

TABLE OF CONTENTS

The significance of this guide 11

Acknowledgements 14

Introduction 17

Disclaimer 18

Abbreviations and Data 20

Other Abbreviations and Symbols used in this guide 21

Class of Lights and Radio Signals (Direction Finding Station)

GENERAL INFORMATION

CHAPTER 1

Preparation of the voyage 25

The vessel 25

Sails and Rigging 25

A good engine 26

Cockpit covers 26

Wind vane and Autopilot 26

Radar and GPS 26

VHF radio 26

Dinghy 26

Heating - Moisture 28

Clothing 28

Mooring techniques 29

Williwaws 30

Kelp 30

Fuel 31

Provisions 32

Marea Roja (Red Tide) warning 33

Salmon and Oyster farms 33

Entry papers 36

Charts and Pilots 39

Navigation rules: Maritime Buoyage System

Chile and Argentina information 40

Government, population, religion and language 40

Crime 41

Measures and Weights 41

Local Time - Daylight hours 41

Currency 42

Telephone - Internet 42

Mail 42

Health 42

Transport 42

Knowing Spanish 42

CHAPTER 2

History 45

A brief history of Chile 51

A brief history of Argentina

	Insights	
	Valdivia and Chiloé	
	Valdivia and Bahía Corral: the fortresses of Chile	57
	Isla Grande de Chiloé: history, religion and architecture	58
	Parque Pumalín: a successful ecological project	59
	Channels of Chilean Patagonia	
	Laguna San Rafael and Istmo de Ofqui	60
	Faro Ráper: an ancient story	61
	Lord Anson's fleet and the Wager shipwreck	61
	The city of the Caesars	62
	Puerto Edén, or the last of the Alacaluf Indians	62
	Patagonian Icecap: first explorers and scientific theories	63
	Estrecho de Magallanes	
	Magallanes and the discovery of the Strait	64
	In Magallanes' wake	66
	Estrecho de Magallanes: West to East	67
	The tragedy of Puerto del Hambre	67
	Fuerte Bulnes	68
	Joshua Slocum and the legendary Spray	69
	Punta Arenas between past and future	71
	Isla Grande de Tierra del Fuego and adjacent areas	
	The origin of the name Tierra del Fuego	71
	Padre De Agostini and the conquest of Monte Sarmiento	72
	Wrecked on Rocas Contramaestre Perón	73
	The first contact between whites and Indians: FitzRoy in Wulaia	73
	The sad story of Allen Gardiner	75
	Massacre at Caleta Wulaia	76
	The foundation of the first permanent mission: Ushuaia	76
	The Anglican mission looking for new frontiers	78
	The illusion of the Gold Rush	78
	The Argentine flag flies at Ushuaia	79
	Puerto Williams: the southernmost municipality of the world	82
	Cabo de Hornos	
	The discovery of Estrecho de Le Maire and Cabo de Hornos	83
	The new Cabo de Hornos route: political and economic implications	84
	The first yachts around Cabo de Hornos	85
	The Beagle and Romanche expeditions	87
	The Atlantic coast	
	Isla de los Estados	90
	Península Valdes: a wildlife sanctuary	96
CHAPTER 3	Geology and Morphology	101
CHAPTER 4	Flora	107
CHAPTER 5	Fauna	119
CHAPTER 6	The Ancient Inhabitants	141
CHAPTER 7	Meteorology and Forecasts	151

