FD was not fully aware to calculate the amount of recurring cost. Finally, as for the VISA and Stay Permit, he requested JICA Expert Team to submit necessary documents two months ahead to meet the existing procedures.

Questions from U Htun Win, Department of Fishery (DoF) Director

U Htun Win, Director of DoF, expressed his interest on continuing oyster culture production, but pointed out culturing time was as long as 1 to 1.5 years. He requested support in data collection, spat collection, and market survey.

Mr. Ikeda confirmed that oyster culture activity could be continued during the project period, and market survey could be conducted. Mr. Shibayama responded that since the purpose of project was for promotion of CF, oyster culture trial remained to be a small component of project activities, so the project focused the area of input.

Comments from U Win Hlaing, Planning and Statistic Department (PSD) Director

He quoted COMFORT Project and appreciated various training materials and public information materials produced during COMFORT Project. He added the official procedures of VISA and Stay permit took longer as there were several additional instructions by authorities concerned, and he requested understanding of JICA on this matter.

Comments from U Khin Maung Htay, Foreign Economic Relation Department (FERD) Deputy Director

As the representative of Foreign Economic Commission Member, he confirmed that there was no objection for the results of Mid-term Review, and no objection for the future plans presented by the Project.

5. Other Business

It was also confirmed at the meeting that the next JCC meeting (5th JCC meeting) would be held during the first quarter (April - June 2011) for finalization and approval of PDM Version 2, PO Version 2, DPO and APO 2011

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6. Closing Remarks

Director General thanked all participants for discussion in the meeting and fruitful discussions among stakeholders. He requested further collaboration and efforts among FD and JICA to make progress in this project.



Attachments

- Attachment-1 Agenda for the Ad Hoc JCC Meeting
- Attachment-2 List of participants of the Ad Hoc JCC Meeting
- Attachment-3 List of handouts distributed to the participants

Attachment 1: Agenda for Ad Hoc JCC

Joint Coordinating Committee Meeting (ad hoc: 3 March 2011)

1. Objective

- To confirm the progress of the Project for FY 2010-2011
- To confirm proposals and recommendations of Mid-term Review
- To confirm the further schedule for finalization of PDM/PO, DPO and APO2011
- To confirm other issues relevant to Project Activities

2. Venue

Conference Room of Forest Department, Ministry of Forestry, Nay Pyi Taw

3. Participants

Myanmar Side: Members of the Joint Coordinating Committee of the Project (FD, PSD, DoF, MAS, SLRD)

JICA Side: Officials from JICA Myanmar, members of JICA Mid-term Review Mission, experts of JICA Expert Team

4. Date and Time

3 March, 2011, 13:30-15:30

5. Agenda

No	Time	Subject	Person
1	13:30-13:35	Opening Remark 1	DG/ Project Director, FD
2	13:35-13:40	Opening Remark 2	Representative, JICA Myanmar Office
3	13:40-14:10	FY 2010 -2011 Progress of Project Activities	AD/ Field Project Manager, DD/ Project Coordinator, FD
4	14:10-14:40	Recommendations of Mid-term Review - draft PDM version 2	JICA Mid-term Review Mission
5	14:40-14:50	Further Schedule and Issues to be Discussed Schedule: - Finalization/ Approval of PDM / PO version 2 - Preparation of DPO and APO 2011 - Finalization/ Approval of DPO and APO 2011 in next JCC (May or June 2011) Technical and Administrative Issues:	Mr. Shibayama, Deputy Chief Advisor, JICA Expert Team
6	14:50-15:25	Discussions and Confirmation of Schedules/ Directions for Issues - Recommendations of Mid-Term Review - Further Schedule - Technical Issues - Administrative Issues	Chaired by Project Director
7	15:25-15:30	Closing Remark	DG/Project Director of FD

Attachment-2 List of participants of the Ad Hoc JCC Meeting

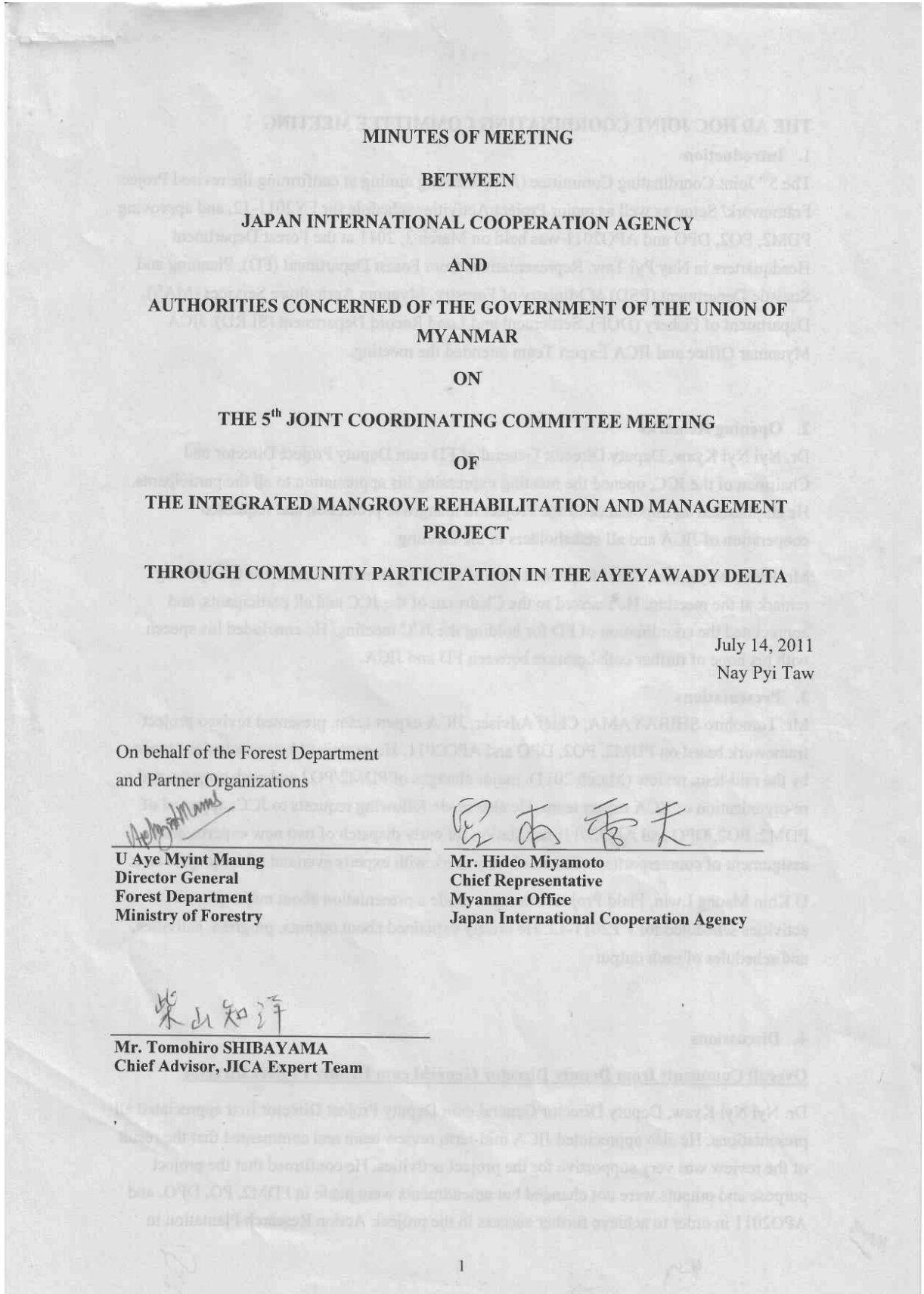
3 March, 2011

	Name	Position / Organization	Place
1	U Aye Myint Maung	Director General (FD) , MoF	Nay Pyi Taw (NPT)
2	Dr. Nyi Nyi Kyaw	Deputy Director General (FD) , MoF	NPT
3	U Zaw Win (4)	Director, Planning and Statistic Division (FD) , MoF	NPT
4	U Maung Maung Kyaw	Director, Natural Forest and Plantation Division (FD) , MoF	NPT
5	Daw Yi Yi Tint	Director, Finance Division (FD) , MoF	NPT
6	U Myint Ngwe	Director (FRI) , MoF	FRI, Yezin
7	U Maung Maung Than	Director, Training and Research Development Division (FD) , MoF	NPT
8	U Ohn Lwin	Deputy Director (FRI) , MoF	FRI
9	U Bo Ni	Deputy Director, Planning and Statistic Division (FD) , MoF	NPT
10	U Min Maw	Assistant Director, Planning and Statistic Division (FD) , MoF	NPT
11	U Khin Maung Lwin	Assistant Director (FD) , MoF	FD Myaung Mya District
12	U Win Myint	Assistant Director (FRI) , MoF	FRI
13	U Tual Cin Khai	Staff Officer, Planning and Statistic Division (FD) , MoF	NPT
14	U Htay Aung	Range Officer, Planning and Statistic Division (FD) , MoF	NPT
15	U Win Hlaing	Director, Planning and Statistics Department, MoF	NPT
16	U Htun Win	Director, Department of Fishery (DoF)	Yangon
17	U Saw Hlaing	Director, Settlement and Land Record Department (SLRD)	NPT
18	U San Tint	Deputy Senior Manager, Myanma Agriculture Service (MAS)	
19	U Khin Maung Htay	Deputy Director, Foreign Economic Relation Department (FERD)	NPT
20	Mr. Hideo Miyamoto	Chief Representative (JICA)	JICA Myanmar Office
21	Mr. Shuichi Ikeda	Deputy Director General, Global Environment Department (JICA)	JICA Mid-Term Review Mission
22	Mr. Hajime Matsuoka	Representative (JICA)	JICA Myanmar Office
23	Mr. Hiroyuki Hatori	Senior Advisor in Forest Environment (JICA)	JICA Mid-Term Review Mission
24	Mr. Kunio Shimizu	Policy Coordinator, Forestry Agency, Ministry of Agriculture, Forestry and Fisheries	JICA Mid-Term Review Mission
25	Ms. Naomi Matsue	Associate Expert, Global Environment Department (JICA)	JICA Mid-Term Review Mission
26	Ms. Yasuyo Hirouchi	Permanent Expert International Development Associates Ltd.	JICA Mid-Term Review Mission
27	U Maung Maung Than	Program Officer (JICA)	JICA Myanmar Office
28	Mr. Shiro Arai	Chief Advisor, JICA/FD Mangrove Project	JICA Expert
29	Mr. Tomohiro Shibayama	Deputy Chief Advisor, JICA/FD Mangrove Project	JICA Expert
30	Ms. Mana Tanaka	Training & Extension, JICA/FD Mangrove Project	JICA Expert
31	U Saw Win Kyaw	Technical Interpreter, JICA/FD Mangrove Project	JICA Expert Team Staff
32	U Aung Lwin	Technical Interpreter, JICA/FD Mangrove Project	JICA Expert Team Staff

Attachment-3 List of handouts distributed to the participants

Title	Presenter
Reviewing the fiscal year 2010 Activities	U Khin Maung Lwin, FPM, MCFTF, FD
Conclusion and Recommendations of the Joint Mid-Term Review	Mr. Shuichi Ikeda, Team Leader, JICA Mid-term Review Mission
Further Schedule and Issues for FY2011-2012	Mr. Tomohiro Shibayama, Deputy Chief Advisor, JICA Expert Team

添付 3-7 第 5 回 JCC 会議議事録



THE AD HOC JOINT COORDINATING COMMITTEE MEETING

1. Introduction

The 5th Joint Coordinating Committee (JCC) meeting aiming at confirming the revised Project Framework/ Setup as well as major Project Activities schedule for FY2011-12, and approving PDM2, PO2, DPO and APO2011 was held on March 3, 2011 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from Forest Department (FD), Planning and Statistic Department (PSD) of Ministry of Forestry, Myanmar Agriculture Services (MAS), Department of Fishery (DOF), Settlement and Land Record Department (SLRD), JICA Myanmar Office and JICA Expert Team attended the meeting.

2. Opening Remarks

Dr. Nyi Nyi Kyaw, Deputy Director General of FD cum Deputy Project Director and Chairman of the JCC, opened the meeting expressing his appreciation to all the participants. He emphasized an importance of the Project in mangrove protection and requested cooperation of JICA and all stakeholders in the meeting.

Mr. Hideo Miyamoto, Chief Representative of JICA Myanmar Office, made the opening remark at the meeting. He thanked to the Chairman of the JCC and all participants, and appreciated the coordination of FD for holding the JCC meeting. He concluded his speech with his hope of further collaboration between FD and JICA.

3. Presentations

Mr. Tomohiro SHIBAYAMA, Chief Adviser, JICA expert team, presented revised project framework based on PDM2, PO2, DPO and APO2011. He explained key conclusions made by the mid-term review (March 2011), major changes of PDM2/PO2 and each outputs, and re-organization of JICA expert team. He also made following requests to JCC; approval of PDM2, PO2, DPO and APO2011; facilitation for early dispatch of two new experts, and; assignment of counterpart(s) who can closely work with experts even out of the project area.

U Khin Maung Lwin, Field Project Manager, made a presentation about major project activities scheduled for FY2011-12. He briefly explained about outputs, progress, activities, and schedules of each output

4. Discussions

Overall Comments from Deputy Director General cum Deputy Project Director

Dr. Nyi Nyi Kyaw, Deputy Director General cum Deputy Project Director first appreciated all presentations. He also appreciated JICA mid-term review team and commented that the result of the review was very supportive for the project activities. He confirmed that the project purpose and outputs were not changed but amendments were made in PDM2, PO, DPO, and APO2011 in order to achieve further success in the project. Action Research Plantation in

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output 3 has useful results and he suggested established ARP sites shall be maintained as permanent plots for further extension and research purposes. He also suggested holding of JCC meeting two times a year and the best time are March and October. Regarding the request for FD counterpart by the JICA expert team, he explained about the Field Project Manager's presence in Myaung Mya, but he also agreed more closely collaboration between the expert team and counterpart(s) in a way such as assigning counterpart(s) at rotation base in Yangon and Myaung Mya.

Overall Comments from SLRD and DoF

U Saw Hlaing, Director, Settlement and Land Record Department agreed to have JCC meeting two times per year and realistic coordination mechanism such as meetings and participation of local authorities.

U Min Naung, District Officer, Department of Fishery, Myaung Mya District, gave same suggestions with U Saw Hlaing.

PDM, PO related Comments

U Bo Ni, Deputy Director cum Project Coordinator, suggested that replacement of overall person in charge for the output 1 to Project Manager instead of Project Coordinator in PO2, DPO and APO2011 is more pragmatic from project management point of view.

U Kyaw Yee, General Manager of MAS, commented that i) project documents are a bible to any project, ii) if weak points arise, such shall be modified, iii) change of project documents is necessary and good practice, and iv) importance of recording everything in documents. He also said that MAS is one of the JCC members and partner organization of the Project. Therefore, headquarters as well as regional/ township level offices are willing to coordinate and assist the project.

Output 2 (training and CF-SOP) related Questions

U Maung Maung Than, Director, Training and Research Development Division, FD asked about details of training and CF-SOP considered as Output 2 of the Project. He requested plan of operation at least one month ahead for necessary arrangements. He commented that Community Forestry has regional differences and CF-SOP may also vary by the situation of regional administration and social conditions. He also raised that CFDTTC and his division do not have much training experience in mangrove areas.

Mr. Shibayama replied that details of training and SOP preparation is expected to be determined at forthcoming CF-SOP residential meeting scheduled in end of July. He also explained that overall schedule for the related project activities is already described in APO2011.

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Administrative Issues Related Comments

In relation to Mr. Shibayama's presentation, U Win Hlaing, Director, Planning and Statistics Department, explained about the official procedures for new expert approval and visa application which now has several additional instructions by authorities concerned, and he requested understanding of JICA side on this matter. He also added that multiple re-entry visa is getting difficult to obtain since experts are not full time stationed experts like other previous JICA projects.

He also explained that progress of the project is required to be submitted regularly to the Ministry, and requested timely report from the project. In relation to the project progress, he raised an issue that though already two-third of physical progress has completed, only half of allocated budget for the project has been consumed. He requested the fully utilization of the financial input throughout the project period and asking the reasons of the reduction of ARP from the original 400 acres to 75 acres..

In addition he commented JCC to be organized twice a year and preparation of project brochure or newsletters like COMFORT project will help JCC members to be better understand and clear vision about the project activities.

Mr. Shibayama answered about the reduction of ARP area for this fiscal year as follows. FD originally proposed 400 acres as the target. However, in consideration of expected outcomes for Output 3 and remaining project year, even if we implement new 400 acres this year, there is not much of time for monitoring and reflect the results of this year's ARP into technical guideline/ report. Instead, JICA expert team suggested emphasizing monitoring of already established ARP sites up to FY2010, and minimizing new ARP activities. Also for the remaining project period, it is important that project stakeholders to work for consolidation of gained experience and knowledge for ARP. Also Mr. Shibayama answered that in current PO, preparation of annual report for submission to JCC is determined thus such report will more help to serve as information for reporting of project progress to the Ministry.

Dr. Nyi Nyi Kyaw, Deputy Director General cum Deputy Project Director, commented that ARP shall be systematically conducted. Also he also mentioned that as Mr. Shibayama has pointed out, just plantation of 400 acres is not difficult task but as a research, 400 acres is too much to implement and manage.

Output 1 (CF) and Output 3 (ARP) related Comments

U Ohn Lwin, Deputy Director, FRI, commented that FD needs to maintain ARP sites and it is now a time to start considering about continuation/ maintenance of ARP even after the project. In this connection, he said that FRI has capacity to support and continue the achievements. Also he commented that CFUSG status after the project intervention needs to be monitored.

U Khin Maung Lwin, Assistant Director, Field Project Manager, replied this issue. In field level, organizations of CF USG are too difficult. In some case, most of activities are

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U Win Hlaing

implemented by FD. In these situations, FD faced problem to follow all activities like monitoring, data collection, etc.

Dr. Nyi Nyi Kyaw, Deputy Director General cum Deputy Project Director, added about CF issues as follows:

- Community Forestry Instruction (CFI) issued in 1995 intended to manage degraded forest areas, however since then, there are many success and failure related to CF.
- Communities need to make effort themselves but CF and CF areas can be used for not only for forestry but also for fishery and agriculture
- Though 6 project target villages are within reserved forest area, if planting trees all over the area, CF user groups will not be satisfied. CF area shall be in an integrated approach and shall not consider only about planting trees in such area

Mr. Shibayama, Chief Adviser of JICA expert team, commented that as an integrated approach, the project was promoting so-called “CF village concept” until recently. However, during the mid-term evaluation it was confirmed by the project stakeholders that certifying agricultural and other non-forestry use land is physically difficult under current CFI, thus PDM2 considered CF area as area certifiable as per current CFI. He mentioned that project still pursue for the integrated approach for CF like formerly CF village concept. He questioned what will be realistic extent of area which can be certified as CF under current institutional framework.

U Zaw Win (4), Director cum Project Manager, FD said that under the current CFI, “agroforestry” can be applied as certifiable CF activities and, thus in project target village, such activities and land for such activities can be considered as CF. He added that further discussions shall be continued for application of this issue in the project. Also he mentioned that FD is now considering amendment of CFI.

5. Decision Made

By all participants, PDM Version 2, PO Version 2, DPO and APO 2011 were confirmed and approved. (Approved contents are described in Attachment 4)

6. Closing Remarks

Dr. Nyi Nyi Kyaw, Deputy Director General cum Deputy Project Director thanked all participants for discussion in the meeting and fruitful discussions among stakeholders. He emphasized that the approved PDM2 and PO shall be put into practice. He requested further collaboration and efforts among FD and JICA to make progress in this project.

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Attachments

- Attachment-1 Agenda for 5th JCC Meeting
- Attachment-2 List of participants of 5th JCC Meeting
- Attachment-3 List of handouts distributed to the participants
- Attachment-4 Approved PDM2, PO2, DPO, and APO2011

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Attachment 1: Agenda for 5th JCC Meeting

"Integrated Mangrove Rehabilitation and Management Project through Community Participation in Ayeyarwady Delta"

5th Joint Coordinating Committee Meeting

Meeting Agenda

Venue Meeting Room, Forest Department Head Office, Nay Pyi Taw
 Date July 14, 2011(Thursday)
 Time 9:30 to 11:30 am

No	Time	Subject	Person
1	9:30 -9:35 am	Opening remark 1	Dr.Nyi Nyi Kyaw Deputy Director General Forest Department
2	9:35- 9:40 am	Opening remark 2	Mr. Hideo MIYAMOTO Chief Representative JICA Myanmar Office
3	9:40-10:10 am	-Revised project framework based on PDM2, PO2, DPO2 and APO2011. -New JICA Expert Team Setup	Mr. Tomohiro SHIBAYAMA Chief Adviser, JICA Expert Team
4	10:10-10:40 am	Major project activities scheduled for FY2011-12	U Khin Maung Lwin Field Project Manager
5	10:40-11:25 am	Discussion and confirmation of schedules/ directions for issues	Chaired by Deputy Project Director
6	11:25-11:30 am	Closing remark	Dr. Nyi Nyi Kyaw Deputy Director General Forest Department

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Attachment-2 List of participants of the 5th JCC Meeting

14 July, 2011

	Name	Position / Organization	Place
1	Dr. Nyi Nyi Kyaw	Deputy Director General, Forest Department (FD) , MoF	NPT
2	U Zaw Win (4)	Director, Planning and Statistic Division (FD) , MoF	NPT
3	U Maung Maung Kyaw	Director, Natural Forest and Plantation Division (FD) , MoF	NPT
4	Daw Yi Yi Tint	Director, Finance Division (FD) , MoF	NPT
5	U Maung Maung Than	Director, Training and Research Development Division (FD) , MoF	NPT
6	U Win Hlaing	Director, Planning and Statistics Department, MoF	NPT
7	U Saw Hlaing	Director, Settlement and Land Record Department (SLRD)	NPT
8	U Kyaw Yee	General Manager, Myanmar Agriculture Service (MAS), MOAI	NPT
9	U Ohn Lwin	Deputy Director (FRI) , MoF	FRI
10	U Bo Ni	Deputy Director, Planning and Statistic Division (FD) , MoF	NPT
11	U Min Maw	Assistant Director, Planning and Statistic Division (FD) , MoF	NPT
12	U Khin Maung Lwin	Assistant Director (FD) , MoF	Myaung Mya District
13	U Min Naung	District Officer, DOF	Myaung Mya District
14	U Tual Cin Khai	Staff Officer, Planning and Statistic Division (FD) , MoF	NPT
15	Mr. Hideo Miyamoto	Chief Representative (JICA)	JICA Myanmar Office
16	Mr. Hajime Matsuoka	Representative (JICA)	JICA Myanmar Office
17	U Kyaw Zaw Aung	Program Assistant (JICA)	JICA Myanmar Office
18	Mr. Tomohiro Shibayama	Chief Advisor, JICA/FD Mangrove Project	JICA Expert
19	U Htein Lin	Technical Coordinator, JICA/FD Mangrove Project	JICA Expert Team Staff
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Attachment-3 List of handouts distributed to the participants

Title	Presenter
Reviewing Project Framework based on PDM2, PO2, DPO, and APO2011	Mr. Tomohiro Shibayama, Chief Adviser, JICA Expert Team
Major Project Activities scheduled for FY2011-12 PDM2, PO2, DPO, and APO2011	U Khin Maung Lwin, FPM, MCFTF, FD

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PDM 2

1. Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta PDM version: 2
 2. Project Duration: April 2007-March 2013 Date of approval: 14 July, 2011
 3. Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta
 4. Beneficiaries: Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta & Member of Community Forestry Task Force (MCFTC) and other relevant staff from the Forest Department

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta	a. Mangrove forest coverage increases by X acres (Y ha) (*1) in the Target Area of the current Project. (i.e 4 RFs) within three years after the completion of the Project b. Income levels of communities in the Target Area is improved than that of 2004	a. Forests resource assessment by FD (remote sensing) b. Agricultural Census report	
Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta.	a. By the Project end, mangrove forest coverage is increased by X acres (Y ha) (*2) in the selected areas where project were implemented (i.e. CF plantation, CF-Natural Forest Improvement Operation (NFIO), and ARP sites) from the base year 2009. b. At the end of the Project, among the registered members of all the target CF user groups (CFUSGs) reselected in 2011 more than 80% consider CF useful	a. Project reports b. Results from the CF Impact survey	1 Favourable markets exist for CF products. 2 FD's policy on the management of the four reserved forests does not change significantly. 3 Sufficient financial and other resources are allocated for the sustainable management of mangrove forests.
Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF). 2. The management and the support system of the Forest Department (FD) for CF is effective. 3. Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. 4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. X (Additional Output after the Cyclone Nargis in May 2008) Recovery from damage of Cyclone Nargis is promoted.	1a By September 2011, all the CF Management Plans of the CFUSGs, reselected in March 2011, are developed/updated 1b By the end of the Project, organizational capacity of the Management Committees (MCs) of all the target CFUSGs, reselected in 2011, reaches the Xth level of the Y evaluation rating set by the Project 1c The certified CF Management Plans (i.e. CF plantation and NFIO) of all the target CFUSGs reselected in 2011 are implemented according their annual plans 1d By the Project end, more than -X acres (Y ha) (*3) of mangrove forests are rehabilitated and managed by the CFUSGs reselected in 2011 based on the certified CF Management Plans, including CF plantation and NFIO when applicable 1e By the Project end, all the CFUSGs reselected in 2011 start to gain profit from CF activities determined in the certified CF Management Plans and/or income generation activities supported by the Project. 2a By the end of the Project, capacity of X % of technical members of CF Task Force, engaged in the Project more than two years reaches the Yth level of the Z evaluation rating set by the Project for each level on CF management and extension/support on average 2b On average, more than 80% of all registered members of the CFUSGs reselected in 2011 give the highest or medium rate on three-level rating about "degree of understanding", "degree of applicability", and "degree of satisfaction" of the CF extension they received. 2c By the Project end, a training program for CF for mangrove forest, including materials, is developed based on the existing ones for confirmation by the DG for further action. (in English & Myanmar) 2d By the Project end, Standardized Operational Procedures (SOP) for CF for mangrove forest is developed based on the existing SOP of the FD (i.e. Departmental Instructions and CFI) for confirmation by the DG for further action (in English & Myanmar) 3a By the Project end, a technical report on Action Research (AR) for mangrove are prepared (in English and Myanmar) 3b By the Project end, technical guidelines for field-level FD staff on rehabilitation and management of mangrove forests, which are developed based on AR findings, are published (in English and Myanmar) 4a By December 2011, an inter-agency coordination meeting is organized by the FD 4b Land use information of the Target Area is updated based on the satellite images of 2007, 2009 and 2012. 4c The updated land use information is shared at the inter-agency coordination meetings for discussion. 4d Seminars to promote synergy among the relevant sectors are organized annually 4e A donor/NGO coordination meeting for the Target Area organized by the FD once a year Xa By March 2009, a hazard map of the Target Area is developed based on the latest satellite images (2009) for distribution to the local communities Xb By March 2010, a report on damage & recovery survey on the communities in the Target Area is prepared Xc By March 2010, Centre for CF Extension & Nursery in each RF is rehabilitated. Xd In 2009 & 2010, materials necessary for disaster recovery or prevention work are provided to the FD and the Cooperating Agencies based on the needs Xe By December 2011, a report on recovery condition of mangrove vegetation (2008-2010) is prepared	1a: CF Management Plans, 1b-1e: Monitoring project report 2a-2d: Project reports 3a-3b: Project reports 4a: Meeting records 4b: Land use maps 4c: Meeting records 4d: Project reports 4e: Meeting records Xa: Hazard map, Xb-e: project reports	1 No drastic increase in the population within the four reserved forests. 2 External pressure to convert the mangrove forests to other land uses does not increase.

