R/V New_Horizon 2005 FINAL Schedule

=======================================================================
10/19 - Add Zumberge BP cruises.
11/2 shifted Smith days
12/3- added 1 weather day for January Calcofi-SKOOS
12/27- adjusted Prahl dates.
1/7-moved Prahl summer cruise two days later
redistributed 4 days of Ohman to CalCOFI Apr/Jul/Nov

1/11- one day delay to Berelson/Hammond Cruise in May
3/5 added Worcester mooring repair cruise, delayed Rudnick, California
Current and Zumberge.

4/11- Rudnick cruise, in one day early.

5/3- Zumberge- one day delay
5/5 - Zumberge 5 day delay.

5/10-Zumberge delay
5/11-Zumberge delay
5/12- Zumberge defer indefinitely
8/4 July Calcofi came in 2 days early made adjustments

8/19- Added Spawar cruise
8/24-Adjusted Prahl dates, and Ohman profiler test charge day.
8/25-Adjusted Gaherty cruise, reduce by 5 days.
9/12- delayed Gaherty cruise; 4 days later
9/29 - rescheduled Zumberge testing for 1-2 December
10/21- added 4 days for SPAWAR
10/24 - Arrival 5 days earlier on Gaherty NSF cruise.
=======================================================================

<table>
<thead>
<tr>
<th>CRUISE</th>
<th>MAP INDEX/AREA/</th>
<th>P.I./INSTITUTION/</th>
<th>PORTS</th>
<th>DAYS/AGENCY/</th>
<th>PURPOSE</th>
<th>PROPOSAL NO.</th>
<th>STATUS/</th>
<th>CLEARANCE</th>
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<tbody>
<tr>
<td>04 JAN</td>
<td>NP9/Off California</td>
<td>Hildebrand, J./SI</td>
<td>San Diego</td>
<td>16/NAVY/F</td>
<td>NP9/Off California</td>
<td>Hildebrand, J./SI</td>
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<td>Mexico</td>
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<tr>
<td>20 JAN</td>
<td>Coa/California Current N000-14-01-D-0043, San Diego</td>
<td>Goericke, R./SIO</td>
<td>San Diego</td>
<td>1/Other/F</td>
<td>Coa/California Current SCOOS</td>
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This cruise replaces one of two California Current cruises normally carried out
on the Jordan in winter Jan-Feb and Spring Apr-May.

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<td>25 JAN</td>
<td>NP13/28 N 111 W/</td>
<td>Prahl, F./OSU</td>
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<td>CTD work</td>
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<td>09 FEB</td>
<td>CTD work</td>
<td>OCE 0326573</td>
<td>San Diego</td>
<td>13/NSF/F</td>
<td>6 days on site off Guaymas, plus 9 days transit, 1 arr/dep</td>
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<td>17 FEB</td>
<td>NP9/34o50'N,123oW/</td>
<td>Smith, K./SIO</td>
<td>San Diego</td>
<td>13/NSF/F</td>
<td>6 days on site off Guaymas, plus 9 days transit, 1 arr/dep</td>
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</table>
01 MAR  Biological Oceanograph OCE 0242472        San Diego
10 science, 3 transit

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05 MAR  NP9/NPAL mooring site/ Worcerster, P. / San Diego 15/NAVY/F
19 MAR  NPAL moorings repair SIO/N000        San Diego
20 MAR  NP9/NPAL mooring site/ Rudnick, D. /SIO/ San Diego 22/NAVY/F
10 APR  Seasoar around NPAL mo N00014-03-1-0838 San Diego
15 APR  NP9/Off San Diego/ Ohman, M. /SIO/ San Diego 1/NSF/F
15 APR  LTER OCE 0417616 at sea

16 APR  NP9/Off California Co/ Hildebrand, J. /SI/ at sea 16/NAVY/F
01 MAY  California Current cru N000-14-01-D-0043, San Diego
This cruise replaces one of two California Current cruises normally carried out
on Jordan in winter Jan-Feb and Spring Apr-May.
At this point overlap with Hildebrand cruise on Sproul not a problem.

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17 MAY  NP9/Off So. Cal./ Berelson, W. /USC/ San Diego 10/NSF/F
28 MAY  Chem. Ocean. OCE 0433322 San Diego
/Off So. Cal/ Berelson, W. /USC/ OCE 0351169
Chem Ocean. Intermediate stops in San Pedro
7 sci + 2, plus 186 NM RT SD-LA = 1, 2 loading/unloading in San Pedro

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01 JUN  NP9/Off San Diego/ Frank, T. /Harbor San Diego 11/NSF/F
11 JUN  Biological Oceanograph Branch/IBN 0343871 San Diego
San Clemente Basin, starting trawls once we get past
> 1000 m of water depth.
May after the 6th works for this cruise

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15 JUN  NP9/MARS, Station M/ Smith, K. /SIO/ San Diego 13/NSF/F
27 JUN  Biological Oceanograph OCE 0242472 San Diego
10 science, 3 transit

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01 JUL  NP9/Calif. Coast/ Venrick, E. /SIO/ San Diego 16/NOAA/F
16 JUL  Calif. Current NOAA at sea
Used one day less than budgeted.

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17 JUL  NP9/Off San Diego/ Ohman, M. /SIO/ at sea 1/NSF/F
17 JUL  LTER OCE 0417616 San Diego
23 JUL  NP13/28 N 111 W/ Prahl, F. /OSU/ San Diego 21/NSF/F
12 AUG  CTD work OCE 0326573 San Diego Mexico
12 days on site off Guaymas

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17 AUG  NP9/ Cowles, T. /OSU/ San Diego 25/NAVY/F
10 SEP  plankton studies N00014-01-1-0277 San Diego
Two ship op with McManus

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20 SEP  NP9/33N 117W/ Babcock, J. /SIO/ San Diego 4/NSF/F
23 SEP  OBS-equipment testing OCE 9907905 San Diego
Installation of the Moving Vessel Profiler

12 OCT NP13/Gulf of Gaherty, J./LDEO/ San Diego 13/NSF/F
24 OCT California/OBS's OCE 0436411 San Diego Mexico
3 science plus 9 transit plus 1 arr/dep
SIO BB OBS
Intermediate personnel transfers in Pichilingue dates 10/15 & Oct. 20

04 NOV NP9/Calif. Coast/ Venrick, E./SIO/ San Diego 17/NOAA/F
20 NOV Calif. Current NOAA at sea
21 NOV NP9/Off San Diego/ Ohman, M./SIO/ at sea 1/NSF/F
21 NOV LTER OCE 0417616 San Diego
01 DEC NP9/Off San Diego/ Zumberge, M./SIO/ San Diego 2/PRV/F
02 DEC deep tow BP San Diego
Marfac and Scientific load out 28, 29 and 30th.

04 DEC NP9/Off San Diego/ Rogers, K./ San Diego 2/NAVY/F
05 DEC deploy intruments SPAWARSYSCEN/P.O. San Diego
8 Midnight departure, 1600 arrival

9
12 DEC NP9/Off San Clement/ Fletcher, B./ San Diego 5/NAVY/F
16 DEC ABE testing Spawar/ONR San Diego
19

19
20 DEC NP9/Off San Diego/ Rogers, K./ San Diego 1/NAVY/F
20 DEC deploy intruments SPAWARSYSCEN/P.O. San Diego
21

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