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From: ewing02@ewing.ldgo.columbia.edu (R/V Ewing Science Party E-Mail Box # 02)

To: b0208@ntou66.ntou.edu.tw, chenth@vax.oce.ntou.edu.tw,
 chiu@ceri.memphis.edu, fly@classic.oc.ntu.edu.tw,
 gensin@taiwan.cwb.gov.tw, patty@utig.ig.utexas.edu,
 seirock@eq.ccu.edu.tw, seiswei@eq.ccu.edu.tw, t44001@cc.ntnu.edu.tw,
 wang@sss.gep.ncu.edu.tw, wangcs@vax.oce.ntou.edu.tw,
 wbin@taiwan.cwb.gov.tw, wu@sunquakes.geol.binghamton.edu,
 yehyh@earth.sinica.edu.tw

Subject: New survey schedule

Dear Colleagues:

Following is a revised waypoint log which should replace the one I sent to you yesterday. This one is more complete and have corrected some typo errors in the previous one (corrected waypoints are showing with @ symbols).

WAYPOINT LOG:

Following is a list of the EW9509 survey waypoints and shooting log. The time for the beginnin and ending of each line is good to min. Please see actual shot time table for the exact time.

We have put new waypoints between the end of the first sea-land profile and the starting point of the third sea-land profile (the one across the Henchung Peninsula). After that, we should get back to our original planned survey track. Yosio and Kirk may help us to calculate the time needed for this revised survey track. If we are no more than three days behind our planned schedule by the time we get to waypoint 26, we are in good shape.

Best of luck.

Char-Shine, Don, Neil and Greg

EW9509 WAYPOINTS

WAYPOINT	LAT	LONG	
A	25 06'	122 33'	
B	24 57'	122 34'	
C	24 30'	122 31.5'*	* MODIFIED
D	23 55'	122 34.5'*	
E	23 55'	122 25.5'	
F	24 30'	122 28.0'	DEPLOY STREAMER
G	24 56'	122 28.0	

Begin Seismic Survey

* Please note that local time = GMT + 8 hours.

* The planned ship track is ship tract version 0802 (in ftp file).

WP #	Lat.	Long.	Type of work & estimated operation time
0.	24 49' N	122 41' E	Begin Line 0 at 13:50 (GMT), 08/24
0a.	24 58' N	122 33.5' E	
0b.	25 8.5' N	122 33.5' E	End Line 0 at 16:36 (GMT), 08/24
1. @	25 10' N	122 30' E	Begin Line 1 at 17:40 (GMT), 08/24
2.	22 07' N	122 30' E	End of Line 1 at 23:19 (GMT), 08/26 Begin of Line 2 at 01:35 (GMT), 08/27
3.	22 44' N	122 20' E	End of Line 2 at 05:53 (GMT), 08/27
4.	22 44' N	123 15' E	End of Line 3 at 16:11 (GMT), 08/27
5.	22 42' N	123 15' E	Begin of Line 5 at 16:40 (GMT), 08/27
6.	23 30' N	121 37' E	End of Line 5 at 14:18 (GMT), 08/28
7.	23 23' N	121 37' E	End of Line 6 at 17:30 (GMT), 08/28
8.	24 24.5' N	122 45' E	End of Line 7 at 05:04 (GMT), 08/29
9.	25 41.5' N	122 45' E	End of Line 8 at 17:42 (GMT), 08/29
10.	25 40' N	122 15' E	End of Line 9 at 23:05 (GMT), 08/29
11.	25 10' N	122 15' E	End of Line 10 at 07:05 (GMT), 08/30
11a.	25 27' N	121 46' E	End of Line 11 at 13:40 (GMT), 08/30
11b.	25 23' N	121 44' E	End of line 11a at 15:20 (GMT), 08/30
11c.	25 04' N	122 16' E	End of line 11b at 23:16 (GMT), 08/30
12.	24 55' N	122 15' E	Begin of line 12 at 05:00 (GMT), 08/31
13.	24 55' N	123 25' E	End of line 12: MCS (12 hrs.)
13a.	23 52' N	123 25' E	Continuation of MCS Line 13
14*.	23 42' N	123 30' E	End of Line 13: MCS (15 hrs) Begin of Line 14 at 08:00 (GMT) 09/01: MCS, OBS, 20 second shot interval (29 hrs.)
			* Waypoint #12 of planned ship track
15*.	24 05' N	121 41' E	End of Line 14 at 13:00 (GMT) 09/02
			* Waypoint #11 of planned ship track

- 16*. 24 09.38' N 121 42' E Begin of Line 16 at 14:00 (GMT) 09/02:
MCS, OBS, LAND RECORDING, 40 second
shot interval (15 hrs.)
* Waypoint #10 of planned ship track
- 16a*. 23 59.7' N 123 00' E
* Waypoint #9 of planned ship track. This location is the end of
the first sea-land profile of planned ship track Line 9.
The present plan is to continue shooting to Waypoint #17a.
17. 23 56.7' N 123 25' E End of Line 16 at 10:00 (GMT) 09/03
18. 21 51' N 123 25' E End of Line 17: MCS (25 hrs)
19. 21 51' N 121 05' E End of Line 18: MCS (29 hrs)
20. 22 40' N 121 05' E End of Line 19: MCS
21. 22 40' N 121 20' E End of Line 20: MCS/Transit
- 22*. 23 2.72' N 121 20' E End of Line 21: MCS/Transit
Begin of Line 22 at 04:00 (GMT) 09/06:
MCS, OBS, LAND RECORDING, 40 second
shot interval (20 hrs.)
* Waypoint #17 of planned ship track
23. 22 20' N 122 45.5' E End of Line 22 at 00:00 (GMT) 09/07
24. @ 22 20' N 120 55' E End of Line 23: MCS
25. @ 22 32' N 121 00' E End of Line 24: Transit
26. @ 22 32' N 121 47' E End of Line 25: MCS
27. 22 12' N 122 00' E End of Line 26: Transit
Begin of Line 27: MCS, OBS, Land Recording
28. @ 22 12' N 120 55' E End of Line 27: MCS, OBS, Land recording
29. 21 51' N 121 10' E End of Line 28: MCS/Transit
30. @ 21 51' N 120 25' E End of Line 29: MCS

Then we are back to the original planned survey tracks (the waypoint numbers will need to be changed after this modification).

At the end of Line 16, MCS lines will be designed to provide about 66 hours for the redeployment of land seismometers and OBSs along the southern cross-island profile (Line 22).

Time to start shooting the second sea-land profile is around 4:00 (GMT) or 12:00 local time of 09/06. Note that we will shoot both sea-land lines starting from the west (near Hualien for line 16, near Taitung for Line 22) and shoot steaming to the east, so that land instruments should start

to record at the begining of both these lines. Firing rate for these lines will be 40 seconds.