

Dear Yosio, Kirk and Tan-Kin:

Following is a list of the EW9509 survey waypoints and shooting log. The time for the beginning 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 Hanchung 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.	24 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 122 55' E End of Line 23: MCS

25. 22 32' N 122 00' E End of Line 24: Transit

26. 22 32' N 122 47' E End of Line 25: MCS

Begin of Line 27: MCS, OBS, Land Recording

28. 22 12' N 122⁰ 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 : and shoot steaming to the east, so that land instruments should start to record at the beginning of both these lines. Firing rate for these lines will be 40 seconds.