

Recovery Deployment List for Apollo Flights

NASA JSC – Landing and Recovery Division (LRD)



DATA SOURCES:

- Doc Stullken (throughout the Gemini and Apollo programs) compiled matrices listing all LRD branch personnel upon which he recorded any flight assignments they supported. When he retired, he provided those matrices to Dick Snyder, who collected data for Skylab and the Apollo/Soyuz Test Project (ASTP). That was the starting point for the following list.
- After moving that data into this lists format, each LRD representative (for which we had an e-mail address) was sent a list of their assignments along with any questions and were asked for verification of their assignments. There were several comments (and some rather interesting stories); however, there were actually not many discrepancies noted in the responses. Those identified discrepancies were corrected.
- Along with his comments, Andy Anderson also provided a copy of LRD Mission Assignments memoranda for Apollo 4 through Apollo 16. When comparing these with Doc Stullken's data, a few discrepancies were noted. Individual feedback from those involved, was required to resolve these.
- Pre-Flight NASA Press Releases for some of the earlier flights were reviewed. They added some new assignees and information. That was added to this list.
- Since it was not possible to contact all LRD personnel, there may be remaining errors. However, based on the feedback already received, the list should be very accurate. The primary concern with the list is that there is still some incomplete information (e.g. specific ships to which some personnel were assigned and the functional responsibilities of some personnel assigned to the Primary Recovery Ship [PRS]). If any discrepancies are found or additional information is identified, please send that information to C. Mac Jones at cmjesg@comcast.net.

Apollo Recovery Deployments/Assignments

Flight	JSC – ROCR	RCC	Launch & Post-Landing Support	ARRS	Ships	Comments
AS-201 2/26/66	Recovery Coord -Bob Thompson Asst Recovery Coord - Don Stullken Display -John Hoover -J.O. Saylor Evaluators -Wayne Empey - Jerry Hoisington Status -Joe Vice		<u>KSC Launch Support</u> -Hal Granger (RCC) -Rip Kirby (Central Control) -Harold Neher (Central Control) -Carter Yeatman (Central Control) -Bob Tweedie (Safing) <u>Norfolk Naval Air Station, VA - Deactivation</u> -Rod Bass <u>NOTE:</u> KSC RCC was in old Mercury Control Center	<u>Ascension</u> -Ed Bullock -Al Meyers -Bill Middleton -Milt Windler <u>Kindley AFB, Bermuda</u> -Fred Sponholz <u>Dakar, Senegal</u> -Dale Moore	<u>PRS – LPH Boxer</u> TL -John Stonesifer TM -Rod Bass -Bill Chase -Tom Holt -Don Morris -Lonnie Thomas <u>LA-1 (West Lant)</u> <u>DD Wilson</u> -W.B. Wood <u>LA-2 (West Lant)</u> <u>DD Waldron</u> -Walt Stork <u>LA-3 (West Lant)</u> <u>DD Ingram</u> -Gary Robinson <u>LA-4 (East Lant)</u> <u>AO Kaskaskia</u> -Warren Glenn -C.W. Jones <u>LA-5 (South Lant)</u> <u>DD Turner</u> -C. Mac Jones	Crew -Unmanned flight. Landing -Atlantic 8 d 11 m S 11 d 9 m W

