

Abstract (ENG)

In this day and age the search for alternative means of propulsion on board ships is more important than ever. The traditional fossil fuels are running out, and we are ruining our planet by using them. A different way to propel ships is needed. This is where FinEShiP comes in. To test FinEShiP to its full potential AMAiWave was developed. In this work you will read the research that went into the design of AMAiWave, from researching general information about the waves we will try to generate, to researching individual companies who built wave generators professionally, all this to provide an idea of the direction we need to go with AMAiWave. The final chapter covers explanations and diagrams on how AMAiWave was built.