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Breezes; I: The Water; PART 3 DO-IT-YOURSELF LO-TECH NAVIGATION; DEAD RECKONING; Improvising a Compass; The Watch Compass; The Dutchman's Log; The Home-brew Log-ship; LATITUDE; Kamals and Polar Sticks; The Astrolabe, the Cross-staff and the Backstaff; Improvising Quadrants; Latitude Using the Sun at Noon; Latitude Using the Stars; Making a Sun-shadow Board; LONGITUDE; The Ubiquitous Quartz Watch; Using the Sun at Noon; Using a Compass; Longitude by Polar Stick; A Minimalist Longitude using Kochab; A Combined Declination/EoT Table; PLUMBING THE DEPTHS; PART 4 SURVIVAL NAVIGATION; EMERGENCY KITS AND GRAB-BAGS; NOTES; RECOMMENDED FURTHER READING; Books; Websites; APPENDICES; Appendix 1: Quadrant Scale; Appendix 2: The Barefoot Navigator's Survival Kit; Appendix 3: Declination of Sun for Noon at Greenwich; Appendix 4: Declination of Sun (Small Version); Appendix 5: Schematic for Sun-shadow Board; Appendix 6: Gnomon Settings for the Sun-shadow Board; Appendix 7: Graph for the Equation of Time (EoT); Appendix 8: Small Graph for the Equation of Time (EoT); Appendix 9: The Beaufort Scale; Appendix 10: Global Position Emergency Locator; Appendix 11: Standard Time Zones; Appendix 12: World Ocean Currents; Appendix 13: Combined Table for Declination and Equation of Time (EoT); INDEX; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; Z

Sommario/riassunto

The Barefoot Navigator is an unusual and fascinating exploration of the skills of navigation employed by the ancients and transferrable to the present day. The first half of the book investigates the navigation capabilities of seafarers long before modern navigation instruments or charts became available. For example, how did the Polynesians manage to populate an area of ocean larger than North America simply by analysing clouds, currents, wind direction, sun, stars and the flight patterns of ocean birds? And how did the Vikings routinely travel between Iceland, Greenland and Scandinavia - hug

2. Record Nr.	UNINA9910962764703321
Titolo	A modified baseline incineration process for mustard projectiles at Pueblo chemical depot // Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program, Board on Army Science and Technology, Division on Engineering and Physical Sciences, National Research Council
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Edizione	[1st ed.]
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Sommario/riassunto	The United States has maintained a stockpile of chemical warfare agents and munitions since World War I. The Army leadership has sought outside, unbiased advice on how best to dispose of the stockpile. In 1987, at the request of the Under Secretary of the Army,

the National Research Council (NRC) established the Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program (Stockpile Committee) to provide scientific and technical advice and counsel on the CSDP. This report is concerned with the technology selection for the Pueblo site, where only munitions containing mustard agent are stored. The report assesses a modified baseline process, a slightly simplified version of the baseline incineration system that was used to dispose of mustard munitions on Johnston Island. A second NRC committee is reviewing two neutralization-based technologies for possible use at Pueblo. The evaluation in this report is intended to assist authorities making the selection. It should also help the public and other non-Army stakeholders understand the modified baseline process and make sound judgments about it.