<p>AS-202 8/25/66</p>	<p>Recovery Coord - -John Stonesifer Asst Recovery Coord -Ed Bullock -Jerry Hoisington Evaluator -Rich Blakley -John Hoover -Gary Robinson Status Monitor -Frank Herbert (T1) -Arnie Kilpatrick TM -Don Dubay -Wayne Koons -Bruce Larsen -Joe Vice</p>	<p><u>Kunia, Oahu (CTF 130)</u> -Hal Granger</p>	<p><u>KSC Launch Support</u> -Mel Richmond (RCC OJT) -Rip Kirby (Recovery Force Rep)</p> <p><u>Ford Island, Oahu Naval Base – Deactivation</u> -Rod Bass (TL)</p>	<p><u>Guam</u> -Sherry Berthiaume -Bill Chase</p> <p><u>Hickham AFB, Oahu</u> -Warren Glenn -Al Meyers -Ed Petrash -Milt Windler</p> <p><u>Wake Island AFB</u> -Bill Middleton</p> <p><u>Kindley AFB, Bermuda</u> -Dennis Mannering</p>	<p><u>PRS – CVS Hornet</u> TL –Doc Stullken TM -Rod Bass -Chuck Filley -Jim Sloan -Fred Sponholtz -Reed Darley -Dean Thomas</p> <hr/> <p><u>LA-1 (West Lant) DD</u> -Steve Ellis</p> <p><u>LA-2 (West Lant) DD</u> -Dick Jacobs</p> <p><u>LA-3 (East Lant) DD</u> -Walter Stork</p> <p><u>SRS-1 (West Pac)DD</u> -W.B. Wood</p> <p><u>SRS-2 (Mid Pac) DD</u> -Jim Arthur</p>	<p>Crew - Unmanned Flight Landing - Pacific 16d 07m N 168d 54mE</p>
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<p>Apollo 4 (AS-501) 11/9/67</p>	<p>Recovery Coord -Ed Bullock (T1) Asst Recovery Coord -Hal Granger (T2) -Joe Vice (T1) Display -Jack Abernathy (T2) -John Hoover (T1) Evaluator - -Gary Robinson (T1) -Terry Watson (T2) -Fred Wrinkle (T2) Status Monitor – -Dick Snyder (T2) -Bob Walker (T1)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Doc Stullken (TL) -Rich Blakley <u>Moron AFB, Spain</u> -Tom Holt</p>	<p><u>KSC Launch Support</u> -John Cooper (Recovery Force Rep-Beach) -Ralph Culbertson (Recovery Force Rep-Pad Area) -Denny Holt (RCC) -Rip Kirby(TL-RCC) <u>Ford Island, Oahu</u> <u>Naval Base –</u> <u>Deactivation</u> -Rod Bass (TL) -Harry Clancy -John Hirasaki</p>	<p><u>ARIA</u> -Doug Scoggins <u>Kindley AFB, Bermuda</u> A/C-1 -Ed Kilpatrick (TL) -Steve Ellis A/C-2 -Carl Koontz <u>Hickham AFB, Oahu</u> A/C-1 -Warren Glenn -W.B. Wood A/C-2 -Bill Chase (TL) -Don Morris A/C-3 -Larry Patterson -Don DuBay A/C-4 -Bill Middleton -Rick Coblentz A/C-5 -Sherry Berthiaume -Gordon Hrabal A/C-6 -Frank Breshears -Ron Simantel <u>Lajes AFB, Azores</u> -Allen Meyers</p>	<p><u>PRS –CVS</u> <u>Bennington</u> <u>TL</u> -John Stonesifer <u>Asst TL</u> -Chuck Filley <u>Helo/Deck Ops</u> -Ed Petrash <u>CM Safing/Post</u> <u>Retrieval Ops</u> -John Hirasaki (also ECLS Vent Valve Tests) <u>TM</u> -Andy Anderson -F.T. Mabley <u>LA-1 (West Lant)</u> <u>LPD Austin</u> -Lane Brown -Charles Hall -Fred Sponholz (TL) -Randy Stone <u>LA-2 (West Lant) DD</u> <u>J. P. Kennedy</u> -Ed O'Briant (TL) <u>LA-3 (West Lant)</u> <u>LST York County</u> -Larry Bell -Marion Coody (TL) -Charles Mendel <u>LA-4 (East Lant) AO</u> <u>Sabine</u> -Mike Collins <u>SRS (West Pac) DD</u> <u>Carpenter</u> -Gus McCown (TL) -Royce McKinney</p>	<p><u>Crew</u> - Unmanned Flight <u>Landing</u> -Pacific 30d 06m N 172d 32m W</p>
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<p>Apollo 5 (AS-204L) 1/22/68</p>	<p>Recovery Coord -Rip Kirby (T1) Asst Recovery Coord -Jack Abernathy (T1) Display -Rich Blakley (T1) -Fred Wrinkle (T1) Evaluator - -Chuck Filley (T1) -Dick Snyder (T1) -Bob Walker (T1) Status Monitor -Andy Anderson (T1)</p>	<p><u>Kunia, Oahu (CTF-130)</u> -Joe Vice <u>Norfolk, VA (CTF-140)</u> -John Stonesifer (TL) -Terry Watson</p>	<p><u>KSC Launch Support</u> -Ralph Culbertson</p>	<p><u>Kindley AFB, Bermuda</u> A/C-1 -Denny Holt -Bill Middleton (TL) A/C-2 -Frank Breshears -Doug Scoggins <u>Hickam AFB, Oahu</u> A/C-1 -Sherry Berthiaume (TL) -Dave Peterson A/C-2 -Jim Larey -Ed Petrash</p>		<p>Crew - Unmanned Flight Landing -No Recovery</p>
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<p>Apollo 6 (AS-502) 4/4/68</p>	<p>Recovery Coord -Hal Granger (T1) Asst Recovery Coord -Joe Vice (T1) Display -Jack Abernathy (T1) -Gary Robinson (T1) Evaluator -Dick Snyder (T1) -Fred Wrinkle (T1) Status Monitor -Rich Blakley (T1) -Terry Watson (T1)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Doc Stullken (TL) -Bob Walker <u>Norfolk, VA</u> <u>(CTF-140)</u> -Ed Bullock -Larry Roberts <u>Moron AFB, Spain</u> -John Hoover</p>	<p><u>KSC Launch Support</u> -John Cooper -Rip Kirby (TL) <u>Ford Island, Oahu</u> <u>Naval Base – Deactivation</u> -Rod Bass (TL) -John Hirasaki</p>	<p><u>Kindley AFB, Bermuda</u> -Ralph Culbertson -Jim Larey -Ron Simantel (TL) <u>Hickham AFB, Oahu</u> -Frank Breshears -Rick Coblenz -Warren Glenn -Don Morris -Dave Peterson -Doug Scoggins (TL) <u>Lajes AFB, Azores</u> -Denny Holt</p>	<p><u>PRS – LPH Okinawa TL</u> -Chuck Filley <u>HDC/CIC</u> -Sherry Berthiaume <u>CM Retrieval</u> -W.B. Wood <u>CM Safing/Post Retrieval Ops</u> -Frank Janes -John Hirasaki -W.B. Wood <u>TM</u> -Jim Sloan <u>SRS (East Lant) – AO Chikaskia</u> -Dick Jacobs <u>LA-1 (West Lant) – LPD Austin [Launch Camr Rtrvl]</u> -Ed Petrash (TL) -Jim Brandenburg -F.T. Mabley <u>LA-2 DD Dupont</u> -Lane Brown <u>LA-3 (East Lant) – LST York County</u> -Andy Anderson (TL) -J.W. Williams <u>SRS (West PAC) DD Carpenter</u> -Gary Wilgus</p>	<p>Crew - Unmanned Flight Landing - Pacific 27d 40m N 157d 59m W</p>
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<p>Apollo 7 (AS-205) 10/11/68 -- 10/22/68</p>	<p>Recovery Coord - -Hal Granger (T3) -Jerry Hammack (T1) -John Stonesifer (T2) Asst Recovery Coord -Jack Abernathy(T1) -Ed Bullock(T2) -John Hoover (T3) Evaluator -Gary Robinson(T3) -Bob Walker(T2) -Terry Watson(T1) Logistics -Ron Simantel Status Monitor -John Cooper(T3) -George Richeson(T1) -Gary Wilgus(T2)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Jerry Hoisington (TL) -Andy Anderson -Dick Snyder <u>Norfolk, VA</u> <u>(CTF-140)</u> -Chuck Filley (TL) -Fred Wrinkle -Millard Pettit <u>Albrook AFB,</u> <u>Panama</u> -Rich Blakley <u>Ramstein AFB,</u> <u>Germany</u> -Tom Holt</p>	<p><u>KSC Launch Support</u> -Rip Kirby (TL) -Ralph Culbertson -C. Mac Jones (Jammed Hatch) <u>Norfolk Naval Air Station, VA - Deactivation</u> -Harry Clancy (TL) -John Hirasaki -C. Mac Jones</p>	<p><u>Kindley AFB, Bermuda</u> - F.T. Mabley -Allen Meyers -Ed Petrash (TL) -Randy Stone <u>Hickham AFB, Oahu</u> -Paul Chaput <u>Lajes AFB, Azores</u> -J.W. Williams <u>Tachikawa AFB, Japan</u> -Larry Patterson</p>	<p><u>PRS-CVS Essex TL</u> -Doc Stullken <u>HDC/CIC</u> -Dick Jacobs <u>CM Retrieval</u> -W.B. Wood <u>Helo Ops</u> -John Haughton <u>CM Safing/ Post Retrieval</u> -Frank Janes -W.B. Wood <u>TM</u> -J.M. Hill <u>LA-2 (East Lant)</u> <u>AKA Arneb</u> -Dave Peterson <u>LA-3 (Mid Lant – Mode 2) AGM</u> <u>Vanguard Tracking Ship</u> -Denny Holt <u>LA-4 (East Lant)</u> -L.D. Roberts <u>Mid Pac 1 – DLG</u> <u>Cochrane</u> -Fred Sponholz -Johnnie Ferguson <u>Mid Pac 2 -- DD</u> <u>Carpenter</u> -Charles Chassay -W.C. Hendrickson <u>West PAC 1 – DD</u> <u>Rupertus</u> -Jim Larey <u>West Pac 2 – FFG</u> <u>Nicholas</u></p>	<p><u>Crew</u> - Walter Schirra -Walt Cunningham - Donn Eisele <u>Landing</u> -Atlantic 27d 32m N 64d 04m W <u>Other Ships Supporting NASA</u> APA Cambria DDR Henry Tucker FFG Nicholas ATF-Paiute AO Ponchatoula</p>
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<p>Apollo 8 (AS-503) 12/21/68 -- 12/27/68</p>	<p>Recovery Coord - -Ed Bullock (T3) -John Hoover (T2) -Doc Stullken (T1) Evaluator - -Rich Blakley (T1) -Dick Snyder (T3) -Fred Wrinkle (T2) Status Monitor -Jonnie Ferguson (T2) -J.M. Hill (T1) -Millard Pettit (T3)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Hal Granger (TL) -George Richeson -Terry Watson</p> <p><u>Norfolk, VA</u> <u>(CTF-140)</u> -Lane Brown -Tom Holt (TL) -Bob Walker</p> <p><u>Albrook AFB,</u> <u>Panama</u> -Gary Robinson</p> <p><u>Ramstein AFB,</u> <u>Germany</u> -W.B. Wood</p>	<p><u>KSC Launch Support</u> -Ralph Culbertson -C. Mac Jones (Jammed Hatch) -Rip Kirby (TL) -K.N. Kuhlenschmidt</p> <p><u>Ford Island, Oahu- Deactivation</u> -Harry Clancy (TL) -C. Mac Jones</p> <p><u>CM Return To NAA in Long Beach (via C- 133B)</u> -C. Mac Jones</p> <p>--APOLLO 8-- --CONTINUED NEXT PAGE--</p>	<p><u>Ascension</u> -Dale Moore</p> <p><u>Hickham AFB, Oahu</u> -Bill Chase -F.T. Mabley -Ed Petrash</p> <p><u>Lajes AFB, Azores</u> -Jim Larey</p> <p><u>Kindley AFB, Bermuda</u> -Ed Kilpatrick (TL) -Mike Ward</p> <p><u>Pago Pago, American Samoa</u> -Ed Petrash</p> <p><u>Tachikawa AFB, Japan</u> -L.D. Roberts</p>	<p>-Gordon Hrabal</p> <p><u>PRS – CVS</u> <u>Yorktown</u> TL -John Stonesifer HDC/CIC -Sherry Berthiaume CM Retrieval -Andy Anderson -Milt Heflin Swim/Helo Ops -Andy Anderson -Ron Simantel CM Safing/ Post Retrieval Ops -Milt Heflin (TL) -Phil Charlton -Ron Simantel</p> <p><u>SRS-1 (East Lant)</u> <u>CVE Guadalcanal</u> -Ron Epps -Chuck Filley -L.D. Scoggins</p> <p><u>SRS-2</u> -W.C. Hendrickson</p> <p><u>SRS-3</u> -Gordon Hrabal</p> <p><u>SRS-4</u> -Al Drumm</p> <p><u>SRS-5</u> <u>LPA Sandoval</u> -Rick Coblentz -Mike Collins <u>SRS-6 (Lant Near</u></p>	<p>Crew - Frank Borman - Jim Lovell - Bill Anders Landing - Pacific 8d 7.5m N 165d 1.2m W</p> <p>Other Ships Supporting NASA LPD Arlington AO Chipola AO Chuckawan DDG Cochrane FFG Nicholas AKA Rankin DD Rupertus ATF Salinan APA Sandoval</p>
