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R/V Thomas G. Thompson 2004 FINAL Schedule

17 FEB Rise/JASON/DSL-120 OCE-0137386 Papeete Chile
18, 19, 20

Scientists to join at Easter Island. Ship returns to Easter Is. on or about 9 Feb to transfer off any departing scientists. Eight days for transit to Papeete, Tahiti, followed by three days for de-mobe, fueling and provisioning.

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21 FEB SP1/West Pac/ tbd/tbd/ Papeete 8/NSF/F

01 MAR Transit/deliver equip. tbd Suva, Fiji

SP1/South Pacific/ Lake, B/PMEL/ 2/NOAA/F

CTD sampling tbd

Transit from Papeete (after Pockalny) to Suva to drop off DSL-120 system (for Lau Basin work), en-route to Marianas and Japan. Two days of NOAA-requested CTD work, en-route. After offloading NOAA personnel and equipment, the ship will resume transit toward Guam.

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02 MAR NP7/West Pac/ tbd/tbd/ Suva, Fiji 10/NOAA/F

11 MAR Transit tbd Agana, Guam

Re-position/transit from Suva, after dropping off DSL-120, to Guam for the ROV Urabe/Embley (NOAA) mission.

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12, 13, 14

15 MAR NP10/Marianas/ <u>Embley</u>/PMEL/ Guam 40/NOAA/F
18 APR Ring-of-Fire tbd. Yokohama Japan
NP10/Marianas/ <u>Urabe,T</u>/MEXT/ 0/NOAA/P

Ring-of-Fire tbd.

19, 20

Three days to mobilize ROV and science. Combined Embley & Urabe legs. (Urabe will be integrated into NOAA cruise time: to be arranged by NOAA and MEXT agency of Japan.) In port joint de-mobe of two days.

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21, 22, 23, 24

25 APR NP7/Japan/Kuroshio Watts, DR/URI/ Yokohama 43/NSF/F 02 JUN Current/KESS OCE-0221008 Yokohama Japan

2

Two KESS legs--this is the first

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Second KESS leg--15 days science days: the Chief Scientist for this leg is Nelson Hogg. 21 JUN NP7/Northern Pacific/ tbd/n/a/ Yokohama 8/NSF/F 06 JUL Transit/ARGO n/a Seattle NP7/Northern Pacific/ none/n/a/ 8/NAVY/F Transit n/a Re-position/transit from Japan (after Watts/Hogg) to Seattle for the Navy's ARDENT Program (Weingart.) (Vessel logistics and bunkering will take place on the 21st, before departure.) 14 JUL NP9/Puget Sound/WA Coa McDuff, R/UW/ Seattle 5/STATE/F 18 JUL st/Student Instruction 74-0369 Portland One day added to this cruise to allow for offshore station(s) en-route to Columbia River. M. Warner on-board Chief Scientist. 19 JUL NP9/North Pacific/ Weingart,J/ Portland 42/NAVY/F 29 AUG Transit to PacNW JHU/APL/tbd Portland U.S. Navy project (through CNO Office.) Total, with Mobe/De-Mobe = 42 days. 30, 31, 1, 2 03 SEP NP9/Puget Sound & JdF/ McDuff, R/UW/ Portland 14/STATE/F 16 SEP Student Instruction 74-0369 Seattle Canada NP9/Juan de Fuca/ Becker,K/Miami/ 3/NSF/F IODP/CORK OCE-0400471 17 Student Instruction/ROV -- at Juan de Fuca. (Transit from Portland on the 30th, and then ROPOS Mobe at Victoria, the 31st through 2nd, will be equitably shared between the three legs utilizing the vehicle. Total day count of 17 includes this share.) J. Delaney on-board Chief Scientist. (End port changed to Seattle--downtown pier--to accommodate fueling.) 18 19 SEP NP9/Juan de Fuca/ Embley,R/PMEL/ Seattle 17/NOAA/F 01 OCT NeMO tbd Newport Canada NeMO Cruise: On board Chief Scientist will be Bill Chadwick. (ROPOS Mobe/De-mobe at Victoria, will be equitably shared between the three legs utilizing the vehicle. The total day count of 17 includes this share.) Origin port changed to Seattle to accommodate fueling as per note above. There will also be intermediate stops at Newport for science logisitics. 04 OCT NP9/CA-OR-WA Coast/ 16/NOAA/F Clarke, E/NWFSC/ Newport 16 OCT NMFS Advanced Technol. tbd Seattle Canada 17, 18 Fisheries Research: ROV/AUV & Mapping. ROPOS Mobe/De-mobe at Victoria, will be equitably shared between the three legs utilizing the vehicle. NOAA personnel will be disembarked at Port Angeles on 16th and the vessel will clear across the Straits to Victoria. ROPOS will be de-mobed upon arrival, 10/17, and the ship will re-position to home port, Seattle, on the 18th. The total day count, 16, includes the equal share of mobe/de-mobe and transit days.)

Hogq,N/WHOI/

OCE-0221008

Yokohama

Yokohama

18/NSF/F

Japan

05 JUN NP7/Japan/Kuroshio

19 JUN Current/KESS

20

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22 OCT NP9/Puget Sound/ McDuff,R/UW/ Seattle 22/STATE/F 14 NOV Student Instruction 74-0369 Seattle

EM-300 Mapping and other collections.

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04 DEC NP9/Puget Sound/ McDuff,R/UW/ Seattle 4/STATE/F 07 DEC Student Instruction 74-0369 Seattle

PRISM stations. Dates moved to first week of December due to navigation locks closure on Lake Washington Ship Canal: vessel will stand down for inactive maintenance period after this cruise.

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08 DEC NP9/Alongside Schwartz,D/UW/ Seattle 39(Non-Op)//
15 FEB homeport/Stand-down n/a Seattle
Stand down from Operations. Maintenance period alongside until February 16,
2005.

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Agency	Funded 	Proposed 	TOTAL
NOAA	85.0	0.0	85.0
NSF	131.0	0.0	131.0
STATE	45.0	0.0	45.0
TOTAL	311.0	0.0	311.0