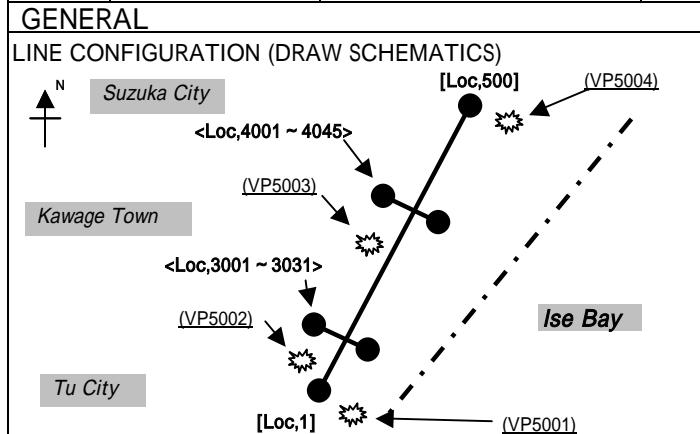


SEISMIC OBSERVER'S REPORT FORM-A

LINE	S04-1	PROSPECT Ise Heiya2004	AREA Tu City, Kawage City Suzuka City	CLIENT MIE PREF.	CREW NO. A	OBSERVER JGI	OBSERVER DATE: 2004/8/5 ~ 2004/8/11
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AUX.CH. CONTENTS

VIBROSEIS	
AUX CH. 1(UnFil)	CLOCK TB
AUX CH. 2(UnFil)	RADIO VIB
AUX CH. 3(UnFil)	RADIO REF
AUX CH. 4(Fil)	REF SWEEP(Corr)
AUX CH. 5(Fil)	REF SWEEP

FIELD SUMMATION AND X-CORRELATION

NO.OF SUMMATION	5,10,20,50,100,125
N/E WINDOW LENGTH (s)	14,16
N/E OVERLAP LENGTH (s)	7,8
SUPPRESSION FACTOR	2
MINIMUM PHASE CONVERSION	No
X-CORR.	C.A.S.

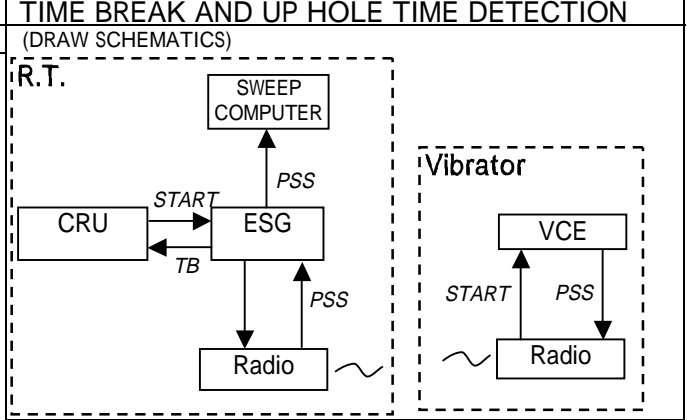
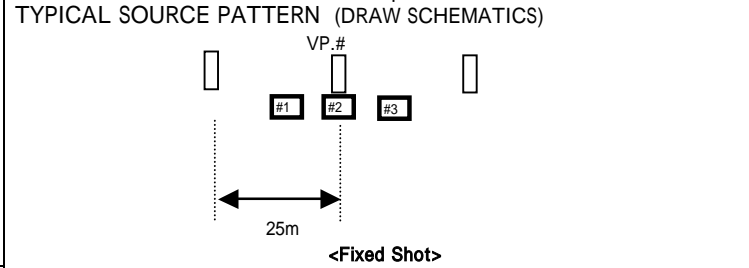
FIRST AND LAST SP. NO.

