

Accession No. 2003-05

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Kieckhefer, Robert Mariner (1952-)

Robert Mariner Kieckhefer Slides, 1976-1980

Physical Description: 439 35mm color slides

Description: The accession consists of 439 duplicate 35mm color slides made from Ektachrome originals taken by oceanographer Robert M. Kieckhefer while a student at the Scripps Institution of Oceanography, UCSD. The images include slides taken during Rama, IndoPac and other expeditions, images of the dedication of ships, and other events. The collection also includes a few photographs geology field trips, friends and fellow graduate students at SIO, and Kieckhefer's 1980 dissertation defense, Ph.d. party and graduation ceremony.

Kieckhefer loaned his original slides to Archivist Deborah Day on February 27, 2003, with permission to duplicate them for the archives, digitize them and post them on the internet.

Geophysics Research Indonesia Sumatra

Robert Mariner Kieckhefer Slides, 1976-1980
Scripps Institution of Oceanography Archives
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BOX 1: Slides 1 - 108

BOX 2: Slides 109 – 224

BOX 3: Slides 225 – 347

BOX 4: Slides 348 - 439

BOX 1: Slides 1 - 108

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- 1 "La Jolla Hash House Harriers, Joe Curray, LeRoy Dorman, August 20, 1979"
- 2 "Greg Moore and water buffalo Parapat, April 2, 1978"
- 3 "Moored buoys Jo and Regina, in OBS van, Mariana II, July 1979"
- 4 "Bridge, KIM Samudera, Indopac Leg 13, April 1977"
- 5 [Blank]
- 6 "Paul O'Neill (queen), Indopac Leg 10, February 20, 1977"
- 7 "Sunrise, Guam, Mariano 5, October 25, 1978"
- 8 [Blank]
- 9 "Grand Palace, Bangkok, April 29, 1977"
- 10 "Padangsidempuan, Jalan Merdeka, May 7, 1978"
- 11 "Dignitaries saluting other dignitaries, Rangoon Airport, May 7, 1977"
- 12 "Larry Lawver on elephant, near Chiang Mai, May 9, 1977 "
- 13 "Bob Kieckhefer and Jim Ogg, Kinabalu National Park"
- 14 "Pagaran Bira, May 5, 1978"
- 15 "Moored buoy Jo. R/V T. Washington, Mariana 10, February 25, 1979"
- 16 "Sumatera Transect Workshop, Parapat, May 29, 1978"
- 17 "Bob Kieckhefer, U Hla Tim, Doris Chilton, U Aung Mia, Joe Curray, December 1977"

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- 18 [green dot]
- 19 536 [green dot]
- 20 299n [green dot]
- 21 "George Shor and Curt Johnson, R/V T. Washington, Mariana 10, February 16, 1979"
- 22 "Perry Crampton launching Aquatronics sonobuoy, Indopac Leg 11, March 17, 1977"
- 23 509 (JO)
- 24 "SIO OBS ""Gwen"" with Halloween mask, Mariana 6, R/V T. Washington, November 1978"
- 25 43n [blue dot]
- 26 "George Shor, Fred Spiess, Larry Mayer, Dale Bibee, June 17, 1979"
- 27 3n [blue dot]
- 28 57n [blue dot]
- 29 58n [blue dot]
- 30 59n [blue dot]
- 31 60n [blue dot]
- 32 63n [blue dot]
- 33 "D/V Glomar Challenger, Long Beach, End of Leg 53, June 19, 1977"
- 34 "D/V Glomar Challenger, Long Beach, June 19, 1977"
- 35 "D/V Glomar Challenger, Long Beach, June 19, 1977"
- 36 "D/V Glomar Challenger, Long Beach, June 19, 1977"
- 37 "D/V Glomar Challenger, Long Beach, June 19, 1977"
- 38 "D/V Glomar Challenger, Long Beach, Reentry cone, June 19, 1977"

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- 39 "R/V Melville, arriving San Diego, end of F Drake 77 cruise, R/V Ellen B. Scripps in foreground, July 9, 1977"
- 40 "R/V Melville turning, San Diego, end of F Drake 77 cruise, July 9, 1977"
- 41 "R/V Melville turning, San Diego, end of F Drake 77 cruise, July 9, 1977"
- 42 "R/V Melville turning, San Diego, end of F Drake 77 cruise, July 9, 1977"
- 43 "R/V Melville turning, San Diego, end of F Drake 77 cruise, July 9, 1977"
- 44 "R/V Melville, San Diego, July 9, 1977"
- 45 "R/V Melville, San Diego, from R/V Flip, March 23, 1976"
- 46 "R/V Melville, San Diego, March 23, 1976"
- 47 "Bow, R/V Melville, a.k.a. R/V Petrox Explorer, July 9, 1977"
- 48 "Sixpac Expedition, Ellen B. Scripps, San Diego, May 19, 1976"
- 49 "Sixpac Expedition, Ellen B. Scripps, heat flow lowering, May 19, 1976"
- 50 "Sixpac Expedition, Ellen B. Scripps, Dale Bibee, Rob Dunbar, Randy Jacobson, Keith Sverdrup, May 19, 1976"
- 51 "R/V Flip, San Diego, March 23, 1976"
- 52 "R/V ORB, San Diego, March 23, 1976"
- 53 "New Horizon dedication, January 25, 1979"
- 54 "New Horizon dedication, January 25, 1979"
- 55 "Navy band, New Horizon dedication, January 25, 1979"
- 56 "Wet lab, New Horizon, January 25, 1979"
- 57 "Fantail, New Horizon, January 25, 1979"
- 58 "New Horizon dedication, January 25, 1979"
- 59 "New Horizon dedication, January 25, 1979"