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Apollo 8 (Cont.)					<u>Equator-AOL) APA</u> <u>Francis Marion</u> -Denny Holt (TL) -Randy Stone <u>SRS-7</u> -L.D. Roberts <u>SRS-8 (Mid Pac)</u> <u>-- DD Carpenter</u> -Jim Brandenburg <u>SRS-9</u> -J.W. Williams	
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<p>Apollo 9 (AS-504) 3/3/69 -- 3/13/69</p>	<p>Recovery Coord - -Ed Bullock (T1) -Jerry Hoisington (T2) -Tom Holt (T3) Asst Recovery Coord -Rich Blakley (T2) -Gary Robinson (T1) -Fred Wrinkle (T3) Evaluator - -Dick Snyder (T1) -Bob Walker (T2) -Terry Watson (T3) Logistics - -Milt Heflin Status Monitor – -Jim Brandenburg (T1) -W.C. Hendrickson (T3) -Denny Holt (T2)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -John Hoover -Rip Kirby -Ron Simantel <u>Norfolk, VA</u> <u>(CTF-140)</u> -Doc Stullken (TL) -Dave Peterson -A.L. Smith <u>Albrook AFB,</u> <u>Panama</u> -Jim Larey <u>Ramstein AFB,</u> <u>Germany</u> -Ed Kilpatrick</p>	<p><u>KSC Launch Support</u> -Ralph Culbertson(TL) -C. Mac Jones (Jammed Hatch) -K.N. Kuhlenschmidt <u>Norfolk Naval Base –</u> <u>Deactivation</u> -Harry Clancy (TL) -C. Mac Jones -Paul Kruppenbacher <u>CM Return To North</u> <u>American Aviation</u> <u>(NAA) in Long Beach</u> <u>(via C-133B)</u> -C. Mac Jones</p>	<p><u>Kindley AFB,</u> <u>Bermuda</u> -Dick Jacobs -Don Morris <u>Hickham AFB, Oahu</u> -Frank Breshears <u>Lajes AFB, Azores</u> -Gordon Hrabal <u>Tachikawa AFB,</u> <u>Japan</u> -J.W. Williams</p>	<p><u>PRS – CVE</u> <u>Guadalcanal</u> TL-Chuck Filley HDC/CIC -Mel Richmond CM Retrieval; Swim Ops -Andy Anderson Helo Ops -Andy Anderson -Ed Petrash Deck Ops -Frank Janes CM Safing/Post Retrieval Ops -Frank Janes Mobile Quarantine Facility (MQF) -Hardie Barr -Al Drumm -John Hirasaki -Carl Koontz -Paul Kruppenbacher (inside test subject) -Randy Stone <hr/><u>SRS-1 (Mid Lant-Mode2) – AGM Vanguard</u> -F.T. Mabley <u>SRS-2 (East Lant) AKA Algol</u> -Ron Epps <u>SRS-4 (Mid Pac) - DD</u> -J.M. Hill <u>SRS-5 (Mid Pac)</u> -L.D. Roberts <u>SRS-6 (West Pac) – DD</u> -James Arthur</p>	<p>Crew - Jim McDivitt - Dave Scott - Rusty Schweickart Landing -Atlantic 23d 15m N 67d 56m W Other Ships Supporting NASA DDG Cochrane DD Leonard F. Mason FFG Nicholas ATF Paiute</p>
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<p>Apollo 10 (AS-505) 5/18/69 -- 5/26/69</p>	<p>Recovery Coord - -Ed Bullock (T2) -Hal Granger (T1) -Rip Kirby (T3) Asst Recovery Coord -Chuck Filley (T1) Evaluator - -Rich Blakley (T3) -Gary Robinson (T2) -Bob Walker (T1) Logistics -Frank Janes Status Monitor -Don Harris (T3) -A.L. Smith (T2) -Dick Snyder (T1) -John Laugle (T2)</p>	<p><u>Kunia, Oahu</u> (CTF130) -Jerry Hoisington (TL) -Andy Anderson <u>Norfolk, VA</u> (CTF-140) - -John Hoover <u>Albrook AFB,</u> <u>Panama</u> -Fred Wrinkle <u>Ramstein AFB,</u> <u>Germany</u> -Pete Armitage -Bill Chase</p>	<p><u>KSC Launch Support</u> -Ralph Culbertson(TL) -C. Mac Jones (Jammed Hatch) -K.N. Kuhlenschmidt <u>Ford Island, Oahu – Deactivation</u> -Harry Clancy (TL) -Paul Kruppenbacher</p>	<p><u>Ascension</u> -Frank Breshears <u>Kindley AFB,</u> <u>Bermuda</u> -Lane Brown <u>Anderson AFB, Guam</u> -Ron Simantel <u>Hickham AFB, Oahu</u> -Bill Middleton (TL) -Ed Petrash <u>Lajes AFB, Azores</u> -Dale Moore <u>Pago Pago, American Samoa (End-of-Mission)</u> -Bill Middleton -Ed Petrash -Ron Simantel <u>Pease AFB, NH</u> -Allen Meyers</p>	<p><u>PRS – LPH Princeton TL</u> -Doc Stullken <u>HDC/CIC</u> -Sherry Berthiaume <u>CM Safing/ Post Retrieval Ops</u> -Milt Heflin <u>TM</u> -Tom Holt -Walt Stork -Terry Watson <u>SRS-1 (West Lant) DD Rich</u> -Arnie Kilpatrick (TL) -George Richeson <u>SRS-2 (Mid Lant- Mode 2) – AGM Vanguard Tracking Ship</u> -Jim Larey <u>SRS-3 (East Lant- Mode 3) – LPA Chilton</u> -Denny Holt <u>SRS-4 (AOL) LSV Ozark</u> -L.D. Roberts <u>SRS-5 (Mid Pac/EOM) DDG Joseph J. Strauss</u> -J.W. Williams</p>	<p><u>Crew</u> - Tom Stafford - John Young - Gene Cernan <u>Landing</u> - Pacific 5d 8m S 164d 39m W <u>Other Ships Supporting NASA</u> LPD Arlington DD Carpenter ATF Salinan</p>
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<p>Apollo 11 (AS-506) 7/16/69 -- 7/24/69</p>	<p>Recovery Coord - -Hal Granger (T1) -Jerry Hoisington (T2) -John Hoover (T3) Asst Recovery Coord -Gary Robinson Evaluator - -W.C. Hendrickson (T3) -Dick Snyder (T1) -Terry Watson (T2) Logistics - -Paul Kruppenbacher Status Monitor -J.T. Chapman (T3) -George Richeson (T2) -L.D. Roberts (T1)</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Chuck Filley (TL) -Arnie Kilpatrick -Jim Shannon <u>Norfolk, VA</u> <u>(CTF-140)</u> -Ed Bullock (TL) -Millard Pettit <u>Albrook AFB,</u> <u>Panama</u> -Jim Brandenburg <u>Ramstein AFB,</u> <u>Germany</u> -Weldon McCown</p>	<p><u>KSC Launch Support</u> -C. Mac Jones (Jammed Hatch) -Rip Kirby -K.N. Kuhlenschmidt -Jim Larey(Beach Ops) -Dale Moore <u>Ford Island, Oahu –</u> <u>Deactivation</u> -Harry Clancy (TL) -Milt Heflin</p>	<p><u>Ascension</u> -Ron Simantel <u>Kindley AFB,</u> <u>Bermuda</u> -Rich Blakley -Rick Coblentz -Tom Holt (TL) <u>Hickham AFB, Oahu</u> -Paul Chaput (C130-EOM) -Bill Chase (C130-EOM) -Leroy Penn (C5A-MQF Comm Interfaces; C130-EOM) <u>Lajes AFB, Azores</u> -Ron Simantel -F.T. Mabley</p>	<p><u>PRS – CVS Hornet</u> <u>TL</u> -Doc Stullken (Ops Integration) -John Stonesifer (Quarantine Ops) <u>HDC/CIC</u> -Mel Richmond (TL) -Bob Walker <u>Helo Ops</u> -Ed Petrash <u>CM Retrieval</u> -W.B. Wood <u>Post Retrieval Ops</u> -Frank Janes -W.B. Wood (TL) <u>Mobile Quarantine Facility (MQF)</u> -Rod Bass -Mike Collins -Ralph Culbertson -John Hirasaki (Inside) -Carl Koontz -Dave Peterson -Randy Stone <u>TM</u> -Fred Sponholz <u>SRS-1</u> -Lane Brown <u>SRS-2</u> -Dave Peterson <u>SRS-3 (AOL)</u> -J.W. Williams <u>SRS-4 (Mid Pac) –</u> <u>DD Carpenter</u></p>	<p><u>Crew</u> - Neil Armstrong - Mike Collins - Buzz Aldrin <u>Landing</u> - Pacific 13d 19m N 169d 9m W <u>Other Ships</u> <u>Supporting NASA</u> LPD Arlington DDG Goldsborough AO Hassayampa DD New LSV Ozark ATF Salinan</p>
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					-Andy Anderson	
Apollo 12 (AS-507) 11/14/69 -- 11/24/69	Recovery Coord - - Doc Stullken (T1) - Ed Bullock (T3) - Tom Holt (T2) Asst Recovery Coord/Evaluator - Rich Blakley (T2) - Gary Robinson (T3) - Dick Snyder (T1) Logistics - - Milt Heflin (T1) Status Monitor – - Jim Larey (T1)	<u>Kunia, Oahu</u> (CTF130) - John Hoover (TL) <u>Norfolk, VA</u> (CTF-140) - Mel Richmond <u>Albrook AFB,</u> <u>Panama</u> - L.D. Roberts <u>Ramstein AFB,</u> <u>Germany</u> - Chuck Filley	<u>KSC Launch Support</u> - Rip Kirby - C. Mac Jones (Jammed Hatch) - K.N. Kuhlenschmidt <u>MQF/Crew Return to Houston (via C5A)</u> - Leroy Penn <u>Ford Island, Oahu – Deactivation</u> - Harry Clancy (TL) - C. Mac Jones - Paul Kruppenbacher <u>CM Return To North American Aviation, Long Beach (via C-133B)</u> - C. Mac Jones	<u>Ascension</u> - Rick Coblenz (flight aborts) <u>Kindley AFB, Bermuda</u> - J.W. Williams <u>Hickham AFB, Oahu</u> - John Haughton - Bill Middleton (TL) <u>Lajes AFB, Azores</u> - Rick Coblenz (Pre-Flight: bore-sight A/C; crew briefs) <u>Pease AFB, NH</u> - Ron Epps (Mode III Aborts) - Ed Petrash (flight aborts)	- Andy Anderson <u>PRS – CVS Hornet</u> TL - John Stonesifer HDC/CIC - Sherry Berthiaume - Dave Peterson CM Retrieval; Swim/Helo Ops - Andy Anderson - Ron Simantel Mobile Quarantine Facility (MQF) - Ralph Culbertson - John Hirasaki - Frank Janes - Leroy Penn (MQF/ship comm interfaces) - Randy Stone (Inside MQF w/crew) Post Retrieval Ops - Ron Simantel TM - Fred Sponholz <u>SRS-1 DD Hawkins</u> - Arnie Kilpatrick <u>SRS-2 (South Lant)</u> <u>LPD Austin</u> - Bob Walker <u>SRS-3 DDG Joseph J. Strauss</u> - W.B. Wood	Crew - Pete Conrad - Richard Gordon - Alan Bean Landing - Pacific 15d 46.6m S 165d 09m W Other Ships Supporting NASA ARS Escape