VP 4005 ~ VP 4046
VP 3004 ~ VP 3030
VP 2 ~ VP 498

TOTAL LINE Km. SHOT TO SHOT 12.400 Km
TOTAL LINE Km. RECEIVER TO RECEIVER 12.475 Km
TOTAL SHOT POINTS (Reflection Shot) 127 POINTS
TOTAL SHOT POINTS (Refraction Shot) 4 POINTS
TOTAL RECEIVER LOCATIONS 45,30,500 Ch
AVERAGE SHOT POINT INTERVAL m
RECEIVER INTERVAL 25 m
NO. OF CH./EACH LINE/SHOT 45,30,400,500ch/1LINE

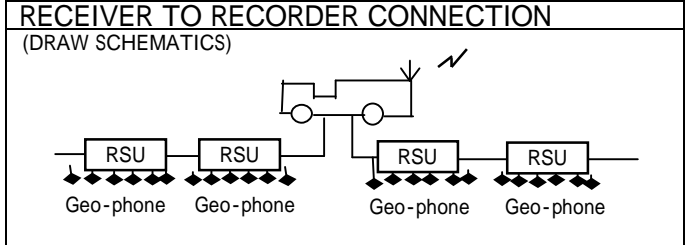
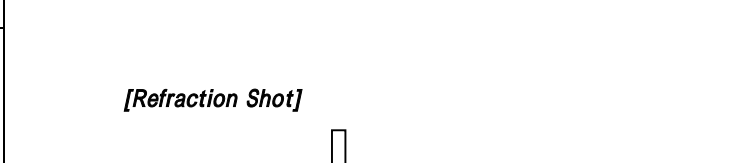
SEISMIC SOURCE

TYPE OF SOURCE Y-2400[1],HEMI-50[2],MINI-VIB
NO.OF VIBS/SHOT [Reflection]3or1 [Refraction]4
FORCE OUT/SHOT High Force70or90% , Low Force30,50%
VIBROSEIS SWEEP
FREQUENCY [Reflection]8-60 Hz [Refraction]6-40Hz
LENGTH 20 sec
START TAPER 0.3,0.5 sec END TAPER 0.3,0.5 sec
SWEEP TYPE Linear Up



SEISMIC RECORDING

INSTRUMENT
* G·DAPS-4A RECORDING SYSTEM
* PELTON E.S.G. , V.C.E.



RECORDING

SAMPLE RATE 4 msec
RECORD LENGTH (Reflection) 8 sec / (Refraction)12sec

LOW CUT FILTER -
HIGH CUT FILTER 108 Hz
PRE-AMP.GAIN 30dB

DECIMMATION FILTER PHASE Linear

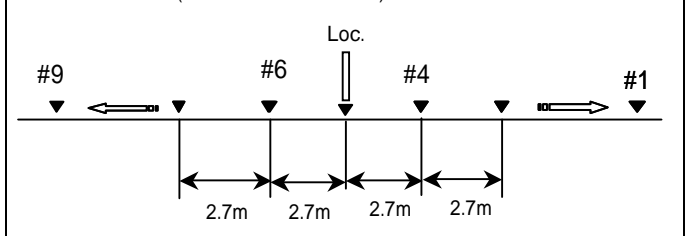
SEISMIC RECEIVER

GEOPHONE
TYPE SM-7
FREQUENCY 10 Hz
NO.OF UNITS/LOCATION 9 UNITS/Loc.
CONNECTION 3 SERIES 3 PARALLEL
PATTERN (DRAW SCHEMATICS)

TAPE FORMAT

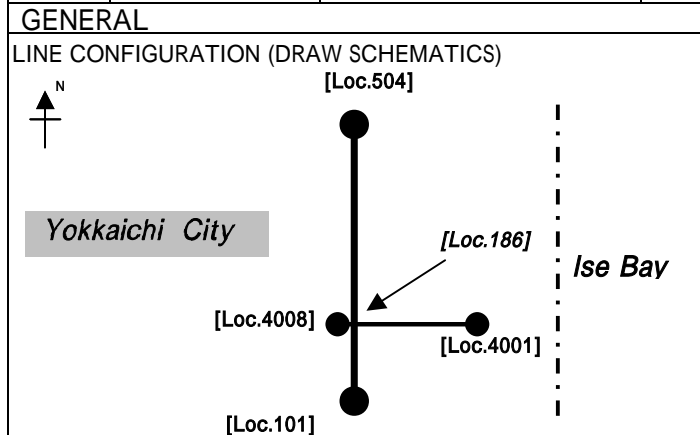
TYPE 3490E Cartridge
SEG-Y
FIELD TAPE REEL NUBER OF THIS LINE REEL No. 2

