

Capricorn Expedition Photograph Collection
Original index notes for images 1-1794

Number	Title
1	Group photo on deck of R/V Spencer F. Baird, 1953. [Standing: Richard Von Herzen, Roger Revelle, Willard Bascom, Theodore Folsom, Alan Johns, Gustaf Arrhenius, Henri Rotschi, Robert Livingston, Russell Raitt. Seated: Phil Jackson, Richard Blumberg, Ronald Mason, Robert Dill, Art Maxwell, Winter Horton, Walter Munk, and Helen Raitt.]
2	Group Portrait, fantail of R/V Spencer F. Baird homeward bound from Capricorn Expedition, 1953. [Richard Von Herzen, Roger Revelle, Willard Bascom, Theodore Folsom, Alan Jones, Gustaf Arrhenius, Henri Rotschi, Robert Livingston, Helen Raitt, Phil Jackson, Richard Blumberg, Ronald Mason, Robert Dill, Art Maxwell, Winter Horton, and Walter Munk]
3	Fisher Core B lowering
4	Diver with shark
5	Russell Raitt examining seismic records, 1952
6	Capricorn Expedition Chart, 1952 September 26 to 1953 February 21
7	Roger Randall, Dougan Revelle, and Jeffery Dean Frautschy shake hands while holding length of Frautschy cable, 1952
8	Man sitting at typewriter in radio room
9	Lowering a Phlegm Corer
10	Heat Probe going over side of R/V Spencer F. Baird with Philip Jackson, Arthur Maxwell, and Richard Blumberg
11	24 Quarters below on R/V Spencer F. Baird, Alan Jones (top bunk), Ned Barr (center) and John MacFall (lower bunk)
12	R/V Spencer F. Baird coming alongside R/V Horizon at Eniwetok
13	Tahiti [b/w photograph of street scene]
14-15	R/V Spencer F. Baird on water
16-19	R/V Horizon on water
20	Entering Suva, shoreline from water
21	Entering Samoa, shoreline from water
22-25	Tahiti, shoreline and mountains from water
26	Tahiti, photograph in town
27	R/V Spencer F. Baird docked in Tahiti
28	Fathometer chart
29	R/V Spencer F. Baird on the water, Tahiti
30	Winch
31	Kinks in cable – at drum
32	Kinks in cable
33	Shoreline of Island, shot from ocean
34	Canoes on deck
35-36	Diver underwater, Vava'u, Tonga
37	Islands shot from distance
38	Fulanga (Fulaga) Island
39	Damaged core catches
40	Diver underwater, Vava'u, Tonga
41	Damaged lead – core barrel
42	Roger telling "Lala" (Mrs. James Norman Hall) that he likes Tahiti

43	Willard Bascom and Bob Livingston being towed on a line beneath the ship
44	Pakoko Rapa Piau, Marquesan leader of the dances
45	Oceanographer Bob Dill entertains the Marquesan people, as he joins the dance led by Pakoko Rapa Piau in the village of Taiohae
46	Native Dance, Nuku Hiva, Marquesas Islands
47	Dance, Marquesas Islands
48	Dance, Marquesas Islands
49	The ship's hound, Spencer, and his master Jim Hayden (engineer on the R/V Spencer F. Baird)
50	Group shot on beach of Taharoa [Henri Rotschi (left) holds basket used to collect pearl shell, Paniora and Willard Bascom examining weight line]
51	Boats at a small harbor, canoes on shore
52	People with makeshift raft or canoe
54	Boat on the water
55	R/V Spencer F. Baird on the water
56	15 Harbor at Nuku'alofa. The white spot in the shed is the author waiting for the ship to dock Christmas Eve. Norfolk pines in the distance hide Queen Salote's palace.
57	Men on canoe, on way back to Viti Levu after a day of diving with the Fijians at the Island of Serua [see also 65]
58	Man casting out net, one method of catching fish at Majuro
59	Man with spears and fish
60	Children in the water, Tonga
61	Portrait of three Fijian men
62	Fijian Village Scene, man standing on canoe
63	Fijian Village Scene, four children in canoe
64	Fijian Village Scene, Matayalevu in the Yasawa Islands
65	Men on boat on the way back to Viti Levu after diving at the Island of Serus
66	Art and Mac buying canoes at a Tongan village
67	Man on boat, catching fish
68	Portrait of Salesi Taumoepeau and Oscar Enderson
69	Villagers cooking
70	Three Fijians from one village, "while I was waiting in Suva the Horizon stopped at Majuro and our cameraman snapped this family scene"
71	Street scene in Suva
72	Grand Pacific Hotel in Suva, government buildings
73	Aerial shot of the Island of Bau
75	Winch cable for Baird, 1952
76	Unidentified crew members reeling in large tapered cable
77	Man on deck
78	R/V Spencer F. Baird Fantail taken from R/V Horizon
83	R/V Spencer F. Baird on the water
84	Official U.S. Navy Photography; USS Radford DD 446
85	R/V Spencer F. Baird coming into Suva on Capricorn, R/V Horizon behind her
86	Robert B. Livingston adjusting tank on Willard Bascom
87	Divers equipment in skiff
88	Men with equipment on ship, John D. Isaacs (far right)
89	Boats docked, 25-B-814, 25-B-680
90	Roger Revelle with cable about to be spiked by Gustaf Arrhenius

