Reproduced from Zheng He's Art of Collaboration: Understanding the Legendary Chinese Admiral from a Management Perspective, by Hum Sin Hoon (Singapore: Institute of Southeast Asian Studies, 2012). This version was obtained electronically direct from the publisher on condition that copyright is not infringed. No part of this publication may be reproduced without the prior permission of the Institute of Southeast Asian Studies. Individual articles are available at <a href="http://bookshop.iseas.edu.sg">http://bookshop.iseas.edu.sg</a>

## **INDEX**

5 Acts of Collaboration, 47, 60, 61, 65, 66-94, 118 Act of Articulating Intent, 41-42, 66-68 articulating mission and values, transparent to all, 41 share blessings and goodwill and all peoples live in peace, 67 Act of Building Win-Win, 43-44, 72-80 own initiative, 72-74 strategic preparation and execution, 74-75 separate fleet into squadrons, 75 set up trade bases, 74 transport and storage of trade items, 74 trade items and activities, 75-76 allow private trade, 43

facilitate trade, 43 import foreign goods, 43 trade export goods, 75 win-win trade benefits. 76-79 build and facilitate win-win trading relations, 44 Act of Cultivating Trust, 45-47, 85-91 Act of Ensuring Sustainability, 44-45, 81-84 ensure substainability of collaborative environment and relationship, 44 eradicate privacy and threats to regional security, 81-83 maintain power balance in the region, 83-84 secure external environment for trade activities, 44 Act of Practising Generosity, 42-43, 68-71 generosity, 42, 68

gifts, 28	Annam (Vietnam), 11, 84
interacting with the locals,	AoC and 5Acts of Collaboration,
69	learning from
sharing of China's resources	build win-win and grow
and knowledge, 42, 71	business, 93
give free medical	collaborative mindset, 93
treatment, 70	connect with others, 93
share agriculture and fishing	eye on environmental threats,
techniques, 70	93
Abdul Majid Hassan, Borneo	generous in giving and sharing,
King, 90	93
acceptance of the different	Arab countries, 177, 209
personal faith practices of his	Arab traders, 202
men, 267	Arab world, 73, 77
accountability, 187–88	Art of Collaboration (AoC), 20,
Aceh, 223, 259	25-53, 60-94, 108-25, 157,
see Samudra (or Semudera)	158, 228
actions on the ground, 42	alternative model to AoW,
non-antagonistic, non-	25–53, 110
aggressive and non-	Art of War (AoW), 20, 25-59, 26,
colonization behaviours,	50, 92, 109, 110, 113, 118,
46	119, 120, 121, 122, 123, 124
"administrated" transactions,	Ashab Mosque, 253
123	Astronomical Navigation
aggression, 26, 27, 50, 109, 139,	(the "Star Observation Across
188	Oceans" technique), 214
Alakeswara (also Alagakkonara),	authority in making decisions, 61
Ceylonese King, 31, 45, 82,	
88, 139, 187	В
also see King of Ceylon	bandits, 44, 81, 89, 91, 115, 151,
Allah, 46, 90, 117, 254, 257, 262,	175
263, 264	Basalawarmi, Prince of Liang, 7, 8
alternative to Sun Zi's AoW, 25	Battle of Jingnan, 9, 142, 178
antagonism, 26, 50, 139, 188	battle ships, 39, 150, 181, 236