<p>Apollo 13 (AS-508) 4/11/70 -- 4/17/70</p>	<p>Recovery Coord - -Sherry Berthiaume (T3) -Ed Bullock (T2) -John Hoover (T1) Asst Recovery Coord/Evaluator - -Rich Blakley (T1) -Gary Robinson (T2) -Bob Walker (T3) Logistics - -Ron Simantel Status Monitor – -Gordon Hrabal</p>	<p><u>Kunia, Oahu (CTF130)</u> -Tom Holt (TL) -Jim Brandenburg -J.W. Williams</p> <p><u>Norfolk, VA (CTF-140)</u> -W.B. Wood -Dave Peterson (Launch Aborts)</p> <p><u>Ramstein AFB, Germany</u> --Rod Bass</p>	<p><u>KSC Launch Support</u> -Doc Stullken -C. Mac Jones (Jammed Hatch) -K.N. Kuhlenschmidt</p> <p><u>Ford Island, Oahu – Deactivation</u> -Harry Clancy -Milt Heflin (TL-OJT)</p> <p><u>CM Custodian for Return To North American Aviation, Long Beach</u> - Paul Kruppenbacher</p>	<p><u>Ascension</u> -Dale Moore</p> <p><u>Hickham AFB, Oahu</u> -Ed Petrash (TL) -Don Morris</p> <p><u>Lajes AFB, Azores</u> -Bill Chase</p> <p><u>McCoy AFB, FL</u> -John Haughton -Dave Peterson</p> <p><u>Pease AFB, NH</u> -Arnie Kilpatrick</p>	<p><u>PRS – LPH Iwo Jima TL</u> -Chuck Filley Assistant TL -Rip Kirby HDC/CIC -Mel Richmond -Dick Snyder CM Engineer -Ralph Culbertson CM Retrieval; Swim/Helo Ops -Andy Anderson -Frank Breshears Mobile Quarantine Facility (MQF) -Frank Janes -Randy Stone Post Retrieval Ops -Frank Janes -Paul Kruppenbacher ----- <u>SRS-1 (East Lant)</u> <u>DD New</u> -Jim Larey</p>	<p>Crew - Jim Lovell - Jack Swigert - Fred Haise Landing - Pacific 21d 38m 24s S 165d 21m 42s W</p> <p>Other Ships Supporting NASA DDG Benjamin Stoddert DD Bordelon ARS Escape DD Forest Royal YAG Granville S. Hall AO Kasashiwi DD William C. Lawe</p>
<p>Apollo 14 (AS-509)</p>	<p>Recovery Coord - -John Hoover (T1)</p>	<p><u>Kunia, Oahu (CTF130)</u></p>	<p><u>KSC Launch Support</u> -Andy Anderson</p>	<p><u>Ascension –</u> -Ron Simantel</p>	<p><u>PRS – LPH New Orleans</u></p>	<p>Crew - Alan Shepard</p>

