Scripps IGY “Mukluk Expedition”

to Alaskan Waters with R/V *Spencer F. Baird*

July 8-Aug. 26, 1957

Captain: Alan W. Phinney (1915-1994)

R/V *Spencer F. Baird*: A WWII Army seagoing tug that Scripps acquired for its research fleet in Aug. 1951 and used until 1965

Chief Scientists: George G. Shor (1923-2009) & John C. Swallow (1923-1994)

Route: Point Loma: NRL dock > Kodiak Island > Gulf of Alaska > Unimak > Bering Sea > Umnak Pass(?) > Gulf of Alaska > Ketchikan > Point Loma

Data collected in Alaskan waters: temperature changes of sea to depth of 100 (?) meters; deep current studies with Swallow floats; reflection and refraction of blast waves by the sea bottom and the Mohorovičić discontinuity (funded by Navy); core samples from sea floor

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Sources bearing on above info:

[*Physical and chemical data: Chinook Expedition 29 June to 23 August 1956; Mukluk Expedition 8 July to 26 August 1957; Downwind Expedition 21 October 1957 to 28 February 1958.*](http://uwashington.worldcat.org.offcampus.lib.washington.edu/title/physical-and-chemical-data-chinook-expedition-29-june-to-23-august-1956-mukluk-expedition-8-july-to-26-august-1957-downwind-expedition-21-october-1957-to-28-february-1958/oclc/18176714&referer=brief_results) Scripps Institution of Oceanography.; International Geophysical Year.; United States. Office of Naval Research. La Jolla: Scripps Institution of Oceanography, 1958. Owned by Summit Libraries

[*MUKLUK Expedition, July-August, 1957: cores and dredge samples.*](http://uwashington.worldcat.org.offcampus.lib.washington.edu/title/mukluk-expedition-july-august-1957-cores-and-dredge-samples/oclc/17979553&referer=brief_results)Scripps Institution of Oceanography. La Jolla: Scripps Institution of Oceanography, 1957, 6 pp.; Series: [SIO reference](http://uwashington.worldcat.org.offcampus.lib.washington.edu/search?qt=hotseries&q=se%3A%22SIO+reference%22), no. 57-53. Owned by WorldCat Libraries

Day, Deborah, “Navy Support for Oceanography at SIO,” 2000, 14 pp. —see http://scilib.ucsd.edu/sio/hist/day\_navy\_support\_for\_oceanogr.pdf

Shor, Elizabeth Noble, [*Scripps Institution of Oceanography: Probing the Oceans, 1936 to 1976*](http://publishing.cdlib.org/ucpressebooks/view?docId=kt109nc2cj;query=Mukluk%20;brand=eschol), Tofua Press, 1978, pp. 367, 405 — see http://scilib.ucsd.edu/sio/hist/gc29s5.pdf

---, “Scripps in the 1950s: A Decade of Bluewater Oceanography,” San Diego Historical Society Quarterly, 29 (1983), 254-? — see http://www.sandiegohistory.org/journal/83fall/scripps.htm

Alan W. Phinney — see http://scilib.ucsd.edu/sio/lists/Phinney94-07.pdf

John C. Swallow — see https://en.wikipedia.org/wiki/John\_C.\_Swallow

George G. Shor — see http://scrippsnews.ucsd.edu/Releases/?releaseID=1001