benevolence, 111 71, 74, 78, 84, 85, 112, 182, 185, 208, 211, 219, 220, 224, being generous, 113 blank scrolls, 10, 16, 65, 143, 157 230, 259 also see Zhancheng Boni (Brunei), 11 Buddha, 10, 46, 90, 117, 137, Changle, 10, 17, 135, 136, 146, 248, 255, 256, 263 158, 163, 177, 185, 209, "Sanbao" (Buddhist "Three 218–19, 230, 231, 256, 258 Treasures" or Triratna), 10, Chen Yicheng, Senior Medical 255, 256 Officer, 70, 177 Buddhist law (dharma), 10, Chen Zuyi, 31, 45, 81, 87, 88, 256 115, 139, 140, 187, 188 community (sangha), 10, 256 Cheng Ho, 4 Buddhism, 10, 252, 255, 258 China Buddhist Classics, 255, 256 close its door, 49 building trust, 48, 66 gentle giant with enduring goodwill, 51 C China's peaceful rise, 51 Calicut, 12, 29, 39, 40, 43, 69, Chinese culture, 12, 19, 28, 35, 74, 84, 86, 91, 148, 182, 185, 108, 111, 112, 154 208, 222, 224–26, 230, 231, Chinese Muslims, 253, 254 259 Chinese traders, 62, 73 capability in planning, Christopher Columbus, 14, 15, organizing, directing and 19, 28, 164 controlling voyages, 25 clarity of strategic intent of capable organizer, 143 voyages, 198 Care for Crew as the Fuel for Clever HR Organizer, 172, 179-83 Performance, 183-85 Organization and Structures castrated, 8, 16, 142, 251 as the Required Enabler, CEO, 17, 33, 134, 149, 208 179 - 82Cevlon, 12, 29, 39, 40, 45, 46, communications, 181 47, 82, 88, 90, 91, 117, 121, fleet to sail with a formation, 185, 208, 222, 223, 226, 230, 181 263, 264 departments, 180 Champa, 11, 38, 39, 40, 42, 69, Command Centre, 180

Foreign Affairs and Supplies comparative analysis of AoC and AoW, 110 Department, 180 Military and Defence competition, 51, 109, 123, 124, 125, 206 Department, 180 Navigational Affairs competitive advantage, 5, 202, Department, 180 207, 238 ships, 180–81 competitors, 26, 50, 52, 92, 109, grain ships, 181 123, 125, 228 horse ships, 181 computing analytics, 238 treasure ships, 180 concern, may not succeed, 138 water ships, 181 conflict, 51, 82, 84, 88, 89, 112 sub-fleets, 181-82 confrontation, 51 close and frequent linkages with connections with the locals, 46, the emperor, 31, 189 90, 91 close links, 189 consistency of basic route, timing Cochin, 12, 29, 39, 70, 71, 84, and countries visited, 230 185, 222, 225, 259 facilitated continual learning, 230 coexist peacefully, 19, 28, 63 collaborative partnerships, 52 continual improvements, 234 Collaborative Planning, Continuous Replenishment Forecasting and Program (CRP), 228 Replenishment (CPFR), 228 conviction collaborators, 125 with utmost loyalty there is colonization, 19, 26, 28, 50 nothing (that he) cannot do, commander-in-chief, 9, 13, 16, 145 17, 65, 143, 155, 173, 199, corporate inclusiveness, 250, 208, 235, 253, 260, 263, 267 261 - 67Commander-in-Chief Ship, 235 corporate sponsorship, 31 command and control of fleets, crew of tens of thousands of 18, 147, 196, 201, 214 men, 175 Commissioners of Foreign Trade, crew size, 194 10, 202 crew's higher-level needs, 184 communicate, 18, 41, 47, 67, cultivating and earning trust, 45 117, 122, 196, 210, 213, 214 cultural wisdom, 262