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- 60 "Bill Nierenberg, New Horizon dedication, January 25, 1979"
- 61 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 62 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 63 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 64 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 65 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 66 "Gov. de la Madrid, New Horizon dedication, January 25, 1979"
- 67 "New Horizon dedication, January 25, 1979"
- 68 "Bridge, New Horizon dedication, January 25, 1979"
- 69 "R/V New Horizon, San Diego, May 15, 1979"
- 70 "Blessing New Horizon, January 25, 1979"
- 71 "Judy Munk, New Horizon dedication, January 25, 1979"
- 72 "Judy Munk, New Horizon dedication, January 25, 1979"
- 73 "R/V THOMAS WASHINGTON, San Diego, March 23, 1976"
- 74 "R/V THOMAS WASHINGTON, San Diego, March 23, 1976"
- 75 "R/V THOMAS WASHINGTON, San Diego, March 23, 1976"
- 76 "R/V THOMAS WASHINGTON, leaving San Diego on Indopac Expedition, March 23, 1976"
- 77 "R/V THOMAS WASHINGTON leaving San Diego on Indopac Expedition, March 23, 1976"
- 78 "R/V THOMAS WASHINGTON leaving San Diego on Indopac Expedition, March 23, 1976"
- 79 "Forward storage van, THOMAS WASHINGTON, March 23, 1976"

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- 80 "R/V Thomas Washington, Apra Harbor, Guam, June 22, 1976"
- 81 "Leaving Apra Harbor, Guam, Leg 4, Indopac, June 22, 1976"
- 82 "SW coast, Guam, Leg 4, Indopac, June 22, 1976"
- 83 "Praying mantis, R/V T. Washington, June 22, 1976"
- 84 "Airgun bubble, R/V T. Washington, Leg 4 Indopac, June 22, 1976"
- 85 "Bob Stern, R/V T. Washington, Leg 4 Indopac, June 1976"
- 86 "Philippine Sea, Leg 4 Indopac, June 1976"
- 87 "Yap (Palau?), Indopac Leg 4, June 1976"
- 88 "Palau Leg 4 Indopac, June 1976"
- 89 "Babelthuap Island, Palau, W coast, June 30, 1976"
- 90 "Flying fish, off Bablethuap Island, Palau, June 30, 1976"
- 91 "Babelthuap Island, Palau, W coast, June 30, 1976"
- 92 "Babelthuap Island, Palau, W coast, June 30, 1976"
- 93 "Capt. Arsenault, Jim Hawkins, Larry Lawver, Leroy Dorman, Marv Elston, R/V T. Washington, Indopac Leg 4, June 30, 1976"
- 94 "Kuror Harbor, Babelthuap Island, Palau, June 30, 1976"
- 95 "Kuror Harbor, Babelthuap Island, Palau, June 30, 1976"
- 96 "Babelthuap Island, Palau, W coast Kuror Harbor, June 30, 1976"
- 97 "Babelthuap Island, Palau, W coast, June 30, 1976"
- 98 "Bringing dredge aboard, Indopac Leg 4. Bob Wilson, Jim Hawkins, Rodey Batiza, Ben Chao, July 1976"
- 99 "Bringing dredge aboard, Indopac Leg 4. Bob Wilson, Jim Hawkins, Rodey Batiza, July 1976"

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- 100 "Dredge haul, Indopac Leg 4. Rodey Batiza, Larry Lawver, Jim Hawkins, July 1976"
- 101 "Dredge, bent, Indopac Leg 4, July 4, 1976"
- 102 "Jim Hawkins dropping rocks overboard, Indopac Leg 4, July 4, 1976"
- 103 "Indopac Leg 4, June 22, 1976"
- 104 "Indopac Leg 4, June 22, 1976"
- 105 "Indopac Leg 4, June 22, 1976"
- 106 "Apra harbor, Guam, July 5, 1976"
- 107 "Pilot boat ""Nogales,"" Apra harbor, Guam, July 5, 1976"
- 108 "Jim Hawkins, Larry Lawver, Rodey Batiza and star chart, Apra Harbor, Guam, July 6, 1976"

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- 109 [Blank]
- 110 "SW coast of Guam, Leg 5 Indopac, July 8, 1976"
- 111 "R/V Chin Lien, Leg 5 Indopac, July 8, 1976"
- 112 """"Fishing"" Trawler Ahepour (Aneroid), off Guam, July 8, 1976"
- 113 """"Fishing"" trawler Aneroid, off Guam (Ahepour), July 8, 1976"
- 114 "Pinger on hydrowire, Leg 5 Indopac, George Parker, Larry Lawver, July 1976"
- 115 "Heat flow probe, Leg 5 Indopac, Larry Lawver in charge, July 1976"
- 116 "Heat flow probe, Leg 5 Indopac, Randy Jacobson, John Vitek, Larry Lawver, July 1976"
- 117 "Typhoon Therese, Leg 5 Indopac, July 14, 1976"