***DEAD Location (11ch)**
271-273,302-304,384-385,412-413,465



SEISMIC OBSERVER'S REPORT FORM-A

LINE	S04-2	PROSPECT Ise Heiya2004	AREA Yokkaichi City	CLIENT MIE PREF.	CREW NO. A	OBSERVER JGI	OBSERVER DATE: 2004/8/2 ~ 2004/8/5
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FIRST AND LAST SP. NO.	VP 1092 ~ VP 1546
TOTAL LINE Km. SHOT TO SHOT	13.025 Km
TOTAL LINE Km. RECEIVER TO RECEIVER	4.03+0.175 Km
TOTAL SHOT POINTS	(Reflection Shot) 170 POINTS
TOTAL RECEIVER LOCATIONS	404+8+66(MS2K) Ch
AVERAGE SHOT POINT INTERVAL	m
RECEIVER INTERVAL	10,25 m
STANDARD CDP FOLD	%
NO. OF CH./EACH LINE/SHOT	412ch/2LINE

SEISMIC RECORDING

INSTRUMENT

- * G·DAPS-4A RECORDING SYSTEM
- * PELTON E.S.G., V.C.E.

RECORDING	
SAMPLE RATE	4 msec
RECORD LENGTH	8 sec
LOW CUT FILTER	-
HIGH CUT FILTER	108 Hz
PRE-AMP.GAIN	30dB
DECIMMATION FILTER PHASE	Linear

TAPE FORMAT	
TYPE	3490E Cartridge
FIELD TAPE REEL NUMBER OF THIS LINE	SEG-Y
	REEL No. 1

AUX.CH.CONTENTS

VIBROSEIS	
AUX CH. 1(UnFil)	CLOCK TB
AUX CH. 2(UnFil)	RADIO VIB
AUX CH. 3(UnFil)	RADIO REF
AUX CH. 4(Fil)	REF SWEEP(Corr)
AUX CH. 5(Fil)	REF SWEEP

SEISMIC SOURCE

TYPE OF SOURCE Y-2400[1],HEMI-50[2],MINI-VIB 3or1

NO.OF VIBS/SHOT High Force70or90% , Low Force30,50%

FORCE OUT/SHOT

VIBROSEIS SWEEP

FREQUENCY [Reflection]8-60 Hz

LENGTH 20 sec

START TAPER 0.3 sec END TAPER 0.3 sec

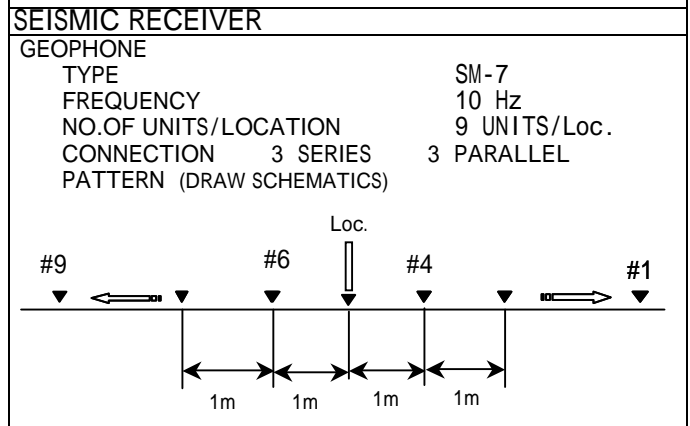
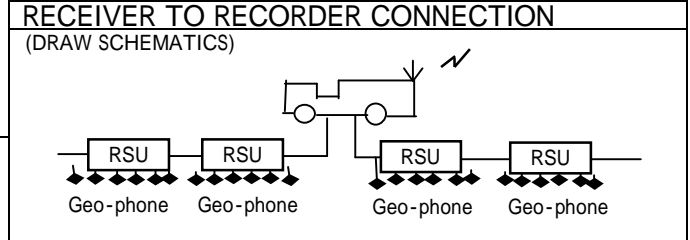
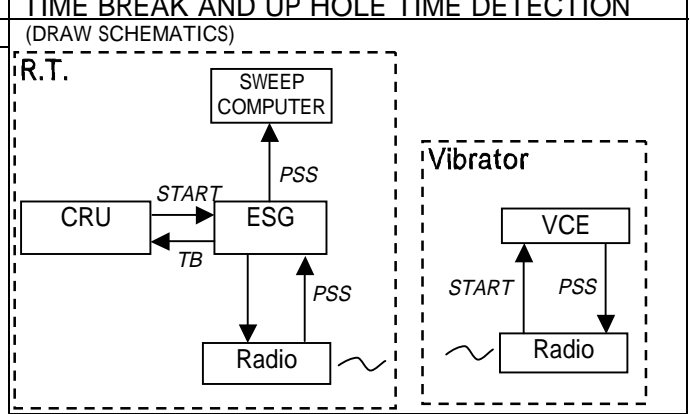
SWEEP TYPE Linear Up