D	East-West sea route, 222
Dabao'en Temple, 71, 80, 188,	eclectic nature of religious beliefs,
255	10
Dazang Jing Buddhist Classics,	Efficient Consumer Response
255	(ECR), 228
dazong, 40, 182	Emperor Gao Zong, 202
deception, 41, 66, 116, 118, 119,	Emperor Hongwu, 3, 42, 63, 69,
121, 123	72, 81
deep burden and responsibility	policy of Haijin, 72
for their safety, 185	Emperor Hongxi, 135
deep care for crew, 185	Emperor Hui (Jianwen), 9, 62, 72
Deng Xiaoping, 50	Emperor Ming Taizu (Zhu
design and construction of	Yuanzhang), founder of the
massive, state-of-the-art fleet,	Ming Dynasty, 7, 8, 9, 10,
200	11, 12, 27, 29, 142, 220
designing and building ships,	foreign policy, friendly and
196	peaceful, 11
Desired Outcome, 110	Emperor Renzong, 48, 64, 65, 122
detailed routes, 231	Emperor Xuande, 12, 13, 28, 29,
devout Muslim family, born into,	136
6, 10, 139, 248, 249	Emperor Xuanzong, 48, 221
Dhofar, 12, 29, 44, 77, 230, 259	Emperor Yongle (Zhu Di), 9, 10,
dichotomous strategies, 110	11, 12, 13, 16, 17, 19, 26, 27,
diplomacy of peace, 19, 28, 108,	20 20 21 22 22 27 41 42
	28, 29, 31, 32, 33, 36, 41, 42,
187	28, 29, 31, 32, 33, 36, 41, 42, 43, 45, 61, 62, 65, 66, 67, 68,
187 diplomat, 5, 155, 164	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88,
	43, 45, 61, 62, 65, 66, 67, 68,
diplomat, 5, 155, 164	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154, 155, 156, 157, 173, 177, 183,
diplomat, 5, 155, 164 duration of voyages, 5, 15, 18,	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154,
diplomat, 5, 155, 164 duration of voyages, 5, 15, 18, 36, 133, 150, 172, 184, 195,	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154, 155, 156, 157, 173, 177, 183, 187, 188, 189, 191, 199, 203, 204, 208, 220, 221, 225, 226,
diplomat, 5, 155, 164 duration of voyages, 5, 15, 18, 36, 133, 150, 172, 184, 195, 196, 204	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154, 155, 156, 157, 173, 177, 183, 187, 188, 189, 191, 199, 203, 204, 208, 220, 221, 225, 226, 252, 253, 255, 260
diplomat, 5, 155, 164 duration of voyages, 5, 15, 18, 36, 133, 150, 172, 184, 195, 196, 204	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154, 155, 156, 157, 173, 177, 183, 187, 188, 189, 191, 199, 203, 204, 208, 220, 221, 225, 226, 252, 253, 255, 260 death, 48, 135
diplomat, 5, 155, 164 duration of voyages, 5, 15, 18, 36, 133, 150, 172, 184, 195, 196, 204	43, 45, 61, 62, 65, 66, 67, 68, 72, 73, 80, 82, 83, 84, 85, 88, 108, 139, 141, 142, 143, 154, 155, 156, 157, 173, 177, 183, 187, 188, 189, 191, 199, 203, 204, 208, 220, 221, 225, 226, 252, 253, 255, 260

motives, 62 F perspective, 258-60 faith and beliefs, 250 political ideology, 63 faith and management, 18-19 coexist peacefully and faith of his fathers, not prosper together, 63 abandoned, 253, 262 reign, 79, 80, 221, 253, 255 faith practices, 19, 248, 249, 250, successor, 48, 135 256, 257, 258, 260, 261, 262, vision 263, 264, 266, 267 trade to prosper, 41 Fast Moving Consumer Goods emperor-decreed mission, 5, 19, (FMCG), 228 41, 50, 52, 62, 66, 67, 72, father, Milijin, 6, 18, 251 108, 137, 147, 155, 174, 187, Fei Xin, 34, 224, 259 188, 190, 196, 198, 199, 200, fenzong (branch fleets), 40, 182, 231, 249, 250, 263 183 enemies, 26, 50, 52, 92, 109, 124, Ferdinand Magellan, 14, 15, 164 228 entrepots, 73, 76, 83, 222 storage space for imperial gifts envoys, 7, 10, 27, 33, 42, 43, 45, and trade products, 234 61, 65, 68, 69, 73, 79, 82, 89, fleet design, 196 115, 156, 176, 180, 200, 202, fleet formation, 213 209, 220, 221, 223, 225, 227, floating fifteenth-century supply 235, 259 chain, 195 Ming envoys, 11, 27, 221 floating supply chain to the era, 240 West, 210 eunuch, 3-20, 29, 32, 142, 251 "Focused Factory" eunuch slaves, 8, 16, 32, 142, 155 "Plant within a Plant", 207 exchange of medicine, 186 Forbidden City, 140, 188 Execution of Strategies, 110 foreign languages, 33, 34, 177, exhibitor or special logistics 209 services, 239 foreign policy expeditions, 28, 32, 35, 36, 37, friendly and peaceful, 10, 11, 39, 46, 48, 49, 50, 87, 90, 185 12, 27, 42, 47, 68 expert specialists, 215 foreign trade, 10, 27, 35, 180, extended reach of supply chain, 186, 202, 205, 226 229 fragmented industry, 92

