



DEPARTMENT OF IRRIGATION
AND DRAINAGE MALAYSIA

Minutes of Meeting

The 34th Meeting of Thailand – Malaysia Joint Evaluation Team on Golok River Mouth Improvement Project

**27 – 28 February 2019
Phuket, Thailand**

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on The Golok River Mouth Improvement Project
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AGENDA 1: OPENING ADDRESS

Mr. Surat Thanusin, the leader of Thai delegates, welcomed the Malaysian delegates to the 34th Meeting of Thailand – Malaysia Joint Evaluation Team (JET) on Golok River Mouth Improvement Project on 27th to 28th February 2019.

Mrs. Siti Aishah binti Hashim, the leader of the Malaysian delegates, expressed her appreciation for the warm welcome and arrangements for the Meeting.

Both sides introduced their delegates and the list of delegates is as shown in **APPENDIX A**.

AGENDA 2: ADOPTION OF AGENDA

The Thai side presented the proposed agenda for the Meeting. The Meeting agreed to proceed according to the proposed agenda as shown in **APPENDIX B**.

AGENDA 3: MATTERS FOR CONSIDERATION

3.1 Report on Monitoring and Evaluation of Golok River Mouth

The Malaysian side informed that the pre-monsoon survey 2018 cannot be done due to changing of Malaysian government after the general election; all projects need to be reevaluated and reapproved by the new government. The Malaysian side confirmed that the post monsoon survey 2019 already got an approval and will be carried out in April 2019.

The Thai side reviewed the 2018 post-monsoon survey was carried out by the Thai side in March 2018 that no sedimentation has accumulated at the river mouth.

Referring to Agenda 3.1 of the minutes of JET 33rd meeting, the Meeting agreed to confirm a task force team in JET 34th meeting. Both sides, therefore, presented the name list of the task force team as follows:

THAI task force

1. Director, Hydrology Irrigation Center (Southern Region), Royal Irrigation Department
2. Survey Engineer, Survey and Mapping Division, Marine Department
3. Senior Irrigation Engineer, Golok River Basin Operation and Maintenance Project, Regional Irrigation Office 17, Royal Irrigation Department
4. Civil Engineer, Professional Level, Bureau of Project Management, Royal Irrigation Department (Secretariat)

MALAYSIA task force

1. Deputy Director, Division of Water Resources Management and Hydrology, Department of Irrigation and Drainage
2. Deputy Director, Department of Irrigation and Drainage Kelantan, Department of Irrigation and Drainage
3. Engineer, Division of Coastal Zone Management, Department of Irrigation and Drainage
4. Engineer, Division of Water Resources Management and Hydrology, Department of Irrigation and Drainage (Secretariat)

This matter will be referred to the next JSC meeting for consideration.

3.2 Maintenance Dredging of Golok River Mouth

As agreed in the JET 25, JTWG 32 and JSC 14, the maintenance dredging is required based on the following criteria:

- (1) When the cross section area of the river mouth between Thailand and Malaysia breakwater tip is blocked up to 30% (for drainage purpose); or
- (2) When the bed level of the river mouth is at -2.0 m MSL or shallower (for navigation purpose);

The sediment patterns are to be monitored for at least 2 consecutive monsoon seasons in order to identify the need of maintenance dredging.

The Thai side reviewed the 2018 post-monsoon survey that no need for the maintenance dredging of Golok River Mouth at the time being.

3.3 Protection Work of Transit Point B

The Thai side already sent the design report with the detailed calculation of the protection work of Transit point B for Malaysian side's consideration

The Meeting acknowledged the Agenda 3.1 of the JTWG 36th Meeting took note that:

(i) Based on the presentation of the detailed design, the Malaysian side observed that the proposed protection works involve new specifications and components which need to be further deliberated since it is not in line with the provisions in the 1997 Agreement. Hence, Malaysia proposed that a new agreement to be drafted and negotiated between both sides; and

(ii) The Thai side confirmed that the 1997 Agreement includes the proposed protection works which is stated as protection works to transit point B under ANNEX 1 Paragraph 3.0 (b) of the 1997 Agreement.

The JTWG meeting agreed to inform JSC that both sides have exchanged legal views on para (i) and (ii) above.