TYPICAL SOURCE PATTERN (DRAW SCHEMATICS)

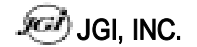
***DEAD Location (25ch)**
172-184,240,344-346,374,387,443-448

FIELD SUMMATION AND X-CORRELATION

NO.OF SUMMATION	2,5,10,20,50
N/E WINDOW LENGTH (ms)	14,000
N/E OVERLAP LENGTH (ms)	7000
SUPPRESSION FACTOR	2
MINIMUM PHASE CONVERSION	No
X-CORR.	C.A.S.



SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE						
Ise Heiya2004		IS04-2 (S N)		2004/8/2		FINE		LIGHT				T.TSUTSUI		2						
REEL NO. 1		SOURCE							RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	IN-LINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
19	496	90%	3	Fix	25.0			496.0	101 - 504	4001 - 4008	20	14	7	2						
20	494	90%	3	Fix	25.0			494.0	101 - 504	4001 - 4008	2	14	7	2						
21	492	90%	3	Fix	25.0			492.0	101 - 504	4001 - 4008	2	14	7	2						
22	490	90%	3	Fix	25.0			490.0	101 - 504	4001 - 4008	2	14	7	2						
23	488	90%	3	Fix	25.0			488.0	101 - 504	4001 - 4008	2	14	7	2						
24	486	90%	3	Fix	25.0			486.0	101 - 504	4001 - 4008	20	14	7	2						
25	484	90%	3	Fix	25.0			484.0	101 - 504	4001 - 4008	2	14	7	2						
26	482	90%	3	Fix	25.0			482.0	101 - 504	4001 - 4008	2	14	7	2						
27	480	90%	3	Fix	25.0			480.0	101 - 504	4001 - 4008	2	14	7	2						
28	478	90%	3	Fix	25.0			478.0	101 - 504	4001 - 4008	2	14	7	2						
29	476	90%	3	Fix	25.0			476.0	101 - 504	4001 - 4008	20	14	7	2						
30	474	90%	3	Fix	25.0			474.0	101 - 504	4001 - 4008	2	14	7	2						
31	472	90%	3	Fix	25.0			472.0	101 - 504	4001 - 4008	2	14	7	2						
32	470	90%	3	Fix	25.0			470.0	101 - 504	4001 - 4008	2	14	7	2						
33	468	90%	3	Fix	25.0			468.0	101 - 504	4001 - 4008	2	14	7	2						
34	466	90%	3	Fix	25.0			466.0	101 - 504	4001 - 4008	20	14	7	2						
35	464	90%	3	Fix	25.0			464.0	101 - 504	4001 - 4008	2	14	7	2						
36	458	50%	1	Fix	25.0			458.0	101 - 504	4001 - 4008	5	14	7	2						
37	1434	90%	3	Fix	25.0			1434.0	101 - 504	4001 - 4008	2	14	7	2						
38	1432	90%	3	Fix	25.0			1432.0	101 - 504	4001 - 4008	2	14	7	2						