91	Vesicular basalt from 6000' on the slope of Bikini
92	Rocks underwater
93	Neptune's court aboard the Horizon [Cartisser, Eddy, Miller, Hopkins, Steward, Wood, Livingston, Friel, Henry William Menard, Swanson and William Riedel]
94-95	Crossing Equator, Neptune's court Ceremony
107	Crew on fantail of R/V Horizon
108	Unidentified man and woman on beach
109	Two men on deck of R/V Horizon about to launch weather balloon, "Eat at Callaghan's"
110	R/V Horizon, View of men on deck from rigging
112	Unidentified men on shore
113	Working with gear on ship deck
114	Men on deck
115	Silverman Shooting
117	Pat, George, and Tony on ship deck
118	O'Callaghan (Cal), the cook on the R/V Horizon
119	Dock, Tahiti
120	Takaroan pearl divers Fereti and Tahaiere with Willard Bascom and village chief Paniora
121-122	Taharoa, group shot on beach
123	Group on fantail – Lowering
124	Bob Haines – Bridge
125-127	Skiff leaving ship
128	Prove at fantail – right
129	Man with instrument on deck
130	Divers in water
131	Russell Watson Raitt sitting on deck
132-133	Willard Bascom, in scuba equipment on deck
134-135	Willard Bascom, underwater case-lung
136	Maxwell and Bascom's cabin interior
137	Davis, below deck
138	People on beach, Takaroa
139	Jackson on fantail
140-141	Man with equipment, Taylor lungs – filling
142	Men in water, Takaroa
143	R/V Spencer Baird docked in Tahiti
144	Takaroans on the quay watching pearl divers, Willard Bascom preparing to go below
145	Men on deck, cable splicing, Suva
146	King and Don, engine room
147	King and Don with washing machine
148	Vavan, group on trail
149	Christmas Party, Tonga
154	Jackson Welding
156	R/V Spencer F. Baird
157	Don on fantail alone
158, 160	Ocean Island
162	Three Men holding line, Ron Mason (left), Willard Bascom, and Roger Revelle (back to camera)
164, 166	Pecan Island