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PDM 2

<p>Activities:</p> <p>1-1 Select villages to introduce CF from the ones that express interest.</p> <p>1-2 Conduct baseline survey on the basic socio-economic conditions of the selected villages.</p> <p>1-3 Organize/reorganize CFUSGs in the selected villages</p> <p>1-4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process</p> <p>1-5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)</p> <p>1-6 Assist the CFUSGs in implementing the certified CF Management Plans</p> <p>1-7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.</p> <p>1-8 Monitor and evaluate the implementation of the certified CF Management Plans</p> <p>1-9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs.</p> <p>2-1 Identify necessary activities for CF management (*4) and CF extension & support(*5) by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP).</p> <p>2-2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF)*6) for the identified activities</p> <p>2-3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities</p> <p>2-4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.</p> <p>2-5 Train the technical MCFTF according to the plan</p> <p>2-6 Construct/renovate the CF Extension Center & Nursery in each RF</p> <p>2-7 Provide extension services and support to the CFUSGs in each RF</p> <p>2-8 Carry out public awareness campaigns regarding CF and the conservation of mangrove forests</p> <p>2-9 Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities</p> <p>3-1 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta</p> <p>3-2 Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management).</p> <p>3-3 Execute the AR in each RF</p> <p>3-4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)</p> <p>3-5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar</p> <p>3-6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR</p> <p>4-1 Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta.</p> <p>4-2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.</p> <p>4-3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta.</p> <p>4-4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level</p> <p>X-1 Prepare a hazard map based on analysis of damage of the cyclone Nargis</p> <p>X-2 Conduct quick damage & recovery survey in the Target Area</p> <p>X-3 Conduct village profile survey in the Target Area</p> <p>X-4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area.</p> <p>X-5 Rehabilitate the CF Extension Center and Nursery in each RF including facility with cyclone-proof structure</p> <p>X-6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply</p> <p>X-7 Conduct public awareness activities on disaster prevention in the Target Area</p> <p>X-8 Arrange necessary coordination among donors in the integrated mangrove management</p>	<p>Inputs</p> <p><Myanmar Side> Personnel (Members of CF Task Force: MCFTF)</p> <ol style="list-style-type: none"> 1. Project Director 2. Project Manager 3. Project Coordinator 4. Field Project Manager 5. Other MCFTF 6. Other personnel mutually agreed upon as necessary <p>Land, Building and Facilities</p> <ol style="list-style-type: none"> 1. Office building and facilities necessary for the implementation of the Project 2. Office space and necessary facilities for the Japanese experts and related staff members 3. Land for the action research 4. Jetty and space necessary for storage of boats and vehicles 5. Other facilities mutually agreed upon as necessary <p>Local Operational Costs Minimum of US\$100,000 equivalent in 5 years</p> <p><Japanese Side> Personnel</p> <ol style="list-style-type: none"> 1. Chief Advisor 2. Participatory community development 3. Mangrove forestry 4. Coordinator 5. Other experts in specific fields (e.g. Extension, GIS, Agro-forestry, Fish culture, Forestry Value-added Production, Marketing and Distribution) upon mutual agreement <p>Machinery and Equipment</p> <ol style="list-style-type: none"> 1. Boat(s) 2. Vehicle(s) 3. Other equipment would be provided if necessary upon mutual agreement. <p>Training in Japan</p> <p>Local Costs</p>	<p>1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunamis, floods, pests, diseases).</p> <p>2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests</p> <p>Pre-Conditions</p> <p>1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunamis, floods, pests, diseases).</p> <p>2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests</p>
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(*1)As-yet unspecified planned value such as X, Y, Z, will be specified by March 2012. (*1): The figure would be further reviewed and finalized in developing the post-project strategy. (*2): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011 and Action Research as well as the area rehabilitated during 2009-2010 by the CFUSGs which were not reselected. (*3): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011. (*4): "CF management" by FD is defined as planning, supervision, monitoring and evaluation, and data organization and analysis of the activities related to CF. "CF support" consists of extension service and extension support to CF. (*5): "CF extension services" may include organization of the CFUSGs, strengthening of the organizational/management capacity of CFUSGs, provision of technical support for preparation and implementation of the CF Management Plans and income generation activities of CFUSGs, etc. "CF extension support" is defined as material support to CFUSGs, which include provision of seedlings for CF plantation delineated in the CF Management Plans, making the facilities of the CF Extension and Nursery available to the CFUSG

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14 July, 2011

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar	
		Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr					
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).																		
		Cyclone Harga												Project Manager (PM)		JE Chief Advisor (CA)		
1.1	Select villages to introduce CF from the ones that express interest	Villages selected for CF by the project (list of selected villages)												Field Project Manager (FPM)	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD (participatory community development), CA		
1.1.1	Confirm interest and willingness of villages and select villages for the Project	Villagers' consent (memo of meeting)												ditto	ditto	ditto		
1.1.2	Reconfirm interest and willingness of selected villages	Result of reconfirmation at 12 villages, villagers' consent at 6 villages (memo of meeting)												ditto	ditto	ditto		
1.1.3	Re-select villages to be covered in the Project	6 villages re-selected for the project												FPM	SOs (LPT, BGL, PYP)	ditto		
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Results of survey to contribute to monitoring progress/ impact of Project (Compiled result of survey)												FPM	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Compiled result of survey												ditto	ditto	ditto		
1.2.2	Review basic socio-economic conditions of re-selected villages	Reviewed socio-economic conditions of 6 villages re-selected. (prepared records / reports)												ditto	ditto	ditto		
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)	Compiled result of survey												FPM	ditto	ditto		
1.3	Organize/reorganize CFUSGs in the selected villages	Functional CFUSGs organized/reorganized (Existence of CFUSG/ MC member lists and bylaws)												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.3.1	Elect Management Committee (MC)	6 MCs elected												ditto	ditto	ditto		
1.3.2	Register members	Members of 6 CFUSGs registered												ditto	ditto	ditto		
1.3.3	Develop by-laws	By-laws developed by 6 CFUSGs												ditto	ditto	ditto		
1.3.4	Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	MC elected, members registered and by-laws developed to 6 CFUSGs												SOs (LPT, BGL, PYP)	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	ditto		
1.4	Assist the CFUSGs in preparing/ updating their CF Management Plans and proposals for CF certificates through participatory planning process	CF MPs which enable sustainable CF activities to be prepared in selected villages												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, Project Staff		
1.4.1	Review the Management Plan (MP) developed by the Project and make necessary updates	4 CFMPs reviewed and updated												ditto	ditto	JE: PCD, GIS, MF (mangrove forestry)		
1.4.2	Update the pre-existing MP	2 CFMP updated												ditto	ditto	JE: PCD, GIS, MF		
1.5	Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	6 CFUSGs issued/ re-issued CF certificates												Director of AYW	FPM	JE: CA, C (Coordinator)		CFUSGs at Pymaw RE
1.6	Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, MA (marketing)		
1.6.1	Prepare assisting plan for implementation of CF activities by CFUSG	prepared plan												ditto	ditto	JE: PCD, MF, MA, CA		
1.6.2	Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)												ditto	ditto	JE: PCD, MF, MA,		
1.6.3	Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)												ditto	ditto	ditto		
1.7	Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Incomes/ profit gained in CFUSG from implementation of capacity strengthening programs												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, FC (fish culture) and MA (material cost/ operation cost for implementation of programs)	MAS, DoF, SLRD	
1.7.1	Design the programs based on needs	Prepared implementation programs												ditto	ditto	ditto		
1.7.2	Review and update the programs	Revised programs												ditto	ditto	ditto		
1.7.3	Assist the CFUSGs I	Incomes/ profit gained from implemented programs (implementation records)												ditto	ditto	JE: PCD, MF, FC, MA, CA		
1.7.4	Assist the CFUSGs II	ditto												ditto	ditto	ditto		
1.7.5	Assist non-CF target villages already with Project intervention (2 in total)	Incomes/ profit gained from implemented programs (implementation records)												ditto	ditto	ditto		

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		MF	Y	MF	Y	MF	Y	MF	Y	MF	Y	MF	Y						
2.9	Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities														PC	FHM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, TP, PCT, MF, AP, FC LC: preparation cost for SOP		
2.9.1	Develop an initial draft																		
2.9.2	Finalize the draft																		
a)	Based on comments and feedbacks, finalize draft SOP																		
b)	Get approval of finalized SOP by FD-DG																		
Output 3: Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.																			
3.1	Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the socio-geographical / management zones in the Ayeyawady Delta															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC	In the FY2007 conduct surveys to determine over all test designs for ARP
3.2	Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planting designs and methods, thinning, pruning, forest management)															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF	
3.2.1	Prepare the specific designs																		
3.2.2	Prepare an annual execution plan																		
3.3	Execute the AR in each RF															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: material and operation cost for AR activities	
3.3.1	Implement activities in accordance with annual execution plan																		
3.3.2	Prepare and install ARP signboards																		
3.4	Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: labour cost for monitoring	Major monitoring activities are limited only when presence of JE
3.5	Prepare a technical report on action research (AR) for mangrove in English and Myanmar															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: preparation cost for technical reports	
3.5.1	Develop an initial draft																		
3.5.2	Finalize the draft																		
3.6	Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: preparation cost for technical guideline	
3.6.1	Develop a preliminary draft																		
3.6.2	Develop an initial draft																		
3.6.3	Finalize the draft																		
Output 4: A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta.																			
4.1	Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta															AYW Director	FC, FPM	JE, CA, C LC: meeting organizing cost	Aimed to be held concurrently with mangrove seminar as such as possible
4.2	Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion															PC	SO + ROs (GIS Section), FPM	JE, GIS	
4.3	Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta															FPM, PC	FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, CA, C/PCD, MF, TE, GIS, FC LC: Seminar organizing	
4.4	Organize a coordination meeting with donors/NGOs active in the Target Area at District Level															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRD Forester	JE, CA, C LC: meeting organizing cost	

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Activity as per PDM2	Expected Results During Project Period	Schedule																								Person in charge	Implementers	Other Major Inputs		Remarks
		2007		2008		2009		2010		2011		2012		Japanse	Myanmar															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			Nov	Dec	
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).																										Project Manager (PM)		JE: Chief Advisor (CA)		
1.1	Select villages to introduce CF from the ones that express interest	<div style="display: flex; justify-content: space-between;"> Existence of village Before March March I March II </div>																								Field Project Manager (FPM)	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD (participatory community development), CA		
1.1.1	Confirm interest and willingness of villages and select villages for the Project	ditto																								ditto	ditto	ditto		
1.1.2	Reconfirm interest and willingness of selected villages	ditto																								ditto	ditto	ditto		
1.1.3	Re-select villages to be covered in the Project	ditto																								FPM	SOs (LPT, BGL, PYP)	ditto		
a	List up villages re-selected to be covered in the Project	ditto																								ditto	ditto	ditto		
b	Get approval of re-selected villages at JCC	ditto																								ditto	ditto	ditto		
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	<div style="display: flex; justify-content: space-between;"> Before March </div>																								FPM	RUs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: P, D, project staff LC: Baseline and market survey (Contract work)		
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages	ditto																								ditto	ditto	ditto		
1.2.2	Review basic socio-economic conditions of re-selected villages	ditto																								ditto	ditto	ditto		
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)	ditto																								FPM	ditto	ditto		
1.3	Organize/reorganize CFUSGs in the selected villages	<div style="display: flex; justify-content: space-between;"> Before March March I March II </div>																								FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.3.1	Elect Management Committee (MC)	ditto																								ditto	ditto	ditto		
1.3.2	Register members	ditto																								ditto	ditto	ditto		
1.3.3	Develop by-laws	ditto																								ditto	ditto	ditto		
1.3.4	Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	ditto																								SOs (LPT, BGL, PYP)	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	ditto		
a	Reconfirm status of MC and its members and reorganize MC	ditto																								ditto	ditto	ditto		
b	Reconfirm status of CFUSG members and prepare updated member list	ditto																								ditto	ditto	ditto		
c	Organize meetings with CFUSG for formulation of by-law	ditto																								ditto	ditto	ditto		
d	Formulate by-law	ditto																								ditto	ditto	ditto		
e	Incorporate MC member list, CFUSG member list and by-law into CF proposal	ditto																								ditto	ditto	ditto		
1.4	Assist the CFUSGs in preparing/ updating their CF Management Plans and proposals for CF certificates through participatory planning process	<div style="display: flex; justify-content: space-between;"> Before March </div>																								FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, Project Staff LC: operation cost		
1.4.1	Review the Management Plan (MP) developed by the Project and make necessary updates	ditto																								ditto	ditto	ditto	Same activities as 1.4.2	
1.4.2	Update the present MP	ditto																								ditto	ditto	ditto	CFUSGs at Pyinlan RF	
a	Reconfirm/ re-delimit CF area boundary with CFUSG members and relevant stakeholders	ditto																								ditto	ditto	ditto		
b	Reconfirm and reformulate CF activities to be covered by CFUSG	ditto																								ditto	ditto	ditto		
c	Update content of CF MP	ditto																								ditto	ditto	ditto		
d	Update CF management maps	ditto																								ditto	ditto + SO (GIS Section)	ditto		
e	Township PD office and CFUSG MC members to confirm and share content of CF proposal (MP and map)	ditto																								ditto	ditto	ditto		
f	CFUSGs to submit updated CF proposal to township PD	ditto																								ditto	ditto	ditto		
1.5	Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	ditto																								Director of AYW	FPM	JE: CA, C (Coordinator)		
1.5.1	Prepare evaluation criteria for issuing CF certificate	ditto																								ditto	ditto	ditto		
1.5.2	Issue certificates for CFUSGs with MP developed by Project	ditto																								ditto	ditto	ditto	Same activities as 1.5.3	
1.5.3	Re-issue certificates for CFUSGs with updated MP	ditto																								ditto	ditto	ditto	CFUSGs at Pyinlan RF	

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Activities as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementors	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		Apr	May	Apr	May	Apr	May	Apr	May	Apr	May	Apr	May						
a District FD office to submit updated CF proposals received from township offices to regional FD office	Submission letters															ditto	ditto	JE: CA, C	
b District FD office to receive CF certificates from Regional FD office	Issued CF certificates															ditto	ditto	JE: CA, C	
c Conduct CF certification ceremony cum CF/Mangrove public awareness activity at CF target villages	Ceremony records															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRs, Forester (KDK, KKK, PND, PNL)	JE: C, CA	
1.6 Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)															FPM	SOs (LPT, BGL, PYP), ROs, DRs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, MA (marketing)	
1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG	Prepared plan															ditto	ditto	JE: PCD, MF, MA, CA	
1.6.2 Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)															ditto	ditto	JE: PCD, MF, MA	Same activities as 1.6.3
1.6.3 Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)															ditto	ditto	ditto	
a Provide necessary amount and type of seedlings to CFUSG as per CF MP	Seedling distributed as per request in CF MP (seedling distribution records)															ditto	ditto	ditto	
b Provide necessary technical guidance to CFUSG for implementation of CF activities	Prepared records															ditto	ditto	ditto	
c Provide necessary support to CFUSG for monitoring of CF activities	Prepared records															ditto	ditto	ditto	
d Provide necessary information/ support to CFUSG related to production, harvesting and selling of CF products	Knowledge about production, harvesting, selling of CF products increases (prepared records, statistical materials)															ditto	ditto	ditto	
e Support harvesting and selling of CF products (sales voucher, removal pass, etc.), if applicable	Implementation of harvesting and selling (prepared records, sales/ removal records)															ditto	ditto	ditto	
1.7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Income/ profit gained to CFUSG from implementation of capacity strengthening programs															FPM	SOs (LPT, BGL, PYP), ROs, DRs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, FC (fish culture) and MA (C. material cost/ operation cost for implementation of programs)	MAS, DOF, SLRT
1.7.1 Design the programs based on needs	Prepared implementation programs															ditto	ditto	ditto	
1.7.2 Review and update the programs	Revised programs															ditto	ditto	JE: PCD, MF, FC, MA, CA	
a Revise implementation plan of capacity strengthening programs by CFUSG	Prepared plan															ditto	ditto	JE: PCD, MF, FC, MA	
b Prepare assisting plan for implementation of capacity strengthening programs by CFUSG	Prepared plan															ditto	ditto	ditto	
1.7.3 Assist the CFUSGs I	Income/ profit gained from implemented programs (implementation records)															ditto	ditto	ditto	Same activities as 1.7.4
1.7.4 Assist the CFUSGs II	ditto															ditto	ditto	ditto	
a Formulation/ activation of subgroups	Subgroup member list, by-law															ditto	ditto	ditto	
b Agroforestry	Knowledge/ production/ profit gained															ditto	ditto	ditto	MAS
c Fish culture	Knowledge/ production/ profit gained															ditto	ditto	ditto	DOF
d Fast growing & value added wood production	Knowledge/ production/ profit gained															ditto	ditto	ditto	
e Harvesting of products	Knowledge/ production/ profit gained															ditto	ditto	ditto	
f Trading and selling of products	Knowledge/ production/ profit gained															ditto	ditto	ditto	
1.7.5 Assist non-CF target villages already with Project intervention (2 in total)	Income/ profit gained from implemented programs (implementation records)															ditto	ditto	JE: FC	
a Formulation/ activation of subgroups	Subgroup member list, by-law															ditto	ditto	ditto	
b Fish culture	Knowledge/ production/ profit gained															ditto	ditto	ditto	DOF
1.8 Monitor and evaluate the implementation of the certified CF Management Plans	Implementation in accordance with CF MP (Monitoring Records/ reports)															FPM	SOs (LPT, BGL, PYP), ROs, DRs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF	

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementors	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		Apr	Jul	Jan	Apr	Jan	Apr	Jan	Apr	Jan	Apr	Jan	Apr						
4.1.3 Consolidate and share meeting records among participants/ project stakeholders	Prepared letters, comments														ditto	ditto	ditto		
4.2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.	Updated land use map and data to be utilized at coordination meeting and various project activities														PC	SO + ROs (GIS Section), FPM	JE: GIS		
4.2.1 Procure the satellite images	Procured satellite images for 2007, 2009, 2012														ditto	ditto	ditto		
4.2.2 Develop/update the land use map based on analysis of the images	Prepared land use map and data														ditto	ditto	ditto		
4.2.3 Confirm CF/ ARP area boundaries and integrate in land use map	Prepared land use map and data														FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRO, Forester	JE: GIS, MF, CA		
4.3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta	Project achievements to be shared among relevant sectors (prepared agenda of seminars, memos of seminars)														PM, PC	FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE: CA, C (PCD, MF, TE, GIS, FC) LC: Seminar organizing cost		
4.3.1 Prepare annual implementation plans	Prepared plans														ditto	FPM	ditto		
4.3.2 Organize seminars annually	Prepared agenda, memos, records														ditto	FPM, SO	ditto		
4.3.3 Organize project final seminar	Prepared agenda, memos, records														PM	PC, FPM, SO	ditto		
4.4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level	Interventions in Reserved Forest area to be shared and discussed among participants (prepared meeting agenda, records/ minutes)														FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) DRO, Forester	JE: CA, C LC: meeting organizing cost		
4.4.1 Prepare list of donors/NGOs active in the target area	List of donors/NGOs														ditto	SO, RO	ditto		
4.4.2 Hold coordination meeting at district level	Prepared meeting agenda, records/ minutes														ditto	SO, RO, DRO	ditto		
4.4.3 Consolidate and share meeting records among participants/ project stakeholders	Prepared meeting records/ minutes														ditto	SO, RO	ditto		
Output X: Recovery from Cyclone Nargis is promoted (Additional Output after Cyclone Nargis in May 2008)																			
X.1 Prepare a hazard map based on analysis of damage of the cyclone Nargis	Prepared hazard map															PD, PM	GIS section	JE: GIS Eq: ALOS AVNIR-1(2008)	
X.2 Conduct quick damage & recovery survey in the Target Area	Damage and recovery of survey villages to be identified (documented survey results (in reports))															FPM, SOs	ROs	JE: PCD	
X.3 Conduct village profile survey in the Target Area	Village profile after cyclone of survey villages to be identified (documented survey results (in reports))															FPM, SO	ROs	JE: PCD, project staff	
X.4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area	Recovery data of mangrove vegetation to be reflected into ARP and technical guideline (Result of analysis and evaluation in technical report)															SOs (LPT, BGL, PYP)	ROs (LPT, BGL, PYP) DRO, Forester	MF LC: Labour cost for survey	Report can be used in District Management Plan
X.4.1 Set plots for survey	Records of survey															ditto	ditto	ditto	
X.4.2 Continue monitoring of plots	Records/ reports of monitoring															ditto	ditto	ditto	
X.4.3 Analyze results of survey and compile data/ information into draft technical report/ guideline	Draft technical report/ guideline															ditto	ditto	ditto	Plan Report prepared by Sep. 2011
X.5 Rehabilitate the CF Extension Centre and Nursery in each RE including facility with cyclone proof structure	Completion of rehabilitation of facilities in CPECNs															FPM, SOs	SO, RO	JE: GIS, TE LC: SO, RO, DRO, FR	
X.6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply	Materials/ equipments for recovery procured and distributed based on needs															FPM	SOs + ROs	JE: PCD, MF Eq: Paga boat x 3, FRP boat x 2, coconut seedling	
X.7 Conduct public awareness activities on disaster prevention in the Target Area	Distribution of hazard map related public awareness material															FPM	SOs + ROs	JE: TE, CA, C	Activities to be integrated in Activity 2.8 after FY2011
X.8 Arrange necessary coordination among donors in the integrated mangrove management	Share experience related to cyclone recovery and reflect such in integrated mangrove management (Prepared meeting records)															FPM	SO, RO, DRO	JE: CA, C	The Project participated in relief and recovery coordination meetings organized by UN.
D. Activity related to project management and public relations																			