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- 118 "Typhoon Therese, Leg 5 Indopac, July 14, 1976"
- 119 "Typhoon Therese, Leg 5 Indopac, July 14, 1976"
- 120 "Pagan Island (?), Indopac Leg 5, July 15, 1976"
- 121 "George Shor and Ben Chao with explosives (133 lb), Indopac Leg 5, July 1976"
- 122 "Gary Sullivan and 133 lb charge, Indopac Leg 5, July 1976"
- 123 "133 lb charge, Indopac Leg 5, July 1976"
- 124 "R/V Chiu Lien and 1 lb, charge, Indopac Leg 5, July 1976"
- 125 "Keith Louden, Randy Jacobson, Larry Lawver and seismic array unit, Indopac Leg 5, July 1976"
- 126 "Bill Whitney, Ben Chao, Randy Jacobson and seismic array unit, Indopac Leg 5, July 1976"
- 127 "Ben Chao, George Shor, Larry Lawver, Keith Louden and seismic array unit, Indopac Leg 5, July 1976"
- 128 "Ben Chao, Keith Louden, Larry Lawver and seismic array unit, Indopac Leg 5, July 1976"
- 129 "Seismic refraction transmitter unit, Leg 5 Indopac, July 1976"
- 130 "Betty Shor and neuston tow, Indopac Leg 5, July 1976"
- 131 "Betty Shor, Neuston net, R/V Chiu Lien, July 27, 1976"
- 132 "Keelung, Taiwan, July 27, 1976"
- 133 "Keelung, Taiwan, July 27, 1976"
- 134 "Keelung, Taiwan, July 27, 1976"
- 135 "Keelung, Taiwan, July 27, 1976"
- 136 "Explosives box, R/V Chiu Lien, July 27, 1976"

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- 137 "E coast, Taiwan, Indopac Leg 6, August 1, 1976"
- 138 "W coast, Luzon, Indopac Leg 6, August 1976"
- 139 "Abra R delta, W coast, Luzon, Indopac Leg 6, August 1976"
- 140 "Tree caught in airgun cable, Indopac Leg 6, August 12, 1976"
- 141 "Subic Bay, August 12, 1976"
- 142 "USS Ranger, Subic Bay, August 12, 1976"
- 143 "USS Ranger, Subic Bay, August 12, 1976"
- 144 "Bicentennial rat guard, USS Ranger, Subic Bay, August 12, 1976"
- 145 "USS Ranger, Subic Bay, August 12, 1976"
- 146 "Furniture being loaded aboard USS Ranger, Subic Bay, August 12, 1976"
- 147 "USS Ranger and R/V T. Washington, Subic Bay, August 12, 1976"
- 148 "R/V T. Washington, Darwin Thomas Maersk in background, August 31, 1976"
- 149 "R/V T. Washington, Darwin, Thomas Maersk in background, September 2, 1976"
- 150 "R/V Atlantis 2, Darwin, August 31, 1976"
- 151 "R/V Atlantis 2, Darwin, August 31, 1976"
- 152 "Atlantis 2 leaving Darwin, Indopac Leg 8, September 2, 1976"
- 153 "Darwin, Indopac Leg 8, September 2, 1976"
- 154 "Darwin, Indopac Leg 8, September 2, 1976"
- 155 "300 cubic inches airgun bubble, Indopac Leg 8, September 1976"
- 156 "Seismic refraction array units, Indopac Leg 8, September 1, 1976"
- 157 "Paying out hydrophones, Indopac Leg 8, Ron Berry, September 1976"

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- 158 "Randy Jacobson and spar buoy that went to bottom, Indopac Leg 8, September 1976"
- 159 "R/V Atlantis 2, Roger Battey, Indopac Leg 8, September 1976"
- 160 "R/V Atlantis 2, off Ceram, Indopac Leg 8, September 1976"
- 161 "Randy Jacobson and bent heat flow probe, Indopac Leg 8, September 1976"
- 162 "Alex and mahi mahi, Indopac Leg 8, September 1976"
- 163 "Alex and mahi mahi, Indopac Leg 8, September 1976"
- 164 "Atlantis 2, Simon Ferriera, Bill Ashley, Alex, Ben Chao, Randy Jacobson, Indopac Leg 8, September 23, 1976"
- 165 "Oscar Amos, Indopac Leg 8, September 23, 1976"
- 166 "Simon Ferriera, Yoko Joyodiwiryo, Indopac Leg 8, September 23, 1976"
- 167 "R/V Atlantis 2, Indopac Leg 8, September 23, 1976"
- 168 "R/V Atlantis 2 tooting whistle, Indopac Leg 8, September 23, 1976"
- 169 "Equator crossing, Indopac Leg 8, September 24, 1976"
- 170 "R/V Atlantis 2, Indopac leg 8, September 23, 1976"
- 171 "Indopac Leg 8, At right: Yoko, Russ Raitt; September 1976"
- 172 "George Shor, Bob Kieckhefer, Rich Thompson, equator crossing, Indopac 8, September 24, 1976"
- 173 "Equator crossing, Indopac Leg 8, Bob Kieckhefer in swill bucket, September 24, 1976"
- 174 "Equator crossing, Indopac Leg 8, Bob Kieckhefer, Roger Battey, September 24, 1976"
- 175 "Equator crossing, Indopac Leg 8, Bob Kieckhefer, September 24, 1976"
- 176 "Equator crossing, Indopac Leg 8, Roger Battey, Simon Ferriera, Dick Phillips, Leonard Urbano, Russ Raitt, September 24, 1976"
- 177 "Equator crossing, Indopac Leg 8, Simon Ferriera, Bob Kieckhefer, Joe McKee, Jim Coatsworth, et al. September 24, 1976"