<p>1/31/71 – 2/9/71</p>	<p>-Mel Richmond (T2) -Fred Sponholz (T3) Asst Recovery Coord/ Evaluator - -Dave Peterson (T3) -Bob Walker (T2) -W.B. Wood (T1) Logistics - -Tom Runner Status Monitor – -Arnie Kilpatrick</p>	<p>-Doc Stullken (TL) -Mike Collins -Jim Williams <u>Norfolk, VA</u> <u>(CTF-140)</u> -Dick Snyder <u>Ramstein AFB,</u> <u>Germany</u> -Royce McKinney</p>	<p>-Larry Bell -C. Mac Jones (Jammed Hatch) -Rip Kirby <u>MQF/Crew Comm</u> <u>Interface & Return</u> <u>to Houston (via</u> <u>C141)</u> -Rick Coblentz <u>Ellington Field</u> -Leroy Penn (MQF comm for crew return reception) <u>Ford Island, Oahu</u> <u>– Deactivation</u> -Milt Heflin (TL) -Paul Kruppenbacher</p>	<p><u>Hickam AFB, Oahu</u> -Gordon Hrabal (TL) -Don Morris <u>Lajes AFB, Azores</u> -Ken Kuhlenschmidt <u>McCoy AFB, FL -</u> -Millard Pettit <u>Pease AFB, NH-</u> -Al Ong</p>	<p>TL -Chuck Filley HDC/CIC -Rich Blakley -Grady Henderson Deck & Swimmer Ops -Jim Larey Helo/ Location Equip Ops -Bill Middleton -Ed Petrash Mobile Quarantine Facility (MQF) -Randy Stone (TL) -Rick Coblentz (Comm Sys on PRS & Return) -Ralph Culbertson (Inside) -John Hirasaki Post-Retrieval Ops -Frank Janes TM -Gus McCown ----- <u>SRS-1 (East Lant)</u> <u>AO Ponchatoula</u> -Ed O’Briant <u>SRS-2 (South Lant)</u> <u>LSD Spiegel Grove</u> -Ron Epps <u>SRS-3</u> -Jim Williams</p>	<p>- Stuart Roosa - Ed Mitchell Landing - Pacific 27d 1m S 172d 39m W Other Ships Supporting NASA DD Carpenter DD Hawkins ATF Paiute</p>