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
1.3 Organize/reorganize CFUSGs in the selected villages	Functional CFUSGs organized/reorganized (Existence of CFUSG/ MC member lists and by-laws)	Reconfirmation of existence of CFUSG/ MC member lists and by-laws														U Khin Maung Lwin (FFM)	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE, PCD (Y. Kitauchi), project staff		
1.3.1 Elect Management Committee (MC)	6 MCs elected															ditto	ditto	ditto		
1.3.2 Register members	Members of 6 CFUSGs registered															ditto	ditto	ditto		
1.3.3 Develop by-laws	By-laws developed by 6 CFUSGs	By-laws developed by 6 CFUSGs														ditto	ditto	ditto		
1.3.4 Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	MC elected, members registered and by-laws developed in 6 CFUSGs	MC elected, members registered and by-laws developed in 6 CFUSGs														SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin)	ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	ditto		
a Reconfirm status of MC and its members and reorganize MC	Reorganized MC member lists	Reorganized MC member lists														ditto	ditto	ditto		
i) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
ii) Reorganize MCs		Reorganized MC member lists														ditto	ditto	ditto		
b Reconfirm status of CFUSG members and prepare updated member list	Revised member lists	Revised member lists														ditto	ditto	ditto		
i) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
ii) Update CFUSG member lists		Revised member lists														ditto	ditto	ditto		
c Organize meetings with CFUSG for formulation of by-law	Prepared meeting records	Prepared meeting records														ditto	ditto	ditto		
i) Prepare draft by-law for selected CFUSGs		Prepared draft by-law														ditto	ditto	ditto		
ii) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
d Formulate by-law	Prepared by-law	Prepared by-law														ditto	ditto	ditto		
e Incorporate MC member list, CFUSG member list and by-law into CF proposal	Revised/ updated CF proposals	Revised/ updated CF proposals														ditto	ditto	ditto		
1.4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process	CF MPs which enable sustainable CF activities to be prepared in selected villages	CF MPs which enable sustainable CF activities to be prepared in selected villages	■	■	■	■	■	■	■	■	■	■	■	■	■	U Khin Maung Lwin (FFM)	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE, PCD (Y. Kitauchi), Project Staff, LC, operation cost		
1.4.1 Review the Management Plan (MP) developed by the Project and make necessary updates	4 CFMPs reviewed and updated	4 CFMPs reviewed and updated														ditto	ditto	JE, PCD (Y. Kitauchi), GIS, MF (nongrove forestry)		Same activities as 1.4.2
1.4.2 Update the pre-existing MP	2 CFMP updated	2 CFMPs updated														ditto	ditto	JE, PCD (Y. Kitauchi), GIS, MF		CFUSGs at Pyinathar RF
a Reconfirm/ re-delimitate CF area boundary with CFUSG members and relevant stakeholders	Installed boundary stakes and GPS data	Installed boundary stakes and GPS data														ditto	ditto	JE, GIS, MF, PCD (Y. Kitauchi)		
i) Confirm CF area boundary at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto		
ii) Re-delimitate boundary by GPS		Boundary data in GPS														ditto	ditto	ditto		
iii) Install temporary stakes along boundary		Stakes installed at sites														ditto	ditto	ditto		
iv) Install concrete stakes along boundary		Concrete stakes installed at sites														ditto	ditto	ditto		
b Reconfirm and reformulate CF activities to be covered by CFUSG	Prepared meeting records	Prepared meeting records														ditto	ditto	JE, PCD (Y. Kitauchi)		
i) Review existing CF MP		Confirmation of implementation status/ issues of CF activities														ditto	ditto	ditto		
ii) Confirm CF activities at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto		
iii) Compile CF activities to be conducted in targeted		Updated CF activity list														ditto	ditto	ditto		
e Update content of CF MP	Updated CF MPs	Updated CF MPs														ditto	ditto	ditto		
d Update CF management maps	Updated CF management maps	Updated CF management maps														ditto	ditto + SO (GIS Section)	JE, GIS, MF, PCD (Y. Kitauchi)		
i) Updated GPS data to be compiled in GIS		Updated GIS database														ditto	ditto	ditto		
ii) Produce updated CF Management Maps (Area map, resource map, planning map)		Updated CF management maps														ditto	ditto	ditto		
e Township FD office and CFUSG MC members to confirm and share content of CF proposal (MP and map)	Finalized CF proposal	Finalized CF proposal														ditto	ditto	JE, PCD (Y. Kitauchi), CA		

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Activity as per PDM3	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
i) Confirm and share CF proposal at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto		
ii) Finalize CF proposal (with updated CF management map)		Updated CF activity list														ditto	ditto	ditto		
f) CFUSG to submit finalized CF proposal to township FD	Submission letters	Submission letters														ditto	ditto	ditto		
1.5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	6 CFUSGs issued/ re-issued CF certificates	6 CFUSGs issued/ re-issued CF certificates														Director of AYW: U Zaw Win S	FPM: U Khin Maung Lwin	JE: CA, C (Coordinator)		
1.5.1 Prepare evaluation criteria for issuing CF certificate	Prepared evaluation criteria	Prepared evaluation criteria														ditto	ditto	JE: CA, C		
1.5.2 Issue certificates for CFUSGs with MP developed by Project	4 certificates issued	4 certificates issued														ditto	ditto	JE: CA, C		Same activities as 1.5.3
1.5.3 Re-issue certificates for CFUSGs with updated MP	2 certificate re-issued	2 certificate re-issued														ditto	ditto	JE: CA, C		CFUSGs at Pyinlan RP
a) District FD office to submit updated CF proposals received from township offices to regional FD office	Submission letters	Submission letters														ditto	ditto	JE: CA, C		
b) District FD office to receive CF certificates from Regional FD office	Issued CF certificates	Issued CF certificates														ditto	ditto	JE: CA, C		
c) Conduct CF certification ceremony cum CF/Mangrove public awareness activity at CF target villages or CFECNs	Ceremony records	Ceremony records														FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO, Lander	JE: CA, C		
1.6 Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)	CF activities implemented as per CFMP (annual report)														U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO, Lander	JE: PCD D (Y. Kitauchi), MF, MA (marketing)		
1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG	Prepared plan	Prepared plan														ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)		
1.6.2 Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records														ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)		Same activities as 1.6.3
1.6.3 Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records														ditto	ditto	ditto		
a) Provide necessary amount and type of seedlings to CFUSG as per CF MP	Seedling distributed as per request in CF MP (seedling distribution records)	Seedling distributed as per request in CF MP (seedling distribution records)														ditto	ditto	ditto		
b) Provide necessary technical guidance to CFUSG for implementation of CF activities	Prepared records	Prepared records														ditto	ditto	ditto		
c) Provide necessary support to CFUSG for monitoring of CF activities	Prepared records	Prepared records														ditto	ditto	ditto		
d) Provide necessary information/ support to CFUSG related to production, harvesting and selling of CF products	Knowledge about production, harvesting, selling of CF products increases (prepared records, distributed materials)	Prepared records, distributed materials														ditto	ditto	ditto		
i) Collect local resources/ information related to production harvesting, selling of CF products		Compiled information/ data														ditto	ditto	ditto		
ii) Prepare necessary materials for dissemination		Prepared materials/ records														ditto	ditto	ditto		
iii) Provide information at meetings & ceremonies		Prepared meeting/ ceremony records														ditto	ditto	ditto		
e) Support harvesting and selling of CF products (sales voucher, removal pass, etc.), if applicable	Implementation of harvesting and selling (prepared records, sales/ removal records)	Prepared records, sales/ removal records														ditto	ditto	ditto		
i) Prepare necessary materials/ forms		Prepared materials/ forms														ditto	ditto	ditto		
ii) Finalize sales voucher and removal pass		Finalized forms														ditto	ditto	ditto		
iii) Support actual harvesting and selling of CF products																ditto	ditto	ditto		

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			FY 2011														Japanese	Myanmar	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1.7	Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Income/ profit gained to CFUSG from implementation of capacity strengthening programs	Implementation in accordance with program, income/ profit gained from implementation.												U. Khin Maung Lwin (FFPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Thun Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO.	JE: PCD (Y. Kitauchi), MF, FC (fish culture) and MA LC: material cost/ operation cost for implementation of programs	MAS, DoF, SLRD	
1.7.1	Design the programs based on needs	Prepared implementation	Prepared implementation												ditto	ditto	ditto		
1.7.2	Review and update the programs	Revised programs	Revised programs												ditto	ditto	ditto		
a	Revise implementation plan of capacity strengthening programs by CFUSG	Prepared plan	Prepared plan												ditto	ditto	ditto		
i)	List up applicable capacity strengthen programs per CFUSG		List of programs												ditto	ditto	ditto		
ii)	Revise implementation plan		Revised plan												ditto	ditto	ditto		
b)	Prepare assisting plan for implementation of capacity strengthening programs by CFUSG	Prepared plan	Prepared plan												ditto	ditto	ditto		
1.7.3	Assist the CFUSGs I	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	ditto	Same activities as 1.7.4	
1.7.4	Assist the CFUSGs II	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	ditto		
a	Formulation/ activation of subgroups	Subgroup member list, by-law	Subgroup member list, by-law												ditto	ditto	ditto		
i)	Organize/ reorganize subgroups		List of MC and subgroup												ditto	ditto	ditto		
ii)	Prepare subgroup by-laws		Prepared by-laws												ditto	ditto	ditto		
b	Agroforestry	Knowledge/ production/ profit gained	Drafted implementation plan												ditto	ditto	ditto	MAS	
i)	Confirm activities to be implemented in each CFUSGs		Prepared meeting record, list of activities												ditto	ditto	ditto		
ii)	Prepare implementation plan for FY2012		Drafted implementation plan												ditto	ditto	ditto		
c	Fish culture	Knowledge/ production/ profit gained	Prepared records												ditto	ditto	ditto	DOF	
i)	Support on-going activities		Prepared monitoring records												ditto	ditto	ditto		
ii)	Support for trial selling		Prepared monitoring records												ditto	ditto	ditto		
d	Fast growing & value added wood production	Knowledge/ production/ profit gained	Prepared records, implementation plan												ditto	ditto	ditto		
i)	Support on-going activities		Prepared monitoring records												ditto	ditto	ditto		
ii)	Collect local resources/ information related to fast growing & value added wood production		Collected information												ditto	ditto	ditto		
iii)	Confirm activities to be implemented in each CFUSGs		Prepared meeting record, list of activities												ditto	ditto	ditto		
iv)	Prepare implementation plan for FY2012		Drafted implementation plan												ditto	ditto	ditto		
e	Harvesting of products	Knowledge/ production/ profit gained	Collected information												ditto	ditto	ditto		
i)	Collect local resources/ information related to production and harvesting		Collected information												ditto	ditto	ditto		
ii)	Prepare necessary materials for dissemination to CFUSG														ditto	ditto	ditto		
f	Trading and selling of products	Knowledge/ production/ profit gained	Collected information												ditto	ditto	ditto		
i)	Collect local resources/ information related to trading and selling		Collected information												ditto	ditto	ditto		
ii)	Prepare necessary materials for dissemination to CFUSG														ditto	ditto	ditto		
1.7.5	Assist non- CF target villages already with Project intervention (2 in total)	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	JE, FC		
a	Formulation/ activation of subgroups	Subgroup member list, by-law	Subgroup member list, by-law												ditto	ditto	ditto		
i)	Organize/ reorganize subgroups		List of MC and subgroup												ditto	ditto	ditto		

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14 July, 2011		APO-2011												7/11								
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks			
			2011						2012								Japanese	Myanmar				
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar								
2.8	Carry out public awareness campaigns regarding CF and the conservation of mangrove forests	Implemented campaigns to contribute to mangrove conservation/rehabilitation (campaign materials, campaign records)	Campaign materials, campaign records															FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE LC: material and operation cost for public awareness		Extension Division under FD may be able to collaborate with the Project in some part of the activities
2.8.1	Identify the target for public awareness	Identified target groups	Identified target groups															ditto	ditto	ditto		
2.8.2	Develop/ update a public awareness plan	Prepared plan	Prepared plan															ditto	ditto	ditto		
2.8.3	Carry out the plan	Implementation records, result of evaluation	Implementation records, result of evaluation															ditto	ditto	ditto		
	a) Carry out activities in accordance with the plan	Prepared records	Prepared records															ditto	ditto	ditto		
	b) Monitor and evaluate result of public awareness activities	Results of evaluation	Results of evaluation															ditto	ditto	ditto		
2.9	Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities	SOP (English, Myanmar) to be approved and utilized by FD	Prepared initial draft SOP (English)															PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, FCD, MF, AF, FC LC: preparation cost for SOP		
2.9.1	Develop an initial draft	Prepared draft SOP	Prepared draft SOP															ditto	ditto	ditto		
	a) Based on SOP preparation plan (activity 2.4), draft SOP	Drafted SOP	Prepared draft SOP															ditto	ditto	ditto		
	b) Share and review prepared SOP among MCTF and other relevant FD offices	Prepared comments/ records	Prepared comments/ records															ditto	ditto	ditto		
2.9.2	Finalize the draft	Finalized and approved SOP																ditto	ditto	ditto		
Output 3: Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.																Overall: PC: U Bo Ni						
3.1	Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta	Silvicultural techniques important for mangrove rehabilitation to be identified (survey records and plans prepared based on surveys)																FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui) LC:		In the FY2007 conduct surveys to determine over all test designs for ARP.
3.2	Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management)	AR designs and plans to be developed in accordance with identified silvicultural techniques	Prepared AR annual plans															FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui, N. Matsui)		
	3.2.1 Prepare the specific design	Prepared AR design																ditto	ditto	ditto		
	3.2.2 Prepare an annual execution plan	Prepared annual plan	Prepared annual plan															ditto	ditto	ditto (Main: A. Sakurai)		
3.3	Execute the AR in each RF	AR implemented as per designs/plans (implemented sites, records/ reports based on implementation of AR)	AR implemented as per designs/plans (implemented sites, records/ reports based on implementation of AR)															FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui, A. Sakurai) LC: material and operation cost for AR activities		
	3.3.1 Implement activities in accordance with annual execution plan	AR implemented sites, records/ reports based on implementation of AR	AR implemented sites, records/ reports based on implementation of AR															ditto	ditto	ditto (Main: N. Matsui)		
	a) Seedling production		Seedling production records															ditto	ditto	ditto (Main: N. Matsui)		
	b) Site preparation		Plantation work reports															ditto	ditto	ditto (Main: N. Matsui)		
	c) Planting/ treatments		ditto															ditto	ditto	ditto (Main: N. Matsui)		
	3.3.2 Prepare and install ARP signboards	Installed ARP signboards and plot description signboards	Installed ARP signboards and plot description signboards															ditto	ditto	ditto (Main: A. Sakurai)		

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14 July 2011		APO-2011												6/11						
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Jan	Feb	Mar	Apr	May	Jun	Jan	Feb	Mar	Apr	May	Jun						
2.3.4	Compile training needs of MCFTF	Compiled and reconfirmed training needs (prepared training needs and training plan)	Compiled and reconfirmed training needs (prepared training needs and training plan)													ditto	ditto	ditto		
2.4	Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed													PC: U Bomi	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, (PCD, MF, FC), CA		Training may include OJT, training through existing CF training course, and development of CF training program for mangrove, etc. Development of CF training program/ materials for mangrove CF based on the existing ones such as CFDTCC is being considered
2.4.1	Develop overall training plan and training materials	Prepared training plan and materials	Prepared training plan and materials													ditto	ditto	ditto		
a	Based on results of workshop (2.3), design training plan	Prepared plan	Prepared plan													ditto	ditto	ditto		
b	Based on results of workshop (2.3), design SOP preparation plan	Prepared plan	Prepared plan													ditto	ditto	ditto		
c	Develop training materials based on finalized training plan	Prepared training materials	Prepared training materials													ditto	ditto	ditto		
2.4.2	Update the training materials based on feedbacks	Updated training plan and materials	Updated training plan and materials													ditto	ditto	ditto		
2.5	Train the technical MCFTF according to the plan	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, (PCD, MF, AF)	LC: training material and operation cost	
2.5.1	Implement & monitor the training program	Implemented training courses (number of participant)	Implemented training courses (number of participant)													ditto	ditto	ditto		
a	Implement training program based on plan	Prepared implementation records	Prepared implementation records													ditto	ditto	ditto		
b	Organize feedback interview/ survey to review and monitor results of training programs	Prepared feedback records	Prepared feedback records													ditto	ditto	ditto		
2.5.2	Evaluate the training program & conduct the follow-up as appropriate	Result of evaluation (ACR, SOP)	Result of evaluation (ACR, SOP)													ditto	ditto	ditto		
2.6	Construct/renovate the CF Extension Centre & Nursery in each RF	Completion of facilities construction/ renovation at 4 CFECNs	Completion of facilities construction/ renovation at 4 CFECNs													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: CA, GIS	LC: Renovation and Construction Cost of Facilities	KJKL: Kwa Kwa Ka Lay CFECN TYK: Thar Yar Kone CFECN BYM: Bynon Hnwa CFECN TGT: Huang Gyi Tan CFECN HKT: Higest Kyi Taung CFECN
2.6.1	Prepare design and implementation plan	Prepared design and plan	Prepared design and plan													ditto	ditto	ditto		
2.6.2	Conduct construction/ renovation based on design/ plan	Constructed/ renovated facilities	Constructed/ renovated facilities													ditto	ditto	ditto		
2.6.3	Conduct maintenance and repair based on necessity	Maintenance records	Prepared plan													ditto	ditto	ditto		
a	Confirm condition of constructed/ renovated facilities	Prepared site reports	Prepared site reports													ditto	ditto	ditto		
b	Develop maintenance/ repair plan for each CFECN	Prepared plan	Prepared plan													ditto	ditto	ditto		
c	Estimate maintenance/ repair cost for each CFECN	Prepared bill of quantities	Prepared bill of quantities													ditto	ditto	ditto		
2.7	Provide extension services and support to the CFUSGs in each RF	Necessary extension services and support provided to target CFUSGs based on prepared extension materials.	Prepared extension materials.													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: PCD (H, Yasu), TE		Through Activities 1.3-1.7
2.7.1	Develop extension materials	Prepared extension materials	Prepared extension materials													ditto	ditto	ditto		
a	Prepare implementation plan for extension services & support	Prepared plan	Prepared plan													ditto	ditto	ditto		
b	Develop extension materials based on plan	Prepared materials	Prepared materials													ditto	ditto	ditto		
2.7.2	Implement extension services & support (i.e. Activity 1-3-1.7)	Prepared work/ monitoring records	Prepared work/ monitoring records													ditto	ditto	ditto		

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14 July, 2011		APO-2011												8/11					
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			2011						2012								Japanese	Myanmar	
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
a) Prepare/ install ARP site signboards	Installed ARP signboards	Installed ARP signboards for FY2011 ARP														ditto	ditto	ditto (Main: A. Sakurai)	
b) Prepare/ install plot description signboards	Installed Plot description	Installed Plot description														ditto	ditto	ditto (Main: A. Sakurai)	
i) Design and prepare plot description signboards		ditto														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Install plot description signboards		ditto														ditto	ditto	ditto (Main: A. Sakurai)	
3.4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARH)	Monitoring results to be reflected to succeeding years' ARP and technical report/ guidelines (monitoring reports, technical report)	Prepared monitoring reports, technical report														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: labour cost for monitoring	
3.4.1 Prepare a monitoring and assessment plan	Monitoring plan	Prepared monitoring plan (updated)														ditto	ditto	ditto (Main: A. Sakurai)	
3.4.2 Implement monitoring and assessment based on the plan	Monitoring Records/ reports	Prepared monitoring Records/ reports														ditto	SO, RO, DRU, F	ditto (Main: N. Matsui)	
a) Prepare/ update plot allocation tables, plot records, nursery activity records	Prepared tables and records	Prepared tables and records														ditto	ditto	ditto (Main: N. Matsui)	
i) Prepare/ update research plot allocation table	Research plot allocation table	Research plot allocation table														ditto	ditto	ditto (Main: N. Matsui)	
ii) Prepare/ update research plot records	Research plot records	Research plot records														ditto	ditto	ditto (Main: N. Matsui)	
iii) Prepare/ update nursery activity records	Nursery activity records	Nursery activity records														ditto	ditto	ditto (Main: N. Matsui)	
b) Prepare/ update monitoring records	Monitoring records	Monitoring records														ditto	ditto	ditto (Main: N. Matsui)	
3.4.3 Prepare monitoring and assessment reports	Monitoring Records/ reports	Prepared Monitoring Records/ reports														ditto	SO, RO	ditto (A. Sakurai, N. Matsui)	
3.4.4 Prepare a technical report, compiling the above results (activity 3.5)	Monitoring reports, technical report	Prepared monitoring reports, technical report														ditto	ditto	ditto (A. Sakurai, N. Matsui)	
3.5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar	Final technical reports (English and Myanmar) to be approved and referred by FD	Develop initial draft technical report (English)														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: preparation cost for technical reports	
3.5.1 Develop an initial draft	Draft technical report (English and Myanmar)	Draft technical report (English)														ditto	ditto	ditto (Main: A. Sakurai)	
a) Organize workshop(s) to confirm/ share progress, achievement, issues in relation to ARP (activity 3.6)	Records/reports of workshops	Records/reports of workshops														ditto	ditto	ditto (Main: A. Sakurai)	
i) Review preliminary draft		Comments and issues to preliminary draft														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Prepare materials for workshop		Prepared materials														ditto	ditto	ditto (Main: A. Sakurai)	
iii) Organize workshop		Prepared workshop records														ditto	ditto	ditto (Main: A. Sakurai)	
b) Based on results of workshop, prepare initial draft of technical report	Draft technical report (English and Myanmar)	Draft technical report (English and Myanmar)														ditto	ditto	ditto (Main: A. Sakurai)	
i) Compile results of workshop		Prepared workshop outputs														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Prepare and compile initial draft based on workshop results and findings/ monitoring results		Prepared draft technical report														ditto	ditto	ditto (Main: A. Sakurai)	
3.5.2 Finalize the draft	Approved technical report (English and Myanmar)															ditto	ditto	ditto (Main: A. Sakurai)	
3.6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR	Technical guideline (English and Myanmar) to be approved and utilized by FD	Develop initial draft technical guideline (English)														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: preparation cost for technical guideline	
3.6.1 Develop a preliminary draft	English draft technical guideline															ditto	ditto	ditto (Main: A. Sakurai)	
3.6.2 Develop an initial draft	Draft technical guideline (English and Myanmar)	Draft technical guideline (English)														ditto	ditto	ditto (Main: A. Sakurai)	
a) Based on preliminary draft, organize workshop(s) to confirm/ share progress, achievement, issues in relation to ARP (activity 3.5)	Records/reports of workshops	Records/reports of workshops														ditto	ditto	ditto (Main: A. Sakurai)	
i) Review preliminary draft		Comments and issues to preliminary draft														ditto	ditto	ditto (Main: A. Sakurai)	

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
X.1	Prepare a hazard map based on analysis of damage of the cyclone Nargis	Prepared hazard map														PD, PM	GIS section	JE GIS Eq. ALOS AVNIR-2(2008)		
X.2	Conduct quick damage & recovery survey in the Target Area	Damage and recovery of survey villages to be identified (documented survey results (in reports))														FPM, SOs	ROs	JE PCD		
X.3	Conduct village profile survey in the Target Area	Village profile after cyclone of survey villages to be identified (documented survey results (in reports))														FPM, SO	ROs	JE PCD, project staff		
X.4	Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area	Recovery data of mangrove vegetation to be reflected into ARP and technical guideline (Result of analysis and evaluation in technical report)	■	■	■	■	■	■	■	■	■	■	■	■	■	SOs (LPT: U Aung Gyi, BGL: U Khan Htin, PYP: U Kyi Lin)	ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Mye Min Htin, U Kyaw Kyaw Myo, PYP: U Zaw Min Htin, U Kyaw Zaw), DRO, Forester	MF (N. Matnu) LC. Labour cost for survey.		
X.4.1	Set plots for survey	Records of survey														ditto	ditto	ditto		
X.4.2	Continue monitoring of plots	Records/reports of monitoring														ditto	ditto	ditto		
X.4.3	Analyze results of survey and compile data/information into draft technical report/guideline	Draft technical report/guideline	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		Report to be prepared by Sep. 2011
X.5	Rehabilitate the CE Extension Centre and Nursery in each RI including facility with cyclone proof structure	Completion of rehabilitation of facilities in CFECNs														FPM, SOs	SO, RO	JE GIS, TE LC	SO, RO, DRO, FR	
X.6	Support recovery or disaster prevention work of implementation and Cooperative Organizations in the Target Area through material supply	Materials/ equipments for recovery procured and distributed based on needs														FPM	SOs + ROs	JE PCD, MF Eq. Paga boat x 3, FRP bca x 2, coconut		
X.7	Conduct public awareness activities on disaster prevention in the Target Area	Distribution of hazard map related public awareness material														FPM	SOs + ROs	JE TE, CA, C		Activities to be integrated in Activity 2.8 after FY2011
X.8	Arrange necessary coordination among donors in the integrated mangrove management	Share experiences related to cyclone recovery and reflect such in integrated mangrove management (Prepared meeting records)														FPM	SO, RO, DRO	JE CA, C		The Project participated in relief and recovery coordination meetings organized by UN and other agencies
0. Activity related to project management and public relations																PM: U Zaw Win 4				
0.1	Organize JCC at least once a year	Project progress / plans shared and decisions made in timely manner (Signed minutes of Meeting of JCC)														PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE CA, C		
0.1.1	Organize JCC for approval of PDM2, PO2, DPO2, and APO2011	ditto														ditto	ditto	ditto		
0.1.2	Organize JCC for approval of indicators for PDM2, and APO2012	ditto														ditto	ditto	ditto		
0.2	Develop a DPO based on PO for approval by JCC	Approved DPO to be fully utilized by technical MCFTF staff	■	■	■	■	■	■	■	■	■	■	■	■	■	PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE CA, C		
0.2.1	Draft DPO based on PO	Drafted DPO														ditto	ditto	ditto		
0.2.2	Conduct DPO review meeting and finalize DPO	Finalized DPO														ditto	ditto	ditto		
0.2.3	Approve DPO at JCC (Activity 0.1)	Approved DPO														ditto	ditto	ditto		
0.3	Develop an annual PO (APO) based on the DPO for approval by JCC	Approved APO for smooth implementation of Project	■	■	■	■	■	■	■	■	■	■	■	■	■	PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE CA, C		
0.3.1	Draft APO based on DPO	Drafted APO														ditto	ditto	ditto		
0.3.2	Conduct APO review meeting and finalize DPO	Finalized APO														ditto	ditto	ditto		
0.3.3	Approve APO at JCC (Activity 0.1)	Approved APO														ditto	ditto	ditto		
0.4	Develop an annual report for review by JCC	Project progress and achievements to be timely shared at JCC (Prepared annual reports)														PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htin, U Kyi Lin	JE CA, C		
0.4.1	Draft annual report based on progress and achievement of project activities	ditto														ditto	ditto	ditto		
0.4.2	Review the draft report and finalize	ditto														ditto	ditto	ditto		