PATAGONIA AND TIERRA DEL FUEGO - PILOT

SECTION 1	Valdivia to Canal Chacao	161
SECTION 2	Chiloé Insular and Continental	173
	1. Chiloé Insular	179
	2. Chiloé Continental	203
	2.1 North side of Golfo de Ancud	203
	2.2 East side of Golfo de Ancud	212
	2.3 East side of Golfo de Corcovado	219
SECTION 3	Golfo de Corcovado to Laguna San Rafael	225
	1. Islas Guaitecas	234
	2. Canales Pérez Norte and Pérez Sur	238
	3. Canal Moraleda: East and West sides	243
	4. Canal Refugio, Seno Gala and Canal Jacaf	251
	5. Seno Ventisquero and Canal Puyuhuapi	255
	6. Canal Ferronave and Canal Pilcomayo	260
	7. Diversion: Seno Aysén	264
	8. Diversion: Laguna San Rafael	270
SECTION 4	Canal Darwin to Golfo de Penas	279
	1. Main access channels to Bahía Anna Pink:	
	Canales Darwin, Errázuriz, Chacabuco and Pulluche	283
	2. Secondary channels from Laguna San Rafael to Bahía Anna Pink	288
	3. Bahía Anna Pink and Boca Wickham	293
	4. Península de Taitao	296
	5. Golfo de Penas area	299
	5.1 Península de Tres Montes and Bahía Hoppner	299
	5.2 Northwest side of Golfo de Tres Montes	302
	5.3 Golfo de Penas	303
SECTION 5	Canal Messier to Ventisquero Pío XI	305
	1. Diversion: the Baker area	309
	2. Canal Messier, Angostura Inglesa, Paso del Indio	
	Canal Escape, Paso Piloto Pardo, Paso del Abismo	314
	3. Diversion: Seno Eyre and Ventisquero Pío XI	333
SECTION 6	Canal Wide to Canal Smyth	335
	1. Canal Wide to Angostura Gufa	339
	2. Diversion: Isla Guarello	350
	3. Diversion: Seno Tres Cerros - Canales Andrés and Pitt	352
	4. Diversion: Estéro Peel	357
	5. Canal Sarmiento and Canal Collingwood	363
	6. Canal Smyth	372
SECTION 7	Región de Última Esperanza and Puerto Natales	381
SECTION 8	Estrecho de Magallanes	401
	1. Western section	407
	2. Eastern section	424

SECTION 9	Channels linking Estrecho de Magallanes and Tierra del Fuego	445
	1. Canal Bárbara, Canal Acwalisnan and Canal Magdalena	447
	2. Diversion: Canal Gabriel	458
	3. Diversion: Seno Keats, Seno Martínez and Seno Agostini	459
	4. Diversion: Seno Almirantazgo	463
SECTION 10	Isla Grande de Tierra del Fuego (Chilean section)	467
	1. Canal Cockburn	472
	2. Canal Ocasión and Canal Brecknock	477
	3. Bahía Desolada to Canal O'Brien	483
	4. Brazo Noroeste del Canal Beagle	490
	5. Brazo Sudoeste del Canal Beagle	511
	6. Canal Beagle: Punta Divide to Atlantic Ocean	523
	7. Cabo de Hornos	559
	8. Diversion: Archipiélago Diego Ramírez	566
	9. Diversion: Canal Murray and Isla Hoste	566
SECTION 11	Isla Grande de Tierra del Fuego (Argentine section)	577
	1. Canal Beagle: from the Chilean boundary to Ushuaia	579
	2. Canal Beagle: East of Ushuaia to Atlantic Ocean	595
	3. List of Lights: Canal Beagle, Islas Hermite and Diego Ramírez	608
SECTION 12	Isla de los Estados	611
	1. North coast of Isla de los Estados	613
	2. South coast of Isla de los Estados	622
SECTION 13	The Argentine Atlantic coast: Mar del Plata to Estrecho de Le Maire	625
	1. Harbours and shelters in Argentine Patagonia	633
	2. List of Lights: the Atlantic coast	667

APPENDICES AND INDEX

APPENDIX I	A century of sailing south of the Antarctic Convergence	673
	Yachts that transited between 1902 and 2000	674
APPENDIX II	Bibliography	688
APPENDIX III	Dictionary:	
	- English - Spanish	694
	- Spanish - English	697
	- Food and Provisioning	700
INDEX	- Analytic Index	703
	- Drawings	715



Selk'nam arpoon