friendly ties between China and	Gong Zhen, 210, 259
other countries, 12, 19, 28,	good knowledge of each country
108, 154	visited, 186
Fu Youde, 8, 251	goodwill
Fujian, 36, 39, 71, 78, 160, 202,	spread of, 19, 28, 30, 40, 45,
203, 204, 219, 255, 262	48, 85, 89, 108, 139, 156,
fundamental motivation, 141	188, 196, 199, 249
Fundamental Strategic Objective,	grain ships, 39, 150, 181, 210,
110	236
AoC	Grand Director (taijian), 9, 143,
form collaborative	146, 147, 199, 256
relationships to co-	Grand Eunuch, 9, 143
create, 114	grand voyages, 12, 19
maximize value for all, 114	grandeur, 13
AoW	grandfather, Chaermidena, 6, 18,
dominate enemy, 113	251
minimize value destruction,	Gresik, 254
113	guanchang (or warehouse), 74, 75,
	76, 175, 198, 222, 224, 234–
G	35, 236–37, 238, 239, 241
Game Theory, 119	
Geithner, Timothy, U.S. treasure	H
secretary, 52	Haiguo Jianwen Lu, 69
"Geng" and "Sand Hour-Glass"	Haji Ma, 6, 141, 251, 252
to measure depth of water,	Han Dynasty, 28
speed and time, 214	Hanafite Muslim Chinese
global explorer, 4	communities, 254
Goddess of the Sea, 10, 137, 138,	harmony, 162
160, 184, 256, 257, 258, 260,	Hasan, spiritual leader of the
262	Qingjing Mosque, 46, 90,
see Mazu	160, 177, 209, 257, 259, 262
also see Heavenly Princess	call to Allah for help, 262
(Tianfei)	Heavenly Princess (Tianfei), 137,
Golden Age of Indian Ocean	159, 248
commerce, 240	also see Goddess of the Sea

Hindu god Tenavarai-Nayanar, 46, 90, 117, 264	imperial edict, 10, 27, 44, 77, 84, 155
Hong Bao, 33, 146, 148, 176,	imperial gifts, 175, 195
208, 259	crowns and girdles, 220
Hormuz, 12, 14, 29, 39, 82, 148,	implications, 189–90
185, 195, 217, 224, 226–27,	inclusive society, 262
230, 231, 253, 254, 259	inclusiveness, 50
see Persian Gulf	India, 4, 14, 15, 48, 73, 77, 101,
horse ships, 39, 150, 181, 236	139, 155, 187, 195, 217, 222,
Hou Xian, 33, 65, 146, 147, 156,	223, 224, 230, 260
176, 208, 259	information capital, 190
HR Role model, 172, 190	interpreters, 33, 34, 177, 180,
HR roles, 173	181, 209, 210, 236, 254
Huangming dazhengji, 9	invoking protecting of divine
Hui Yao Fang, 71	spirits, 184
human and technological	Islam, 46, 90, 160, 254
capabilities, 30	spread of, 160, 254
human capital, 17, 31, 32, 35,	Islamic beliefs, 252
171, 190	Islamic faith heritage, 250–52
Human Resource	Islamic practices, 252–54
mission-critical resource, 175	Islamic states, 259
Human Resource as the Key	Islamic world, 259
Strategic Asset, 174–75	Islamization of Southeast Asia, 254
human resource management, 17	isolation, 49, 50, 162
learning from Zheng He,	
190–91	J
practices, 17, 171–91	Java, 11, 14, 39, 43, 69, 73, 77,
	83, 84, 85, 89, 185, 195, 211,
I	217, 220, 254, 259
immediate superiors	Javanese legends, 148
manage relationships, 16	Jiangnan, 17, 205
imperial decree, 12, 13, 28, 29, 41,	Jingde Zhen (most reputed
67, 83, 203, 252, 253, 259	porcelain production centre),
read out, 41, 67	77, 78
1000 000, 11, 07	.,,,,