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14 July, 2011			APO-2011												11/11					
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
0.5	Organize internal project meeting regularly	Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records)															PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: CA, C	
0.5.1	Organize Township level meeting monthly (SO+RO+JET)	ditto															SOs: U Aung Gyi, U Kan Htun, U Ki Lin	ROs under township	JE: Team members on site	
0.5.2	Organize District level meeting quarterly (FPM+SO+RO)+(PC)+JET)	ditto															FPM: U Khin Maung Lwin	SOs: U Aung Gyi, U Kan Htun, U Ki Lin, (RO), (PC)	ditto	
0.5.3	Organize Project Management meeting quarterly (PM+PC+FPM+JET)	ditto															PM: U Zaw Win 4	PC: U Bo Ni, FPM: U Khin Maung Lwin	ditto	
0.6	Monitor the achievement of the Indicators periodically	Indicators appropriately monitored to confirm achievement of outputs/															PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: CA, C	
0.6.1	Draft monitoring plan and forms	Prepared monitoring plan and															ditto	ditto	ditto	
0.6.2	Monitor progress/ achievement	Prepared monitoring records, reports															ditto	ditto	ditto	
0.7	Prepare for joint evaluation	Provide data/ information readily available for evaluation															PC: U Bo Ni	FPM: U Khin Maung Lwin	JE: CA	
0.7.1	Compile progress and achievement of project activities	Prepared reports															ditto	ditto	ditto	
0.7.2	Collaborate with joint evaluation mission and provide necessary information	Data/ information readily available for evaluation															ditto	ditto	ditto	
0.8	Follow up the recommendations of the review/evaluation	Recommendations incorporated in Project and contribute to outputs/ outcome (Annual Completion Reports, relevant meeting minutes)															PC: U Bo Ni	FPM: U Khin Maung Lwin	JE: CA	
0.8.1	Integrate recommended activities into APO	Prepared APO															ditto	ditto	ditto	
0.8.2	Confirm progress/ achievement of recommended activities and integrate results as part of monitoring	Results/ records of follow up															ditto	ditto	ditto	
0.8.3	Update APO based on progress/ achievement of recommended activities	Prepared APO															ditto	ditto	ditto	
0.9	Conduct public relations for the Project	Announce about Project and its activities (Prepared agendas, public relation materials)															PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: TE, CA	
0.9.1	Draft public relation plan	Prepared plan															ditto	ditto	ditto	
0.9.2	Implement public relation plan	Prepared agendas, public relation materials															ditto	ditto	ditto	
a	Update project webpage																ditto	ditto	ditto	
b	Prepare public relation material (project brochures)																ditto	ditto	ditto	
c	Prepare public relation material (project news letter)																ditto	ditto	ditto	
0.9.3	Monitor and evaluate result of public relation activities	Records of monitoring/ evaluation															ditto	ditto	ditto	

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Attachment-3 List of handouts distributed to the participants

Title	Presenter
Reviewing Project Framework based on PDM2, PO2, DPO, and APO2011	Mr. Tomohiro Shibayama, Chief Adviser, JICA Expert Team
Major Project Activities scheduled for FY2011-12 PDM2, PO2, DPO, and APO2011	U Khin Maung Lwin, FPM, MCFTF, FD

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PDM 2

1. Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta PDM version: 2
 2. Project Duration: April 2007-March 2013 Date of approval: 14 July, 2011
 3. Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta
 4. Beneficiaries: Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta & Member of Community Forestry Task Force (MCFTC) and other relevant staff from the Forest Department

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta	a. Mangrove forest coverage increases by X acres (Y ha) (*1) in the Target Area of the current Project. (i.e 4 RFs) within three years after the completion of the Project b. Income levels of communities in the Target Area is improved than that of 2004	a. Forests resource assessment by FD (remote sensing) b. Agricultural Census report	
Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta.	a. By the Project end, mangrove forest coverage is increased by X acres (Y ha) (*2) in the selected areas where project were implemented (i.e. CF plantation, CF-Natural Forest Improvement Operation (NFIO), and ARP sites) from the base year 2009. b. At the end of the Project, among the registered members of all the target CF user groups (CFUSGs) reselected in 2011 more than 80% consider CF useful	a. Project reports b. Results from the CF Impact survey	1 Favourable markets exist for CF products. 2 FD's policy on the management of the four reserved forests does not change significantly. 3 Sufficient financial and other resources are allocated for the sustainable management of mangrove forests.
Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF). 2. The management and the support system of the Forest Department (FD) for CF is effective. 3. Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. 4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. X (Additional Output after the Cyclone Nargis in May 2008) Recovery from damage of Cyclone Nargis is promoted.	1a By September 2011, all the CF Management Plans of the CFUSGs, reselected in March 2011, are developed/updated 1b By the end of the Project, organizational capacity of the Management Committees (MCs) of all the target CFUSGs, reselected in 2011, reaches the Xth level of the Y evaluation rating set by the Project 1c The certified CF Management Plans (i.e. CF plantation and NFIO) of all the target CFUSGs reselected in 2011 are implemented according their annual plans 1d By the Project end, more than -X acres (Y ha) (*3) of mangrove forests are rehabilitated and managed by the CFUSGs reselected in 2011 based on the certified CF Management Plans, including CF plantation and NFIO when applicable 1e By the Project end, all the CFUSGs reselected in 2011 start to gain profit from CF activities determined in the certified CF Management Plans and/or income generation activities supported by the Project. 2a By the end of the Project, capacity of X % of technical members of CF Task Force, engaged in the Project more than two years reaches the Yth level of the Z evaluation rating set by the Project for each level on CF management and extension/support on average 2b On average, more than 80% of all registered members of the CFUSGs reselected in 2011 give the highest or medium rate on three-level rating about "degree of understanding", "degree of applicability", and "degree of satisfaction" of the CF extension they received. 2c By the Project end, a training program for CF for mangrove forest, including materials, is developed based on the existing ones for confirmation by the DG for further action. (in English & Myanmar) 2d By the Project end, Standardized Operational Procedures (SOP) for CF for mangrove forest is developed based on the existing SOP of the FD (i.e. Departmental Instructions and CFI) for confirmation by the DG for further action (in English & Myanmar) 3a By the Project end, a technical report on Action Research (AR) for mangrove are prepared (in English and Myanmar) 3b By the Project end, technical guidelines for field-level FD staff on rehabilitation and management of mangrove forests, which are developed based on AR findings, are published (in English and Myanmar) 4a By December 2011, an inter-agency coordination meeting is organized by the FD 4b Land use information of the Target Area is updated based on the satellite images of 2007, 2009 and 2012. 4c The updated land use information is shared at the inter-agency coordination meetings for discussion. 4d Seminars to promote synergy among the relevant sectors are organized annually 4e A donor/NGO coordination meeting for the Target Area organized by the FD once a year Xa By March 2009, a hazard map of the Target Area is developed based on the latest satellite images (2009) for distribution to the local communities Xb By March 2010, a report on damage & recovery survey on the communities in the Target Area is prepared Xc By March 2010, Centre for CF Extension & Nursery in each RF is rehabilitated. Xd In 2009 & 2010, materials necessary for disaster recovery or prevention work are provided to the FD and the Cooperating Agencies based on the needs Xe By December 2011, a report on recovery condition of mangrove vegetation (2008-2010) is prepared	1a: CF Management Plans, 1b-1e: Monitoring project report 2a-2d: Project reports 3a-3b: Project reports 4a: Meeting records 4b: Land use maps 4c: Meeting records 4d: Project reports 4e: Meeting records Xa: Hazard map, Xb-e: project reports	1 No drastic increase in the population within the four reserved forests. 2 External pressure to convert the mangrove forests to other land uses does not increase.

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PDM 2

<p>Activities:</p> <p>1-1 Select villages to introduce CF from the ones that express interest.</p> <p>1-2 Conduct baseline survey on the basic socio-economic conditions of the selected villages.</p> <p>1-3 Organize/reorganize CFUSGs in the selected villages</p> <p>1-4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process</p> <p>1-5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)</p> <p>1-6 Assist the CFUSGs in implementing the certified CF Management Plans</p> <p>1-7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.</p> <p>1-8 Monitor and evaluate the implementation of the certified CF Management Plans</p> <p>1-9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs.</p> <p>2-1 Identify necessary activities for CF management (*4) and CF extension & support(*5) by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP).</p> <p>2-2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF)*6) for the identified activities</p> <p>2-3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities</p> <p>2-4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.</p> <p>2-5 Train the technical MCFTF according to the plan</p> <p>2-6 Construct/renovate the CF Extension Center & Nursery in each RF</p> <p>2-7 Provide extension services and support to the CFUSGs in each RF</p> <p>2-8 Carry out public awareness campaigns regarding CF and the conservation of mangrove forests</p> <p>2-9 Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities</p> <p>3-1 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta</p> <p>3-2 Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management).</p> <p>3-3 Execute the AR in each RF</p> <p>3-4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)</p> <p>3-5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar</p> <p>3-6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR</p> <p>4-1 Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta.</p> <p>4-2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.</p> <p>4-3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta.</p> <p>4-4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level</p> <p>X-1 Prepare a hazard map based on analysis of damage of the cyclone Nargis</p> <p>X-2 Conduct quick damage & recovery survey in the Target Area</p> <p>X-3 Conduct village profile survey in the Target Area</p> <p>X-4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area.</p> <p>X-5 Rehabilitate the CF Extension Center and Nursery in each RF including facility with cyclone-proof structure</p> <p>X-6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply</p> <p>X-7 Conduct public awareness activities on disaster prevention in the Target Area</p> <p>X-8 Arrange necessary coordination among donors in the integrated mangrove management</p>	<p>Inputs</p> <p><Myanmar Side> Personnel (Members of CF Task Force: MCFTF)</p> <ol style="list-style-type: none"> 1. Project Director 2. Project Manager 3. Project Coordinator 4. Field Project Manager 5. Other MCFTF 6. Other personnel mutually agreed upon as necessary <p>Land, Building and Facilities</p> <ol style="list-style-type: none"> 1. Office building and facilities necessary for the implementation of the Project 2. Office space and necessary facilities for the Japanese experts and related staff members 3. Land for the action research 4. Jetty and space necessary for storage of boats and vehicles 5. Other facilities mutually agreed upon as necessary <p>Local Operational Costs Minimum of US\$100,000 equivalent in 5 years</p> <p><Japanese Side> Personnel</p> <ol style="list-style-type: none"> 1. Chief Advisor 2. Participatory community development 3. Mangrove forestry 4. Coordinator 5. Other experts in specific fields (e.g. Extension, GIS, Agro-forestry, Fish culture, Forestry Value-added Production, Marketing and Distribution) upon mutual agreement <p>Machinery and Equipment</p> <ol style="list-style-type: none"> 1. Boat(s) 2. Vehicle(s) 3. Other equipment would be provided if necessary upon mutual agreement. <p>Training in Japan</p> <p>Local Costs</p>	<p>1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunamis, floods, pests, diseases).</p> <p>2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests</p> <p>Pre-Conditions</p> <p>1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunamis, floods, pests, diseases).</p> <p>2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests</p>
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(*1)As-yet unspecified planned value such as X, Y, Z, will be specified by March 2012. (*1): The figure would be further reviewed and finalized in developing the post-project strategy. (*2): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011 and Action Research as well as the area rehabilitated during 2009-2010 by the CFUSGs which were not reselected. (*3): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011. (*4): "CF management" by FD is defined as planning, supervision, monitoring and evaluation, and data organization and analysis of the activities related to CF. "CF support" consists of extension service and extension support to CF. (*5): "CF extension services" may include organization of the CFUSGs, strengthening of the organizational/management capacity of CFUSGs, provision of technical support for preparation and implementation of the CF Management Plans and income generation activities of CFUSGs, etc. "CF extension support" is defined as material support to CFUSGs, which include provision of seedlings for CF plantation delineated in the CF Management Plans, making the facilities of the CF Extension and Nursery available to the CFUSG

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14 July, 2011

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementors	Other Major Inputs		Remarks
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar	
		Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr	Mar	Apr					
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).																		
1.1	Select villages to introduce CF from the ones that express interest	Cyclone Harga												Project Manager (PM)		JE Chief Advisor (CA)		
1.1.1	Confirm interest and willingness of villages and select villages for the Project	Batch I												Field Project Manager (FPM)	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD (participatory community development), CA		
1.1.2	Reconfirm interest and willingness of selected villages	Batch II												ditto	ditto	ditto		
1.1.3	Re-select villages to be covered in the Project													FPM	SOs (LPT, BGL, PYP)	ditto		
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Baseline Survey												FPM	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages													ditto	ditto	ditto		
1.2.2	Review basic socio-economic conditions of re-selected villages													ditto	ditto	ditto		
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)													FPM	ditto	ditto		
1.3	Organize/reorganize CFUSGs in the selected villages	Election												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.3.1	Elect Management Committee (MC)													ditto	ditto	ditto		
1.3.2	Register members													ditto	ditto	ditto		
1.3.3	Develop by-laws													ditto	ditto	ditto		
1.3.4	Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	MC elected, members registered and by-laws developed to 6 CFUSGs												SOs (LPT, BGL, PYP)	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	ditto		
1.4	Assist the CFUSGs in preparing/ updating their CF Management Plans and proposals for CF certificates through participatory planning process	CFMPs which enable sustainable CF activities to be prepared in selected villages												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, Project Staff		
1.4.1	Review the Management Plan (MP) developed by the Project and make necessary updates	4 CFMPs reviewed and updated												ditto	ditto	JE: PCD, GIS, MF (mangrove forestry)		
1.4.2	Update the pre-existing MP	2 CFMP updated												ditto	ditto	JE: PCD, GIS, MF		
1.5	Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	6 CFUSGs issued/ re-issued CF certificates												Director of AYW	FPM	JE: CA, C (Coordinator)		CFUSGs at Pymaw RE
1.6	Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, MA (marketing)		
1.6.1	Prepare assisting plan for implementation of CF activities by CFUSG	prepared plan												ditto	ditto	JE: PCD, MF, MA, CA		
1.6.2	Assist the CFUSGs Batch I													ditto	ditto	JE: PCD, MF, MA,		
1.6.3	Assist the CFUSGs Batch II													ditto	ditto	ditto		
1.7	Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Incomes/ profit gained in CFUSG from implementation of capacity strengthening programs												FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, MF, FC (fish culture) and MA	MAS, DoF, SLRD	
1.7.1	Design the programs based on needs													ditto	ditto	ditto		
1.7.2	Review and update the programs													ditto	ditto	ditto		
1.7.3	Assist the CFUSGs I													ditto	ditto	JE: PCD, MF, FC, MA, CA		
1.7.4	Assist the CFUSGs II													ditto	ditto	ditto		
1.7.5	Assist non-CF target villages already with Project intervention (2 in total)													ditto	ditto	ditto		

Notes

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		MF	Y2007	PY	2008	2009	2009	2010	2010	2011	2011	2012	2012						
2.9	Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities														PC	FHM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, TP, PCT, MF, AP, FC LC: preparation cost for SOP		
2.9.1	Develop an initial draft																		
2.9.2	Finalize the draft																		
a)	Based on comments and feedbacks, finalize draft SOP																		
b)	Get approval of finalized SOP by FD-DG																		
Output 3: Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.														Overall: PC					
3.1	Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the socio-geographical / management zones in the Ayeyawady Delta															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC	In the FY2007 conduct surveys to determine over all test designs for ARP
3.2	Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planting designs and methods, thinning, pruning, forest management)															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF	
3.2.1	Prepare the specific designs																		
3.2.2	Prepare an annual execution plan																		
3.3	Execute the AR in each RF															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: material and operation cost for AR activities	
3.3.1	Implement activities in accordance with annual execution plan																		
3.3.2	Prepare and install ARP signboards																		
3.4	Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: labour cost for monitoring	Major monitoring activities are limited only when presence of JE
3.5	Prepare a technical report on action research (AR) for mangrove in English and Myanmar															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: preparation cost for technical reports	
3.5.1	Develop an initial draft																		
3.5.2	Finalize the draft																		
3.6	Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, MF LC: preparation cost for technical guideline	
3.6.1	Develop a preliminary draft																		
3.6.2	Develop an initial draft																		
3.6.3	Finalize the draft																		
Output 4: A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta.														Overall: PM					
4.1	Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta															AYW Director	PC, FPM	JE, CA, C LC: meeting organizing cost	Aimed to be held concurrently with mangrove seminar as such as possible
4.2	Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion															PC	SO + ROs (GIS Section), FPM	JE, GIS	
4.3	Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta															PM, PC	FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE, CA, C/PCD, MF, TE, GIS, FC LC: Seminar organizing	
4.4	Organize a coordination meeting with donors/NGOs active in the Target Area at District Level															FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRD, Forester	JE, CA, C LC: meeting organizing cost	

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Activity as per PDM2	Expected Results During Project Period	Schedule																								Person in charge	Implementers	Other Major Inputs		Remarks
		2007		2008		2009		2010		2011		2012		Japanse	Myanmar															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			Nov	Dec	
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).																										Project Manager (PM)		JE: Chief Advisor (CA)		
1.1	Select villages to introduce CF from the ones that express interest	<div style="display: flex; justify-content: space-between;"> Existence of village Before March March I March II </div>																								Field Project Manager (FPM)	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD (participatory community development), CA		
1.1.1	Confirm interest and willingness of villages and select villages for the Project	ditto																								ditto	ditto	ditto		
1.1.2	Reconfirm interest and willingness of selected villages	ditto																								ditto	ditto	ditto		
1.1.3	Re-select villages to be covered in the Project	ditto																								FPM	SOs (LPT, BGL, PYP)	ditto		
a	List up villages re-selected to be covered in the Project	ditto																								ditto	ditto	ditto		
b	Get approval of re-selected villages at JCC	ditto																								ditto	ditto	ditto		
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	<div style="display: flex; justify-content: space-between;"> Before March </div>																								FPM	RUs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: P, D, project staff LC: Baseline and market survey (Contract work)		
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages	ditto																								ditto	ditto	ditto		
1.2.2	Review basic socio-economic conditions of re-selected villages	ditto																								ditto	ditto	ditto		
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)	ditto																								FPM	ditto	ditto		
1.3	Organize/reorganize CFUSGs in the selected villages	<div style="display: flex; justify-content: space-between;"> Before March March I March II </div>																								FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, project staff		
1.3.1	Elect Management Committee (MC)	ditto																								ditto	ditto	ditto		
1.3.2	Register members	ditto																								ditto	ditto	ditto		
1.3.3	Develop by-laws	ditto																								ditto	ditto	ditto		
1.3.4	Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	ditto																								SOs (LPT, BGL, PYP)	ROs, DROs, Foresters (KDK, KKK, PND, PNL)	ditto		
a	Reconfirm status of MC and its members and reorganize MC	ditto																								ditto	ditto	ditto		
b	Reconfirm status of CFUSG members and prepare updated member list	ditto																								ditto	ditto	ditto		
c	Organize meetings with CFUSG for formulation of by-law	ditto																								ditto	ditto	ditto		
d	Formulate by-law	ditto																								ditto	ditto	ditto		
e	Incorporate MC member list, CFUSG member list and by-law into CF proposal	ditto																								ditto	ditto	ditto		
1.4	Assist the CFUSGs in preparing/ updating their CF Management Plans and proposals for CF certificates through participatory planning process	<div style="display: flex; justify-content: space-between;"> Before March </div>																								FPM	SOs (LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL)	JE: PCD, Project Staff LC: operation cost		
1.4.1	Review the Management Plan (MP) developed by the Project and make necessary updates	ditto																								ditto	ditto	ditto	Same activities as 1.4.2	
1.4.2	Update the present MP	ditto																								ditto	ditto	ditto	CFUSGs at Pyin Oan RF	
a	Reconfirm/ re-delimit CF area boundary with CFUSG members and relevant stakeholders	ditto																								ditto	ditto	ditto	JE: PCD, GIS, MF	
b	Reconfirm and reformulate CF activities to be covered by CFUSG	ditto																								ditto	ditto	ditto	JE: PCD, GIS, MF, PCD	
c	Update content of CF MP	ditto																								ditto	ditto	ditto	JE: PCD	
d	Update CF management maps	ditto																								ditto	ditto	ditto	JE: PCD	
e	Township FD office and CFUSG MC members to confirm and share content of CF proposal (MP and map)	ditto																								ditto	ditto + SO (GIS Section)	ditto	JE: GIS, MF, PCD	
f	CFUSGs to submit updated CF proposal to township FD	ditto																								ditto	ditto	ditto	JE: PCD	
1.5	Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	ditto																								Director of AYW	FPM	JE: CA, C (Coordinator)		
1.5.1	Prepare evaluation criteria for issuing CF certificate	ditto																								ditto	ditto	ditto	JE: CA, C	
1.5.2	Issue certificates for CFUSGs with MP developed by Project	ditto																								ditto	ditto	ditto	JE: CA, C	
1.5.3	Re-issue certificates for CFUSGs with updated MP	ditto																								ditto	ditto	ditto	CFUSGs at Pyin Oan RF	

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Activities as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementors	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		Apr	May	Apr	May	Apr	May	Apr	May	Apr	May	Apr	May						
a District FD office to submit updated CF proposals received from township offices to regional FD office	Submission letters																		
b District FD office to receive CF certificates from Regional FD office	Issued CF certificates																		
c Conduct CF certification ceremony cum CF/Mangrove public awareness activity at CF target villages	Ceremony records																		
1.6 Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)																		
1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG	Prepared plan																		
1.6.2 Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)																		Same activities as 1.6.3
1.6.3 Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)																		
a Provide necessary amount and type of seedlings to CFUSG as per CF MP	Seedling distributed as per request in CF MP (seedling distribution records)																		
b Provide necessary technical guidance to CFUSG for implementation of CF activities	Prepared records																		
c Provide necessary support to CFUSG for monitoring of CF activities	Prepared records																		
d Provide necessary information/ support to CFUSG related to production, harvesting and selling of CF products	Knowledge about production, harvesting, selling of CF products increases (prepared records, statistical materials)																		
e Support harvesting and selling of CF products (sales voucher, removal pass, etc.), if applicable	Implementation of harvesting and selling (prepared records, sales/ removal records)																		
1.7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Income/ profit gained to CFUSG from implementation of capacity strengthening programs																		
1.7.1 Design the programs based on needs	Prepared implementation programs																		
1.7.2 Review and update the programs	Revised programs																		
a Revise implementation plan of capacity strengthening programs by CFUSG	Prepared plan																		
b Prepare assisting plan for implementation of capacity strengthening programs by CFUSG	Prepared plan																		
1.7.3 Assist the CFUSGs I	Income/ profit gained from implemented programs (implementation records)																		Same activities as 1.7.4
1.7.4 Assist the CFUSGs II	ditto																		
a Formulation/ activation of subgroups	Subgroup member list, by-law																		
b Agroforestry	Knowledge/ production/ profit gained																		
c Fish culture	Knowledge/ production/ profit gained																		
d Fast growing & value added wood production	Knowledge/ production/ profit gained																		
e Harvesting of products	Knowledge/ production/ profit gained																		
f Trading and selling of products	Knowledge/ production/ profit gained																		
1.7.5 Assist non-CF target villages already with Project intervention (2 in total)	Income/ profit gained from implemented programs (implementation records)																		
a Formulation/ activation of subgroups	Subgroup member list, by-law																		
b Fish culture	Knowledge/ production/ profit gained																		
1.8 Monitor and evaluate the implementation of the certified CF Management Plans	Implementation in accordance with CF MP (Monitoring Records/ reports)																		

