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R/V Melville 2007

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2-2 Melville to arrive Wellington one day later due to additional testing to take place on transit from Brisbane.
 3/22- adjusted Melville's post-shipyard schedule
 11/19- Changed port days in Kao-hsiung due to McEachern's early arrival.

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| CRUISE DATES | MAP INDEX/AREA/PURPOSE | P.I./INSTITUTION/PROPOSAL NO. | PORTS | DAYS/AGENCY/STATUS/CLEARANCE |
|-------------------------------|------------------------|--------------------------------|-------------|------------------------------------|
| 01 JAN | SP1// | NA// | Brisbane, A | 31(Non-Op)/ |
| 31 JAN | drydocking | | Brisbane | Other/P |
| 1,2 | | | | |
| 03 FEB | SP4// | transit/n.a./ | Brisbane | 8/NSF/F |
| 09 FEB | transit | OCE | Wellington | |
| 1452 NM | | | | |
| 0800 departure | | | | |
| 09 FEB | SP5/15-40S/ | Gee, J. /SIO/ | Wellington | 35/NSF/F |
| 12 MAR | unmanned aerial glider | OCE0452610 | Pago Pago | New Zealand, Niue and Cook Islands |
| 13,14 | | | | |
| Cross date line gain one day. | | | | |
| 15 MAR | NP10/to start Luzon | n.a./n.a./ | Pago Pago | 18/NAVY/F |
| 02 APR | Strait work/transit | N000 | Kao-hsiung | |
| cross date line lose one day. | | | | |
| 03 APR | NP10/Luzon Strait/ | Ramp, S. /NPS/ | Kao-hsiung | 8/NAVY/F |

09 APR Mooring deployment N0001407WR20186 Kao-hsiung
10 Philippines,
Taiwan

10th ISM code requirements

11,12
13 APR NP10/Kuroshio/ [Lee, C./UW/](#) Kao-hsiung 12/NAVY/F
21 APR glider deployment N00014-06-1-0751 Kao-hsiung
22 Philippines,
Taiwan

8 days total plus port per C. Lee
Possible CG inspection between Lee and transit

23 APR NP7/to start Lee/ [n.a./n.a./](#) Kao-hsiung 7/NAVY/F
28 APR transit N000 Yokohama
29

Early departure from Kao-hsiung or late arrival in Yokohama.
Kao-hsiung pilot station to Yokohama pilot station distance: 1402.6nm
1402.6 nm / 11kts = 127.5 hours
1402.6 nm / 12kts = 116.9 hours

Taiwan is -8 Z.D
Japan is -9 Z.D
Melville will lose one hour in transit.

30,1
02 MAY NP7/Kurshio extension/ [Lee, C./UW/](#) Yokohama 26/NAVY/F
24 MAY AESOP N00014-05-1-0331 Yokohama Japan
25

Japanese Holidays that may affect port call

4/29/2007 Greenery Day (Midori-no-hi);
5/3/2007 Constitution Memorial Day (Kenpou-kinen-bi);
5/4/2007 Holiday for a Nation (Kokumin-no-kyujitsu);
5/5/2007 Children's Day (Kodomo-no-hi);

23 science days plus 3 port days;

26 MAY NP10/transit to start [n.a./n.a./](#) Yokohama 9/NAVY/F
03 JUN Gordon/ n.a. Manila
Intermediate stop in Kaohsiung to transfer Plant's radar from OR1 to Melville
31 May 2007.

4,5

06 JUN NP10/Luzon [Gordon, A./LDEO/](#) Manila 31/NAVY/F
 03 JUL Strait/South/CTD/LADCP N00014-06-1-0689 Manila
 04 Philippines
 28 plus a/d days at sea plus port, increased science days per A. Gordon's email
 10 December.

Must plan for a personnel drop possibly in Cebu 19 June.
 Depart 0800 6 June, alternate plan to depart the afternoon of the 5th,
 depending on the time needed in Kao-shiung.

 05 JUL NP10// n.a./n.a./ Manila 3/NAVY/F
 07 JUL transit n.a. Kao-hsiung

8

09 JUL NP10// [Farmer, Ramp/URI/N](#) Kao-hsiung 8/NAVY/F
 15 JUL PIES turn-around [PS/N0001407WR20186](#) Kao-hsiung
 Steve Ramp will serve as chief scientist.

16,17

18 JUL NP10/international wa/ [Lee, C./UW/](#) Kao-hsiung 14/NAVY/F
 28 JUL glider recovery and re ONR Kao-hsiung
 29 Philippines,
 Taiwan

Shaun Johnston/SIO will serve as chief scientist.

 30 JUL NP12/to Shipyard/ n.a./n.a./ Kao-hsiung 4(Non-Op)/
 02 AUG Thruster overhaul n.a. Sasebo NAVY/P
 03 AUG /Sasebo/ n.a./n.a./ Sasebo 70(Non-Op)/
 11 OCT Drydock/thruster overh n.a. Sasebo NAVY/P
 12 OCT NP12/to op area/ n.a./n.a./ Sasebo 4(Non-Op)/
 16 OCT transit n.a. Kao-hsiung NAVY/P
 morning departure, 0800 arrival

16

17 OCT NP10/off Taiwan/ [Farmer, D./URI/](#) Kao-hsiung 6/NAVY/F
 21 OCT PIES Recovery [N0001407WR20186](#) Kao-hsiung
 Philippines,
 Taiwan

Instrument recovery-Erran Sousa will be Chief Scientist.

22,23

24 OCT NP10/international wa/ [Lee, C./UW/](#) Kao-hsiung 14/NAVY/F
 03 NOV glider recovery and re N00014-06-1-0751 Kao-hsiung
 04 Philippines, Taiwan, Japan

Dan Rudnick may be chief sci.

5,6
 07 NOV NP12/Philippine Sea/ [McEachern, J./](#) Kao-hsiung 21/NAVY/F
 16 NOV deploy/recover array Navy/N000 Kao-hsiung Japan
 17,18,19,20,21,22,23,24,25
 transit 3, science 13, a/d 1.5, port 3

26
 27 NOV NP10/Luzon/ [Flament, P./](#) Kao-hsiung 4/NAVY/F
 29 NOV Joint Philippines/US o [UH/SOEST/N000](#) Manila
 Philippines

ETA Manila 1400

30 NOV NP10/Luzon/ [Flament, P./](#) Manila 32/NAVY/F
 04 JAN Joint Philippines/US o [UH/SOEST/N000](#) Manila
 5,6 Philippines

[Manila
 Arrive: 14:00, 29 Nov;
 Depart: 06:00, 30 Nov]

[Iloilo
 Arrive: 10:00, 18 Dec;
 Depart: 06:00, 19 Dec]

[Cebu
 Arrive: 06:00, 26 Dec
 Depart: 12:00, 26 Dec]

[Manila (de-mobilization);
 Arrive: 08:00, 04 Jan]

32 days in 07';
 6 days in 08'.

| Agency | Funded | Proposed | TOTAL |
|--------|--------|----------|-------|
| ----- | ----- | ----- | ----- |

| | | | |
|-------|-------|-------|-------|
| NAVY | 213.0 | 0.0 | 213.0 |
| NSF | 43.0 | 0.0 | 43.0 |
| ----- | ----- | ----- | ----- |
| TOTAL | 256.0 | 0.0 | 256.0 |