Jinghai Temple, 189, 255 leadership and management Jingjue Mosque, 254 capabilities, 16, 134 Jinshan Temple, 255 leadership model, 135, 138–63 allegiance to authority (A-A) JIT (Just-in-Time) system, 216, 234 strategy, 139-46 accountability, 139 K continued trust, 140 kept crew motivated, 185 motivation and conviction. King of Borneo, 90 141-44 King of Calicut, 224, 225, 226 band of brothers (B-B) strategy, King of Ceylon, 32, 139, 187 146-49 see Alakeswara bonding through proximity King of Champa, 220 and time. 148-49 King of Dhofar, 46, 77 delegation of work, 148 King of Java, 89 sharing the burden of King of Malacca, 83, 84, 221 leadership, 147 see Parameswara care for crew (C-C) strategy, King of Samudra, 223, 224 149-54 King of Siam, 83, 84 deep care, 152-53 knowledge, tools and techniques safety, 151-52 of navigation, 214 welfare, 150-51 Kunyang, 6, 7, 32 monetary rewards, 151 promotion in ranks, 151 L sewing services and Landmark Piloting Method in haircuts, 151 conjunction with Zheng He supplies and resupplies, Navigational Map, 214 150 large scale trade, plan to carry doing due diligence (D-D) out, 175 strategy, 154-59 leader, 136, 164 accepting the job, 154-55 leadership, 16–17 defining the job, 155–57 superstitious belief, 159 doing the job, 157–58 leadership and faith, 163 embracing the eternal (E-E)

strategy, 159-63

leadership and management, 134

personal conviction, 160–62	M
religious inclusiveness, 160	7S Model of Importance in
Buddhist rituals and	Logistics and Supply Chain
ceremonies, 160	Management, 197–240
entrust fleet to protection	Ma Haji Epitaph, 7, 32
by divine spirits, 159	Ma He, 5, 6–8, 9, 251
Muslim beliefs, 160	brother of, Ma Wen Ming, 6,
leadership principles and	141, 251
practices, 134	Ma Huan, 34, 40, 177, 209, 223,
legacy, 4, 50	224, 225, 226, 235, 236, 259
Les Chinois De La Diaspora, 64	description of the people of
Li Xing, 33, 146, 176, 208	Samudra as very honest
Linggu Temple, 255	and genuine, 224
Liu Daxia, 79	Yingya Shenglan, 40, 43, 44, 74,
instructed burning of	76, 77, 81, 83, 86, 88, 91,
documents and records	236
regarding Zheng He's	Majapahit, 222
voyages, 79	Malacca, 4, 12, 29, 39, 40, 74, 75,
Liujiagang, 36	77, 78, 83, 84, 134, 152, 175,
Liujiagang and Changle	182, 185, 220, 221, 222, 224,
inscriptions, 135, 136–38,	225, 235, 236, 240, 259
153, 159, 161, 184, 248, 256	Malacca sultanate, 221
local customs, 35	Malay Annals, 254
logistics, 18, 74, 195, 197, 199,	Malay Archipelago, 254
212, 228	Malay Peninsula, 211, 220
large scale, 196	management and leadership
logistics and supply chain	practices, 5
management, 18, 195–97	management committee, 149
logistics and supply chain	management perspective, 15-16
operations, 212	"managing the boss", 186
logistics and supplies to support	manipulation, 116
movement and sustenance of	manufacturing and services
massive fleet and crew, 199	supply chains, 240
logistics bases, set up, 175	Mao Yuanyi
Longjiang Shipyard, 203	Wubeizhi, 231

Marco Polo, 203 Ming China maritime trade, 72, 73, 74, 203, comprehensive capabilities in 225 shipbuilding and maritime market surveys, 34, 186, 232 trade, 203 "market" transactions, 123 financial position, 80 "matou" or "great habour" of the projection of power, 63, 174 Western Ocean, 224 splendor and glory, 89, 174 Mazu, 160, 184, 259, 260, 262, Ming Court, 4, 5, 8, 12, 16, 37, 263 42, 64, 68, 69, 73, 79, 80, 81, believer. 256 82, 83, 88, 89, 90, 92, 115, 142, 175, 188, 189, 199, 200, practices, 256-58, 262 see Goddess of the Sea 205, 218, 219, 221, 223, 224, Mazu altars, set up, 184 225, 227, 251, 259 Mazu belief, vision of peace and stability, stemmed from Chinese 41, 67 traditional culture. Ming Dynasty, 7, 9, 10, 11, 13, traditional values and 27, 28, 62, 63, 143, 202, 203 morality, 262 Mazu Temple, 28, 160, 256 Ming Shi, 9, 43, 62, 63, 76, 88, Mecca, 6, 7, 14, 18, 32, 148, 195, 89, 256 217, 251, 259 Ming Shi Lu, 12, 28, 221 medical officers, 33, 34, 46, 70, Ming Taizong Shilu, 45, 68, 82, 88 71, 90, 112, 150, 177, 180, Minghui Dian, 43, 76 181, 209, 232, 233, 236 mission, 12, 17, 19, 26, 27, 28-30, 32, 33, 37, 40, 41, medical services, 211 medical, cultural and religious 42, 47, 60–94, 108, 117, 138, services, 211 140, 151, 154, 156, 164, 172, Mencius, 7, 32 173, 174, 175, 178, 179, 182, message, 64, 67, 108, 109, 117, 183, 185, 186, 187, 191, 198, 156, 252 199, 200, 201, 209, 250 Middle East, 8, 48, 254, 259 success, 19, 178, 249, 250, 258, Middle Kingdom, 11, 12, 40, 154, 259, 260, 261, 264, 265, 161, 236 267 Ming Chengzhu (Emperor mission-critical, 172 Yongle), 9 mission of voyage, 12

