CONTENTS

Chapter 1 In	ntroduction	1
1.1	Mechanism of corrosion	1
1.2	Corrosion prevention by paints	3
1.2	General Principles	5
1.5	Seneral Principies	5
Chapter 2 Surface Preparation		7
2.1	Millscale removal	7
2.2	Weathering	7
2.3	Picking	8
2.4	Airless Blast-Cleaning	8
2.5	Open – Or Nozzle-Blasting	9
Chapter 3 B	last Primers (Prefabrication Primers)	11
3.1	Use	11
3.2	Requirements	11
3.3	Formulation	12
3.4	Selection	17
Chapter 4 Sl	hips' Paints	19
4.1	Introduction	19
4.2	Exteriors – conventional Systems	20
4.3	Exteriors – high Performance Systems	35
4.4	Interiors	71
4.5	Application of ships' paints	82
Chapter 5 Pa	aints for Structural Steel	85
5.1	Introduction	85
5.2	Surface preparation	86
5.3	Conventional paint systems	86
5.4	High performance paint systems	98
5.5	Metal coatings plus paint	102
5.6	Application of structural steel paints	103