

## Object of the surveys:

## To understand

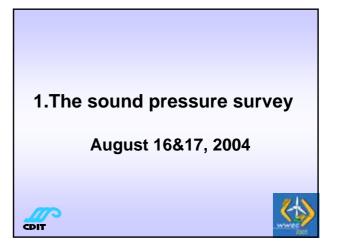
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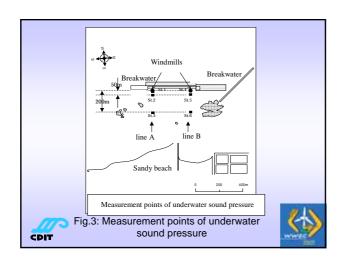
- The characteristics of offshore wind farm's sound pressure level
- The impacts on aquatic Community arising from the operation of wind farm
- 1. The sound pressure survey
- 2 . The aquatic community survey

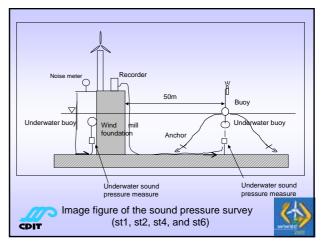




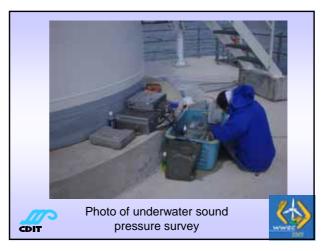


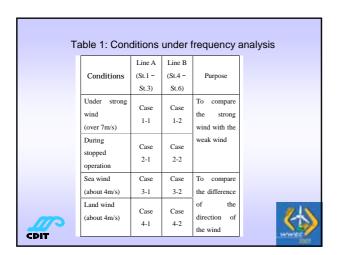


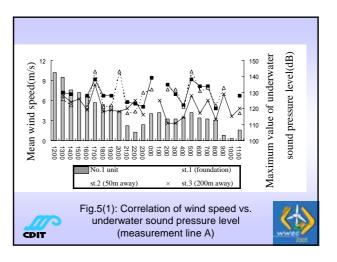


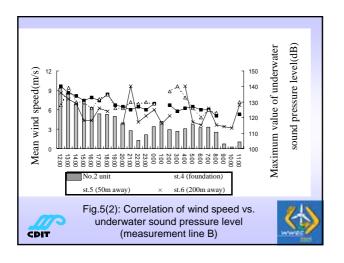


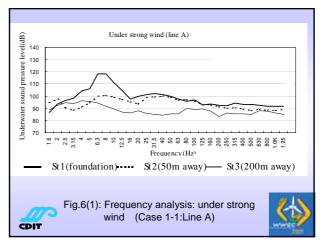


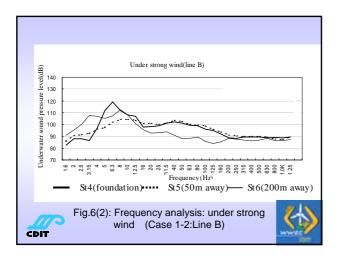


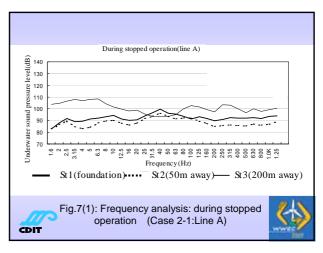


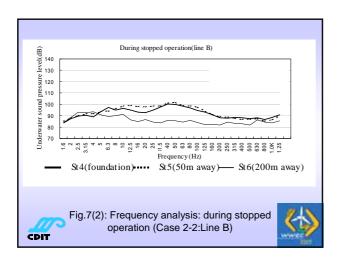


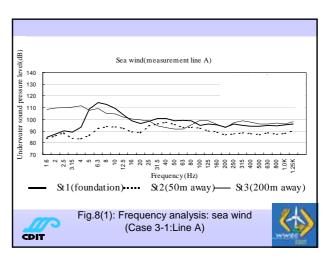


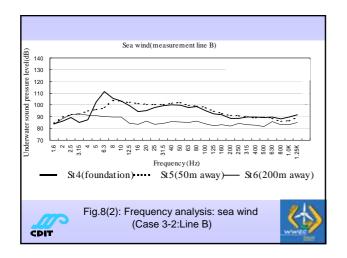


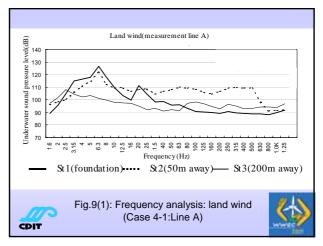


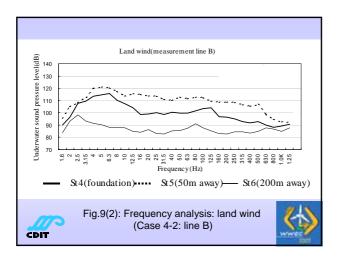


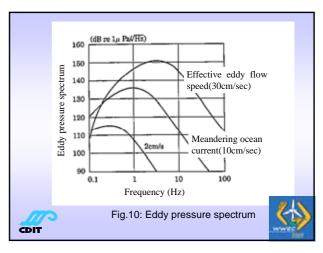




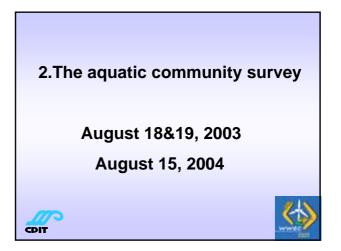


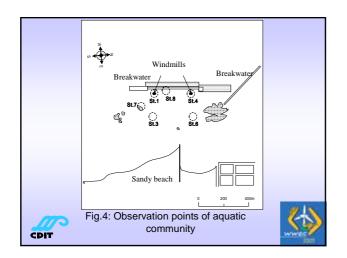