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE						
Ise Heiya2004		IS04-2 (S N)		2004/8/2		FINE		LIGHT				T.TSUTSUI		3						
REEL NO. 1		SOURCE							RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
39	1430	90%	3	Fix	25.0			1430.0	101 - 504	4001 - 4008	20	14	7	2						
40	1428	90%	3	Fix	25.0			1428.0	101 - 504	4001 - 4008	2	14	7	2						
41	1426	90%	3	Fix	25.0			1426.0	101 - 504	4001 - 4008	2	14	7	2						
42	1424	90%	3	Fix	25.0			1424.0	101 - 504	4001 - 4008	2	14	7	2						
43	1422	90%	3	Fix	25.0			1422.0	101 - 504	4001 - 4008	2	14	7	2						
44	1420	90%	3	Fix	25.0			1420.0	101 - 504	4001 - 4008	20	14	7	2						
45	1418	90%	3	Fix	25.0			1418.0	101 - 504	4001 - 4008	2	14	7	2						
46	1416	90%	3	Fix	25.0			1416.0	101 - 504	4001 - 4008	2	14	7	2						
47	408	90%	3	Fix	25.0			408.0	101 - 504	4001 - 4008	2	14	7	2						
48	406	90%	3	Fix	25.0			406.0	101 - 504	4001 - 4008	2	14	7	2						
49	404	90%	3	Fix	25.0			404.0	101 - 504	4001 - 4008	20	14	7	2						
50	402	90%	3	Fix	25.0			402.0	101 - 504	4001 - 4008	2	14	7	2						
51	400	90%	3	Fix	25.0			400.0	101 - 504	4001 - 4008	2	14	7	2						
52	398	90%	3	Fix	25.0			398.0	101 - 504	4001 - 4008	2	14	7	2						
53	396	90%	3	Fix	25.0			396.0	101 - 504	4001 - 4008	2	14	7	2						
54	394	90%	3	Fix	25.0			394.0	101 - 504	4001 - 4008	20	14	7	2						
55	392	90%	3	Fix	25.0			392.0	101 - 504	4001 - 4008	2	14	7	2						
56	390	90%	3	Fix	25.0			390.0	101 - 504	4001 - 4008	2	14	7	2						
57	G.N.								101 - 504	4001 - 4008								Ground Noise		

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
Ise Heiya2004		IS04-2 (S N)		2004/8/3		CLOUDY		LIGHT				T.TSUTSUI		4					
REEL NO. 1		SOURCE						RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
									CH.1	CH.404	CH.405	CH.412							
58	P.R.								101 - 504	4001 - 4008									Pulse Response
59	S.N.								101 - 504	4001 - 4008									System Noise
60	G.P.								101 - 504	4001 - 4008									Geophone Pulse
61	G.N.								101 - 504	4001 - 4008									Ground Noise
62	3096	40%	1	Fix				3096.0	101 - 504	4001 - 4008	20	14	7	2					MINI-VIB
63	3096	40%	1	Fix				3096.0	101 - 504	4001 - 4008	40	14	7	2					"
64	3083	40%	1	Fix				3083.0	101 - 504	4001 - 4008	20	14	7	2					"
65	3083	40%	1	Fix				3083.0	101 - 504	4001 - 4008	40	14	7	2					"
66	3066	40%	1	Fix				3066.0	101 - 504	4001 - 4008	20	14	7	2					"
67	3066	40%	1	Fix				3066.0	101 - 504	4001 - 4008	40	14	7	2					"
68	3066	40%	1	Fix				3066.0	101 - 504	4001 - 4008	50	14	7	2					"
69	3046	40%	1	Fix				3046.0	101 - 504	4001 - 4008	20	14	7	2					"
70	3046	40%	1	Fix				3046.0	101 - 504	4001 - 4008	50	14	7	2					"
71	3031	40%	1	Fix				3031.0	101 - 504	4001 - 4008	20	14	7	2					"
72	3031	40%	1	Fix				3031.0	101 - 504	4001 - 4008	30	14	7	2					MINI-VIB (Not continue)
73	3021	40%	1	Fix				3021.0	101 - 504	4001 - 4008	20	14	7	2					"
74	3021	40%	1	Fix				3021.0	101 - 504	4001 - 4008	40	14	7	2					"
75	3011	40%	1	Fix				3011.0	101 - 504	4001 - 4008	40	14	7	2					"
76	384	90%	3	Fix	25.0			384.0	101 - 504	4001 - 4008	20	14	7	2					
77	382	90%	3	Fix	25.0			382.0	101 - 504	4001 - 4008	2	14	7	2					