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- 178 "Bob Kieckhefer, Duffy McGowan, Equator-crossing, Indopac Leg 8, September 24, 1976"
- 179 "Equator crossing, Indopac Leg 8, Bob Kieckhefer, September 24, 1976"
- 180 PVO 31
- 181 "Leg 4 Indopac, June 1976"
- 182 "Leg 4 Indopac, June 1976"
- 183 "Leg 4 Indopac, June 1976"
- 184 "Leg 4 Indopac, June 1976"
- 185 "Leg 4 Indopac, June 1976"
- 186 "R/V Thomas Washington, Guam, January 23, 1977"
- 187 "R/V Thomas Washington, Apra Harbor, Guam, January 23, 1977"
- 188 "US nuclear submarine, Guam, January 25, 1977"
- 189 "Floating drydock, Guam, January 25, 1977"
- 190 "Empty explosives boxes, Guam, January 25, 1977"
- 191 "Guam, Indopac Leg 10, January 25, 1977"
- 192 "N Arm, Sulawesi, near Bitung, Indopac Leg 10, January 31, 1977"
- 193 "N Arm, Sulawesi, near Bitung, Indopac Leg 10, January 31, 1977"
- 194 "Off Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"
- 195 "Off Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"
- 196 "Pilot boat, Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"
- 197 "Pilot boat, Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"
- 198 "Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"

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- 199 "Bitung, Sulawesi, Indopac Leg 10, January 31, 1977"
- 200 "Bitung, Sulawesi, Art Barkhalter, Karen Mesce, Sandra Smith, Eli Silver, Indopac Leg 10, January 31, 1977"
- 201 "Maju Island, Molucca Sea, Indopac Leg 10, February 1977"
- 202 "Boston Whaler towing Zodiac, Maju Island Leg 10, February 1977"
- 203 "Leonard Urbano, Eli Silver, Rab Sukamto, Off Maju Island, Indopac Leg 10, February 1977"
- 204 "Halmahera, N Arm, Indopac Leg 10, February 5, 1977"
- 205 "Ternate Island Russ Raitt and Sandra Smith, Indopac Leg 10, February 5, 1977"
- 206 "Karen Mesce and dredge haul, Indopac Leg 10, February 5, 1977"
- 207 "Dredge haul, Molucca Sea, Indopac Leg 10, February 5, 1977"
- 208 "Eli Silver throwing excess rocks overboard, Indopac Leg 10, February 5, 1977"
- 209 "Tape recording sonobuoy, Indopac Leg 10, February 5, 1977"
- 210 "Moored tape recording buoy launch, Indopac Leg 10, Paul O'Neill, February 11, 1977"
- 211 "Moored tape recording sonobuoy launch, Indopac Leg 10, Paul O'Neill, Bob Wilson, February 11, 1977"
- 212 "Moored tape recording buoy launch (AX-58 hydrophone), Indopac Leg 10, Paul O'Neill, February 11, 1977"
- 213 "Moored tape recording sonobuoy launch, Indopac Leg 10, Bob Wilson, Paul O'Neill, Russ Raitt, February 11, 1977"
- 214 "Sailboat off SE Arm, Sulawesi, Indopac Leg 10, February 1977"
- 215 "Sailboat off S Arm, Sulawesi, Indopac Leg 10, February 1977"
- 216 "Paul O'Neill, Bob Fisher, Indopac Leg 10, February 20, 1977"

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- 217 "Ternate Island Eli Silver, Russ Raitt, Sandra Smith, Indopac Leg 10, February 5, 1977"
- 218 "Bob Wilson, Eli Silver, Gary Holmes, Indopac Leg 10, February 20, 1977"
- 219 "Sandra Smith kissing Bob Fisher's belly, Indopac Leg 10, February 20, 1977"
- 220 "Lighter, Singapore, Indopac Legs 10, 11, February 22, 1977"
- 221 "Singapore harbor, End of Indopac Leg 10, February 22, 1977"
- 222 "Australian sheep-carrying ship, Indopac Leg 10, February 22, 1977"
- 223 "Singapore, viewed from Thomas Washington anchorage, Indopac Legs 10, 11, February 22, 1977"
- 224 "Art Burkhalter, Bob Fisher, et al., Indopac Leg 10, February 20, 1977"

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- 225 "Thomas Washington at anchor, Singapore, Indopac Legs 10, 11, February 24, 1977"
- 226 "Andaman Sea, Rangoon-Bangkok flight, May 7, 1977"
- 227 "Tail buoy, multichannel streamer, Indopac Leg 11, March 1977"
- 228 "Launching tail buoy, multichannel streamer, Indopac Leg 11, March 1977"
- 229 "Launching multichannel streamer, Indopac Leg 11, March 1977"
- 230 "Assembling streamer birds, Indopac Leg 11, Bob Bongard, Perry Crampton, Franz Emmel, March 1977"
- 231 "Attaching bird to multichannel streamer, Bob Bongard, Perry Crampton, Indopac Leg 11, March 1977"
- 232 "Bird on multichannel streamer, Indopac Leg 11, March 1977"
- 233 "Streaming 3 airguns, multichannel streamer, magnetometer, Indopac Leg 11, March 1977"
- 234 "1044 lb. TNT charge, Bob Wilson, Indopac Leg 11, March 14, 1977"