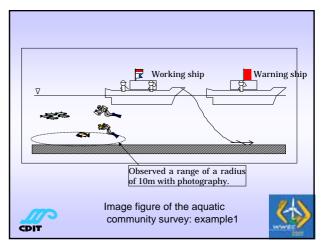




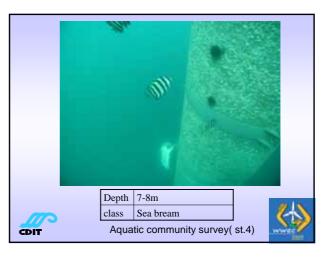
## Conclusion 1. The wind speed was 0 - 10 m/s and underwater sound pressure level was 109 - 140dB. 2. Underwater sound pressure level's frequency was 6 - 10Hz, in strong winds. This frequency is a strong resemblance to wave current disturbance. This is attributed to the fact that wave current disturbance was made by strong wind and breakwater.

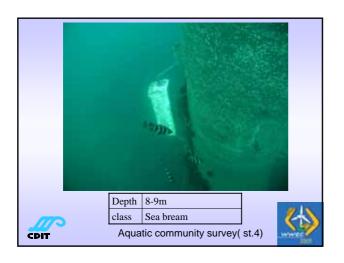


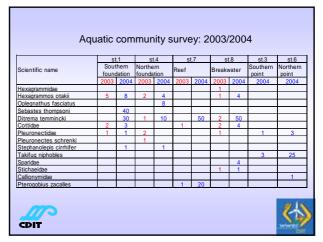


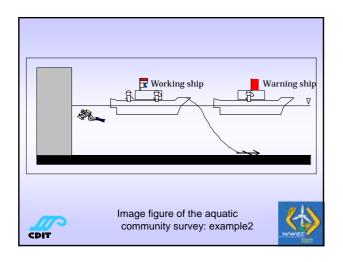


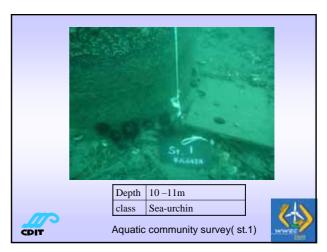


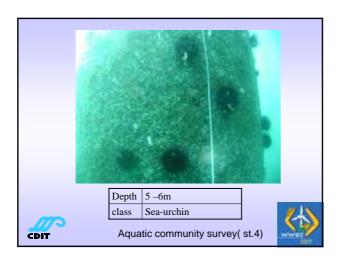


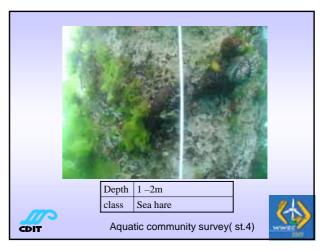












## Conclusion

- 1. The species number of fish community did not show any difference between 2003 and 2004
- 2. Individual number increased in 2004.

But ····



- 1 . It is still too early to derive a conclusion from these research findings only, because aquatic habitats undergo a natural process of change dynamically.
- Follow-up survey and monitoring of aquatic community is required on a continued basis.