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE						
Ise Heiya2004		IS04-2 (S N)		2004/8/3		CLOUDYRAINY		LIGHT				T.TSUTSUI		5						
REEL NO. 1		SOURCE							RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
78	380	90%	3	Fix	25.0			380.0	101	-	504	4001	-	4008	2	14	7	2		
79	378	90%	3	Fix	25.0			378.0	101	-	504	4001	-	4008	2	14	7	2		
80	376	90%	3	Fix	25.0			376.0	101	-	504	4001	-	4008	2	14	7	2		
81	372	90%	3	Fix	25.0			372.0	101	-	504	4001	-	4008	20	14	7	2		
82	1355	50%	3	Fix	25.0			1355.0	101	-	504	4001	-	4008	2	14	7	2		
83	1353	90%	3	Fix	25.0			1353.0	101	-	504	4001	-	4008	5	14	7	2		
84	1351	90%	3	Fix	25.0			1351.0	101	-	504	4001	-	4008	10	14	7	2		
85	1349	90%	3	Fix	25.0			1349.0	101	-	504	4001	-	4008	5	14	7	2		
86	1347	90%	3	Fix	25.0			1347.0	101	-	504	4001	-	4008	5	14	7	2		
87	234	90%	3	Fix	25.0			234.0	101	-	504	4001	-	4008	2	14	7	2		
88	236	90%	3	Fix	25.0			236.0	101	-	504	4001	-	4008	2	14	7	2		
89	238	90%	3	Fix	25.0			238.0	101	-	504	4001	-	4008	20	14	7	2		
90	240	90%	3	Fix	25.0			240.0	101	-	504	4001	-	4008	2	14	7	2		
91	242	90%	3	Fix	25.0			242.0	101	-	504	4001	-	4008	2	14	7	2		
92	244	90%	3	Fix	25.0			244.0	101	-	504	4001	-	4008	2	14	7	2		
93	246	90%	3	Fix	25.0			246.0	101	-	504	4001	-	4008	2	14	7	2		
94	248	90%	3	Fix	25.0			248.0	101	-	504	4001	-	4008	10	14	7	2		
95	250	90%	3	Fix	25.0			250.0	101	-	504	4001	-	4008	2	14	7	2		
96	252	90%	3	Fix	25.0			252.0	101	-	504	4001	-	4008	2	14	7	2		
97	254	90%	3	Fix	25.0			254.0	101	-	504	4001	-	4008	2	14	7	2		

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE						
Ise Heiya2004		IS04-2 (S N)		2004/8/3		CLOUDYRAINY		LIGHT				T.TSUTSUI		6						
REEL NO. 1		SOURCE							RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
98	258	90%	3	Fix	25.0			1258.0	101	-	504	4001	-	4008	2	14	7	2		
99	260	90%	3	Fix	25.0			1260.0	101	-	504	4001	-	4008	20	14	7	2		
100	262	90%	3	Fix	25.0			1262.0	101	-	504	4001	-	4008	2	14	7	2		
101	264	90%	3	Fix	25.0			1264.0	101	-	504	4001	-	4008	2	14	7	2		
102	266	90%	3	Fix	25.0			1266.0	101	-	504	4001	-	4008	2	14	7	2		
103	268	90%	3	Fix	25.0			1268.0	101	-	504	4001	-	4008	10	14	7	2		
104	270	90%	3	Fix	25.0			1270.0	101	-	504	4001	-	4008	2	14	7	2		
105	272	90%	3	Fix	25.0			1272.0	101	-	504	4001	-	4008	2	14	7	2		
106	274	90%	3	Fix	25.0			1274.0	101	-	504	4001	-	4008	2	14	7	2		
107	276	50%	3	Fix	25.0			1276.0	101	-	504	4001	-	4008	2	14	7	2		
108	278	50%	3	Fix	25.0			1278.0	101	-	504	4001	-	4008	2	14	7	2		
109	280	50%	3	Fix	25.0			1280.0	101	-	504	4001	-	4008	2	14	7	2		
110	296	50%	3	Fix	25.0			296.0	101	-	504	4001	-	4008	2	14	7	2		
111	298	50%	3	Fix	25.0			298.0	101	-	504	4001	-	4008	2	14	7	2		
112	300	50%	3	Fix	25.0			300.0	101	-	504	4001	-	4008	2	14	7	2		
113	302	50%	3	Fix	25.0			302.0	101	-	504	4001	-	4008	2	14	7	2		
114	304	50%	3	Fix	25.0			304.0	101	-	504	4001	-	4008	10	14	7	2		
115	306	50%	3	Fix	25.0			306.0	101	-	504	4001	-	4008	2	14	7	2		
116	308	50%	3	Fix	25.0			308.0	101	-	504	4001	-	4008	2	14	7	2		
117	310	50%	3	Fix	25.0			310.0	101	-	504	4001	-	4008	2	14	7	2		