<p>Apollo 15 (AS-510) 7/26/71 -- 8/7/71</p>	<p>Recovery Coord - -Chuck Filley (T1) -Dick Snyder (T2) -Fred Sponholz (T3) Asst Recovery Coord/Evaluator -Lamar Flanagan (T2) -Millard Pettit (T1) -George Richeson (T3) Logistics -Ed O'Briant Evaluator/Status Monitor – -John Hamlin</p>	<p><u>Kunia, Oahu</u> <u>(CTF130)</u> -Mel Richmond (TL) -Al Ong -Tom Holt -Jerry Hammack <u>Norfolk, VA</u> <u>(CTF-140)</u> -Arnie Kilpatrick</p>	<p><u>KSC Launch Support</u> -Andy Anderson (TL) -Ken Kuhlenschmidt -Milt Heflin (Jammed Hatch) <u>North Island, San Diego – Deactivation</u> -C. Mac Jones -Orval Henson <u>CM Transport From North Island To North American Aviation, Downey (via Caravan)</u> -C. Mac Jones</p>	<p><u>Eglin AFB, FL</u> -Paul Chaput <u>Hickham AFB, Oahu</u> -Mike Collins (TL) -John Haughton <u>Lajes AFB, Azores</u> -Dave Peterson <u>Pease AFB, NH</u> -Ron Epps <u>Ramstein AFB, Germany</u> -Rip Kirby</p>	<p><u>PRS- LPH Okinawa TL</u> -Doc Stullken <u>Asst TL</u> -W.B. Wood <u>HDC/CIC</u> -John Hoover <u>Helo/Deck Ops</u> -Ed Petrash -Ron Simantel <u>CM Engineer</u> -Ralph Culbertson <u>Post Retrieval Ops</u> -Frank Janes (TL) -Ron Simantel -W.B. Wood ----- <u>Salvage Ship (West Lant-LA & Sonic Boom Study) ATF Salinen</u> -Randy Stone <u>SRS-1 (West Lant-LA & Sonic Boom Study) LPD Austin</u> -Jim Larey <u>SRS-2 (Up track from PRS for Sonic Boom Study) AO Kawishiwi</u> -Larry Schmitt <u>SRS-3 (Up track from PRS for Sonic Boom Study) AO Gennessee</u> -Royce McKinney</p>	<p><u>Crew</u> - Dave Scott - Jim Irwin - Al Warden <u>Landing</u> -Pacific 26d 7m N 158d 8m W</p>
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<p>Apollo 16 (AS-511) 4/16/72 -- 4/27/72</p>	<p>Recovery Coord - -Doc Stullken (T1) -Sherry Berthiaume (T2) -Fred Sponholz (T3) Asst Recovery Cord/Evaluator - -Dick Snyder (T1 ARC) -Arnie Kilpatrick (T1 Eval) -W.B. Wood (T1) -Dave Peterson (T2) -Ralph Culbertson (T3) Logistics/Status Monitor -Ed O'Briant (T1) Evaluator/Status Monitor - -Andy Anderson (T2)</p>	<p><u>Kunia, Oahu (CTF130)</u> -John Hoover (TL) Orval Henson <u>Norfolk, VA (CTF-140)</u> -Jim Larey <u>Ramstein, AFB, Germany</u> -Mel Richmond</p>	<p><u>KSC Launch Support</u> -Andy Anderson (TL) -Dave Peterson (Launch Recovery) <u>North Island, San Diego - Deactivation</u> -W.B. Wood</p>	<p><u>Ascension/ Woodbridge AFB, England</u> -Millard Pettit <u>Eglin AFB, FL/Pease AFB, NH</u> -Arnie Kilpatrick <u>Hickham AFB, Oahu (Contingency Landings)</u> -Ed Petrash <u>Pago Pago, American Samoa (End-Of-Mission)</u> -Ed Petrash</p>	<p>PRS – CVS Ticonderoga TL -Chuck Filley Asst TL/CIC -Paul Chaput Deck Ops -Milt Heflin Post Retrieval Ops -Frank Janes ----- <u>SRS-1 (Mid Pac)</u> -Orval Henson</p>	<p>Crew - John Young - Ken Mattingly - Charlie Duke Landing - Pacific 00d 42m S 156d 12m 49s W Other Ships Supporting NASA MSO Alacrity MSO Exploit DDG Goldsborough ARS Opportune AO Ponchatoula</p>
<p>Apollo 17 (AS-512) 12/7/72 -- 12/19/72</p>	<p>Recovery Coord - -Dick Snyder (T1) -Paul Chaput (T2) -Sherry Berthiaume -Paul Chaput -Bill Gatlin -John Hoover (T3) Asst Recovery Cord/Evaluator -Bill Gatlin (T1) -John Temple (T2) -Millard Pettit (T3) Logistics - -Ed O'Briant (T1)</p>	<p><u>Kunia, Oahu (CTF130)</u> -Jim Larey</p>			<p>PRS – CVS Ticonderoga TL -Doc Stullken Deputy TL -Mel Richmond HDC/CIC -Dave Peterson Deck Ops -Jim Larey(Training Cruise) -Milt Heflin (Flight) Post Retrieval Ops -Frank Janes Helo/UDT Ops & Experiments -Ralph Culbertson Skylab Mobile Lab (SML) – Test Flight</p>	<p>Crew - Gene Cernan - Harrison Schmitt - Ron Evans Landing - Pacific 17d 53m S 166d 7m W Other Ships Supporting NASA AOE Camden ARS Recovery CVE Saginaw</p>