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- 235 "Throwing 1044 lb. Charge, Gary Holmes, Bob Wilson, Ron Comer, Indopac Leg 11, March 1977"
- 236 "Elephant Point, Burma, April 30, 1977"
- 237 "Marine Biology Station pier Phuket, End of Indopac Leg 11, March 21, 1977"
- 238 "R/V Thomas Washington, Phuket, Indopac Legs 11, 12, March 22, 1977"
- 239 "R/V Thomas Washington, Phuket, May 24, 1977"
- 240 "Marine Biology Station, Phuket, March 21, 1977"
- 241 "Road to Marine Biology Station, Phuket, March 22, 1977"
- 242 "Beach near Marine Biology Station, Phuket, March 22, 1977"
- 243 "Phuket Marine Biology Station dock, start of Indopac Leg 12, March 24, 1977"
- 244 "Phuket Marine Biology Station, start of Indopac Leg 12, March 24, 1977"
- 245 "Phuket Marine Biology Station, start of Indopac Leg 12, March 24, 1977"
- 246 "Phuket Island, Thailand, Indopac Leg 11, March 21, 1977"
- 247 "Sabang, Indonesia, harbor, March 26, 1977"
- 248 "Sabang, Indonesia, harbor, March 26, 1977"
- 249 "Radar reflector buoys, Indopac Leg 12, April 1977"
- 250 "Radar reflector buoy, Indopac Leg 12, April 1977"
- 251 "Rigging piston core, Indopac Leg 12, April 1977"
- 252 "Lifting piston core from bucket, Indopac Leg 12, Dan Karig, Ron Comer, April 1977"
- 253 "Raising piston core, Gary Holmes, Perry Crampton, Indopac Leg 12, April 1977"
- 254 "Rotating piston core, Alex Velasco, Greg Moore, Gary Holmes, Indopac Leg 12, April 1977"

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- 255 "Installing piston core supports, Dan Karig, Alex Velasco, Greg Moore, Gary Holmes, Indopac Leg 12, April 1977"
- 256 "Outrigger fishing boat off Padang, Sumatra, Indopac Leg 13, April 23, 1977"
- 257 "Padang, Sumatra, Indonesia, End of Indopac Leg 12, April 10, 1977"
- 258 "Scraping hull, T. Washington, Padang, Sumatra, April 24, 1977"
- 259 "K/M Samudera, Padang, April 10, 1977"
- 260 "R/V Thomas Washington, Padang, from K/M Samudera, Indopac Leg 13, April 12, 1977"
- 261 "Frans Emmel, Suggiarta, Abdul Gani; K/M Samudera, Indopac Leg 13, April 1977"
- 262 "Explosives, K/M Samudera, Indopac Leg 13, April 1977"
- 263 "Shooting table above lab/magazine, K/M Samudera, Indopac Leg 13, April 1977"
- 264 "Lab, K/M Samudera, Indopac Leg 13, April 1977"
- 265 "Galley and crew's mess, K/M Samudera Indopac Leg 13, April 1977"
- 266 "Chickens, K/M Samudera, Indopac Leg 13, April 1977"
- 267 "K/M Samudera, Indopac Leg 13, April 1977"
- 268 "Engineers fixing thermostat, Indopac Leg 13, K/M Samudera, April 1977"
- 269 "Waterproofing fuse, K/M Samudera, Indopac Leg 13, April 1977"
- 270 "T. Washington from K/M Samudera, Indopac Leg 13, April 1977"
- 271 "West coast Sumatra, Indopac Leg 13, April 1977"
- 272 "Waterspout, Indopac Leg 13, April 1977"
- 273 "Solar eclipse reflected in K/M Samudera windows, Indopac Leg 13, April 18, 1977"
- 274 "Indopac Leg 13, April 1977"
- 275 "Sunset, Indopac Leg 12, April 1977"

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- 276 "Sunset, Indopac Leg 12, April 1977"
- 277 "R/V Thomas Washington, Honolulu, Van: gear from Indopac Leg 14, On dock: gear for Leg 15, May 29, 1977"
- 278 "SEATAR emblem, November 20, 1978"
- 279 "Bringing dredge aboard, Mariana 6, R/V T. Washington, Bob Wilson, Sherm Bloomer, October 1978"
- 280 "Dredge Haul, Mariana 6, Sherm Bloomer, John Melchior, Jim Hawkins, November 1978"
- 281 "Cindy Evans, Mariana 5, October 1978"
- 282 "Dredge samples, Mariana 5, R/V T. Washington, Cindy Evans, Jim Hawkins, Sherm Bloomer, October 1978"
- 283 "Dredge haul, Cindy Evans, Jim Hawkins, John Melchior, Mariana 6, November 1978"
- 284 "Mn-Crusted rocks, Mariana 7, December 1978"
- 285 "Streaming reflection streamer, Mariana 5, R/V T. Washington, Cindy Evans, Mike Reichle, Larry Michael, October 1978"
- 286 "Deploying airgun, Mariana 6, R/V T. Washington, Perry Crampton, Sally Newman, October 1978"
- 287 "Launching SIO OBS, Mariana 6, R/V T. Washington, Dave Willoughby, Dale Bibee, October 1978"
- 288 "Launching SIO OBS, Mariana 6, R/V T. Washington, Dale Bibee, October 1978"
- 289 "Typhoon Tess, Mariana 6, R/V T. Washington, November 3, 1978"
- 290 "Typhoon Tess damage (peeled paint), R/V T. Washington, Mariana 6, November 4, 1978"
- 291 "Typhoon Tess damage, R/V T. Washington, Mariana 6, November 4, 1978"
- 292 "Typhoon Tess damage, R/V T. Washington, Mariana 6, November 4, 1978"