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Activity as per PDM2	Expected Results During Project Period	Schedule												Person in charge	Implementors	Other Major Inputs		Remarks	
		2007		2008		2009		2010		2011		2012				Japanese	Myanmar		
		Apr	Jul	Jan	Apr	Jan	Apr	Jan	Apr	Jan	Apr	Jan	Apr						
4.1.3 Consolidate and share meeting records among participants/ project stakeholders	Prepared letters, comments														ditto	ditto	ditto		
4.2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.	Updated land use map and data to be utilized at coordination meeting and various project activities														PC	SO + ROs (GIS Section), FPM	JE: GIS		
4.2.1 Procure the satellite images	Procured satellite images for 2007, 2009, 2012														ditto	ditto	ditto		
4.2.2 Develop/update the land use map based on analysis of the images	Prepared land use map and data														ditto	ditto	ditto		
4.2.3 Confirm CF/ ARP area boundaries and integrate in land use map	Prepared land use map and data														FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRO, Forester	JE: GIS, MF, CA		
4.3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta	Project achievements to be shared among relevant sectors (prepared agenda of seminars, memos of seminars)														PM, PC	FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP)	JE: CA, C(PCD, MF, TE, GIS, FC) LC: Seminar organizing cost		
4.3.1 Prepare annual implementation plans	Prepared plans														ditto	FPM	ditto		
4.3.2 Organize seminars annually	Prepared agenda, memos, records														ditto	FPM, SO	ditto		
4.3.3 Organize project final seminar	Prepared agenda, memos, records														PM	PC, FPM, SO	ditto		
4.4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level	Interventions in Reserved Forest area to be shared and discussed among participants (prepared meeting agenda, records/ minutes)														FPM	SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) DRO, Forester	JE: CA, C LC: meeting organizing cost		
4.4.1 Prepare list of donors/NGOs active in the target area	List of donors/NGOs														ditto	SO, RO	ditto		
4.4.2 Hold coordination meeting at district level	Prepared meeting agenda, records/ minutes														ditto	SO, RO, DRO	ditto		
4.4.3 Consolidate and share meeting records among participants/ project stakeholders	Prepared meeting records/ minutes														ditto	SO, RO	ditto		
Output X: Recovery from Cyclone Nargis is promoted (Additional Output after Cyclone Nargis in May 2008)																			
X.1 Prepare a hazard map based on analysis of damage of the cyclone Nargis	Prepared hazard map															PD, PM	GIS section	JE: GIS Eq: ALDS AVNIR-1/2008	
X.2 Conduct quick damage & recovery survey in the Target Area	Damage and recovery of survey villages to be identified (documented survey results (in reports))															FPM, SOs	ROs	JE: PCD	
X.3 Conduct village profile survey in the Target Area	Village profile after cyclone of survey villages to be identified (documented survey results (in reports))															FPM, SO	ROs	JE: PCD, project staff	
X.4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area	Recovery data of mangrove vegetation to be reflected into ARP and technical guideline (Result of analysis and evaluation in technical report)															SOs (LPT, BGL, PYP)	ROs (LPT, BGL, PYP) DRO, Forester	MF LC: Labour cost for survey	Report can be used in District Management Plan
X.4.1 Set plots for survey	Records of survey															ditto	ditto	ditto	
X.4.2 Continue monitoring of plots	Records/ reports of monitoring															ditto	ditto	ditto	
X.4.3 Analyze results of survey and compile data/ information into draft technical report/ guideline	Draft technical report/ guideline															ditto	ditto	ditto	Plan Report prepared by Sep. 2011
X.5 Rehabilitate the CF Extension Centre and Nursery in each RE including facility with cyclone proof structure	Completion of rehabilitation of facilities in CPECNs															FPM, SOs	SO, RO	JE: GIS, TE LC: SO, RO, DRO, FR	
X.6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply	Materials/ equipments for recovery procured and distributed based on needs															FPM	SOs + ROs	JE: PCD, MF Eq: Paga boat x 3, FRP boat x 2, coconut seedling	
X.7 Conduct public awareness activities on disaster prevention in the Target Area	Distribution of hazard map related public awareness material															FPM	SOs + ROs	JE: TE, CA, C	Activities to be integrated in Activity 2.8 after FY2011
X.8 Arrange necessary coordination among donors in the integrated mangrove management	Share experience related to cyclone recovery and reflect such in integrated mangrove management (Prepared meeting records)															FPM	SO, RO, DRO	JE: CA, C	The Project participated in relief and recovery coordination meetings organized by UN.
D. Activity related to project management and public relations																			

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).															Project Manager (PM): U Zaw Win 4		JE: Chief Advisor (CA)			
1.1	Select villages to introduce CF from the ones that express interest.	Villages selected for CF by the project. (list of selected villages)	Villages re-selected for CF by the project (list of selected villages)														Field Project Manager (FPM): U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khin Htun, PYP, U Kyi Lin), RO, DRO, Forester (KDR, JKK, PND, PNL)	JE: PCD (participatory community development), CA	
1.1.1	Confirm interest and willingness of villages and select villages for the Project	Villagers' consent (memo of meeting)															ditto	ditto	ditto	
1.1.2	Reconfirm interest and willingness of selected villages	Result of reconfirmation at 12 villages	Result of reconfirmation at 12 villages and re-selected 6 villages														ditto	ditto	ditto (CA, project staff)	
a	Organize meetings with CFUSGs/ villagers for reconfirmation of willingness to continue CF under the Project	Confirmation of village status at 12 villages and conduct meetings at 6 villages	Confirmation of village status at 12 villages and conduct meetings at 6 villages														SOs (LPT, U Aung Gyi, BGL, U Khin Htun, PYP, U Kyi Lin)	ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	ditto	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> Initial plan (Continuous activities) </div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;"> Initial plan (Intermittent activities) </div>
	i) Review status of selected villages based on existing records, reports and prioritize villages for meetings		Confirmation of status of prioritized villages														ditto	ditto	ditto	
	ii) Prepare materials for meetings		Prepared handouts and other materials														ditto	ditto	ditto	
	iii) Organize meetings		Records of meeting														ditto	ditto	ditto	
b	CFUSGs villages to express consent for continuation of CF activities	Villagers' consent (memo of meeting)	Villagers' consent in 6 villages (memo of meeting)														ditto	ditto	ditto	
1.1.3	Re-select villages to be covered in the Project	6 villages re-selected for the project	6 villages re-selected for the project														U Khin Maung Lwin (FPM)	SO (LPT, U Aung Gyi, BGL, U Khin Htun, PYP, U Kyi Lin),	ditto	
a	List up villages re-selected to be covered in the Project	List of re-selected villages	List of re-selected villages														ditto	ditto	ditto	
b	Get approval of re-selected villages at JCC	Meeting minutes of JCC	Meeting minutes of JCC														ditto	ditto	ditto	
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Results of survey to contribute to monitoring progress/ impact of Project (Compiled result of survey)	Review and re-compile socio-economic conditions of re-selected villages														U Khin Maung Lwin (FPM)	ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE: PCD, project staff LC: Baseline and market survey (Contract work)	
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Compiled result of survey															ditto	ditto	ditto	
1.2.2	Review basic socio-economic conditions of re-selected villages	Reviewed socio-economic conditions of 6 villages re-selected.	Reviewed socio-economic conditions of 6 villages re-selected.														ditto	ditto	ditto PCD (Y. Kitachi)	
a	Organize meetings with CFUSGs/ villagers for reconfirmation of socio-economic conditions of re-selected villages	Prepared meeting records	Prepared meeting records														SOs (LPT, U Aung Gyi, BGL, U Khin Htun, PYP, U Kyi Lin)	ditto	ditto	
	i) Review status of selected villages based on existing records, reports		Reviewed results/ analysis to be incorporated in further activities/ outputs														ditto	ditto	ditto	
	ii) Prepare materials for meetings		Prepared handouts and other materials														ditto	ditto	ditto	
	iii) Organize meetings		Prepared meeting records														ditto	ditto	ditto	
b	Compile reconfirmed socio-economic conditions	Prepared records / reports	Prepared records/ reports														ditto	ditto	ditto	
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)	Compiled result of survey	Compiled results of survey														U Khin Maung Lwin (FPM)	ditto	ditto PCD (H. Yasu)	
a	Prepare survey plan and formats		Prepared plan and formats														SOs (LPT, U Aung Gyi, BGL, U Khin Htun, PYP, U Kyi Lin)	ditto	ditto	
b	Conduct survey		Prepared survey records/ data														ditto	ditto	ditto	
c	Analyze results and compile in report		Compiled results of survey														ditto	ditto	ditto	

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
1.3 Organize/reorganize CFUSGs in the selected villages	Functional CFUSGs organized/reorganized (Existence of CFUSG/ MC member lists and by-laws)	Reconfirmation of existence of CFUSG/ MC member lists and by-laws														U Khin Maung Lwin (FFM)	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE, PCD (Y. Kitauchi), project staff		
1.3.1 Elect Management Committee (MC)	6 MCs elected															ditto	ditto	ditto		
1.3.2 Register members	Members of 6 CFUSGs registered															ditto	ditto	ditto		
1.3.3 Develop by-laws	By-laws developed by 6 CFUSGs	By-laws developed by 6 CFUSGs														ditto	ditto	ditto		
1.3.4 Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	MC elected, members registered and by-laws developed in 6 CFUSGs	MC elected, members registered and by-laws developed in 6 CFUSGs														SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin)	ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	ditto		
a Reconfirm status of MC and its members and reorganize MC	Reorganized MC member lists	Reorganized MC member lists														ditto	ditto	ditto		
i) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
ii) Reorganize MCs		Reorganized MC member lists														ditto	ditto	ditto		
b Reconfirm status of CFUSG members and prepare updated member list	Revised member lists	Revised member lists														ditto	ditto	ditto		
i) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
ii) Update CFUSG member lists		Revised member lists														ditto	ditto	ditto		
c Organize meetings with CFUSG for formulation of by-law	Prepared meeting records	Prepared meeting records														ditto	ditto	ditto		
i) Prepare draft by-law for selected CFUSGs		Prepared draft by-law														ditto	ditto	ditto		
ii) Organize meetings at selected villages		Prepared meeting records														ditto	ditto	ditto		
d Formulate by-law	Prepared by-law	Prepared by-law														ditto	ditto	ditto		
e Incorporate MC member list, CFUSG member list and by-law into CF proposal	Revised/ updated CF proposals	Revised/ updated CF proposals														ditto	ditto	ditto		
1.4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process	CF MPs which enable sustainable CF activities to be prepared in selected villages	CF MPs which enable sustainable CF activities to be prepared in selected villages	■	■	■	■	■	■	■	■	■	■	■	■	■	U Khin Maung Lwin (FFM)	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE, PCD (Y. Kitauchi), Project Staff, LC, operation cost		
1.4.1 Review the Management Plan (MP) developed by the Project and make necessary updates	4 CFMPs reviewed and updated	4 CFMPs reviewed and updated														ditto	ditto	JE, PCD (Y. Kitauchi), GIS, MF (nongrove forestry)		Same activities as 1.4.2
1.4.2 Update the pre-existing MP	2 CFMP updated	2 CFMPs updated														ditto	ditto	JE, PCD (Y. Kitauchi), GIS, MF		CFUSGs at Pyin Oun Aung
a Reconfirm/ re-delimitate CF area boundary with CFUSG members and relevant stakeholders	Installed boundary stakes and GPS data	Installed boundary stakes and GPS data														ditto	ditto	JE, GIS, MF, PCD (Y. Kitauchi)		
i) Confirm CF area boundary at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto		
ii) Re-delimitate boundary by GPS		Boundary data in GPS														ditto	ditto	ditto		
iii) Install temporary stakes along boundary		Stakes installed at sites														ditto	ditto	ditto		
iv) Install concrete stakes along boundary		Concrete stakes installed at sites														ditto	ditto	ditto		
b Reconfirm and reformulate CF activities to be covered by CFUSG	Prepared meeting records	Prepared meeting records														ditto	ditto	JE, PCD (Y. Kitauchi)		
i) Review existing CF MP		Confirmation of implementation status/ issues of CF activities														ditto	ditto	ditto		
ii) Confirm CF activities at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto		
iii) Compile CF activities to be conducted in targeted		Updated CF activity list														ditto	ditto	ditto		
e Update content of CF MP	Updated CF MPs	Updated CF MPs														ditto	ditto	ditto		
d Update CF management maps	Updated CF management maps	Updated CF management maps														ditto	ditto + SO (GIS Section)	JE, GIS, MF, PCD (Y. Kitauchi)		
i) Updated GPS data to be compiled in GIS		Updated GIS database														ditto	ditto	ditto		
ii) Produce updated CF Management Maps (Area map, resource map, planning map)		Updated CF management maps														ditto	ditto	ditto		
e Township FD office and CFUSG MC members to confirm and share content of CF proposal (MP and map)	Finalized CF proposal	Finalized CF proposal														ditto	ditto	JE, PCD (Y. Kitauchi), CA		

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Activity as per PDM3	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			2011						2012								Japanese	Myanmar	
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
i) Confirm and share CF proposal at meetings with CFUSGs		Prepared meeting records														ditto	ditto	ditto	
ii) Finalize CF proposal (with updated CF management map)		Updated CF activity list														ditto	ditto	ditto	
f) CFUSG to submit finalized CF proposal to township FD	Submission letters	Submission letters														ditto	ditto	ditto	
1.5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	6 CFUSGs issued/ re-issued CF certificates	6 CFUSGs issued/ re-issued CF certificates														Director of AYW: U Zaw Win S	FPM: U Khin Maung Lwin	JE: CA, C (Coordinator)	
1.5.1 Prepare evaluation criteria for issuing CF certificate	Prepared evaluation criteria	Prepared evaluation criteria														ditto	ditto	JE: CA, C	
1.5.2 Issue certificates for CFUSGs with MP developed by Project	4 certificates issued	4 certificates issued														ditto	ditto	JE: CA, C	Same activities as 1.5.3
1.5.3 Re-issue certificates for CFUSGs with updated MP	2 certificate re-issued	2 certificate re-issued														ditto	ditto	JE: CA, C	CFUSGs at Pyinlan RP
a) District FD office to submit updated CF proposals received from township offices to regional FD office	Submission letters	Submission letters														ditto	ditto	JE: CA, C	
b) District FD office to receive CF certificates from Regional FD office	Issued CF certificates	Issued CF certificates														ditto	ditto	JE: CA, C	
c) Conduct CF certification ceremony cum CF/Mangrove public awareness activity at CF target villages or CFECNs	Ceremony records	Ceremony records														FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO, Lander	JE: CA, C	
1.6 Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)	CF activities implemented as per CFMP (annual report)														U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO, Lander	JE: PCD D (Y. Kitauchi), MF, MA (marketing)	
1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG	Prepared plan	Prepared plan														ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)	
1.6.2 Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records														ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)	Same activities as 1.6.3
1.6.3 Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records														ditto	ditto	ditto	
a) Provide necessary amount and type of seedlings to CFUSG as per CF MP	Seedling distributed as per request in CF MP (seedling distribution records)	Seedling distributed as per request in CF MP (seedling distribution records)														ditto	ditto	ditto	
b) Provide necessary technical guidance to CFUSG for implementation of CF activities	Prepared records	Prepared records														ditto	ditto	ditto	
c) Provide necessary support to CFUSG for monitoring of CF activities	Prepared records	Prepared records														ditto	ditto	ditto	
d) Provide necessary information/ support to CFUSG related to production, harvesting and selling of CF products	Knowledge about production, harvesting, selling of CF products increases (prepared records, distributed materials)	Prepared records, distributed materials														ditto	ditto	ditto	
i) Collect local resources/ information related to production harvesting, selling of CF products		Compiled information/ data														ditto	ditto	ditto	
ii) Prepare necessary materials for dissemination		Prepared materials/ records														ditto	ditto	ditto	
iii) Provide information at meetings & ceremonies		Prepared meeting/ ceremony records														ditto	ditto	ditto	
e) Support harvesting and selling of CF products (sales voucher, removal pass, etc.), if applicable	Implementation of harvesting and selling (prepared records, sales/ removal records)	Prepared records, sales/ removal records														ditto	ditto	ditto	
i) Prepare necessary materials/ forms		Prepared materials/ forms														ditto	ditto	ditto	
ii) Finalize sales voucher and removal pass		Finalized forms														ditto	ditto	ditto	
iii) Support actual harvesting and selling of CF products																ditto	ditto	ditto	

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			FY 2011														Japanese	Myanmar	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1.7	Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Income/ profit gained to CFUSG from implementation of capacity strengthening programs	Implementation in accordance with program, income/ profit gained from implementation.												U. Khin Maung Lwin (FFPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Thun Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO.	JE: PCD (Y. Kitauchi), MF, FC (fish culture) and MA LC: material cost/ operation cost for implementation of programs	MAS, DoF, SLRD	
1.7.1	Design the programs based on needs	Prepared implementation	Prepared implementation												ditto	ditto	ditto		
1.7.2	Review and update the programs	Revised programs	Revised programs												ditto	ditto	ditto		
a	Revise implementation plan of capacity strengthening programs by CFUSG	Prepared plan	Prepared plan												ditto	ditto	ditto		
i)	List up applicable capacity strengthen programs per CFUSG		List of programs												ditto	ditto	ditto		
ii)	Revise implementation plan		Revised plan												ditto	ditto	ditto		
b)	Prepare assisting plan for implementation of capacity strengthening programs by CFUSG	Prepared plan	Prepared plan												ditto	ditto	ditto		
1.7.3	Assist the CFUSGs I	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	ditto	Same activities as 1.7.4	
1.7.4	Assist the CFUSGs II	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	ditto		
a	Formulation/ activation of subgroups	Subgroup member list, by-law	Subgroup member list, by-law												ditto	ditto	ditto		
i)	Organize/ reorganize subgroups		List of MC and subgroup												ditto	ditto	ditto		
ii)	Prepare subgroup by-laws		Prepared by-laws												ditto	ditto	ditto		
b	Agroforestry	Knowledge/ production/ profit gained	Drafted implementation plan												ditto	ditto	ditto	MAS	
i)	Confirm activities to be implemented in each CFUSGs		Prepared meeting record, list of activities												ditto	ditto	ditto		
ii)	Prepare implementation plan for FY2012		Drafted implementation plan												ditto	ditto	ditto		
c	Fish culture	Knowledge/ production/ profit gained	Prepared records												ditto	ditto	ditto	DOF	
i)	Support on-going activities		Prepared monitoring records												ditto	ditto	ditto		
ii)	Support for trial selling		Prepared monitoring records												ditto	ditto	ditto		
d	Fast growing & value added wood production	Knowledge/ production/ profit gained	Prepared records, implementation plan												ditto	ditto	ditto		
i)	Support on-going activities		Prepared monitoring records												ditto	ditto	ditto		
ii)	Collect local resources/ information related to fast growing & value added wood production		Collected information												ditto	ditto	ditto		
iii)	Confirm activities to be implemented in each CFUSGs		Prepared meeting record, list of activities												ditto	ditto	ditto		
iv)	Prepare implementation plan for FY2012		Drafted implementation plan												ditto	ditto	ditto		
e	Harvesting of products	Knowledge/ production/ profit gained	Collected information												ditto	ditto	ditto		
i)	Collect local resources/ information related to production and harvesting		Collected information												ditto	ditto	ditto		
ii)	Prepare necessary materials for dissemination to CFUSG														ditto	ditto	ditto		
f	Trading and selling of products	Knowledge/ production/ profit gained	Collected information												ditto	ditto	ditto		
i)	Collect local resources/ information related to trading and selling		Collected information												ditto	ditto	ditto		
ii)	Prepare necessary materials for dissemination to CFUSG														ditto	ditto	ditto		
1.7.5	Assist non- CF target villages already with Project intervention (2 in total)	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)												ditto	ditto	JE, FC		
a	Formulation/ activation of subgroups	Subgroup member list, by-law	Subgroup member list, by-law												ditto	ditto	ditto		
i)	Organize/ reorganize subgroups		List of MC and subgroup												ditto	ditto	ditto		

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14 July, 2011		APO-2011												5/11								
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks			
			2011														Japanese	Myanmar				
			FY2011																			
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar								
n) Prepare subgroup by-laws		Prepared by-laws															ditto	ditto	ditto			
b) Fish culture	Knowledge/ production/ profit gained	Prepared records															ditto	ditto	ditto	DOF		
i) Support on-going activities		Prepared monitoring records															ditto	ditto	ditto			
ii) Support for trial selling		Prepared monitoring records															ditto	ditto	ditto			
1.8 Monitor and evaluate the implementation of the certified CF Management Plans	Implementation in accordance with CF MP (Monitoring Records/ reports)	Implementation in accordance with CF MP (Monitoring Records/ reports)															U. Khin Maung Lwin (FFM)	SOs (LPT: U Aung Gyi, BGL: U Khin Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO, Forester	JE: PCID (Y. Kitauchi), MF (A. Sakura)			
1.8.1 Draft/ update monitoring plan and forms in accordance with certified CF MPs	Prepared monitoring plan and forms	Prepared monitoring plan and forms															ditto	ditto	ditto			
1.8.2 Monitor progress/ achievement	Prepared monitoring records, reports	Prepared monitoring records, reports															ditto	ditto	ditto			
1.9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs	Project intervention to contribute to livelihood of CFUSG members (Result of evaluation, lessons learnt (reports))	Prepared plan and forms															U. Khin Maung Lwin (FFM)	SOs (LPT: U Aung Gyi, BGL: U Khin Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw), DRO,	JE: PCID (H. Yasu), MF			
1.9.1 Draft/ update implementation plan and forms	Prepared plan and forms	Prepared plan and forms															ditto	ditto	ditto			
1.9.2 Conduct field survey	Survey records	Survey records															ditto	ditto	ditto			
1.9.3 Compile impacts, issues, lessons learnt regarding effects of CF on the livelihood of the members of the CFUSGs	Compiled results (in report)	Compiled results (in report)															ditto	ditto	ditto			
Output2: The management and the support system of the Forest Department (FD) for CF is effective.															PM: U Zaw Win 4 (Overall)							
2.1 Identify necessary activities for CF management and CF extension & support by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP)	Identified activities for CF management and CF extension & support	Re-identified activities for CF management and CF extension & support															Project Coordinator: U Bo Ni	AYW Director: U Zaw Win 5, PC: U Bo Ni, FRM: U Khin Maung Lwin, SOs, ROs	JE: CA			
2.1.1 Review CF contents of IMMP	Prepared memos/ record for	Prepared memos/ record for															ditto	ditto	ditto			
2.1.2 Identify necessary activities for CF management and CF extension and support	Prepared list of identified activities	Prepared list of identified activities															ditto	ditto	ditto			
2.1.3 Incorporate identified activities in respective APOs and implementation plans	Updated APOs and plans	Updated APOs and plans															ditto	ditto	ditto			
2.2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF) for the identified activities.	Confirmed roles and responsibilities of MCFTF to improve CF management and support	Reconfirmed roles and responsibilities of MCFTF															PC: U Bo Ni	AYW Director: U Zaw Win 5, PC: U Bo Ni, FRM: U Khin Maung Lwin, SOs, ROs	JE: CA, TE (Training and Extension), (PCD (H. Yasu))		During 2007, as part of Needs Assessment of CF task force, confirmed roles and responsibilities of CF Task Force	
2.2.1 Identify required roles and responsibilities of technical MCFTF	Identified roles and responsibilities	Identified roles and responsibilities															ditto	ditto	ditto			
2.2.2 Compile, identified roles and responsibilities of respective levels of MCFTF in project operation manual	Updated project operation manual	Updated project operation manual															ditto	ditto	ditto			
2.3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities.	Confirm needs which enable to improve CF management and support of MCFTF (result of assessment)	Compiled training needs															PC: U Bo Ni	AYW Director: U Zaw Win 5, PC: U Bo Ni, FRM: U Khin Maung Lwin, SOs, ROs	JE: CA, TE, (PCD (H. Yasu))		Conducted Need Assessment of CF Task Force during FY2007	
2.3.1 Conduct needs assessment of MCFTF	Compiled assessment record	Compiled assessment record															ditto	ditto	ditto			
2.3.2 Review and reconfirm need of MCFTF	ditto	Reconfirmed needs of MCFTF															ditto	ditto	ditto			
2.3.3 Organize workshop(s) to confirm training needs and draft training plans/ SOP preparation plan	Confirmed training needs and requirement for SOP (prepared workshop records)	Confirmed training needs and requirement for SOP (prepared workshop records)															ditto	ditto	ditto			
i) Prepare materials for workshop		Prepared workshop materials																				
ii) Organize workshop		Prepared workshop records																				