					-Orval Henson	
Skylab 1/2 5/25/73 -- 6/22/73	Recovery Officer - -Dick Snyder (TL/T1) -Paul Chaput (T1) -Millard Pettit (T3/T2) -Bill Gatlin (T2/T3) -Orval Henson (T3) -Jim Larey (T3) -John Temple (T1/T2/T3) Logistics - -Ed O'Briant (T1)			Gander AFB, Newfoundland -Milt Heflin Loring AFB, Maine -Dave Peterson	PRS – CVS Ticonderoga TL -Mel Richmond Ops/CIC/Comm -Dave Peterson Helo/Swim/ Retrieval Ops -Milt Heflin Post Retrieval/ Experiment Ops -Frank Janes -Ralph Culbertson Skylab Mobile Lab (SML) -Orval Henson ----- LA (East Lant) ARS Grapple -Jim Larey	Crew - Pete Conrad - Paul Weitz - Joe Kerwin Landing - Pacific 24d 45m N 127d 2m W Other Ships Supporting NASA ARS Escape

Skylab 1/3 7/28/73 – 9/25/73	Recovery Officer - -Dick Snyder (TL/T1) -Paul Chaput (T1) -Millard Pettit (T1/T3) -Bill Gatlin (T1) -Orval Henson (T1) -Jim Larey (T1/T2) -Dave Peterson (T1/T3) -John Temple (T3) Logistics - -Ed O'Briant (T1) -Dick Snyder (T1)			Pease AFB, NH -Dave Peterson	PRS - LPH New Orleans TL -Mel Richmond Helo/Swim/ Retrieval Ops -Milt Heflin Post Retrieval/ Experiment Ops -Frank Janes -Ralph Culbertson Skylab Mobile Lab (SML) --Orval Henson	Crew - Alan Bean - Jack Lousma - Owen Garriott Landing -Pacific 30d 47m N 120d 29m W Other Ships Supporting NASA ARS Escape ARS Grapple
Skylab 1/4 11/16/73 -- 2/8/74	Recovery Officer - -Dick Snyder (TL/T1) -Paul Chaput (T1) -Bill Gatlin (T1) -Orval Henson (T2) -Dave Peterson (T1/T3) -Millard Pettit (T1) -Jim Larey (T2) Logistics - -Ed O'Briant (T1) -Dick Snyder (T1)	Kunia, Oahu (CTF130) 11/4-21 -Ralph Culbertson 11/20-12/6 -Ed O'Briant 12/5-21 -Jim Larey 12/20-PRS Arr -Doc Stullken		Pease AFB, NH -Jim Larey	PRS – LPH New Orleans TL -Mel Richmond Ops/CIC/Comm - Bill Gatlin Helo/Swim/ Retrieval Ops -Milt Heflin Post Retrieval/ Experiment Ops -Frank Janes (TL) -Ralph Culbertson Skylab Mobile Lab (SML) --Orval Henson	Crew - Bill Pogue - Gerald Carr - Ed Gibson Landing -Pacific 31d 18m N 119d 48m W Other Ships Supporting NASA ARS Opportune