The JET meeting will wait for JSC's decision in the upcoming JSC meeting in April 2019.

3.4 Rehabilitation and Protection Works at Golok River Mouth

The Thai side presented the revised schedule and the approval of the Environmental Impact Assessment (EIA) study is expected to be obtained by December 2019.

The Malaysian side informed that the detailed design of additional dyke was completed in October 2018 and the approval of the Environmental Impact Assessment (EIA) study is expected to be obtained by March 2019.

The rehabilitation works for Golok River Mouth is expected to be started in April 2020.

The revised schedule of work for both sides is as shown in **APPENDIX C**.

3.5 Mutual Calibration of Rating Curve at Cableway Station

In 2018, nine (9) mutual gauging measurements were done monthly, except in Jun, July and individual gauging in December. The mutual and individual gauging measurements are as shown in **APPENDIX D**.

The meeting agreed that the mutual gauging shall be scheduled during the last week of every month. If any additional gauging required then both sides should be informed prior to the event. For such purpose, both sides agreed to name three (3) contact persons as follows:

Thai side

1. Mr. Adinan Tel. +6695 948 8424
2. Mr. Abdullah Tel. +6686 902 0314
3. Mr. Abdultoleb Hemhoh Tel.+667 353 8041

Malaysian side

1. Hishamshury Bin Ibrahim, +6019-9372547
2. Akmalulizzah Bt Mohd Zain +6013-9853205
3. Mohd Asmadi B. Mat Nor +6013-9328805

The Thai side informed that the cross section survey will be done in March 2019 and Thai side will send an official invitation letter to Malaysian side.

The Meeting agreed to present the 2018 rating curve in the next JET meeting.

3.6 Real Time Monitoring System and Joint Website for Golok River Basin

New Telemetry stations and joint website

The Thai side informed that the data from six (6) new telemetry stations was completed and already shared on website. The Malaysian side informed that the data for new three (3) new telemetry stations was completed and ready for sharing. The meeting agreed that data sharing will be started on 1st of March 2019. The schedule for new telemetering stations is as shown in **APPENDIX E**.

AGENDA 4: OTHER MATTERS

4.1 Integrated River Basin Management (IRBM) Plan for Golok River

The Malaysian side reported that:-

- (a) Malaysia already prepared a draft of Memorandum of Understanding (“MoU”) between the Government of Malaysia and the Government of the Kingdom of Thailand in the field of Integrated River Basin Management between two countries;
- (b) Government of Malaysia intends to present the draft MoU at the 16th Joint Steering Committee Meeting, Malaysia – Thailand on the Golok River Mouth Improvement Project which will be held at the end of April 2019.

4.3 Date and venue for next JET meeting

The meeting proposed the date and venue for the next JET meeting is as follows:

Date: June 2019
Venue: Langkawi, Malaysia.

AGENDA 5: MATTERS TO BE REFERRED TO THE JTWG

Matters for information

1. Report of Monitoring and Evaluation of Golok River Mouth
2. Maintenance Dredging of Golok River Mouth
3. Protection Work at Transit Point B
4. Rehabilitation and Protection Works at Golok River Mouth
5. Mutual Calibration of Rating Curve at Cableway Station
6. Real Time Monitoring System and the Joint Websites for Golok River Basin

Matters for Consideration

1. Integrated River Basin Management (IRBM) Plan for Golok River
2. Report of Monitoring and Evaluation of Golok River Mouth (Task force)

AGENDA 6: ADOPTION OF MINUTES OF THE MEETING

The Meeting agreed to adopt the minutes of meeting of the thirty fourth Meeting of Thailand – Malaysia Joint Evaluation Team on the Golok River Mouth Improvement Project.



