

PRESS RELEASE

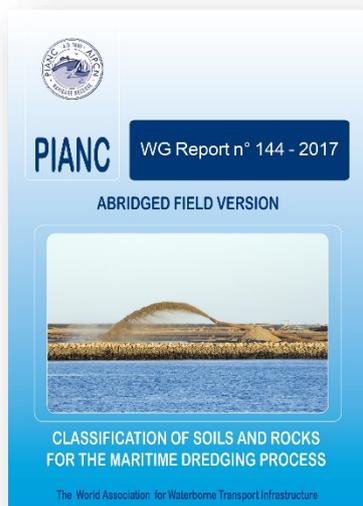


PIANC

The World Association for Waterborne
Transport Infrastructure

12 September 2017

NEW PIANC PUBLICATION AVAILABLE



Title: 'Classification of Soils and Rocks for the Maritime Dredging Process'

ABRIDGED FIELD VERSION

Author's: MarCom Working Group 144

Price: € 0 (28 pages)

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Introduction:

On 12 November 2015, PIANC MarCom issued a comprehensive report on the 'Classification of Soils and Rocks for the Maritime Dredging Process', hereafter termed the 'main report'. The Terms of Reference prepared by MarCom indicated that in addition to the classification itself, the main report should also deal with the interaction between the soil and rock properties and the complete dredging process, i.e. excavation, transport, disposal and reuse, taking into account the type of equipment used.

The objectives of the main report are:

1. to establish the physical and mechanical properties of soils and rocks that influence the excavation, transport, unloading and use/disposal processes
2. to establish the physical and chemical properties of the materials with respect to disposal or beneficial use at the deposition location
3. to provide guidance as to physical and mechanical properties of soils that influence the suitability of dredged material for reclamation purposes

Purpose of the field document:

During the elaboration of the main report and the subsequent reviewing, it appeared useful to issue an abridged version, mainly intended for field use. The field version briefly summarises the content of the main report and includes the tables or templates which are of direct use for the classification. The field version is primarily intended for the geologists and geotechnicians in charge of the description of the samples and the production of site investigation reports. By giving an overview of the main issues related to soil and rock classification, it is also useful for non-specialists involved in the design, procurement, supervision and use of ground investigation campaigns.

The reader is referred to the main report for more detailed information. The main report has precedence over the field version.

NOTE: The objective of this report is to provide information and recommendations on good practice. Conformity is not obligatory and engineering judgement should be used in its application, especially in special circumstances. This report should be seen as an expert guidance and state of the art on this particular subject. PIANC disclaims all responsibility in case this report should be presented as an official standard.

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