ASTP 7/15/75 -- 7/24/75	Recovery Officer - -Dick Snyder (T1) -Millard Pettit (T1) -Paul Chaput (T2) -Jim Larey (T3) Logistics - -Ed O'Briant (T1) -Dick Snyder (T1)	Kunia, Oahu (CTF130) -Mel Richmond (TL) -Ralph Culbertson		Hickham AFB, Oahu -Ralph Culbertson Pease AFB, NH -Jim Larey	PRS – LPH New Orleans TL -Doc Stullken Ops/CIC/Comm -Bill Gatlin Helo/Swim/ Retrieval Ops -Milt Heflin Post Retrieval Ops -Frank Janes (TL) -Milt Heflin -Orval Henson Skylab Mobile Lab (SML) -Orval Henson	Crew - Tom Stafford - Vance Brand - Deke Slayton Landing - Pacific 21d 52m N 162d 45mW

Last Updated: 5/6/16

Acronyms & Abbreviations:

- A/C – Aircraft
- AFB – Air Force Base
- ARIA – Advanced Range Instrumentation Aircraft
- ARRS – Air Rescue and Recovery Service
- AS – Apollo/Saturn
- ASTP – Apollo/Soyuz Test Project
- Asst – Assistant
- CM – Command Module
- Coord – Coordinator
- CTF-130 – Command Task Force 130 (Pacific Fleet)—Kunia, HA
- CTF-140 – Command Task Force 140 (Atlantic Fleet) – Norfolk, VA
- ECLS – Environmental Control & Life Support Systems
- EOM – End-of-Mission support
- HDC/CIC – Helo Detection Center/ Command Information Center
- LA – Launch Abort (an SRS specifically supporting LAs only)
- Lant - Atlantic
- LM – Lunar Module
- Ops - Operations
- PAC - Pacific
- PRS – Primary Recovery Ship
- RCC – Recovery Control Center
- ROCR – Recovery Operations Control Room (in Mission Control Center)
- SLA – Secondary Landing Area
- SRS – Secondary Recovery Ship
- TL – Team Lead
- TM – Team Member

- JSC – Johnson Space Center
- KSC – Kennedy Space Center