(Mr. Surat Thanusin)
Co-Chairman
Joint Evaluation Team, Thailand








(Mrs. Siti Aishah binti Hashim)
Co-Chairman
Joint Evaluation Team, Malaysia

APPENDIX A

THE 34th MEETING OF THAILAND – MALAYSIA JOINT EVALUATION TEAM (JET) ON THE GOLOK RIVER MOUTH IMPROVEMENT PROJECT






LIST OF THAI DELEGATES

- | | | | |
|----|---|-----------------------------------|--|
| 1. |  | Name
Designation
Department | Mr. Surat Thanusin
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| | | Contact no.
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surach36@gmail.com |
| 2. |  | Name
Designation
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Expert on Irrigation (Hydraulic Engineering)
Royal Irrigation Department |
| | | Contact no.
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| 3. |  | Name
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Director, Narathiwat Provincial Irrigation
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Regional Irrigation Office 17
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| 4. |  | Name
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Director, Phuket Provincial Irrigation Office
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| 5. |  | Name
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APPENDIX A

THE 34th MEETING OF THAILAND – MALAYSIA JOINT EVALUATION TEAM (JET) ON THE GOLOK RIVER MOUTH IMPROVEMENT PROJECT

LIST OF THAI DELEGATES


- | | | | |
|-----|---|-----------------------------------|--|
| 6. |  | Name
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| 7. |  | Name
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| 8. |  | Name
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| 10. |  | Name
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APPENDIX A


THE 34th MEETING OF THAILAND – MALAYSIA JOINT EVALUATION TEAM (JET) ON THE GOLOK RIVER MOUTH IMPROVEMENT PROJECT

LIST OF MALAYSIAN DELEGATES


1.




Name Mdm. Siti Aishah binti Hashim
Designation Deputy Director
Department Division of Coastal Zone Management
Department of Irrigation and Drainage
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Email cct_aishah@water.gov.my aishah@water.gov.my
2.




Name Ir. Roslina binti Yusop
Designation Senior Engineer
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3.



Name Mr. Epyzul Akmal bin Mohd Shahali
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Name Ir. Shardani bin Salleh
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**THE 34th MEETING OF THAILAND – MALAYSIA
JOINT EVALUATION TEAM (JET)
ON THE GOLOK RIVER MOUTH IMPROVEMENT PROJECT**

PROPOSED AGENDA

AGENDA 1: OPENING SESSION

AGENDA 2: ADOPTION OF AGENDA

AGENDA 3: MATTERS FOR CONSIDERATION

- 3.1 MONITORING AND EVALUATION OF GOLOK RIVER MOUTH
- 3.2 MAINTENANCE DREDGING OF GOLOK RIVER MOUTH
- 3.3 PROTECTION WORK AT TRANSIT POINT B
- 3.4 REHABILITATION AND PROTECTION WORKS AT GOLOK RIVER MOUTH
- 3.5 MUTUAL CALIBRATION OF RATING CURVE AT CABLEWAY STATION
- 3.6 REAL TIME MONITORING SYSTEM AND THE JOINT WEBSITE FOR GOLOK RIVER BASIN

AGENDA 4: OTHER MATTERS

- 4.1 INTEGRATED RIVER BASIN MANAGEMENT (IRBM) PLAN FOR GOLOK RIVER BASIN
- 4.2 DATE AND VENUE FOR NEXT MEETING

AGENDA 5: MATTERS TO BE REFERRED TO JTWG

AGENDA 6: ADOPTION OF MINUTES OF MEETING

EIA road map (THAI)

[illegible]

Detailed design & EIA road map (MAS)

DETAILS	2017	2018			2019			2020			2021 - 2022
	1-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12		
Detailed Design		~12 months									
EIA approval			6 months			3 months					
Construction										24 months (2020-2022)	

Agenda 3.5: Mutual Calibration of Rating Curve at Cableway Station

2018 Mutual Gauging Data

No.	Date	Level (m)	Discharge (CMS.)	Area, A (Sq.m.)	Velocity (m/s)
1.	30 Jan 2018	4.930	49.636	105.60	0.470
2.	15 Feb 2018	4.08	11.118	20.295	0.548
3.	29 Mar 2018	3.40	7.277	24.70	0.295
4.	26 Apr 2018	4.17	31.725	73.92	0.429
5.	24 May 2018	3.50	8.263	25.178	0.328
6.	30 Aug 2018	4.51	39.645	78.332	0.506
7.	24 Sept 2018	4.69	38.236	79.675	0.480
8.	30 Oct 2018	4.31	34.954	72.133	0.484
9	28 Nov 2018	4.51	39.612	83.868	0.472
10.	16 Dec 2018	8.54 (T)	227.010	265.863	0.854
10.	17 Dec 2018	8.85 (M)	220.236	261.351	0.843