organization capital, 190
organizational
capital, 38
culture, 190
demise, 144
glue, 40
leader, 134
structure, 179, 183
units, 182
organize and structure huge HR
asset base, 172
Overseas Chinese communities,
254
P
Palembang, 11, 39, 44, 77, 81,
115, 185, 211
Palembang Commissioner of
Pacification, 12, 29
Parameswara (Iskandar Shah), 83,
211, 221, 222
see King of Malacca
PC Model
Corporate Inclusiveness is
an Important Must for
mission success, 250,
261–64
Personal Faith can be a
Significant Plus, 258
peace, 11, 12, 13, 19, 26, 27, 28,
29, 30, 41, 44, 45, 63, 67, 68,
85, 89, 108, 139, 154, 161,
187, 188, 249, 261
people skills, 172

Persian Gulf, 14, 195, 217, 225,	AoC
226, 230, 240	continual attempts at
see Hormuz	building collaboration,
personal conviction of belief, 258	118
personal faith, 252–61	principles of honesty,
Buddhist faith, 255–56	transparency,
Islamic practices, 252-54	consistency, mutuality
Mazu practices, 256-58	and trust, 116
phased approach in extending	AoW
voyages, 229, 230	deceive and confuse enemy,
philosophical root in Chinese	118
thinking, 110	principles of deception,
physical need, 183	manipulation,
physical supply chain assets,	unpredictability, self-
237	guardedness and
pilgrimage to Mecca, 6, 18,	suspicion, 116
251	projection of power, 199
piracy problem, 45, 81–83, 175	prominence, 5, 13–15
pirates, 15, 44, 45, 81, 82, 89, 91,	provision of food, water and
115, 133, 140, 151, 161, 163,	other supplies for sustenance
195	of his large crew, 196
port, 36, 189, 204, 205, 218, 219,	purpose-driven, 200
223, 225, 239	purpose of voyages, 198
"port-in-ocean", 239	activate tribute system, 138
"port-on-land", 239	facilitate trade, 138
praying for divine help and	
protection, 248	Q
preparation for collaboration, 30,	Qi Tai, Defence Minister, 9
60	Qianwenji, 38, 218
President Barack Obama, 26, 51	Qing Dynasty, 62, 69
Prince of Yan (Zhu Di), 8, 9, 32,	Qingjing Mosque, 46, 90, 160,
142, 251	177, 253, 254
Principles in Strategy	Quanzhou, 17, 177, 202, 209,
Formulation, 110	252, 253

Quilon, 39, 40, 71, 185, 208, Selection and Recruitment as the 225 Foundation for Performance, 176 - 78R Selection of Regional Bases as the recruiting and selecting crew, 17 Importance of Supply Chain Collaboration, 217-29 specialist experts, 176 Red Sea, 225 bases outside China, 219–27 regional bases or depots, 217, base in Calicut, 224-26 218 base in Champa, 219–20 religion and business, 249 base in Hormuz, 226–27 base in Malacca, 220-22 religious inclusiveness, 160-261, 262, 263, 264, 265, 266, 267 base in Samudra, 222-24 routes chosen, 196 location, logistical and Ryukyu, 42, 69, 82, 112, 211 economic advantages of base in Changle, 218-19 S self-guardedness, 116 4Cs strategies in Art of Semarang, 253, 254 Collaboration senior associates, 17, 33, 138, Capacity-building, 30–37 146, 147, 149, 164, 176, human capital, 31–35 180, 185, 208, 209, 213, technological capital, 35–37 235, 259 Communication, 41–47 sensitivity, 162 Continuity, 47–49 sensitivity of the different Coordination, 37-40 personal faith practices of his men, 267 Samudra (or Semudera), 11, 12, seven epic and grand voyages to 29, 82, 88, 222, 223, 224, 225, 235, 259 the West, 13 logistically viable location, 223 two phrases, 39 also see Aceh seven voyages, 13, 14, 15, 65, 66, San Feng Pagoda Temple, 256 73, 121, 122, 157, 194, 195, San Qing Baodian Temple, 256 219 "Sanbao", Buddhist nickname of bigger message of pursuing Zheng He, 255 peace, goodwill and Sekander, rebel, 31, 82, 88, 139, collaboration, 108 criticism, 79

