CONTENTS.

Introduction	CHAPTER	т				
	CHAPTER	1.			,	PAGE
Choice of Rule—Description of Rules—Principle	n—Reading	the Se	cales—(Other t	ypes	1
	CHAPTER	11.				
Multiplication—Division—S Cube roots—Logarithm	Squares—Squ ns—Quadrati	ics	roots-	-Cubes-		14
	CHAPTER	111.				-
Proportions—Percentages		•		-	*:*	31
	CHAPTER	IV.				
Trigonometrical scales and	calculations		• •	**	1.*	36
CHAPTI	ER V.—CAI	RGO '	WORK			
Space—Stowage factors—Sof logs—Safe working	Specific grav loads—Trin	ity—' i—Dr	Volume aft—St	and wability	eight 	44
CHAPTER VI.—DEAD	RECKONI CALCULAT	NG A	ND AS	STRON	OMIC	AL
Traverse table—Amplitud vations—Errors—Dip	les—Azimutl —Parallax—	-Pr Refra	ime ve ction—	tical o	bser- ridians	60
CHAPTER V	II.—COAST	AL N	AVIGA	TION.		
Distance to horizon—Ran conversion angle—Vertic Reduction to soundin	ai angles—	ng pro Count	oblems- eract	— d Con a curr	verger ent—	rcy or
	VIII.—AIF					
Use as a computor—Alti E.A.S. to T.A.S.—Cor G.P.H., T.A.S. and G. Point of no return—I	iversion of ut /S —Maximi	ım rai	nge—Cr	itical p		87

CONTENTS

CHAPTER XI.

Meteorology—Compass probl of depression—Revolution	ems—G	yro c	alculat speed	ions—A —Fuel	ngle con-	
sumption · · · · ·		* * *	• •			102
Al	PPEND	IX.				
I. Gauge points—Conversion	factors	—Conv	ersion	tables		119
II. Useful formulae · ·			4.4	• •	* *	123
III. Weights and storage factor	rs ··	***				128
IV. Tables of weights and mea	sures			* *		130