Status of Maritime Autonomous Surface Ship (MASS) in the Philippines
Government Agencies involved in Maritime:

- Department of Transportation
  - Maritime Industry Authority
  - Philippine Coast Guard
  - Philippine Ports Authority

- National Mapping and Resource Information Authority
- Philippine Atmospheric, Geophysical, and Astronomical Administration
- National Telecommunication Commission
In the last 5 years, Philippines has been participating in IMO meetings and other international conferences on MASS (virtual and in-person).

Participants are come from government agencies and private sectors:

- a.) Associated Marine Officers’ and Seamen’s Union of the Philippines
- b.) Maritime Schools and Training Centers
- c.) Maritime Industry Authority
- d.) Philippine Coast Guard
- e.) Other Government and Private Representatives
EFFECT OF MASS ON MARITIME REGULATIONS

- Presidential Decree 474
- RA 10635
- Philippine Merchant Marine Rules and Regulations
Status: There is on-going review in MARINA for future inclusion of MASS in the maritime curriculum, on top of the minimum requirement set by the STCW Convention 1978, as amended.

Future Plan: To involve all concerned government and private sectors, including experts in the design and development of curriculum.

Above is the process map of the MARINA-STCWO which reflects the relationship among the Input, Process and Output of the Organization. In this map, it shows the process how the curriculum is designed and implemented.
**Status:**
Various Technical Working Groups/Inter-government Agency Committees were already established as venues for discussion and decision making for such.

➢ **Future Plans:**
- To continuously participate in IMO meetings and other International Conferences, such as this;
- To review the different recommendations of member states for possible adoption;
- To collate and integrate different researches already conducted by government agencies;
- To conduct advanced research with the Maritime Universities and Research Centers; and
- To ensure sufficient resources for the ratification/adoptioin of relevant Convention/Codes/IMO Instruments.
Thank you for your kind attention.