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- 293 "USS Point Harris, Saipan, from R/V T. Washington, Mariana 6, November 4, 1978"
- 294 "Saipan, R/V T. Washington, Mariana 6, November 4, 1978"
- 295 "Saipan, Mariana 6, R/V T. Washington, November 5, 1978"
- 296 "Curt Johnson and pilot, Guam, November 20, 1978"
- 297 "R/V T. Washington, Guam, Mariana 6, 7, November 18, 1978"
- 298 "OBS van being loaded onto R/V T. Washington, Guam, Dale Bibee, October 12, 1978"
- 299 "Typhoon Tess, Mariana 6, R/V T. Washington, November 3, 1978"
- 300 "SIO OBS ""Gwen"" with Halloween mask, Mariana 6, R/V T. Washington, November 1978"
- 301 "Typhoon Tess, Mariana 6, R/V T. Washington, November 3, 1978"
- 302 "Halloween night, Dave Willoughby, John Melchior, Bob Kieckhefer, Sherm Bloomer?, Jim Hawkins, Cindy Evans, Mariana 6, October 31, 1978"
- 303 "Launching Texas OBS, Mariana 6, R/V T. Washington, Luigi Pozzi, October 1978"
- 304 "Texas OBS and Phil Roper, Mariana 7, December 1978"
- 305 "Hawaii OBS, Mariana 6, R/V T. Washington, October 1978"
- 306 "Launching Hawaii OBS, Mariana 6, R/V T. Washington, Bob Wilson, Dave Bibee, October 1978"
- 307 "Moored buoys ""Donna,"" ""Jo,"" ""Regina,"" R/V T. Washington, Mariana 6, 7, November 18, 1978"
- 308 "Moored buoy ""Jo"" and Paul O'Neill, Mariana 6, R/V T. Washington, November 1978"
- 309 "Chafing gear, moored buoy, Mariana 7, December 1978"
- 310 "Moored buoy ""Jo,"" Mariana 6, R/V T. Washington, November 1978"
- 311 "Melted battery from moored buoy ""Donna,"" R/V T. Washington, Mariana 6, November 1978"

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- 312 "Magnetotellurics instrument, Mariana 7, December 1978"
- 313 "Magnetotellurics instrument, Helmut Moeller, Mariana 7, December 1978"
- 314 "Sunrise, Mariana 5, Guam, October 25, 1978"
- 315 "Sunrise, Guam, Mariana 5, October 25, 1978"
- 316 "George Shor and Curt Johnson, R/V T. Washington, Mariana 10, February 16, 1979"
- 317 "Dave Kendall and Randy Jacobson, R/V T. Washington, Mariana 10, February 16, 1979"
- 318 "Dredge?, Jakarta, Mariana 10, February 16, 1979"
- 319 "Freighter and sailboat, Jakarta, Mariana 10, February 16, 1979"
- 320 "Shipping traffic, Malacca Strait, Mariana 10, February 19, 1979"
- 321 "Drill rig under tow, Malacca Strait, Mariana 10, February 19, 1979"
- 322 "Drill rig under tow, Malacca Strait, Mariana 10, February 19, 1979"
- 323 "Natural gas tanker, Malacca Strait, Mariana 10, February 19, 1979"
- 324 "Multichannel streamer birds, R/V T. Washington, Mariana 9, February 11, 1979"
- 325 "George Shor on watch, R/V T. Washington, Mariana 10, February 25, 1979"
- 326 "Lowering mooring line, R/V T. Washington, Mariana 10, Randy Jacobson, Paul O'Neill, Art Burkhalter, Ron Comer, Al Gettler, February 25, 1979"
- 327 "Moored buoy Jo, R/V T. Washington, Mariana 10, February 25, 1979"
- 328 "Launching free vehicle mast, R/V T. Washington, Mariana 10, Duffy McGowan, Randy Jacobson, George Shor, February 26, 1979"
- 329 "SFH launch, R/V T. Washington, Mariana 10, Paul O'Neill, Martin Benson, Randy Jacobson, February 26, 1979"
- 330 "SFH launch, R/V T. Washington, Mariana 10, George Shor, February 26, 1979"

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- 331 "Free vehicle mast sinking, Bay of Bengal, SFH launch, Mariana 10, February 26, 1979"
- 332 "256 lb. Charge TNT with 8000ft SUS charge, February 25, 1979"
- 333 "Barnacle-encrusted line, Bay of Bengal, Mariana 10, March 1, 1979"
- 334 "High speed toward Subic Bay, Mariana 10, R/V T. Washington, March 1979"
- 335 "Air Force ship, Subic Bay, Mariana 10, March 11, 1979"

