

Survey and Maintenance Planning: the Case of the Submarine Aqueduct to Elba Island (Italy)

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Abstract

The existence and the safe operation of any submarine pipeline shall be guaranteed by periodical surveys to ascertain their conditions.

One of the main problems, particularly evident for the long lines, is the possibility of performing reliable inspections without spending an extremely long diving time. Inspections performed by divers do rarely supply full and exact information, and, moreover, are consuming time and money.

The paper illustrates the equipment and methodologies of the survey and its results.