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Japan Aids to Navigation Association

Initiation of the Phase 2 Project in Malaysia

Following the Project on the “Development of VTS (Vessel Traffic Service) Capacity” which started in March, 2017 and ended successfully, the project to implement the VTS training courses for operators (both the modified course and short-term course) as well as the VTS manager course was initiated after establishing the remote data-communication links between ARTV (ASEAN Regional Training Center for VTS) and each of ASEAN nations, the first training facility of its kind to be set up in the ASEAN region.

1. Objective

Currently in ASEAN nations, the internationally qualified VTS operators are not sufficient in numbers. Japan, with this situation in view and in responding to the request of ASEAN, has been extending technical cooperation and implementing the VTS operator trainings for two years in 2016 and 2017 under the ASEAN-Japan Transport Cooperation Project after establishing the ARTV in Malaysia. (Phase 1 Project)

ASEAN further requested Japan a continuous technical cooperation to be extended for years after 2018. In response to this request, the Marine Department, Ministry of Transport Malaysia, submitted a project proposal to implement three training courses, two courses are for VTS operator trainings, namely, the modified standard course and the short term course, and the other is a manager course. System modifications of ARTV necessary for implementation of the trainings were also proposed. (Phase 2 Project) This Malaysian Phase 2 Project submitted as a part of activities in the field of transport cooperation scheme 「Maritime Safety Cooperation」 (VTS Operation Capacity Building Project) was adopted at the 15th ASEAN Transport Minister Meeting held on October 13, 2017. The project will be financially supported by the ASEAN-Japan Integration Fund that Japan contributed. (JAIF)

This project is in line with the “Free and Open Indo-Pacific Strategy” that Japan has been driving forward in order to achieve the connectivity between Asia and Africa

through realizing a free and open Indo-Pacific region and also to achieve the prosperity of the entire region.

2. Project Outline

(1) System Modification

System modifications and/or changes of the existing VTS operation simulator at ARTV will be made to install the following functions and also necessary equipment will be provided to each of ASEAN nations.

- Cloud type certification system necessary for implementation of the short term course (ARTV) at ARTV
- Waterway risk assessment tool (IWRAP) of the Cloud type at ARTV
- AIS data collection system at each of ASEAN nations. The system will be connected to the Cloud.
- End user terminals (computers) connected with the Cloud

(2) Implementation of the Modified Standard Course

Implementation of the modified standard course for three months, the same training as one implemented in Phase 1 Project. Implementation method is changed to conduct it after splitting it into two stages, each stage for about one and half months training.

(3) Implementation of the Short-Term Course

Implementation of the short-term course for one month. This course is organized for those who have already poses the knowledge and technique required for VTS operation.

(4) Implementation of the Manager Course

Implementation of the manager course for two weeks. This course is organized for those who deal with or engage in the development planning and/or assessment duties of the VTS system.

3. Implementation Body

The following three bodies will implement the Project

(1) Implementation body A: Japan Aids to Navigation Association (JANA)

Management of the project fund received from JAIF, overall coordination and administration, procurement of equipment and development of training materials

(2) Implementation body B: Expert Group on ASEAN Regional Training Center for VTS

Development of policy, selection of instructors and trainees, and liaison with IALA

(3) Implementation body C: Maritime Transport Training Institute (MATRAIN)

Provision of facilities and conduct of training in cooperation with Implementation A, JANA

4. Schedule

- Provision of such equipment as operation consoles and AIS receiver to each of ASEAN nations by August of 2019.
- Implementation of the modified standard course from November of 2019, the short-term course from October of 2020 and manager course from January of 2021
- To hold meetings of expert group of implementations A, B and C in April of 2019, April of 2020 and January of 2021, respectively.

5. Further Information to be published

Any further information with regard to the Project will be published on JANA's homepage (<http://www.jana.or.jp>)



Inquire to:

Masahiko Ohtani

Director in charge of general affairs

Japan Aids to Navigation Association