

**PART II      RULES FOR THE CONSTRUCTION  
AND CLASSIFICATION OF IDENTI-  
FIED BY THEIR MISSION**

**TITLE 43      DREDGERS AND MUD BARGES**

**SECTION 6    PIPING**

CHAPTERS

- A    SCOPE
- B    MATERIALS AND MANUFACTURE  
     - See Part II, Title 11
- C    BUILDING PRINCIPLES  
     - See Part II, Title 11
- D    DESIGN PRINCIPLES  
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- E    DREDIGN PIPING SYSTEMS
- F    HULL PIPING  
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## CHAPTER A SCOPE

### CHAPTER CONTENTS

- A1. APPLICATION
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- See Part II, Title 11, Section 6
- A3. TECHNICAL DOCUMENTS  
- See Part II, Title 11, Section 6

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## A1. APPLICATION

### 100. Piping Systems

101. This Section of this Title applies to equipment of piping systems of dredging material, including pumps, valves and accessories, where related with the classification.

### 200. Statutory requirements

201. The requirements of NORMAM 01, item 0336 and annex 3P are to be satisfied, except items already with more severe requirements.

## CHAPTER E DREDGING PIPING SYSTEMS

### CHAPTER CONTENTS

- E1. PIPING SYSTEM OF DREDGING
- E2. HOPPER TRANSHIPMENT PIPING

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## E1. DREDGING PIPING SYSTEM

### 100. Principles

101. The conditions of the piping system will take into account the density and the abrasive properties of the product to be dredged.

### 200. Arrangement

201. All suctions should be equipped with filters, whose free areas should not be less than 3 times the area of the suction pipe.

202. The parts of the vessel that have contact with the dredged material should have protection against wear and / or measures to deal with the abrasion.

## 300. Dredging pumps

301. In case of dredging pumps being to perform auxiliary propulsion function or another that relates to classification, these conditions will be part of the classification and should be submitted for approval and inspection.

302. The pump installation is to take into account the weight of the material within the pipe line and forces generated.

## E2. HOPPER TRANSHIPMENT PIPING

### 100. Hopper transshipment piping

101. The level of transshipment, which limits the loading on the hopper and the pressure on the structure, should be indicated in the plans to be approved.

102. The section area of this piping is to be, at least, twice the sum of suction dredging areas.

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