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14 July, 2011		APO-2011												7/11							
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks		
			2011						2012								Japanese	Myanmar			
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar							
2.8	Carry out public awareness campaigns regarding CF and the conservation of mangrove forests	Implemented campaigns to contribute to mangrove conservation/rehabilitation (campaign materials, campaign records)	Campaign materials, campaign records														FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE LC: material and operation cost for public awareness		Extension Division under FD may be able to collaborate with the Project in some part of the activities
2.8.1	Identify the target for public awareness	Identified target groups	Identified target groups														ditto	ditto	ditto		
2.8.2	Develop/ update a public awareness plan	Prepared plan	Prepared plan														ditto	ditto	ditto		
2.8.3	Carry out the plan	Implementation records, result of evaluation	Implementation records, result of evaluation														ditto	ditto	ditto		
	a Carry out activities in accordance with the plan	Prepared records	Prepared records														ditto	ditto	ditto		
	b Monitor and evaluate result of public awareness activities	Results of evaluation	Results of evaluation														ditto	ditto	ditto		
2.9	Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities	SOP (English, Myanmar) to be approved and utilized by FD	Prepared initial draft SOP (English)														PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, FCD, MF, AF, FC LC: preparation cost for SOP		
2.9.1	Develop an initial draft	Prepared draft SOP	Prepared draft SOP														ditto	ditto	ditto		
	a Based on SOP preparation plan (activity 2.4), draft SOP	Drafted SOP	Prepared draft SOP														ditto	ditto	ditto		
	b Share and review prepared SOP among MCTF and other relevant FD offices	Prepared comments/ records	Prepared comments/ records														ditto	ditto	ditto		
2.9.2	Finalize the draft	Finalized and approved SOP															ditto	ditto	ditto		
Output 3: Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.																Overall: PC: U Bo Ni					
3.1	Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta	Silvicultural techniques important for mangrove rehabilitation to be identified (survey records and plans prepared based on surveys)															FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui) LC:		In the FY2007 conduct surveys to determine over all test designs for ARP.
3.2	Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management)	AR designs and plans to be developed in accordance with identified silvicultural techniques	Prepared AR annual plans														FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui, N. Matsui)		
	3.2.1 Prepare the specific design	Prepared AR design															ditto	ditto	ditto		
	3.2.2 Prepare an annual execution plan	Prepared annual plan	Prepared annual plan														ditto	ditto	ditto (Main: A. Sakurai)		
3.3	Execute the AR in each RF	AR implemented as per designs/plans (implemented sites, records/ reports based on implementation of AR)	AR implemented as per designs/plans (implemented sites, records/ reports based on implementation of AR)														FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: MF (N. Matsui, A. Sakurai) LC: material and operation cost for AR activities		
	3.3.1 Implement activities in accordance with annual execution plan	AR implemented sites, records/ reports based on implementation of AR	AR implemented sites, records/ reports based on implementation of AR														ditto	ditto	ditto (Main: N. Matsui)		
	a Seedling production		Seedling production records														ditto	ditto	ditto (Main: N. Matsui)		
	b Site preparation		Plantation work reports														ditto	ditto	ditto (Main: N. Matsui)		
	c Planting/ treatments		ditto														ditto	ditto	ditto (Main: N. Matsui)		
	3.3.2 Prepare and install ARP signboards	Installed ARP signboards and plot description signboards	Installed ARP signboards and plot description signboards														ditto	ditto	ditto (Main: A. Sakurai)		

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Jan	Feb	Mar	Apr	May	Jun	Jan	Feb	Mar	Apr	May	Jun						
2.3.4	Compile training needs of MCFTF	Compiled and reconfirmed training needs (prepared training needs and training plan)	Compiled and reconfirmed training needs (prepared training needs and training plan)													ditto	ditto	ditto		
2.4	Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed													PC: U Boni	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, (PCD, MF, FC), CA		Training may include OJT, training through existing CF training course, and development of CF training program for mangrove, etc. Development of CF training program/ materials for mangrove CF based on the existing ones such as CFDTCC is being considered
2.4.1	Develop overall training plan and training materials	Prepared training plan and materials	Prepared training plan and materials													ditto	ditto	ditto		
a	Based on results of workshop (2.3), design training plan	Prepared plan	Prepared plan													ditto	ditto	ditto		
b	Based on results of workshop (2.3), design SOP preparation plan	Prepared plan	Prepared plan													ditto	ditto	ditto		
c	Develop training materials based on finalized training plan	Prepared training materials	Prepared training materials													ditto	ditto	ditto		
2.4.2	Update the training materials based on feedbacks	Updated training plan and materials	Updated training plan and materials													ditto	ditto	ditto		
2.5	Train the technical MCFTF according to the plan	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: TE, (PCD, MF, AF)	LC: training material and operation cost	
2.5.1	Implement & monitor the training program	Implemented training courses (number of participant)	Implemented training courses (number of participant)													ditto	ditto	ditto		
a	Implement training program based on plan	Prepared implementation records	Prepared implementation records													ditto	ditto	ditto		
b	Organize feedback interview/ survey to review and monitor results of training programs	Prepared feedback records	Prepared feedback records													ditto	ditto	ditto		
2.5.2	Evaluate the training program & conduct the follow-up as appropriate	Result of evaluation (ACR, SOP)	Result of evaluation (ACR, SOP)													ditto	ditto	ditto		
2.6	Construct/renovate the CF Extension Centre & Nursery in each RF	Completion of facilities construction/ renovation at 4 CFECNs	Completion of facilities construction/ renovation at 4 CFECNs													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: CA, GIS	LC: Renovation and Construction Cost of Facilities	KJKL: Kwa Kwa Ka Lay CFECN TYK: Thar Yar Kone CFECN BYM: Byoue Hmwa CFECN TGT: Huang Gyi Tan CFECN HKT: Higest Kyi Taung CFECN
2.6.1	Prepare design and implementation plan	Prepared design and plan	Prepared design and plan													ditto	ditto	ditto		
2.6.2	Conduct construction/ renovation based on design/ plan	Constructed/ renovated facilities	Constructed/ renovated facilities													ditto	ditto	ditto		
2.6.3	Conduct maintenance and repair based on necessity	Maintenance records	Prepared plan													ditto	ditto	ditto		
a	Confirm condition of constructed/ renovated facilities	Prepared site reports	Prepared site reports													ditto	ditto	ditto		
b	Develop maintenance/ repair plan for each CFECN	Prepared plan	Prepared plan													ditto	ditto	ditto		
c	Estimate maintenance/ repair cost for each CFECN	Prepared bill of quantities	Prepared bill of quantities													ditto	ditto	ditto		
2.7	Provide extension services and support to the CFUSGs in each RF	Necessary extension services and support provided to target CFUSGs based on prepared extension materials.	Prepared extension materials.													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Myo Min Htun, U Kyaw Kyaw Myo, PYP: U Zaw Min Htun, U Kyaw Zaw)	JE: PCD (H. Yasu), TE		Through Activities 1.3-1.7
2.7.1	Develop extension materials	Prepared extension materials	Prepared extension materials													ditto	ditto	ditto		
a	Prepare implementation plan for extension services & support	Prepared plan	Prepared plan													ditto	ditto	ditto		
b	Develop extension materials based on plan	Prepared materials	Prepared materials													ditto	ditto	ditto		
2.7.2	Implement extension services & support (i.e. Activity 1-3-1.7)	Prepared work/ monitoring records	Prepared work/ monitoring records													ditto	ditto	ditto		

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14 July, 2011		APO-2011												8/11					
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			2011											2012			Japanese	Myanmar	
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
a) Prepare/ install ARP site signboards	Installed ARP signboards	Installed ARP signboards for FY2011 ARP														ditto	ditto	ditto (Main: A. Sakurai)	
b) Prepare/ install plot description signboards	Installed Plot description	Installed Plot description														ditto	ditto	ditto (Main: A. Sakurai)	
i) Design and prepare plot description signboards		ditto														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Install plot description signboards		ditto														ditto	ditto	ditto (Main: A. Sakurai)	
3.4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARH)	Monitoring results to be reflected to succeeding years' ARP and technical report/ guidelines (monitoring reports, technical report)	Prepared monitoring reports, technical report														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: labour cost for monitoring	
3.4.1 Prepare a monitoring and assessment plan	Monitoring plan	Prepared monitoring plan (updated)														ditto	ditto	ditto (Main: A. Sakurai)	
3.4.2 Implement monitoring and assessment based on the plan	Monitoring Records/ reports	Prepared monitoring Records/ reports														ditto	SO, RO, DRU, F	ditto (Main: N. Matsui)	
a) Prepare/ update plot allocation tables, plot records, nursery activity records	Prepared tables and records	Prepared tables and records														ditto	ditto	ditto (Main: N. Matsui)	
i) Prepare/ update research plot allocation table	Research plot allocation table	Research plot allocation table														ditto	ditto	ditto (Main: N. Matsui)	
ii) Prepare/ update research plot records	Research plot records	Research plot records														ditto	ditto	ditto (Main: N. Matsui)	
iii) Prepare/ update nursery activity records	Nursery activity records	Nursery activity records														ditto	ditto	ditto (Main: N. Matsui)	
b) Prepare/ update monitoring records	Monitoring records	Monitoring records														ditto	ditto	ditto (Main: N. Matsui)	
3.4.3 Prepare monitoring and assessment reports	Monitoring Records/ reports	Prepared Monitoring Records/ reports														ditto	SO, RO	ditto (A. Sakurai, N. Matsui)	
3.4.4 Prepare a technical report, compiling the above results (activity 3.5)	Monitoring reports, technical report	Prepared monitoring reports, technical report														ditto	ditto	ditto (A. Sakurai, N. Matsui)	
3.5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar	Final technical reports (English and Myanmar) to be approved and referred by FD	Develop initial draft technical report (English)														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: preparation cost for technical reports	
3.5.1 Develop an initial draft	Draft technical report (English and Myanmar)	Draft technical report (English)														ditto	ditto	ditto (Main: A. Sakurai)	
a) Organize workshop(s) to confirm/ share progress, achievement, issues in relation to ARP (activity 3.6)	Records/reports of workshops	Records/reports of workshops														ditto	ditto	ditto (Main: A. Sakurai)	
i) Review preliminary draft		Comments and issues to preliminary draft														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Prepare materials for workshop		Prepared materials														ditto	ditto	ditto (Main: A. Sakurai)	
iii) Organize workshop		Prepared workshop records														ditto	ditto	ditto (Main: A. Sakurai)	
b) Based on results of workshop, prepare initial draft of technical report	Draft technical report (English and Myanmar)	Draft technical report (English and Myanmar)														ditto	ditto	ditto (Main: A. Sakurai)	
i) Compile results of workshop		Prepared workshop outputs														ditto	ditto	ditto (Main: A. Sakurai)	
ii) Prepare and compile initial draft based on workshop results and findings/ monitoring results		Prepared draft technical report														ditto	ditto	ditto (Main: A. Sakurai)	
3.5.2 Finalize the draft	Approved technical report (English and Myanmar)															ditto	ditto	ditto (Main: A. Sakurai)	
3.6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR	Technical guideline (English and Myanmar) to be approved and utilized by FD	Develop initial draft technical guideline (English)														FPM, U Khin Maung Lwin	SOs (LPT, U Aung Gyi, BGL, U Khan Htun, PYP, U Kyi Lin), ROs (LPT, U Hla Shwe, U Than Min Aye, BGL, U Myo Min Htun, U Kyaw Kyaw Myo, PYP, U Zaw Min Htun, U Kyaw Zaw)	JE, MF (A. Sakurai, N. Matsui) LC: preparation cost for technical guideline	
3.6.1 Develop a preliminary draft	English draft technical guideline															ditto	ditto	ditto (Main: A. Sakurai)	
3.6.2 Develop an initial draft	Draft technical guideline (English and Myanmar)	Draft technical guideline (English)														ditto	ditto	ditto (Main: A. Sakurai)	
a) Based on preliminary draft, organize workshop(s) to confirm/ share progress, achievement, issues in relation to ARP (activity 3.5)	Records/reports of workshops	Records/reports of workshops														ditto	ditto	ditto (Main: A. Sakurai)	
i) Review preliminary draft		Comments and issues to preliminary draft														ditto	ditto	ditto (Main: A. Sakurai)	

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2011						2012								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
X.1	Prepare a hazard map based on analysis of damage of the cyclone Nargis	Prepared hazard map														PD, PM	GIS section	JE GIS Eq. ALOS AVNIR-2(2008)		
X.2	Conduct quick damage & recovery survey in the Target Area	Damage and recovery of survey villages to be identified (documented survey results (in reports))														FPM, SOs	ROs	JE PCD		
X.3	Conduct village profile survey in the Target Area	Village profile after cyclone of survey villages to be identified (documented survey results (in reports))														FPM, SO	ROs	JE PCD, project staff		
X.4	Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area	Recovery data of mangrove vegetation to be reflected into ARP and technical guideline (Result of analysis and evaluation in technical report)	■	■	■	■	■	■	■	■	■	■	■	■	■	SOs (LPT: U Aung Gyi, BGL: U Khan Htin, PYP: U Kyi Lin)	ROs (LPT: U Hla Shwe, U Than Min Aye, BGL: U Mye Min Htin, U Kyaw Kyaw Myo, PYP: U Zaw Min Htin, U Kyaw Zaw), DRO, Forester	MF (N. Matnu) LC. Labour cost for survey.		
X.4.1	Set plots for survey	Records of survey														ditto	ditto	ditto		
X.4.2	Continue monitoring of plots	Records/reports of monitoring														ditto	ditto	ditto		
X.4.3	Analyze results of survey and compile data/information into draft technical report/guideline	Draft technical report/guideline	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		Report to be prepared by Sep. 2011
X.5	Rehabilitate the CE Extension Centre and Nursery in each RI including facility with cyclone proof structure	Completion of rehabilitation of facilities in CFECNs														FPM, SOs	SO, RO	JE GIS, TE LC	SO, RO, DRO, FR	
X.6	Support recovery or disaster prevention work of implementation and Cooperative Organizations in the Target Area through material supply	Materials/ equipments for recovery procured and distributed based on needs														FPM	SOs + ROs	JE PCD, MF Eq. Paga boat x 3, FRP boat x 2, coconut		
X.7	Conduct public awareness activities on disaster prevention in the Target Area	Distribution of hazard map related public awareness material														FPM	SOs + ROs	JE TE, CA, C		Activities to be integrated in Activity 2.8 after FY2011
X.8	Arrange necessary coordination among donors in the integrated mangrove management	Share experiences related to cyclone recovery and reflect such in integrated mangrove management (Prepared meeting records)														FPM	SO, RO, DRO	JE, CA, C		The Project participated in relief and recovery coordination meetings organized by UN and other agencies
0. Activity related to project management and public relations																PM: U Zaw Win 4				
0.1	Organize JCC at least once a year	Project progress / plans shared and decisions made in timely manner (Signed minutes of Meeting of JCC)														PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE, CA, C		
0.1.1	Organize JCC for approval of PDM2, PO2, DPO2, and APO2011	ditto														ditto	ditto	ditto		
0.1.2	Organize JCC for approval of indicators for PDM2, and APO2012	ditto														ditto	ditto	ditto		
0.2	Develop a DPO based on PO for approval by JCC	Approved DPO to be fully utilized by technical MCFTF staff	■	■	■	■	■	■	■	■	■	■	■	■	■	PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE, CA, C		
0.2.1	Draft DPO based on PO	Drafted DPO	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
0.2.2	Conduct DPO review meeting and finalize DPO	Finalized DPO														ditto	ditto	ditto		
0.2.3	Approve DPO at JCC (Activity 0.1)	Approved DPO														ditto	ditto	ditto		
0.3	Develop an annual PO (APO) based on the DPO for approval by JCC	Approved APO for smooth implementation of Project	■	■	■	■	■	■	■	■	■	■	■	■	■	PD: U Aye Myint Aung	PM: U Zaw Win 4, PC: U Bo Ni, FPM: U Khin Maung Lwin	JE, CA, C		
0.3.1	Draft APO based on DPO	Drafted APO	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
0.3.2	Conduct APO review meeting and finalize DPO	Finalized APO														ditto	ditto	ditto		
0.3.3	Approve APO at JCC (Activity 0.1)	Approved APO														ditto	ditto	ditto		
0.4	Develop an annual report for review by JCC	Project progress and achievements to be timely shared at JCC (Prepared annual reports)														PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htin, U Kyi Lin	JE, CA, C		
0.4.1	Draft annual report based on progress and achievement of project activities	ditto														ditto	ditto	ditto		
0.4.2	Review the draft report and finalize	ditto														ditto	ditto	ditto		

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14 July, 2011		APO-2011												11/11					
Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			2011						2012								Japanese	Myanmar	
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
0.5	Organize internal project meeting regularly	Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records)	Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records)													PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: CA, C	
0.5.1	Organize Township level meeting monthly (SO+RO+JET)	ditto	ditto	■	■	■	■	■	■	■	■	■	■	■	■	SOs: U Aung Gyi, U Kan Htun, U Ki Lin	ROs under township	JE: Team members on site	
0.5.2	Organize District level meeting quarterly (FPM+SO+RO)+(PC)+JET)	ditto	ditto													FPM: U Khin Maung Lwin	SOs: U Aung Gyi, U Kan Htun, U Ki Lin, (RO), (PC)	ditto	
0.5.3	Organize Project Management meeting quarterly (PM+PC+FPM+JET)	ditto	ditto													PM: U Zaw Win 4	PC: U Bo Ni, FPM: U Khin Maung Lwin	ditto	
0.6	Monitor the achievement of the Indicators periodically	Indicators appropriately monitored to confirm achievement of outputs/	Prepared monitoring records, reports	■	■	■	■	■	■	■	■	■	■	■	■	PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: CA, C	
0.6.1	Draft monitoring plan and forms	Prepared monitoring plan and	Prepared monitoring plan and	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto	
0.6.2	Monitor progress/ achievement	Prepared monitoring records, reports	Prepared monitoring records, reports													ditto	ditto	ditto	
0.7	Prepare for joint evaluation	Provide data/ information ready available for evaluation	Provide data/ information ready available for evaluation													PC: U Bo Ni	FPM: U Khin Maung Lwin	JE: CA	
0.7.1	Compile progress and achievement of project activities	Prepared reports	Prepared reports													ditto	ditto	ditto	
0.7.2	Collaborate with joint evaluation mission and provide necessary information	Data/ information ready available for evaluation	Prepared reports													ditto	ditto	ditto	
0.8	Follow up the recommendations of the review/evaluation	Recommendations incorporated in Project and contribute to outputs/ outcome (Annual Completion Reports, relevant meeting minutes)	Results of follow up (Annual Completion Reports, relevant meeting minutes)	■	■	■	■	■	■	■	■	■	■	■	■	PC: U Bo Ni	FPM: U Khin Maung Lwin	JE: CA	
0.8.1	Integrate recommended activities into APO	Prepared APO	Prepared APO													ditto	ditto	ditto	
0.8.2	Confirm progress/ achievement of recommended activities and integrate results as part of monitoring	Results/ records of follow up	Results/ records of follow up													ditto	ditto	ditto	
0.8.3	Update APO based on progress/ achievement of recommended activities	Prepared APO	Prepared APO													ditto	ditto	ditto	
0.9	Conduct public relations for the Project	Announce about Project and its activities (Prepared agendas, public relation materials)	Announce about Project and its activities (Prepared agendas, public relation materials)	■	■	■	■	■	■	■	■	■	■	■	■	PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs: U Aung Gyi, U Kan Htun, U Ki Lin	JE: TE, CA	
0.9.1	Draft public relation plan	Prepared plan	Prepared plan													ditto	ditto	ditto	
0.9.2	Implement public relation plan	Prepared agendas, public relation materials	Prepared agendas, public relation materials	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto	
a	Update project webpage			■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto	
b	Prepare public relation material (project brochures)			■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto	
c	Prepare public relation material (project news letter)			■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto	
0.9.3	Monitor and evaluate result of public relation activities	Records of monitoring/ evaluation	Records of monitoring/ evaluation													ditto	ditto	ditto	

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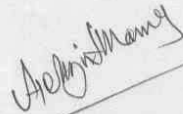
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添付 3-8 第 6 回 JCC 会議議事録

MINUTES OF MEETING
BETWEEN
JAPAN INTERNATIONAL COOPERATION AGENCY
AND
AUTHORITIES CONCERNED OF THE GOVERNMENT OF
THE REPUBLIC OF UNION OF MYANMAR
ON
THE 6th JOINT COORDINATING COMMITTEE MEETING
OF
THE INTEGRATED MANGROVE REHABILITATION AND MANAGEMENT
PROJECT
THROUGH COMMUNITY PARTICIPATION IN THE AYEYAWADY DELTA

May 3, 2012
Nay Pyi Taw

On behalf of the Forest Department
and Partner Organizations



U Aye Myint Maung
Director General
Forest Department
Ministry of Environmental Conservation
and Forestry



Mr. Katsuyoshi SAITO
Senior Representative
Myanmar Office
Japan International Cooperation Agency



Mr. Tomohiro SHIBAYAMA
Chief Advisor, JICA Expert Team

THE 6th JOINT COORDINATING COMMITTEE MEETING

1. Introduction

The 6th Joint Coordinating Committee (JCC) meeting aiming for (i) confirmation of the progress and achievements of FY2011-12, (ii) confirmation of major Project Activities scheduled for FY2012-13, and (iii) approval of PDM3 and APO2012, was held on May 3, 2012 at the Forest Department Headquarters in Nay Pyi Taw. Representatives from Planning and Statistics Department (PSD) and Forest Department (FD) of Ministry of Environmental Conservation and Forestry, Myanmar Agriculture Service (MAS) (DOA), Department of Fishery (DOF), Settlement and Land Record Department (SLRD), JICA Myanmar Office and JICA Expert Team attended the meeting.

2. Opening Remarks

U San Lwin, Director General of Planning and Statistics Department and Chairman of the JCC, opened the meeting expressing his appreciation to all the participants, especially to JICA officials for the encouragement and support for this mangrove project as well as for future cooperation projects between FD and JICA. He said that as the project is in its final stage, the project design matrix (PDM), plan of operation (PO) and annual plan of operation (APO) need to be updated and modified in accordance with the existing situation and he hoped that all task force members will work their best for the successful implementation of the project. He also emphasized on the need of thorough transfer of related technologies to the local staffs, successful implementation of CF in selected villages so that they will serve as model CF villages for neighbouring villages in the Ayeyawady Delta and systematic recording and maintenance of Action Research Plantations for future use in collaboration with Forest Research Institute. He concluded his speech with his hope of constructive outcomes from this meeting and further collaboration between FD and JICA.

Mr. Katsuyoshi Saito, Senior Representative of JICA Myanmar Office, made the opening remark at the meeting. He thanked to the Chairman of the JCC and all JCC members who are senior officials and counterparts from cooperating agencies and from JICA Expert Team. He emphasized on the importance of this JCC meeting in implementation and regulation of the project activities and requested JCC member to give constructive suggestions as for the success of the project which will be terminated by March 2013.

3. Presentations

U Khin Maung Lwin, Field Project Manager, made a presentation about major project activities achieved during FY2011-12 and major project activities scheduled for FY2012-13. He briefly explained about outputs, progress, activities, and schedules as per each output determined in the project.

Mr. Tomohiro SHIBAYAMA, Chief Advisor of JICA expert team, presented about the modifications (indicators and editing errors) made from PDM2 to PDM3, and key issues to be considered for FY2012 such as the content of the CF certificate for the project target user's groups and necessity of reflecting possible changes in legal / institutional arrangements related to community forestry. He also made following requests to JCC; approval of PDM3 and APO 2012

and allowing reflection of recent possible changes related community forestry to the remaining project activities (CF certificate, CF-SOP and etc.).

4. Discussions

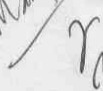
- Comment from Dr. Nyi Nyi Kyaw regarding PDM3

He commented that based on the change from PDM2 to PDM3, they have area-based indicators as well as capacity development indicators. He suggested that it would be better to have more appropriate terms like quantitative data which means not only area but also other parameters. "Area" is also important but for the Action Research Plantation (ARP), it is preferred to have some kind of quantitative data such as "tree height", "tree growth" or "tree girth", etc. Also, for the improvement of income generation for user groups, there should be indicators of how the project activities improve their lives in terms of income generation or livelihood. Regarding capacity-development indicators, the indication of the number of trainings and their participants and the outputs of these trainings and workshops would be appreciated.