187, 223

Shaanxi, 46, 177, 209, 254, 259 sound and sight signals, 18, 197 shipbuilding activities, 11, 28 elaborate but simply shipbuilding capabilities, 14, communication system, 214 196 source, store, protect and manage Shuyu Zhouzi Lu, 79, 88 supplies, 196 Siam (Thailand), 11, 39, 44, 69, South Asia, 4, 19, 133, 200, 240 77, 78, 83, 84, 86, 87, 112, Southeast Asia, 4, 12, 19, 28, 31, 185, 211, 221, 222 48, 71, 73, 77, 78, 139, 154, Sights and Sound of Navigation 155, 200, 220, 222, 254 as the Importance of Specialist Recruitment as the Simplicity in Operations, Importance of Supply Chain 212 - 17People and Knowledge, 208 - 12navigational expertise in the ops room, 214–15 organizing the crew and navigational operations on the specialists, 209-11 ground, 213-14 putting supply chain leadership silk manufacturing, 11 in place, 208-9 recruiting people with specialist Silk Route, 11 Singapore skills, 209 Leading Global Integrated specialist team, 33, 209 Logistics Hub, 206 spices, 11, 36, 43, 74, 76, 77, serve as Nerve or Brain Centre. 204, 226 206 splendour of Ming Court, 13, 19, Singapore's attempt to build 66, 89, 108, 174, 196, 199, 259 ecosystem of supply chain capabilities, 206 sponsor linkage with Emperor Singapore model Yongle, 173 for managing faith matters, Sponsor Linkages as the Support 267 for Mission Substainability, recognizes and accepts a multi-186-90 religious Singapore, 266 spread of Islam, 160, 254 Siyi Guan, 34, 177 Sri Vijava (Palembang), 11, 39, soft power, 51 44, 77, 81, 115, 185, 211 Song Dynasty, 6, 202 Standard Operating Procedures Song Government, 10 27, 202 (SOPs), 216

statue of goddess	insights, 109
shine, 137, 248	mindset, 41, 66
stayed true to his own religion	philosophy, 111
Islam, 262	strategies, 26, 109, 110, 119
Storage and <i>Guanchang</i> as the	supplies, 18
Importance of Physical	supply and re-distribution
Supply Chain Assets, 234–40	centres, 18, 197
guanchangs, the official	supply chain
warehouses, 236–37	collaborators, 218, 227
Zheng He's fleet, floating	operations
supply chain, 235–36	simplicity of
Straits of Malacca, 44, 140, 188,	implementation, 214,
222, 223, 230	216
strategic fit, 200	reach, 233
Strategic HR Planner, 172,	"supply chain factors of
173–79	importance", 241
Strategic Intent and Clarity as	supply chain leadership team,
the Importance of Supply	208
Chain Mission and Vision,	supply chain management
198–202	learning from Zheng He,
vision of building the largest	240–41
and state-of-the-art fleet,	practices, 18, 194-41
199–200	supply chain to deliver imperial
strategic intent for supply chain,	gifts and Chinese products,
200	199
strong Islamic faith, 6, 18,	supply ecosystem
250–52, 253, 254, 259	importance of supply chain
practices, 19	capabilities, 202–8
succession, 7, 8, 142, 157	Supply Ecosystem as the
Sun Zi, 3, 4, 114, 118, 120, 122	Importance of Supply Chain
Art of War (AoW), 20, 25-59,	Capabilities, 202–8
26, 50, 92, 109, 110, 113,	port and supply logistics
118, 119, 120, 121, 122,	capabilities, 204–5
123, 124	relevant historical capabilities,
book, 111	202–3