168, 170, 172	Ocean Island
174, 176, 178-180	[Pictures of the sea]
182	Diver boarding ship
183	Livingston lung valve underwater case
184	Mason
185	Men on deck, coring rig over stern
186	R/V Horizon on the water
187	R/V Horizon, group on fantail splicing
188	Brownie and Shark
189	Man with equipment
190	R/V Spencer F. Baird at dock, Suva
191	New Year's Eve Party
192	Miscellaneous photographs of Horizon's departure
197	Bob Haines inside DUKW
198	Walter Munk, Bill Bascom, Alexia Bank, December 9
199	Diver
202	Arthur Maxwell, H. William Menard, and Milton Nunn Bramlette looking at Fathometer on the R/V Spencer F. Baird
203	Russell Raitt standing before an outrigger canoe on deck of R/V Horizon
204	R/V Horizon departure
1354	R/V Horizon on the water
1355	Fijian market scene near the docks
1356-1357	Portraits of Willard Bascom
1358	Roger Revelle and coral
1359	Diver snorkeling
1360	Dr. Walter H. Munk and Dr. Robert B. Livingston, Vava'u, 1953 January 5
1361-1362	Divers
1363	Diver Phil Jackson
1364	Phil Jackson diving with camera
1365	Scientists retrieve skiff from R/V Spencer F. Baird
1366-1368	Diver and sea growth, Phil Jackson with camera
1369	Keppel Island, Niutobutabu, skiff returning with Livingston, Blumberg, Bascom, and Johnson
1370	Skiff returning from Keppel Island
1371-1376	Diver underwater at Vavua (corals, etc.)
1377	Divers working from motor launch on Alexa Beach
1378-1382	Divers preparing and entering water
1383-1394	R/V Spencer F. Baird entering Vava'u and small islands
1395-1396, 1398-1399	R/V Horizon and R/V Spencer F. Baird, Samoa
1401	Von Herzen and seismic records
1402-1403	Rittenburg, Hilleary and weather balloon
1404	Rittenburg and shark
1405	Riedel checking core barrel lead for samples, Tonga Trench
1406	Palmerston Island Natives aboard ship with Phil Jackson (lower left corner), Buckey (far right), Bob Livingston and Willard Bascom (by door), Joe and Bob Masters (dancing)

1407-1409	Palmerston Island Natives Aboard Ship
1410	Palmerston Island Natives in Boat
1411-1420	Palmerston Island shoreline
1421	Theodore Folsom, Ball breaker and sampler
1422	Ball Breaker and Sampler
1423	Core lowering
1424	Group launching core barrel, Roger Revelle (left)
1425-1426	Core barrel being launched at night
1427-1428	Storage drum well down and King
1429-1434	Core barrel lead-damaged, Tonga Trench
1435	Phleger core lowering
1436	Temperature Probe works
1438	Lowering camera
1439	Palmerston Island
1440	Preparing to lower deep-sea camera [Robert Dill, Walter Munk, and Richard Blumberg]
1441-1446	Keppel Island
1447	Native Boat and Scripps' skiff meeting, Keppel Island
1448-1449	Boscawen Island
1450	Tofua Island
1460	The cone of the uninhabited volcanic island of Kao, Tofua Island behind
1461-1463	Kao Island
1464	Suva diving trip group in canoe: Russell Raitt, Johnson, Roger Revelle, and others
1467	Suva diving trip – on the way back to Viti Levu after diving the island of Serua
1468	Native Children, Vava'u
1469	Tofua Island
1470-1471	Tofua and Kao Islands
1472	Blumberg and Mason magnetometer
1473	Milton Nunn Bramlette and core
1474-1475	Milton Nunn Bramlette and Roger Revelle with core
1477-1479	Robert Dill, underwater camera
1480-1481	Theodore Folsom and water sampler
1481	Theodore Folsom examining ice points
1482	Jackson waxing core
1483	Theodore Folsom and Martin W. Johnson with net
1484	Martin Wiggo Johnson and two men observing plankton sample caught in net
1485	King – Control panel of big winch
1486	Johnson dip netting
1487	Alan C. Jones at fathometer
1490	Willard Bascom
1491	Payne, bottle cast
1492	Walter Munk and Stewart
1495	Arthur Maxwell, heat-probe records
1496	Ben Masters, chief of Palmerston Island visiting with Roger Revelle
1497	Roger Revelle – Core
1498	Roger Revelle on deck
1499	Russell Watson Raitt – seismic records

