## Closing remarks - Chair

On behalf the TWCWG, I would like to thank the Hydrographic and oceanographic Service of Chilean Navy, for hosting the meeting and for their warm hospitality. Each day, Shoa supported logistic for our expanded group, shared its experience on observations network and the control of tsunami alarm system. System also very well presented by Japan. Both showcase the efficiency of the operational answer at the service of life protection. The quality of the observations networks and the relevance of specified standards (critical heights, alert threshold, relevant visualizations) build up systems that are impressive in their definition and implementation.

This year, national presentations session has been particularly active with more presentations; Which is good, meaning increasing activities, projects.

Session "Vertical references" brought several views on the rich wealth of technics and underlined the importance of the vertical reference. We envisaged the outline of possible future products suggested by marine geoids improovment.

Talking about reference, there is one which is important: it's about education, formation. Our WG keeps focused on capacity building. This year, training materials are partially translated in 3 languages.

For product specification, it's a little bit as if we advance to a second step: A consolidation of embedded test phase. Exchanges between volunteers to test S-111 and S-104 are strongly encouraged during the next months. Moreover, the interface with the HSSC processes is an achievement of the S-111 maturity.

While concluding the meeting, from the beginning to the conclusion of TWCWG3, I thank all members of our working group for contributions. Thank you Mister Secretary of TWCWG, for your support, the connexions you foster in the WG, and your high level knowledge of IHO that helps a lot the WG in the tasks we carry on.

On behalf TWCWG, we thank you very much for giving us the opportunity to work here at Viña del Mar.

I wish all a safe journey home.

TWCWG Chair Gwenaële Jan,