Miscellaneous

- 336 "Scripps Pier, IGPP on hill; Marine Biology and Library under construction, September 1975"
- 337 "R/V ""Flip"" towed by R/V ""Thomas Washington,"" Scripps Pier, October 9, 1975"
- 338 "Emperor Hirohito of Japan, Scripps, October 9, 1975"
- 339 "Sunset thru Los Angeles smog, Scripps Pier in foreground, January 31, 1976"
- 340 "Joris Geskes, Alan Schiller with sediment sampler, R/V E.B. Scripps, August 1978"
- 341 "Dale Bibee, T-5, June 1979"

IndoPac Leg 10

- 342 "Tifore Island Whitey, Scotty Horn, Indopac Leg 10, February 6, 1977"
- 343 "Tifore Islanders, Indopac Leg 10, February 6, 1977"
- 344 "Thomas Washington at anchor, Tifore Island, Indopac Leg 10, February 6, 1977"

Geology Trip to GSA in Seattle November 1977

- 345 "Ferry, Columbia R., Cathlamet, WA to Westport, OR. Jim Ogg, Meinrat Andreae, Kathy Crane, November 10, 1977"
- 346 "Ferry, Columbia R., Cathlamet, WA to Westport, OR. Benjamin Chao, Kurt Tollestrup, November 10, 1977"
- 347 "Vent (Spatter cone), Lava Beds, Calif., Jim Ogg, Kathy Crane, November 3, 1977"

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Grand Canyon Geology Trip May 1979 led by Gene Shoemaker (CalTech)

- 348 "Dave Garbacz, Nancy Kincheloe-Campsite E of Peach Springs, AZ, May 5, 1979"
- 349 "Miriam Baltuck, camp E of Peach Springs, AZ, May 5, 1979"
- 350 "Miriam Baltuck, camp E of Peach Springs, AZ, May 5, 1979"
- 351 "Geology lecture, near Peach Springs, AZ, Kevin MacKenzie, Nancy Kincheloe, Hans Sheline, Miriam Baltuck, May 5, 1979"
- 352 "Hualapai trail, Grand Canyon, Desiree Beaudry, Sally Newman, Larry Mayer, May 5, 1979"
- 353 "Lunch stop, Hualapai trail, Grand Canyon, May 5, 1979"
- 354 "Larry Mayer, Peach Springs, Grand Canyon, May 6, 1979"
- 355 "Breakfast, Peach Springs, Grand Canyon, May 6, 1979"
- 356 "Grand Canyon, Larry Mayer, Desiree Beaudry, May 6, 1979"
- 357 "Travertine Falls, Grand Canyon, May 6, 1979"
- 358 "Travertine Falls, Grand Canyon, May 6, 1979"
- 359 "Bob Kieckhefer, Travertine Falls, May 6, 1979"
- 360 "Debbie Woodward, Desiree Beaudry, Sally Newman on Colorado R., Grand Canyon, May 7, 1979"
- 361 "Grand Canyon, May 7, 1979"
- 362 "Grand Canyon, Note beer bag behind raft, May 7, 1979"
- 363 "Grand Canyon, May 7, 1979"
- 364 "Nancy Kincheloe and Gerry Wirth at Separation Canyon, Grand Canyon, May 7, 1979"
- 365 "Sunset, Lake Mead, Grand Canyon, May 7, 1979"
- 366 "Camp, Lake Mead, May 9, 1979"

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- 367 "Camp, Lake Mead, May 9, 1979"
- 368 "Camp, Lake Mead, May 9, 1979"
- 369 "Gene Shoemaker et al, Lake Mead, May 9, 1979"
- 370 "Gene Shoemaker et al, Lake Mead, May 9, 1979"
- 371 "Gene Shoemaker et al, Lake Mead, May 9, 1979"

SIO Spring Geology Field Trip 1979-March led by Al Engel

- 372 "Lunch, Cuyamacas, March 22, 1979"
- 373 "Lunch, Cuyamacas, March 22, 1979"
- 374 "Al Engel, Kelso Mine, March 24, 1979"
- 375 "Al Engel, Kelso mine, March 24, 1979"
- 376 "Al Engel, Avawatz Mts, March 24, 1979"
- 377 "Papamint Valley camp, Ben Chao, [blank], Desiree Beaudry, March 26, 1979"
- 378 "Al Engel, Paramint Valley, March 26, 1979"
- 379 "Achmed, Cindy Evans, Al Engel-Red Rock Canyon, March 26, 1979"
- 380 "Al Engle, Red Rock Canyon, March 26, 1979"
- 381 "Red Rock Canyon Hask House Harriers, RMK, John Shinohara, Marlene McCanley, Linda Page, John Strait, Jim Zampol, Desiree Beaudry, Cindy Evans in front, March 26, 1979"
- 382 "Marlene, Red Rock Canyon Hash H.H., March 26, 1979"
- 383 "Desiree Beaudry, Red Rock Canyon H.H.H., March 26, 1979"

Dale Bibee's defense. Graduation Dale and Larry Mayer.

