Record Nr. UNINA9910440107603321 80005-2-2016 - IEC/IEEE International Standard - Utility connections **Titolo** in port . Part 2, High and low voltage shore connection systems : Data communication for monitoring and control / / Petroleum & Chemical Industry of the IEEE Industry Applications Society Pubbl/distr/stampa Piscataway, NJ:,: IEEE,, 2016 **ISBN** 1-5044-2019-5 Descrizione fisica 1 online resource (116 pages) Disciplina 333.7932 Soggetti Electric utilities - Data processing Mobile offshore structures - Standards Electric power systems - Standards Harbors Lingua di pubblicazione Inglese **Formato** Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto Onshore power supply systems need communication between the ship side and the shore side. Different kinds of communication have to be distinguished, see Clause 3. This Part 2 of IEC/IEEE 80005 series deals with the non-safety related communication. It covers the requirements of the HVSC systems described in Part 1 and is also intended to cover the requirements of a forthcoming standard for LV shore connection systems. This part of IEC/IEEE 80005 describes the data interfaces of shore and ships as well as step by step procedures for low and high voltage shore connection systems communication for non-emergency functions, where required. This standard specifies the interface descriptions, addresses and data type. This standard also specifies communication requirements on cruise ships, in Annex A. Application of this standard relates to annexes of IEC/ISO/IEEE 80005-1. This

described in IEC/ISO/IEEE 80005-1.

standard does not specify communication for emergency functions as