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Offshore Crane Vessel Bokalift 1, Build by Dutch sailing group

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Mail-line

Hello As a member of the Dutch modelling group Mailline I will start this topic on the construction of the offshore crane ship BokaLift 1 in the coming period (total construction time probably 3/4 years) through many photos on this forum. In 2005, Mailline members purchased a model of a tanker from about 385 cm long as a large towing object. However, there was a desire to make the tanker a more functional model and so the tanker was converted in 1 winter time into an offshore crane vessel called MailLine Lifter. The crane was fully functional including a special ballast-, and anchor system. However, in September 2015 the trailer, including the model of the Mailline Lifter, was stolen from the storage location, and so far never found again. The lack of the Mail-Line Lifter caused a great demotivation among the members and it took until 2018 before we had the motivation again to start a new group project. In 2017, the Dutch shipping company Boskalis converted their semisubmersible heavy transport vessel Finesse into a large offshore crane vessel named BokaLift 1 A 3000-tonne Huisman crane was placed on the deck during the conversion. Partly because many members already had tugs from shipping company Smit, the decision was made to build a model of the BokaLift 1. (scale 1/50) During a construction meeting in spring 2018, the members decided to build the model in modules so that everyone can make their own part at home in their own workshop. The dimensions of the model are 438x86 cm with a maximum height of 270 cm The water displacement will be approximately 580 kg The construction of the model is therefore divided into the following parts: Hull Propulsion Crane / Boom Crane technology Stabilization system Accommodation Helideck / construction Boomrest Deckwinches Rescue parts (liferaft / boats) Deck detail Electro / electronics / RC Anchor system I started building the hull in September 2018 and the hull is built in 2 parts. The hull was drawn with a 3D drawing program (Delfship) and then in SolidWorks further adjusted to a body plan to create the largest possible usable space for all components. The frames are laser cut from 10mm poplar plywood Then glued together and covered with 3 mm thick pinewood slats in different widths I hope the many pictures say more than my limited English writing

