Custody Transfer Measurement System
INTRODUCTION

The scope of this document is to define the state of art of the formulation, instruments and procedures to be considered to make a reliable custody of the LNG transferred between ship/shore and ship/ship.

The custody transfer system (CTMS) is based principally on the “LNG custody transfer handbook”, and, although it is not specifically intended to work out procedures for ship-to-ship LNG transfer and custody transfer for LNG carriers with type C cargo tanks, contains useful information and it is completed with specific instruments and procedures. The “LNG custody transfer book" is itself based on the ISO 13398 standard" LNG - Procedure for custody transfer on board ship". Subsequent to the publication of the “LNG custody transfer handbook”, the ISO standard 13398 has been revised by the ISO 10976 - Refrigerated light hydrocarbon fluids - Measurement of cargoes on board LNG carriers.

Additionally to the Custody Transfer, this document is also intended to fulfill the requirements of the Spanish Government regarding determination of the offloaded energy by Gas Carriers (PD-05).
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