- Comment from U Zaw Win 4 regarding CF instructions amendment and contents of CF certificate

He appreciated Mr. Shibayama's presentation as well as ideas and specifications on CF and CF certificate which he referred to as very reliable and efficient. But he also explained that at the present moment, the process of review and modifications of community forestry is not complete yet and still ongoing. In the current community forestry instructions (CFI), modifications had to be also made in accordance with the time and situation. Since FD is planning to amend the existing forest law and include CF as a part of the law, FD has to make necessary follow-up on the certification and conditions of CF activities.

He also mentioned that FD has to issue certificates to the six project targeted CF villages. In order to do so, FD has to prepare the certificate based on the existing form determined in CFI. Therefore, he pointed out that changing the content of CF certificate is difficult under the current situation but also mentioned that suggestions made by Mr. Shibayama can be included in attachments of the CF certificate. He explained about CF certificates from Pyin Oo Lwin which already attached some statements such as roles/ responsibilities, prohibitions or principles concerning CF user groups, and such attachments can be prepared similarly for the project. He also mentioned the need to make more discussions between FD and JICA Expert Team to finalize the proposal format of CF Certificate.

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• **Mr. Shibayama's responses to comments from Dr. Nyi Nyi Kyaw and U Zaw Win 4**

Regarding Dr. Nyi Nyi Kyaw's comment on area-based indicators, he agreed that area-based indicators themselves are not fully covering the performance of the project, however to evaluate the achievements at the project level, such were adopted as verifiable indicators from the beginning of the project. Also he explained that though other quantitative parameters for ARP are not presented in the PDM, such parameters are monitored as a part of project activities. He replied that income generation related indicator was once adopted in the previous PDM version 1 but during the mid-term review, the indicator was evaluated as not realistic and modified into current content.

To U Zaw Win 4's comment, Mr. Shibayama replied that he understands about difficulties to amend or modify the existing format and contents of the CF certificate but he would appreciate if necessary information such as the copy of CFI and the validity of the CF certificate to be included as attachments of the CF certificate for the project targeted villages.

• **Invitation from Forest Department to JICA Expert Team for participation in the community forestry training workshop in Min Taing Bin Base Camp in Shan State**

During the JCC meeting, Dr. Nyi Nyi Kyaw, on behalf of the Forest Department, invited the chief advisor and the JICA Expert Team project staffs to participate in the 5-day training workshop (starting from 14 to 18 of May, 2012) on community forestry development which is jointly organized with RECOFTC and to share the knowledge and the experience of the project.

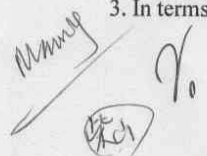
U San Lwin, the Director General of the Planning and Statistics Department cum the chairman of the meeting, also mentioned that it will be a good chance to share and observe the different opinions on Community Forestry by attending the said training workshop. Since modification and adding some new ideas to CF are under consideration, it will be a good opportunity to observe the different opinions/ views on CF.

The Director General also pointed out that in near future, they definitely need to amend CFI because some provisions no longer match the current situations. He explained that amendments of laws require parliament's approval but instructions, rules and regulations can be amended by approval of respective minister. He also raised that development of rules and regulations are necessary and the technical assistance from JICA and other similar international organizations shall be appreciated

• **Questions and comments from Department of Agriculture**

Daw Tin Ohnmar Win, assistant manager from Myanmar Agriculture Service, Department of Agriculture, raised three questions concerning the project:

1. After the completion of the project in March 2013, how the long-term sustainability of the project activities is considered?
2. In the CF certification process, who will credit the certificate and how certification is checked?
3. In terms of impact assessment, based on what kind of criteria the project being assessed?

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・ Responses to Daw Tin Ohnmar Win's questions from JET and FD

From JICA Expert Team

Mr. Shibayama answered to Daw Tin Ohnmar Win's questions as follows:

1. Guaranteeing sustainability is one of issues needed to be seriously considered but frankly speaking this is not so easy to achieve. After the project termination, basically project activities shall be continued by respective FD offices at township level as well as CFUSGs. During the project period, project will develop certain procedures, and by-laws which aim to contribute to self sustainability of respective stakeholders. In terms of guaranteeing sustainability, the project appreciates lessons and experience of agriculture sector to be shared with the project.
2. Basically in accordance with stipulations in the CFI, after checking by respective offices within FD, FD issues certificates. Specifically for the project, draft check list has been prepared and still under discussions between FD and JET.
3. At this moment, there are no specific criteria designed for the project apart from indicators described in PDM. For impact assessment, terminal evaluation mission will evaluate impact as well as sustainability in accordance with criteria set in JICA's evaluation guideline.

From Forest Department

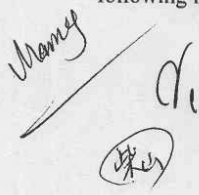
In response to the questions raised by Daw Tin Ohnmar Win, Dr. Nyi Nyi Kyaw, the Deputy Director General of FD, expressed as follows:

- Community Forestry means the forestry operations in which local community can be involved. To implement CF activities, CFI was stipulated in 1995 in accordance with existing Myanmar Forest Policy and Forest Law.
- As for the criteria for assessment of project activities, the Project Design Matrix (PDM) was formulated in compliance with JICA's Project Cycle Management (PCM) method and the project activities will be periodically monitored and evaluated by the Evaluation Team comprised of Experts from JICA and participants selected from partner and coordinating agencies of the Project. The Monitoring and Evaluation Criteria are set in the PCM Method by JICA. So far, the Project Mid-term Evaluation had been accomplished as scheduled. Now, the Project is being implemented in line with recommendations and suggestions made by the Mid-term Evaluation and the Project terminal evaluation will again be done in the near future.

U San Lwin, Director General of Planning and Statistics Department also completed the answer by explaining the process of the monitoring and controlling of these project activities on CF by Forest Department with respective township level and district level staffs following departmental procedures.

・ Questions and comments from Department of Fisheries

U Min Naung, Myaung Mya District Officer of the Department of Fisheries requested whether following issues can be considered in the project to contribute to food security:

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1. Japanese technology for aquaculture and hatchery development
2. Support for micro-culture technologies

• **Responses to U Min Nanung's request from JET and JICA**

From JICA Expert Team

Mr. Shibayama answered that he personally understands needs or such assistance but also stated that such activities are physically not possible to implement in the remaining project period and moreover proposed activities are beyond the scope of the current project framework.

From JICA Myanmar Office

Mr. Saito also replied that requested activities are beyond the scope of this project. However, he mentioned that such proposals can be requested to JICA through proper channel.

• **From U OhnLwin, Deputy Director of Forest Research Institute**

U Ohn Lwin, Deputy Director of the Forest Research Institute, commented that since this is a technical transfer project with activities like ARP plantations, oyster culture and mangrove rehabilitation, he would like to welcome, on behalf of the FD and FRI, the JICA Expert Team for collaboration of any technical papers.

• **Mr. Shibayama's response to U OhnLwin's invitation**

Mr. Shibayama replied that he appreciated U Ohn Lwin's proposal for closer collaborations between the project (JICA Expert Team) and Forest Research Institute. However he also mentioned that since the project is not framed to conduct pure research nor prepare technical/academic papers, he suggested collaborations and linkage with continuation of ARP and CF activities after the project termination.

• **Mr. Shibayama's request to FD**

Mr. Shibayama raised that names of officer in charge indicated in APO2012 need to be updated in consideration of the recent transfer of staff and requested FD to provide timely information for any change or transfer of FD field level staffs in the project area.

5. Decision Made

By all participants, PDM3 and APO 2012 were confirmed and approved. (Approved contents are described in Attachment 4)

6. Closing Remarks

Mr. Katsuyoshi SAITO, Senior Representative of JICA Myanmar office, closed the meeting by his expressions of appreciation for the patience and the time shared by all JCC members for this

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meeting which was very important for summarizing overall project activities and achievements. He requested active participation by the Myanmar side in the upcoming terminal evaluation.

U San Lwin, Director General of Planning and Statistics Department and Chairman of the JCC, thanked all participants for discussion in the meeting and fruitful discussions among stakeholders. He emphasized that the approved PDM3 and APO2012 shall be put into practice. He requested further collaboration and efforts between FD and JICA not only for this project but also for other forest resources related issues such as disaster prevention and coral reef conservation.

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Attachments

Attachment-1 Agenda for 6th JCC Meeting

Attachment-2 List of participants of 6th JCC Meeting

Attachment-3 List of hand-outs distributed to the participants

Attachment-4 Approved PDM3 and APO2012

Attachment 1: Agenda for 6thJCC Meeting

"Integrated Mangrove Rehabilitation and Management Project through Community Participation in Ayeyarwady Delta"

**6th Joint Coordinating Committee Meeting
Meeting Agenda**

Meeting Objective

- Confirmation of the progress and achievements of FY 2011-2012
- Confirmation and approval of PDM version 3 and Annual Plan of Operation 2012 (APO 2012)

Venue Meeting Room, Forest Department Head Office, Nay Pyi Taw
Date May 3, 2012 (Thursday)
Time 9:30 to 11:30 am

No	Time	Subject	Person
1	9:30 -9:35 am	Opening remark1	U San Lwin Director General, Planning and Statistics Department, MOECAP
2	9:35- 9:40 am	Opening remark 2	Mr. Katsuyoshi SAITO Senior Representative JICA Myanmar Office
3	9:40-10:10 am	Major project achievement for FY 2011-12 and Major Activities for FY2012-13	U KhinMaungLwin Field Project Manager
4	10:10-10:30 am	- PDM3 and APO 2012 - New JICA Expert Team Setup	Mr. Tomohiro SHIBAYAMA Chief Advisor, JICA Expert Team
5	10:43-11:10 am	Discussion and directions for issues (PDM3 and APO2012)	Chaired by Director General of Planning and Statistics Department, MOECAP
6	11:10-11:15 am	Closing remark 1	Mr. Katsuyoshi SAITO Senior Representative JICA Myanmar Office
7	11:15-11:30	Closing remark 2	U San Lwin Director General, Planning and Statistics Department, MOECAP

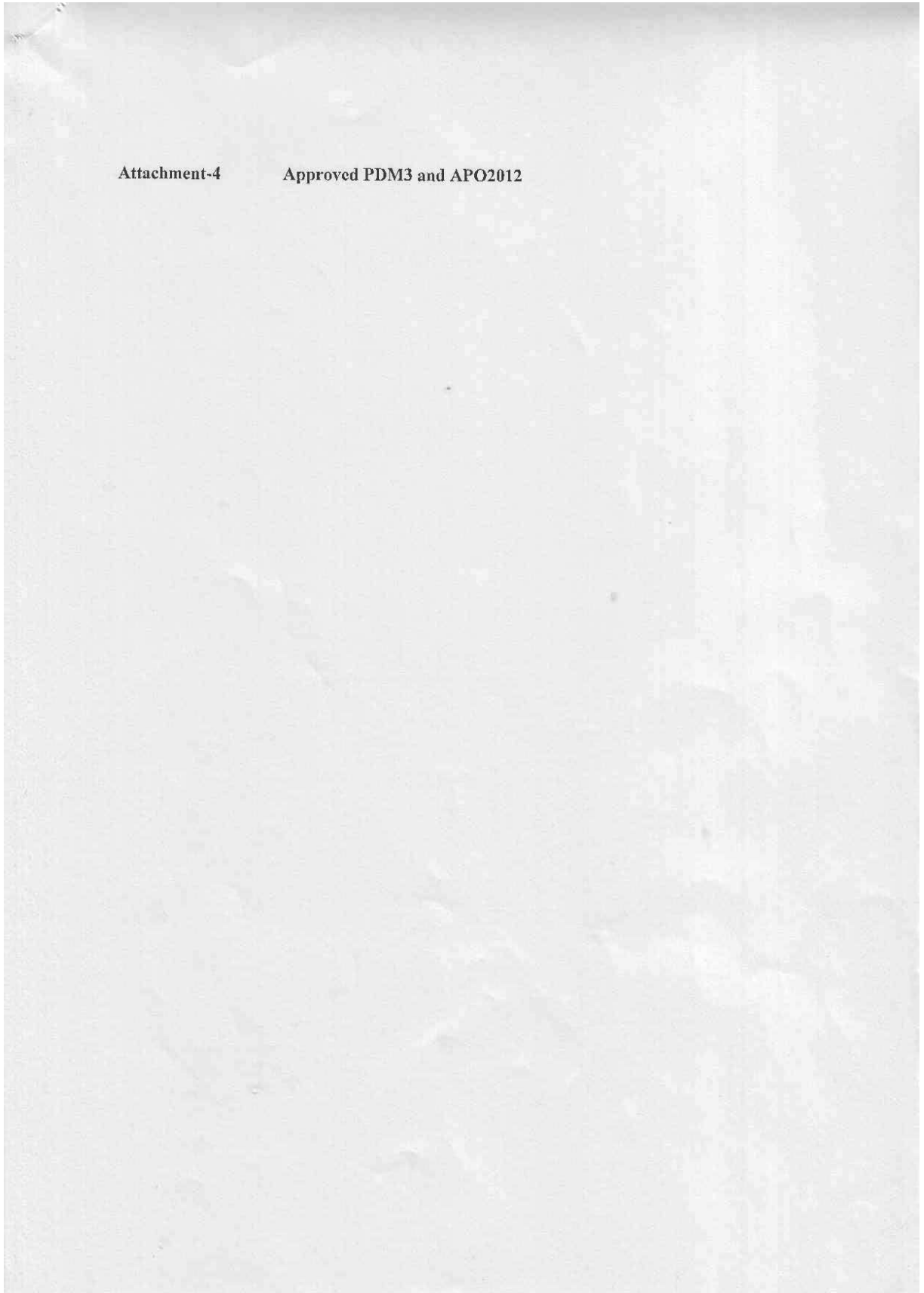
Attachment-2 List of participants of the 6th JCC Meeting

3rd May, 2012

	Name	Position / Organization	Place
1	U San Lwin	Director General, Planning and Statistics Department, MOECAF	Nay Pyi Taw (NPT)
2	Dr.Nyi Nyi Kyaw	Deputy Director General, Forest Department (FD), MOECAF	NPT
3	U Zaw Win (4)	Director, Planning and Statistic Division (FD), MOECAF	NPT
4	U Maung Maung Kyaw	Director, Natural Forest and Plantation Division (FD) , MOECAF	NPT
5	Daw Yi Yi Tint	Director, Finance Division (FD) , MOECAF	NPT
6	U Maung Maung Than	Director, Training and Research Development Division (FD) , MOECAF	NPT
7	U Khin Win	Deputy Director, Settlement and Land Record Department	NPT
8	Daw Tin Ohnmar Win	Assistant Manager, MAS	NPT
9	Daw Mar Zin Myint	Officer in charge, Department of Agriculture	NPT
10	U Ohn Lwin	Deputy Director (FRI) , MOECAF	FRI
11	U Bo Ni	Deputy Director, Planning and Statistics Division (FD) , MOECAF	NPT
12	U Khin Maung Lwin	Assistant Director (FD) , MOECAF	Myaung Mya District
13	U Min Naung	District Officer, DOF	Myaung Mya District
14	U Hla Myo Aung	Staff Officer (FD), MOECAF	Myaung Mya District
15	U Moe Zaw	Staff Officer, Planning and Statistics Division (FD), MOECAF	NPT
16	U Htay Aung	Range Officer, Planning and Statistics Division (FD), MOECAF	NPT
17	Mr. Katsuyoshi SAITO	Senior Representative (JICA)	JICA Myanmar Office
18	U Kyaw Zaw Aung	Program Assistant (JICA)	JICA Myanmar Office
19	Mr. Tomohiro SHIBAYAMA	Chief Advisor, JICA/FD Mangrove Project	JICA Expert Team
20	Daw Shwe May Kyaw	Technical/AdminCoordinator, JICA/FD Mangrove Project	JICA Expert Team

Attachment-3 List of hand-outs distributed to the participants

Title	Presenter
Major Project Achievement for FY 2011-12 and Major Project Activities scheduled for FY2012-13	U Khin Maung Lwin, FPM, MCFTF,FD
Reviewing PDM3 and APO2012	Mr. Tomohiro Shibayama, Chief Advisor, JICA Expert Team
PDM3, and APO2012	
Project Annual Report for FY 2011-2012	



1. Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta
 2. Project Duration: April 2007-March 2013
 3. Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta
 4. Beneficiaries: Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta & Member of Community Forestry Task Force (MCFTC) and other relevant staff from the Forest Department

PDM version: 3
 Date of approval: 3 May, 2012

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta	a. Mangrove forest coverage increases by 10,000 acres (4,050ha) (*1) in the Target Area of the current Project. (i.e 4 RFs) within three years after the completion of the Project b. Income levels of communities in the Target Area is improved than that of 2004	a. Forests resource assessment by FD (remote sensing) b. Agricultural Census report	
Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta.	a. By the Project end, mangrove forest coverage is increased by 3,550 acres (1,438 ha) (*2) in the selected areas where project were implemented (i.e. CF plantation, CF-Natural Forest Improvement Operation (NFIO), and ARP sites) from the base year 2009. b. At the end of the Project, among the registered members of all the target CF user groups (CFUSGs) reselected in 2011 more than 80% consider CF useful	a. Project reports b. Results from the CF Impact survey	1 Favorable markets exist for CF products. 2 FD's policy on the management of the four reserved forests does not change significantly. 3 Sufficient financial and other resources are allocated for the sustainable management of mangrove forests.
Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF).	1a By September 2011, all the CF Management Plans of the CFUSGs, reselected in March 2011, are developed/updated 1b By the end of the Project, organizational capacity of the Management Committee of all target CFUSGs reaches the 3rd level (meaning that they achieve more than half of the full fulfillment) of the evaluation rating composing of five achievement levels set by the Project. 1c The certified CF Management Plans (i.e. CF plantation and NFIO) of all the target CGUSGs reselected in 2011 are implemented according their annual plans 1d By the Project end, more than 1,450 acres (591ha) (*3) of mangrove forests are rehabilitated and managed by the CFUSGs reselected in 2011 based on the certified CF Management Plans, including CF plantation and NFIO when applicable 1e By the Project end, all the CFUSGs reselected in 2011 start to gain profit from CF activities determined in the certified CF Management Plans and/or income generation activities supported by the Project.	1a CF Management Plans, 1b-1e: Monitoring project report	1 No drastic increase in the population within the four reserved forests. 2 External pressure to convert the mangrove forests to other land uses does not increase.
2. The management and the support system of the Forest Department (FD) for CF is effective.	2a By the end of the Project, capacity of 80% of technical members of CF Task Force engaged in the Project more than two years reaches the 4th level (meaning that they achieve more than 75% of full fulfillment) of the evaluation rating composing of five achievement levels set by the Project. 2b On average, more than 80% of all registered members of the CFUSGs reselected in 2011 give the highest or medium rate on three-level rating about "degree of understanding", "degree of applicability", and "degree of satisfaction" of the CF extension they received. 2c By the Project end, a training program for CF for mangrove forest, including materials, is developed based on the existing ones for confirmation by the DG for further action (in English & Myanmar) 2d By the Project end, Standardized Operational Procedures (SOP) for CF for mangrove forest is developed based on the existing SOP of the FD (i.e. Departmental Instructions and CFI) for confirmation by the DG for further action (in English & Myanmar)	2a-2d: Project reports	
3. Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.	3a By the Project end, a technical report on Action Research (AR) for mangrove are prepared (in English and Myanmar) 3b By the Project end, technical guidelines for field-level FD staff on rehabilitation and management of mangrove forests, which are developed based on AR findings, are published (in English and Myanmar)	3a-3b: Project reports	
4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta.	4a By December 2011, an inter-agency coordination meeting is organized by the FD 4b Land use information of the Target Area is updated based on the satellite images of 2007, 2009 and 2012. 4c The updated land use information is shared at the inter-agency coordination meetings for discussion. 4d Seminars to promote synergy among the relevant sectors are organized annually 4e A donor/NGO coordination meeting for the Target Area organized by the FD once a year	4a Meeting records 4b: Land use maps 4c: Meeting records 4d: Project reports 4e: Meeting records	
X (Additional Output after the Cyclone Nargis in May 2008) Recovery from damage of Cyclone Nargis is promoted.	Xa By March 2009, a hazard map of the Target Area is developed based on the latest satellite images (2009) for distribution to the local communities. Xb By March 2010, a report on damage & recovery survey on the communities in the Target Area is prepared Xc By March 2010, Centre for CF Extension & Nursery in each RF is rehabilitated. Xd In 2009 & 2010, materials necessary for disaster recovery or prevention work are provided to the FD and the Cooperating Agencies based on the needs Xe By December 2011, a report on recovery condition of mangrove vegetation (2008-2010) is prepared	Xa: Hazard map, Xb-e: project reports	

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<p>Activities:</p> <p>1-1 Select villages to introduce CF from the ones that express interest.</p> <p>1-2 Conduct baseline survey on the basic socio-economic conditions of the selected villages.</p> <p>1-3 Organize/reorganize CFUSGs in the selected villages</p> <p>1-4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process</p> <p>1-5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)</p> <p>1-6 Assist the CFUSGs in implementing the certified CF Management Plans</p> <p>1-7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.</p> <p>1-8 Monitor and evaluate the implementation of the certified CF Management Plans</p> <p>1-9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs.</p> <p>2-1 Identify necessary activities for CF management (*4) and CF extension & support(*5) by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP).</p> <p>2-2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF)(*6) for the identified activities</p> <p>2-3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities</p> <p>2-4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.</p> <p>2-5 Train the technical MCFTF according to the plan</p> <p>2-6 Construct/renovate the CF Extension Center & Nursery in each RF</p> <p>2-7 Provide extension services and support to the CFUSGs in each RF</p> <p>2-8 Carry out public awareness campaigns regarding CF and the conservation of mangrove forests</p> <p>2-9 Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities</p> <p>3-1 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta</p> <p>3-2 Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management).</p> <p>3-3 Execute the AR in each RF</p> <p>3-4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)</p> <p>3-5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar</p> <p>3-6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR</p> <p>4-1 Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta.</p> <p>4-2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.</p> <p>4-3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta.</p> <p>4-4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level</p> <p>X-1 Prepare a hazard map based on analysis of damage of the cyclone Nargis</p> <p>X-2 Conduct quick damage & recovery survey in the Target Area</p> <p>X-3 Conduct village profile survey in the Target Area</p> <p>X-4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area.</p> <p>X-5 Rehabilitate the CF Extension Center and Nursery in each RF including facility with cyclone-proof structure</p> <p>X-6 Support recovery or disaster prevention work of implementation and Cooperative Organizations in the Target Area through material supply</p> <p>X-7 Conduct public awareness activities on disaster prevention in the Target Area</p> <p>X-8 Arrange necessary coordination among donors in the integrated mangrove management</p>	<p style="text-align: center;">Inputs</p> <p><Myanmar Side> Personnel (Members of CF Task Force: MCFTF)</p> <ol style="list-style-type: none"> 1. Project Director 2. Project Manager 3. Project Coordinator 4. Field Project Manager 5. Other MCFTF 6. Other personnel mutually agreed upon as necessary <p>Land, Building and Facilities</p> <ol style="list-style-type: none"> 1. Office building and facilities necessary for the implementation of the Project 2. Office space and necessary facilities for the Japanese experts and related staff members 3. Land for the action research 4. Jetty and space necessary for storage of boats and vehicles 5. Other facilities mutually agreed upon as necessary <p>Local Operational Costs Minimum of US\$100,000 equivalent in 5 years</p> <p><Japanese Side> Personnel</p> <ol style="list-style-type: none"> 1. Chief Advisor 2. Participatory community development 3. Mangrove forestry 4. Coordinator 5. Other experts in specific fields (e.g. Extension, GIS, Agro-forestry, Fish culture, Forestry Value-added Production, Marketing and Distribution) upon mutual agreement <p>Machinery and Equipment</p> <ol style="list-style-type: none"> 1. Boat(s) 2. Vehicle(s) 3. Other equipment would be provided if necessary upon mutual agreement. <p>Training in Japan</p> <p>Local Costs</p>	<ol style="list-style-type: none"> 1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, floods, tsunami, pests, diseases). 2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests <p style="text-align: center;">Pre-Conditions</p> <ol style="list-style-type: none"> 1 Local communities accept CF instructions 2 No significant changes occur in the Government's policy on CF
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(*1) Based on Laputta and Pyar Pon District Management Plans (2011/12-2020/21). (*2) The area reflecting the CF area delineated in the CF Management Plans of the CFUSGs reselected in 2011 and outer boundary areas of Action Research Plantation Plots as well as the area rehabilitated during 2009-2010 by the CFUSGs which were not reselected. (*3) The CF areas 1,460 acres (as of April 2012) including plantation areas and natural forest area in the six CF Management Plans of the CFUSGs reselected in 2011. (*4) "CF management" by FD is defined as planning, supervision, monitoring and evaluation, and data organization and analysis of the activities related to CF. "CF support" consists of extension service and extension support to CF. (*5) "CF extension services" may include organization of the CFUSGs, strengthening of the organizational/management capacity of CFUSGs, provision of technical support for preparation and implementation of the CF Management Plans and income generation activities of CFUSGs, etc. "CF extension support" is defined as material support to CFUSGs, which include provision of seedlings for CF plantation delineated in the CF Management Plans, making the facilities of the CF Extension and Nursery available to the CFUSG.

