10/12 - Adjusted departure day, moved port day from front end of Lyle cruise to unloading days. Moved one day from Tivey Suva stop prior to transit from Papeete to allow sufficient time for Jason onload and Easter Holiday. Made Lau Basin port changes.


2/1 - shift Nicholson cruise one day later....

2/10 - shift Nicholson later and end port in Seattle.

6/13 - departed one day late on Childress' cruise due to injury of Jason pilot while in Suva.

6/20 - Added a cruise for Constable in August.

6/30 - adjusted Childress' early arrive, and shifted port day in Honolulu.

9/16 - add 3 days for NOAA-DART tsunami mooring repair and installation.

<table>
<thead>
<tr>
<th>CRUISE MAP INDEX/AREA/</th>
<th>P.I./INSTITUTION/</th>
<th>PORTS</th>
<th>STATUS/</th>
<th>CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 DEC NP12/Off Hawaii/</td>
<td>Laske, G./SIO/</td>
<td>San Diego</td>
<td>27/NSF/F</td>
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<tr>
<td>25 JAN OBS deployment</td>
<td>OCE 0002470</td>
<td>Honolulu</td>
<td></td>
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<tr>
<td>21 MAR MCS, piston cores</td>
<td>OCE/ODP 0240906</td>
<td>Papeete</td>
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<tr>
<td>07 MAY SP5/22S-50S, 144W-162/ Lyle, M./Boise SU/ Papeete</td>
<td>Fr.</td>
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<tr>
<td>22, 23, 24 Polynesia</td>
<td>35 days of sci.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>5 port,</td>
<td></td>
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</tbody>
</table>
1.5 arr/dep
plus transit 4;
---------

25
26 MAR SP4// transit/n.a. Papeete 8/NSF/F
02 APR transit n.a. Nuku'alofa
1468 nm; 5.2 transit days, 1.5 arr/dep, 1 port=8 days.
cross date line, lose one day
on-load JASON II,
---------

3, 4
05 APR SP2/Lau Basin/ Tivey, M./WHOI/ Nuku'alofa 40/NSF/F
11 MAY JASON II, MOCNESS,CTD OCE 0241796 Suva Tonga,
12
32 science, 5 port, 1.5 arr/dep
plus one day of DSL engineering tests on 5 Apr.
Intermediate port stop in Nuku'alofa on arrive 8th May Tonga 0800-1600???
depart 9th May Tonga before sunset (6:13 pm)
416 nm from Nuku'alofa to Suva.
---------

13,14
15 MAY SP1/Lau Basin/ Vrijenhoek, R./ MBARI/OCE 0241613 at Sea Tonga,
02 JUN Biology, JASON II Suva 21/NSF/F
02 JUN day at Lau/Jason II nd Mar/OCE 0350554 Suva Fiji
18 sci plus arr/depart 1.5 plus 4 port (Vrijenhoek/VanDover combo)
---------

03 JUN SP6/2days at Fiji, 1 Van Dover, C./Wm a at sea 3/NSF/F
03 JUN day at Lau/Jason II nd Mar/OCE 0350554 Suva Fiji
4,5
add on to the Vrijenhoek
---------

6,7,8
09 JUN SP1/Lau Basin/ Childress, J./ Suva 25/NSF/F
29 JUN JASON II UCSB/OCE 0240982 Suva Tonga,
30
01 JUL NP9// transit/n.a. Suva 14/NSF/F
11 JUL transit n.a. Honolulu
12,13
2776 nm
cross date line, gain a day; moved one port from Suva to Honolulu to unload
Jason, etc.
---------

14
15 JUL NP12/Hawaiian Islands/ Karl, D./UH/ Honolulu 7/NSF/F
19 JUL HOTS OCE 0326616 Honolulu
20
Note: USCG inspection scheduled 19-23 July in Honolulu
---------

21,22
23 JUL NP12/Off Hawaii/ Weller, R./WHOI/ Honolulu 10/NOAA/F
30 JUL Mooring deployment NOAA Honolulu
2 mobe days, 8 science days, 1 de-mobe day. Surface mooring.
31 JUL  NP9/North Pacific/ transit NOAA Honolulu 9/NOAA/F
transit to be paid by NOAA for cancellation of DART cruise.

10 AUG  NP9/Off San Diego/ Constable, S./SIO/ San Diego 2/STATE/F

11 AUG  Testing Marine EM tran DO San Diego
.680 coax required; Plan to install FLIP winch with 4 km of 0.680


30 AUG  Climate History, pisto UCSB/OCE 0350573 Seattle
NP9/transit to Seattl/ n.a./n.a./ 3.5/NOAA/F
to position for Hickey n.a.
Personnel transfer outside Santa Barbara 26 August.
NSF to pay for 30% of the transit

31,1
02 SEP  NP9/47-49W,1214-127W/ Hickey, B./UW/ Seattle 23/NOAA/F
22 SEP  ECOHAB NOAA Seattle Canada
21 sci, 2 port

23 SEP  NP9// transit/n.a./ Seattle 5/NOAA/F
30 SEP  transnit Off Oregon and CA/ McArthur, S./
NP9/DART Mooring NOAA-NDBC/NOAA
San Diego 3/NOAA/F
Depart Seattle when loading is complete. To arrive by noon in San Diego.

01 OCT  NP9/off San Diego/ Franks, P./SIO/ San Diego 1/STATE/F
01 OCT  student training UC Ship Funds San Diego

02 OCT  NP9/San Diego Trough/ Levin, L./SIO/ San Diego 1/STATE/F
02 OCT  class training UC Ship Funds San Diego

<table>
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<tr>
<th>Agency</th>
<th>Funded</th>
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<tr>
<td>TOTAL</td>
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