1500	Russell Watson Raitt in laboratory on R/V Spencer F. Baird
1501	Revelle and Gustaf Arrhenius with core
1536-1539	Diver underwater
1540	Kao Island
1541	Men on skiff
1542	Natives aboard Palmerston
1543	Theodore Folsom and Blumberg with core
1544	Johnson with plankton net
1545	Folsom, Dill, and Blumberg with core
1546-1547	Milton Nunn Bramlette and Roger Revelle with core
1549	Fisher and Riedel with core
1550	Divers in skiff
1552	Roger Randall Dougan Revelle and Sample from bottom, Alexa
1553	First mate, Bob Haines, takes a sun sight and Bob Livingston helping him
1554	Bascom with lungs on deck
1555	R. Mason with magnetometer
1556	Gustaf Arrhenius and Roger Revelle examine the gravity core, which has been detached before the long 28-foot core barrel is brought aboard
1557	Arthur Maxwell and temperature probe
1558	Helen Hill Raitt
1559	Helen Hill Raitt and typewriter, leaning against magnetometer "Sire Ronald"
1560-1561	Robert B. Livingston preparing for last dive
1562-1566	Skiff with divers, Falcon Island
1567-1568	Damaged core barrel lead and new one, Tonga Trench
1569-1575	Diver underwater, Vava'u
1577-1585	Divers underwater with bubbles
1587	Corals and fish on floor
1589-1590	Diver underwater
1592	Underwater shot
1593	Man playing ukulele, R/V Horizon, Leg A of expedition
1594	Allen C. Jones and Edwin C. Hamilton, R/V Horizon, Leg A of expedition
1595	Man climbing into the room, R/V Horizon, Leg A of expedition
1596	Man working on boat, R/V Horizon, Leg A of expedition
1597	Man changing, R/V Horizon, Leg A of expedition
1598	Man playing ukulele, R/V Horizon, Leg A of expedition
1599	Men working, R/V Horizon, Leg A of expedition
1600	Man naked on boat, Ned Barr, R/V Horizon, Leg A of expedition
1601-1603	Necker Island
1604	Darcy and Barr working, R/V Horizon, 1st group from Capricorn
1605	Hamilton with Fathometer, R/V Horizon, 1st group from Capricorn
1606	Horton and Hamilton working, R/V Horizon, 1st group from Capricorn
1607-1609	Booby in flight
1610, 1613	Waves crashing overboard and BT winch
1614-1615	Fire Drill, R/V Horizon, 1st group from Capricorn
1616-1617	Necker Island
1618	Four men in skiff

1619	Skiff on the side of boat
1620-1624	Underwater shots - Diver, corals, and fish
1625-1626	Necker Island
1627, 1629	Booby birds
1630-1631	Necker Island
1632-1635	Booby bird on Ned Barr's head
1636	Jones and instrument, R/V Horizon
1637	Laboratory interior with Carey, Barr and Hamilton, R/V Horizon
1639	Five men drinking coffee in Mess hall, R/V Horizon
1640	O'Callaghan (Cal), cook on R/V Horizon
1641-1642	Ship sprayers before and in operation, R/V Horizon
1643-1644	Warren W. Beckwith preparing diving oxygen tank, R/V Horizon
1645	Barr and unidentified man on ship fantail
1646	Payne and bottle cast, R/V Horizon
1648	Payne and two men working with bottle cast, R/V Horizon
1649	Crew on fantail of R/V Horizon, 1952 October 14
1650	Hamilton and Holter working, R/V Horizon
1651	Three men, raft assembly, R/V Horizon
1651	Capt. Ferris looking out portholes, R/V Horizon
1652	Scientists on fantail, R/V Horizon
1653	Crew and scientists on fantail, R/V Horizon; Crossing Equator [Neptune and Court Ceremony]
1653 A	Crossing Equator [Neptune and Court Ceremony]
1654-1655	Weather balloon, Friel and Holter, R/V Horizon
1656	Holter standing on deck, R/V Horizon
1657	Weather balloon, Rittenberg and Friel, R/V Horizon
1658-1659	Friel Releasing the weather balloon, R/V Horizon
1660-1661	Barr and BT equipment, R/V Horizon
1663	Weather balloon in air
1664	Capt. Ferris on deck, R/V Horizon
1665	Fantail of ship
1666	Waves and the side of the ship
1667	Barr listening to headphones, R/V Horizon
1668-1669	R/V Horizon departure
1670	Barr writing in book, R/V Horizon
1671	Hamilton smoking a pipe looking at data, R/V Horizon
1672	Barr sitting in work room, R/V Horizon
1673-1674	Crew with public at port, R/V Horizon departure
1675	R/V Horizon at port with parked cars
1676	Hamilton throwing object into the ocean off the R/V Horizon, 1952 October
1677	R/V Horizon and landing craft, shot from beach
1678	Horton and Hamilton, R/V Horizon, 1952 October
1679	Horton and Hamilton arming charge, R/V Horizon, 1952 October
1680	Barr with equipment, R/V Horizon, 1952 October
1681	Horton and Payne playing checkers aboard R/V Horizon
1682	Horton, Beckwith, and Payne playing checkers aboard R/V Horizon
1683-1684	Hamilton and others working on equipment, R/V Horizon