Manning

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2012						2013								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
Output 1: The selected communities practice environmentally and economically sustainable community forestry (CF).																				
1.1	Select villages to introduce CF from the ones that express interest.	Villages selected for CF by the project (list of selected villages)														Project Manager (PM): U Zaw Win 4		JE: Chief Advisor (CA)		
1.2	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Results of survey to contribute to monitoring progress/ impact of Project (Compiled result of survey)	Results of survey to contribute to monitoring progress/ impact of Project (Compiled result of survey)													U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), RO, DRO, Forester (KDK, JKK, PND, PNL)	ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung, DRO, Forester)	JE: PCD (participatory community development), CA	JE: PCD, project staff LC: Baseline and market survey (Contract work)
1.2.1	Conduct baseline survey on the basic socio-economic conditions of the selected villages	Compiled result of survey																		
1.2.2	Review basic socio-economic conditions of re-selected villages	Reviewed socio-economic conditions of 6 villages re-selected																		
1.2.3	Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity)	Compiled result of survey																		
a	Prepare survey plan and formats															SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin)	ditto	ditto		
b	Conduct survey															ditto	ditto	ditto		
c	Analyze results and compile in report															ditto	ditto	ditto		
1.3	Organize/reorganize CFUSGs in the selected villages	Functional CFUSGs organized/reorganized (Existence of CFUSG/ MC member lists and bylaws)	Functional CFUSGs organized/reorganized (Existence of CFUSG/ MC member lists and bylaws)													U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung, DRO, Forester)	JE: PCD (Y. Kitauchi), project staff		
1.3.1	Select Management Committee (MC)	6 MCs elected														ditto	ditto	ditto		
1.3.2	Register members	Members of 6 CFUSGs registered														ditto	ditto	ditto		
1.3.3	Develop by-laws	By-laws developed by 6 CFUSGs	By-laws developed by 6 CFUSGs													ditto	ditto	ditto		
1.3.4	Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs	MC elected, members registered and by-laws developed in 6 CFUSGs														ditto	ditto	ditto		
1.4	Assist the CFUSGs in preparing/ updating their CF Management Plans and proposals for CF certificates through participatory planning process	CF MPs which enable sustainable CF activities to be prepared in selected villages														U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Htun, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung, DRO, Forester)	JE: PCD (Y. Kitauchi), Project Staff LC: operation cost		
1.4.1	Review the Management Plan (MP) developed by the Project and make necessary updates	4 CFMPs reviewed and updated														ditto	ditto	JE: PCD (Y. Kitauchi), GIS, MF (mangrove forestry)	Same activities as 1.4.2	
1.4.2	Update the pre-existing MP	2 CFMP updated														ditto	ditto	JE: PCD (Y. Kitauchi), GIS, MF	CFUSGs at Pyinlan RF	
1.5	Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)	6 CFUSGs issued/ re-issued CF certificates	6 CFUSGs issued/ re-issued CF certificates													Director of AYW: U Zaw Win 5	FPM: U Khin Maung Lwin	JE: CA, C (Coordinator)		
1.5.1	Prepare evaluation criteria for issuing CF certificate	Prepared evaluation criteria														ditto	ditto	JE: CA, C		
1.5.2	Issue certificates for CFUSGs with MP developed by Project	4 certificates issued	4 certificates issued													ditto	ditto	JE: CA, C	Some activities as 1.5.3	
1.5.3	Re-issue certificates for CFUSGs with updated MP	2 certificate re-issued	2 certificate re-issued													ditto	ditto	JE: CA, C	CFUSGs at Pyinlan RF	
a	District FD office to submit updated CF proposals received from township offices to regional FD office	Submission letters														ditto	ditto	JE: CA, C		
b	District FD office to receive CF certificates from Regional FD office	Issued CF certificates	Issued CF certificates													ditto	ditto	JE: CA, C		

■ ■ ■ Initial plan (Continuous activities)
■ ■ ■ Initial plan (Intermittent activities)

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks		
			2012						2013								Japanese	Myanmar			
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar							
c Conduct CF certification ceremony cum CF/Mangrove public awareness activity at CF target villages or CFECNs	Ceremony records	Ceremony records		■													FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Hun, PYP: U Kyi Lin), ROs (LPT: U Hla Shwe, U Zaw Thway, BGL: To be notified (TBN), PYP: U Zaw Min Hun,), DRO, Forester	JE: C, CA		
1.6 Assist the CFUSGs in implementing the certified CF Management Plans	CF activities implemented as per CFMP (annual report)	CF activities implemented as per CFMP (annual report)															U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Hun, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyoo Aung,), DRO, Forester	JE: PCD (Y. Kitauchi), MF, MA (marketing)		
1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG	Prepared plan																ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)		
1.6.2 Assist the CFUSGs Batch I	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	JE: PCD (Y. Kitauchi), (MF, MA)		Same activities as 1.6.3
1.6.3 Assist the CFUSGs Batch II	CF activities implemented as per CFMP (annual report)	Prepared annual reports/ records	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
a Provide necessary amount and type of seedlings to CFUSG as per CF MP	Seedling distributed as per request in CF MP (seedling distribution records)	Seedling distributed as per request in CF MP (seedling distribution records)		■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
b Provide necessary technical guidance to CFUSG for implementation of CF activities	Prepared records	Prepared records	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
c Provide necessary support to CFUSG for monitoring of CF activities	Prepared records	Prepared records	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
d Provide necessary information/ support to CFUSG related to production, harvesting and selling of CF products	Knowledge about production, harvesting, selling of CF products increases (prepared records, distributed materials)	Prepared records, distributed materials	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
i) Collect local resources/ information related to production harvesting, selling of CF products		Compiled information/ data	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
ii) Prepare necessary materials for dissemination		prepared materials/	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
iii) Provide information at meetings & ceremonies		Prepared meeting/ ceremony records				■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
e Support harvesting and selling of CF products (sales voucher, removal pass, etc.), if applicable	Implementation of harvesting and selling (prepared records, sales/ removal records)	Prepared records, sales/ removal records				■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
1.7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanmar Agriculture Service (MAS), and other institutions.	Income/ profit gained to CFUSG from implementation of capacity strengthening programs	Income/ profit gained to CFUSG from implementation of capacity strengthening programs	■	■	■	■	■	■	■	■	■	■	■	■	■	■	U Khin Maung Lwin (FPM)	SOs (LPT: U Aung Gyi, BGL: U Khan Hun, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyoo Aung,), DRO, Forester	JE: PCD (Y. Kitauchi), MF, FC (fish culture) and MA LC: material cost/ operation cost for implementation of programs	MAS, DoF, SLRD	
1.7.1 Design the programs based on needs	Prepared implementation programs																ditto	ditto	ditto		
1.7.2 Review and update the programs	Revised programs																ditto	ditto	JE: PCD (Y. Kitauchi), MF, FC, MA, CA		
1.7.3 Assist the CFUSGs I	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		Same activities as 1.7.4
1.7.4 Assist the CFUSGs II	Income/ profit gained from implemented programs (implementation records)	Income/ profit gained from implemented programs (implementation records)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
a Formulation/ activation of subgroups	Subgroup member list, by-law	Subgroup member list, by-law	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
i) Organize/ reorganize subgroups		List of MC and subgroup members	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
ii) Prepare subgroup by-laws		Prepared by-laws	■	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2012						2013								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
2.1 Identify necessary activities for CF management and CF extension & support by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP).	Identified activities for CF management and CF extension & support.																			
2.2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF) for the identified activities.	Confirmed roles and responsibilities of MCFTF to improve CF management and support.															PC: U Bo Ni	AYW Director: U Zaw Win 5, PC: U Bo Ni. FRM: U Khin Maung Lwin, SOs, ROs	JE: CA, TE (Training and Extension), (PCD (H. Yasu))		During 2007, as part of Needs Assessment of CF task force, confirmed roles and responsibilities of CF Task Force
2.3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities.	Confirm needs which enable to improve CF management and support of MCFTF (result of assessment)															PC: U Bo Ni	AYW Director: U Zaw Win 5, PC: U Bo Ni. FRM: U Khin Maung Lwin, SOs, ROs	JE: CA, TE, (PCD (H. Yasu))		Conducted Need Assessment of CF Task Force during FY2007
2.4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed	Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed														PC: U Boni	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Huan, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung.)	JE: TE, (PCD, MF, FC), CA		Training may include OJT, training through existing CF training course, and development of CF training program for mangrove, etc. Development of CF training program/ materials for mangrove CF based on the existing ones such as
2.4.1 Develop overall training plan and training materials	Prepared training plan and materials															ditto	ditto	ditto		
2.4.2 Update the training materials based on feedbacks	Updated training plan and materials	Updated training plan and materials	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
2.5 Train the technical MCFTF according to the plan	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)	Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records)	■	■	■	■	■	■	■	■	■	■	■	■	■	FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Huan, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung.)	JE: TE, (PCD, MF, AF) L.C. training material and operation cost		
2.5.1 Implement & monitor the training program	Implemented training courses (number of participant)	Implemented training courses (number of participant)	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
a implement training program based on plan	Prepared implementation records	Prepared implementation records	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
b organize feedback interview/ survey to review and monitor results of training programs	Prepared feedback records	Prepared feedback records				■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		
2.5.2 Evaluate the training program & conduct the follow-up as appropriate	Result of evaluation (ACR, SOP)	Result of evaluation (ACR, SOP)														ditto	ditto	ditto		
a organize feedback meetings/ workshops to evaluate training programs	prepared feedback records	prepared feedback records														ditto	ditto	ditto		
b Based on evaluation, revise training plan and its programs	revised plan, programs, SOP	revised plan, programs, SOP														ditto	ditto	ditto		
2.6 Construct/renovate the CF Extension Centre & Nursery in each RF	Completion of facilities construction/ renovation at 4 CFEENs	Completion of facilities construction/ renovation at 4 CFEENs					■	■	■	■	■	■	■	■	■	FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Huan, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung.)	JE: CA, GIS L.C. Renovation and Construction Cost of Facilities	KKKL: Kwa Kwa Ka Lay CFEEN TYK: Thar Yar Kone CFEEN BYM: Byone Himwe CFEEN TGT: Htaung Gyi Tan CFEEN HKT: Hnget Kyi Taung CFEEN	
2.6.1 Prepare design and implementation plan	Prepared design and plan															ditto	ditto	ditto		
2.6.2 Conduct construction/ renovation based on design/ plan	Constructed/ renovated facilities															ditto	ditto	ditto		
2.6.3 Conduct maintenance and repair based on necessity	Maintenance records	Maintained and repaired facilities														ditto	ditto	ditto		
a Maintained and repaired facilities																ditto	ditto	ditto		
b Develop maintenance/ repair plan for each CFEEN																ditto	ditto	ditto		
c Estimate maintenance/ repair cost for each CFEEN																ditto	ditto	ditto		
d Implementation of maintenance and repair for each CFEEN		Maintained and repaired facilities														ditto	ditto	ditto		
2.7 Provide extension services and support to the CFUSGs in each RF	Necessary extension services and support provided to target CFUSGs based on prepared extension materials.	Necessary extension services and support provided to target CFUSGs based on prepared extension materials	■	■	■	■	■	■	■	■	■	■	■	■	■	FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Huan, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung.)	JE: PCD (H. Yasu), TE	Through Activities 1.3-1.7	
2.7.1 Develop extension materials	Prepared extension materials	Prepared extension materials	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto		

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks		
			2012						2013								Japanese	Myanmar			
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar							
a Prepare implementation plan for extension services & support	Prepared plan	Updated plan	■													ditto	ditto	ditto			
b Develop extension materials based on plan	Prepared materials	Prepared materials	■													ditto	ditto	ditto			
2.7.2 Implement extension services & support (i.e. Activity 1-3-1.7)	Prepared work/monitoring records	Prepared work/monitoring records		■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto			
2.8 Carry out public awareness campaigns regarding CF and the conservation of mangrove forests	Implemented campaigns to contribute to mangrove conservation/ rehabilitation (campaign materials, campaign records)	Implemented campaigns to contribute to mangrove conservation/ rehabilitation (campaign materials, campaign records)	■	■	■	■	■	■	■	■	■	■	■	■	■	FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Hn, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung,)	JE: TE LC: material and operation cost for public awareness			Extension Division under FD may be able to collaborate with the Project in some part of the activities
2.8.1 Identify the target for public awareness	Identified target groups	Re-identified target groups	■													ditto	ditto	ditto			
2.8.2 Develop/ update a public awareness plan	Prepared plan	Updated plan	■													ditto	ditto	ditto			
2.8.3 Carry out the plan	Implementation records, result of evaluation	Implementation records, result of evaluation		■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto			
a Carry out activities in accordance with the plan	Prepared records	Prepared records	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto			
b Monitor and evaluate result of public awareness activities	Results of evaluation	Results of evaluation													■	ditto	ditto	ditto			
2.9 Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities	SOP (English, Myanmar) to be approved and utilized by FD	Finalized and Approved SOP (English, Myanmar)	■	■	■	■	■	■	■	■	■	■	■	■	■	PC: U Bo Ni	FPM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Hn, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung,)	JE: TE, FCD, MF, AF, FC LC: preparation cost for SOP			
2.9.1 Develop an initial draft	Prepared draft SOP															ditto	ditto	ditto			
2.9.2 Finalize the draft	Finalized and approved SOP	Finalized and approved SOP	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto			
a based on comments and feedbacks, finalize draft SOP	finalized SOP	finalized SOP	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	ditto	ditto			
b get approval of finalized SOP by FD-DG	approval letter	approval letter													■	ditto	ditto	ditto			
Output 3: Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established.																Overall: PC: U Bo Ni					
3.1 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta	Silvicultural techniques important for mangrove rehabilitation to be identified (survey records and plans prepared based on surveys)															FPM: U Khin Maung Lwin		JE: MF LC:		In the FY2007 conduct surveys to determine over all test designs for ARP	
3.2 Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management)	AR designs and plans to be developed in accordance with identified silvicultural techniques															FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Hn, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung,)	JE: MF		This year prepare plan for monitoring activities only.	
3.2.1 Prepare the specific design	Prepared AR design																				
3.2.2 Prepare an annual execution plan	Prepared annual plan	Prepared annual plan																			
3.3 Execute the AR in each RP	AR implemented as per designs/ plans (implemented sites, records/ reports based on implementation of AR)			■	■	■	■	■	■	■	■	■	■	■	■					This year monitoring only	
3.4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)	Monitoring results to be reflected to succeeding years' ARP and technical report/ guidelines (monitoring reports, technical report)	Monitoring results to be reflected to succeeding years' ARP and technical report/ guidelines (monitoring reports, technical report)	■	■	■	■	■	■	■	■	■	■	■	■	■	FPM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Hn, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung,)	JE: MF, CA LC: labour cost for monitoring			
3.4.1 Prepare a monitoring and assessment plan	Monitoring plan	Prepared monitoring plan (updated)	■													ditto	ditto	ditto			
3.4.2 Implement monitoring and assessment based on the plan	Monitoring Records/ reports	Prepared monitoring Records/ reports	■	■	■	■	■	■	■	■	■	■	■	■	■	ditto	SO, RO, DRO, F	ditto			

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APO-2012

3 May, 2012

Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks	
			2012						2013								Japanese	Myanmar		
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar						
4.2.1 Procure the satellite images	Procured satellite images for 2007, 2009, 2012	Procured satellite images for 2012	■	■												ditto	ditto	ditto		
4.2.2 Develop/update the land use map based on analysis of the images	Prepared land use map and data	Updated land use map and data			■	■	■	■	■	■	■	■	■			ditto	ditto	ditto		
4.2.3 Confirm CF/ ARP area boundaries and integrate in land use map	Prepared land use map and data															ditto	ditto	ditto		
4.3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta.	Project achievements to be shared among relevant sectors (prepared agenda of seminars, memos of seminars)	Project achievements to be shared among relevant sectors (prepared agenda of seminars, memos of seminars)														PM: U Zaw Win 4, PC: U Bo Ni	FFM: U Khin Maung Lwin, SOs (LPT: U Aung Gyi, BGL: U Khan Hnua, PYP: U Kyi Lin)	JE: CA, C (PCD, MF, TE, GIS, FC) LC: Seminar organizing cost		
4.3.1 Prepare annual implementation plan(s)	Prepared plans	Prepared plans														ditto	FFM	ditto		
4.3.2 Organize seminars annually	Prepared agenda, memos, records	Prepared agenda, memos, records														ditto	FFM, SO	ditto		
4.3.3 Organize project final seminar	Prepared agenda, memos, records															PM	PC, FFM, SO	ditto		
4.4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level	Interventions in Reserved Forest area to be shared and discussed among participants (prepared meeting agenda, records/ minutes)	Interventions in Reserved Forest area to be shared and discussed among participants (prepared meeting agenda, records/ minutes)	■	■	■	■										FFM: U Khin Maung Lwin	SOs (LPT: U Aung Gyi, BGL: U Khan Hnua, PYP: U Kyi Lin), ROs (LPT: U Zaw Min, U Zaw Thway, BGL: To be notified (TBN), PYP: U Pyae Phyo Aung,), DRO, Forester	JE: CA, C LC: meeting organizing cost		
4.4.1 Prepare list of donors/NGOs active in the target area	List of donors/NGOs	List of donors/NGOs	■	■	■											ditto	SO, RO	ditto		
4.4.2 Hold coordination meeting at district level	Prepared meeting agenda, records/ minutes,	Prepared meeting agenda, records/ minutes,			■											ditto	SO, RO, DRO	ditto		
4.4.3 Consolidate and share meeting records among participants/ project stakeholders	Prepared meeting records/ minutes,	Prepared meeting records/ minutes,			■	■										ditto	SO, RO	ditto		
Output X: Recovery from Cyclone Nargis is promoted (Additional Output after Cyclone Nargis in May 2008)																				
X.1 Prepare a hazard map based on analysis of damage of the cyclone Nargis	Prepared hazard map																			
X.2 Conduct quick damage & recovery survey in the Target Area	Damage and recovery of survey villages to be identified (documented survey results (in reports))																			
X.3 Conduct village profile survey in the Target Area	Village profile after cyclone of survey villages to be identified (documented survey results (in reports))																			
X.4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area	Recovery data of mangrove vegetation to be reflected into ARP and technical guideline (Result of analysis and evaluation in technical report)																			
X.5 Rehabilitate the CF Extension Centre and Nursery in each RF including facility with cyclone proof structure	Completion of rehabilitation of facilities in CFECNs																			
X.6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply	Materials/ equipments for recovery procured and distributed based on needs																			
X.7 Conduct public awareness activities on disaster prevention in the Target Area	Distribution of hazard map related public awareness material																			
X.8 Arrange necessary coordination among donors in the integrated mangrove management	Share experiences related to cyclone recovery and reflect such in integrated mangrove management (Prepared meeting records)																			
9. Activity related to project management and public relations																				
9.1 Organize JCC at least once a year	Project progress / plans shared and decisions made in timely manner (Signed minutes of Meeting of JCC)	Progress / plans shared and decisions made in timely manner (Signed minutes of Meeting of JCC)	■					■							■	PM: U Zaw Win 4	PD: U Aye Myint Aung FFM: U Khin Maung Lwin	JE: CA, C		
9.1.1 Organize JCC for approval of PDM2, PO2, DPO2, and APO2011	ditto															ditto				
9.1.2 Organize JCC for approval of indicators for PDM2, and APO2012	ditto	Signed minutes of Meeting of JCC	■													ditto				

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Activity as per PDM2	Expected Results During Project Period	Expected Results During this FY	Schedule												Person in charge	Implementers	Other Major Inputs		Remarks
			2012						2013								Japanese	Myanmar	
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar					
0.1.3 Organize JCC in relation to joint terminal evaluation	ditto	ditto														ditto	ditto	ditto	
0.1.4 Organize JCC in relation to termination of the Project	ditto	ditto														ditto	ditto	ditto	
0.2 Develop a DPO based on PO for approval by JCC	Approved DPO to be fully utilized by technical MCFIF staff															PD U Aye Myint Aung	PM U Zaw Win 4, PC U Bo Ni, FPM U Khin Maung Lwin	JE CA, C	
0.3 Develop an annual PO (APO) based on the DPO for approval by JCC	Approved APO for smooth implementation of Project activities															PD U Aye Myint Aung	PM U Zaw Win 4, PC U Bo Ni, FPM U Khin Maung Lwin	JE CA, C	To be approved during FY2011-12
0.4 Develop an annual report for review by JCC	Project progress and achievements to be timely shared at JCC (Prepared annual reports)	Project progress and achievements to be timely shared at JCC (Prepared annual reports)														PC U Bo Ni	FPM U Khin Maung Lwin, SOs U Aung Gyi, U Kan Hsun, U Kyi Lin	JE CA, C	
0.4.1 Draft annual report based on progress and achievement of project activities	ditto	ditto														ditto	ditto	ditto	
0.4.2 Review the draft report and finalize	ditto	ditto														ditto	ditto	ditto	
0.5 Organize internal project meeting regularly	Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records)	Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records)														PC U Bo Ni	FPM U Khin Maung Lwin, SOs U Aung Gyi, U Kan Hsun, U Kyi Lin	JE CA, C	
0.5.1 Organize Township level meeting monthly (SO+RO+JET)	ditto	ditto														SOs U Aung Gyi, U Kan Hsun, U Kyi Lin	ROs under township	JE Team members on site	
0.5.2 Organize District level meeting quarterly (FPM+SO+(RO)+(PC)+JET)	ditto	ditto														FPM U Khin Maung Lwin	SOs U Aung Gyi, U Kan Hsun, U Kyi Lin, (RO), (PC)	ditto	
0.5.3 Organize Project Management meeting quarterly (PM+PC+FPM+JET)	ditto	ditto														PM U Zaw Win 4	PC U Bo Ni, FPM U Khin Maung Lwin	ditto	
0.6 Monitor the achievement of the Indicators periodically	Indicators appropriately monitored to confirm achievement of outputs/ outcome	Indicators appropriately monitored to confirm achievement of outputs/ outcome														PC U Bo Ni	FPM U Khin Maung Lwin, SOs U Aung Gyi, U Kan Hsun, U Kyi Lin	JE CA, C	
0.6.1 Draft monitoring plan and forms	Prepared monitoring plan and forms															ditto	ditto	ditto	
0.6.2 Monitor progress/ achievement	Prepared monitoring records, reports	Prepared monitoring records, reports														ditto	ditto	ditto	
0.7 Prepare for joint evaluation	Provide data/ information readily available for evaluation	Provide data/ information readily available for evaluation														PC U Bo Ni	FPM U Khin Maung Lwin	JE CA	
0.7.1 Compile progress and achievement of project activities	Prepared reports	Prepared reports														ditto	ditto	ditto	
0.7.2 Collaborate with joint evaluation mission and provide necessary information	Data/ information readily available for evaluation															ditto	ditto	ditto	
0.8 Follow up the recommendations of the review/evaluation	Recommendations incorporated in Project and contribute to outputs/ outcome (Annual Completion Reports, relevant meeting minutes)	Recommendations incorporated in Project and contribute to outputs/ outcome (Annual Completion Reports, relevant meeting)														PC U Bo Ni	FPM U Khin Maung Lwin	JE CA	
0.8.1 Integrate recommended activities into APO	Prepared APO															ditto	ditto	ditto	
0.8.2 Confirm progress/ achievement of recommended activities and integrate results as part of monitoring	Results/ records of follow up	Results/ records of follow up														ditto	ditto	ditto	
0.9 Conduct public relations for the Project	Announce about Project and its activities (Prepared agendas, public relation materials)	Announce about Project and its activities (Prepared agendas, public relation materials)														PC U Bo Ni	FPM U Khin Maung Lwin, SOs U Aung Gyi, U Kan Hsun, U Kyi Lin	JE, TE, CA	
0.9.1 Draft public relation plan	Prepared plan															ditto	ditto	ditto	
0.9.2 Implement public relation plan	Prepared agendas, public relation materials	Prepared agendas, public relation materials														ditto	ditto	ditto	
a Update project webpage	Publicized webpages															ditto	ditto	ditto	
b Prepare public relation material (project brochures)																ditto	ditto	ditto	
c Prepare public relation material (project news letter)		prepared project news letters														(ditto)	(ditto)	ditto	
0.9.3 Monitor and evaluate result of public relation activities	Records of monitoring/ evaluation	Records of monitoring/ evaluation														ditto	ditto	ditto	

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