- 384 "Dale Bibee, thesis defense, June 6, 1979"

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- 385 "Cashie Parkhill, Rick Adair, Marilee Henry--Dale's exploding cake, June 6, 1979"
- 386 "Exploding cake--Dale Bibee's defense, June 6, 1979"
- 387 "Dale Bibee and exploding cake--thesis defense, June 6, 1979"
- 388 "Remains of Dale Bibee's exploding cake, June 6, 1979"
- 389 "Dale Bibee's thesis defense cake, June 6, 1979"
- 390 "Walter Schmitt, Cashie Parkhill, Dale Bibee, Pat Richter, Susan Russell--thesis defense, June 6, 1979"
- 391 "Walter Schmitt, Cashie Parkhill, Dale Bibee, Pat Richter, Susan Russell--Dale's thesis defense, June 6, 1979"
- 392 "George Shor, Dale Bibee, and Parents, June 17, 1979"
- 393 "Susan Fuller, Larry Mayer, Dale Bibee, June 17, 1979"
- 394 "George Shor, Fred Spiess, Larry Mayer, Dale Bibee, Sally Spiess, June 17, 1979"
- 395 "Larry Mayer and Fred Spiess, June 17, 1979"

"Rama Legs 5 and 6, 1980; 5. Guam to Bitung to Surabaya to Padang, 6. Padang to Teluk" Dalan to Lhoksumawae to Singapore

- 396 "Balancing hydrophones, Bitung, Sulawesi, August 29, 1980"
- 397 "Bob Keickhefer balancing hydrophones, Bitung, Sulawesi, August 29, 1980"
- 398 "Desiree Beaudry, Marv Elston, Joe Curry in market, Bitung, Sulawesi, August 29, 1980"
- 399 "Desiree Beaudry and Frank Hubenka, RAMA-5, September 1980"
- 400 "Desiree Beaudry and Char-Shine Liu, RAMA-5, September 1980"
- 401 "Naomi Benaron, Suparka, Bob Wilson--Bali Strait, September 1980"
- 402 "Suparka and Bob Wilson, Bali Strait, September 13, 1980"

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Slide#	TITLE
403	"Desiree Beaudry, Naomi Benaron, Bob Kieckhefer balancing hydrophones, Bitung, Sulawesi, August 29, 1980"
404	"Moored buoy anchors, RAMA 5, September 1980"
405	"Sharks, RAMA-5, September 1980"
406	"Sukardjono and shark, RAMA-5, September 1980"
407	"Desiree Beaudry, Greg Moore, Frans Emmel--Rama-5, September 30, 1980"
408	"Scientific part, RAMA-6, T. Washington, September 30, 1980"
409	"Scientific party, RAMA-6, T. Washington, September 1980"
410	"T. Washington, RAMA-6, September 30, 1980"
411	"T. Washington, RAMA-6, September 30, 1980"
412	"T. Washington, leaving Padang, RAMA-6, September 30, 1980"
413	"Steering K/M Samudera, October 1980"
414	"Bridge, K/M Samudera, October 1980"
415	"Joe Curray asleep on explosives, K/M Samudera, October 1980"
416	"Lab K/M Samudera, October 1980"
417	"R/V T. Washington, RAMA-6, October 1980"
418	"Ron Comer, Naomi Benaron, Bob Kieckhefer--equator swim, K/M Samudera, October 1980"
419	"Moored buoy Cashie (radar transponder), RAMA-6, October 1980"
420	"Ron Comer, K/M Samudera, October 1980"
421	"Joe Curray, K/M Samudera, October 1980"
422	"Naomi Benaron and Ron Comer, equator swim, K/M Samudera, October 1980"
423	"R/V T. Washington, Teluk Dalam, Nias, October 9, 1980"

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424 "R/V T. Washington, Teluk Dalam, Nias, October 1980"

425 "Desiree Beaudry on multichannel streamer winch, RAMA-6, October 9, 1980"

"Bob Kieckhefer's Defense and Ph.D. parties, June 1980"

426 "Bob Kieckhefer, Cashie Parkhill, June 1980"

427 "Desiree Beaudry, Bob Kieckhefer, Cashie Parkhill, Cindy Evans, June 1980"

428 "Bob Kieckhefer's defense party. Regina Hagen, Jim Zampol, Rob Dunbar, Desiree Beaudry, Vic Vaquier, June 1980"

429 "Bob Kieckhefer's defense party. Jo Griffith, Bob, Joe Curray, Greg Moore, June 1980"

430 "Bob Kieckhefer's defense party. Martin Benson, Bob, Joe Curray, Greg Moore, Ted Dengler, June 1980"

431 "Bob Kieckhefer, following thesis defense, June 1980"

432 "Bob Kieckhefer, Keith Sverdrup, June 1980"

433 "Graduate commencement, UCSD, June 1980"

434 "Tim Dixon, Bob Kieckhefer, June 1980"

435 "Joe Curray, Bob Kieckhefer, George Shor, June 1980"

436 "Joe Curray, Bob Kieckhefer, Cashie Parkhill, George Shor; Joan Oltman at extreme right, June 1980"

437 "Bob Kieckhefer, June 1980"

438 "Bob Kieckhefer's PhD party. (?), (?), Sherm Bloomer, Barb Price, Bob Poreda, June 1980"

439 "Bob Kieckhefer's PhD party. Cindy Evans, Randy Jacobson, Joe Curray, June 1980"