1685	Men working inside laboratory, R/V Horizon
1686	Jones and Daray analyzing data, R/V Horizon
1687	Four men working inside laboratory, R/V Horizon
1688-1692	Corals and fish underwater
1693	Diver underwater with corals and fish
1694	Bikini area, cable on beach
1695	Bikini area, beach during wave
1696-1697	Bikini area, landing craft loading from beach
1698	Bikini, beach during wave
1699	Marker during wave
1700	Bikini area, beach during wave
1701	Men on beach during wave
1702	Bikini area, landing craft loading from beach
1703	Men on beach during wave
1704	Man emerging from tent on beach, Station, Bikini area
1709, 1711	Majuro native fisherman and Walter Munk
1712	Men on ship unloading cable
1713	Men on ship unwinding cable
1714	Island shot from ocean, Bikini area
1716	Man working on dredge
1717	Men on beach with DUKW
1718	Bascom and two men loading cable in DUKW
1719	Skiff and crew on beach
1720	Island shot from ocean, Bikini area
1721-1723	Men on beach with DUKW
1724-1725	Men working on fantail of ship, Bikini area
1726	John Isaacs, fantail work
1727	Men working with instruments on ship, Bikini area
1728	Men on raft in distance at sea
1729	Men working on ship, raft assembly
1730	Men working on fantail of ship
1731	Three men in skiff, Bikini
1732-1735	Group on Fantail feeding wire out, Bikini area
1736	Beach during wave, Bikini area
1737	Men in skiff with waves, Bikini area
1738	Beach during wave, Bikini area
1739	Group relaxing at Bikini
1740	Walter Munk with Oar on rock by beach, Bikini area
1741	Beach during wave, Bikini area
1742	Men launching skiff into water, Bikini
1743	Men working on fantail, overhead shot taken from A frame
1744	Beach during wave, Bikini area
1745	Men in skiff, Bikini
1746-1747	Group in dining area
1748	Man on fantail feeding cable

1749-1750, 1752	Willard Bascom and unidentified man, raft and skiff
1753	Ocean, sunset and rainstorm
1754	Bascom on raft
1755	Two men with raft and skiff
1756	Four men working on fantail, R/V Spencer F. Baird
1757	Russell Watson Raitt throwing charge
1758	Isaacs Instrument, Bikini Area
1759-1760	R/V Spencer F. Baird at port
1761	Four men relaxing on fantail of ship
1762	Two ships at dock, Kwaj (Kwajalein Atoll?)
1763	Steaming the hydrophones in preparation for a seismic run, Raitt's gear, deck well
1779-1787	Island photo shot from ocean
1788	R/V Spencer F. Baird fantail, bent boring tube across two horses and other equipment on deck - Coring apparatus, temperature probe (being sat upon), under-water camera, etc.
1789-1790	R/V Spencer F. Baird on the water
1791	Brownie operating small winch
1792	Carrol operating winch
1793	Man cutting fish
1794	Man cutting hair on ship deck, "King – haircut – Bucky"