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Maintenance of the deep-sea ANTARES neutrino telescope

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ANTARES is the first neutrino telescope ever built in deep sea. The apparatus is equipped with 885 Optical Modules arranged on 12 detection lines. The construction of the apparatus was completed in 2008. The Collaboration then launched a two-year maintenance campaign, during which three lines were recovered and reinstalled, after curing some initial functionality problems. This activity has been quite successful so that the apparatus is back in the full 12 detection line configuration since November 2010. Furthermore, valuable experience toward the construction of a km3-scale apparatus has been gained during the process. The main points of these activities will be illustrated in this talk.

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