ship construction capabilities, "Toyota City" of supplies, 207 203 - 4TQM (Total Quality Supply Growth and Development Management), 216, 234 as the Importance of trade and collaboration, 19, 38, Continual Learning, 229–34 108 continual learning of local trading activities, 73, 74, 81, 82, markets, 231-32 medical learning, 232–33 impact of, 77 phased extension of voyages, trailbazer of modern open-door 230 - 31policies, 4 "treasure" ships, 13, 35, 39, 40, supply logistics assembly point, 204 suspicion, 116 43, 62, 69, 74, 75, 86, 87, sustainable collaboration, 47 150, 180, 184, 194, 210, 213, 235, 236 T Treasure Ship Shipyard, 36, 203, Taicang, 17, 36, 37, 177, 189, 207 204, 205, 209, 218, 231 tribute missions to China, 11 Taiping port, 39, 218, 219 trilingual stone tablet, 46, 90, Taiwan, 49, 218 117, 263 Taiyi Yuan (imperial medical trust, 188 hall), 70 Tang and Han dynasties, 11, 28 IJ technological capital, 31, 35–37 unprecedented fleet, 194 Tenavarai-Nayanar, Hindu god, unpredictability, 116, 119 46, 90, 117, 264 thoughts and feelings, 135  $\mathbf{v}$ thoughts and inner life, 135 values, 41, 47, 66, 93, 110, 262 Tianfei Temple, 256 Vasco da Gama, 14, 15, 19, 28, Tianjie Temple, 255 164, 187 Tianxia (all under heaven), 63 Vendor Managed Inventories tolerance, 50, 89, 261, 262, 265, (VMI), 228 266, 267 vessels tolerance of the different colossal, 194 personal faith practices of his vulnerability to the natural men, 267 elements, 249

X

W

## Xia Xiyang (Travel to the Western Wal-Mart, 200, 201 delicated fleet, 201 Seas), 67, 146, 173 distribution centres, 201 Xingcha Shenglan, 88 electronic point-of-sales Xinjiang, 6 Xinzhou, in Champa (today's technology and data, 201 private satellite communication modern city of Qui Nhon), technologies, 201 219 well-known Everyday Low Xiyang Chaogong Dianlu, 91 Prices, 201 Xiyang Fanguo Zhi, 91, 210 Wanandi, Jusuf, 51 Wang Heng, 147, 148, 176 $\mathbf{Y}$ Wang Jinghong, 12, 29, 33, 49, Yang Chen, 33, 176, 208 146, 147, 148, 176, 208, 259 Yao Guangxiao, 178 warfare, 6, 26, 41, 66, 109, 110, Yao Yunzhu, major-general, 51 111, 112, 113, 120, 121, 134 Yemen, 14, 195, 217 Yin Ching, 221, 225 warrior, 4, 5, 16 waste reduction, 234 Yu Dan Water Floating Compass, 214 Confucius from the Heart, 4 water ships, 39, 150, 181, 236 Yuan Court, 10, 73 Wee Chow Hou, professor, 113 Yuan Dynasty, 6, 7, 10, 27, 73, 203 Yunmen Temple, 256 western seas, 33, 146, 176, 179, 208, 218, 227, 234, 250 Yunnan, 6, 7, 8, 18, 71, 250, 251, Wise HR Manager, 172, 183-90 255 work as a higher calling, 145 world's largest ocean-going fleet, Z leader of, 5, 13 zero-sum game, 55, 94 writings, from historical, Zhancheng (Champa in Central maritime, diplomatic and Vietnam), 11 cultural perspectives, 4, 25 also see Champa Wu Zhong, 33, 146, 176, 208 Zhang Da, 33, 146, 176, 208 Wuhua Temple, 255 Zhang Tingyu, 62

Zheng He Epic, 14

Zheng He Jiapu (Zheng He's family record), 33, 176

Zheng He Navigational Map, 37, 214, 215

Zhenla (Cambodia), 11

Zhou Man, 146, 148, 224

Zhou Meng, 33, 176, 208

Zhu Di (Prince of Yan), 8, 9, 32, 142, 251 Zhu Guozhen *Huangming dazhengji*, 9 Zhu Liang, 33, 146, 176, 208 Zhu Yunming *Qianwenji*, 38, 218 Zhu Zhen, 147, 148, 176