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE						
Ise Heiya2004		IS04-2 (S N)		2004/8/3		CLOUDYRAINY		LIGHT				T.TSUTSUI		7						
REEL NO. 1		SOURCE							RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
118	312	50%	3	Fix	25.0			312.0	101 - 504	4001 - 4008	2	14	7	2						
119	314	50%	3	Fix	25.0			314.0	101 - 504	4001 - 4008	10	14	7	2						
120	316	50%	3	Fix	25.0			316.0	101 - 504	4001 - 4008	2	14	7	2						
121	318	50%	3	Fix	25.0			318.0	101 - 504	4001 - 4008	2	14	7	2						
122	322	50%	2	Fix	25.0			322.0	101 - 504	4001 - 4008	2	14	7	2						
123	324	90%	3	Fix	25.0			324.0	101 - 504	4001 - 4008	10	14	7	2						
124	326	90%	3	Fix	25.0			326.0	101 - 504	4001 - 4008	2	14	7	2						
125	328	90%	3	Fix	25.0			328.0	101 - 504	4001 - 4008	2	14	7	2						
126	330	90%	3	Fix	25.0			330.0	101 - 504	4001 - 4008	2	14	7	2						
127	332	90%	3	Fix	25.0			332.0	101 - 504	4001 - 4008	2	14	7	2						
128	334	90%	3	Fix	25.0			334.0	101 - 504	4001 - 4008	10	14	7	2						
129	336	90%	3	Fix	25.0			336.0	101 - 504	4001 - 4008	2	14	7	2						
130	338	90%	3	Fix	25.0			338.0	101 - 504	4001 - 4008	2	14	7	2						
131	340	90%	3	Fix	25.0			340.0	101 - 504	4001 - 4008	2	14	7	2						
132	342	90%	3	Fix	25.0			342.0	101 - 504	4001 - 4008	10	14	7	2						
133	G.N.								101 - 504	4001 - 4008								Ground Noise		

also recorded by MS-2000,
 at location 3011-3116 (6ch x 11recorder)
 RecLength8sec/Sample4msec
 SweepFreq8-60Hz/SweepLength20sec
 DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE		
Ise Heiya2004			IS04-2 (S N)					2004/8/4		CLOUDY/FINE		LIGHT			T.TSUTSUI	8		
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
									CH.1	CH.404	CH.405	CH.412						
134	P.R.								101 - 504	4001 - 4008								Pulse Response
135	S.N.								101 - 504	4001 - 4008								System Noise
136	G.P.								101 - 504	4001 - 4008								Geophone Pulse
137	G.N.								101 - 504	4001 - 4008								Ground Noise
138	1092	50%	1	Fix				1092.0	101 - 504	4001 - 4008	10	14	7	2				MINI-VIB
139	1093	50%	1	Fix				1093.0	101 - 504	4001 - 4008	10	14	7	2				"
140	1094	50%	1	Fix				1094.0	101 - 504	4001 - 4008	10	14	7	2				"
141	1095	50%	1	Fix				1095.0	101 - 504	4001 - 4008	3	14	7	2				"
142	1096	90%	1	Fix				1096.0	101 - 504	4001 - 4008	5	14	7	2				"
143	1097	90%	1	Fix				1097.0	101 - 504	4001 - 4008	5	14	7	2				"
144	230	90%	3	Fix	25.0			1230.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
145	224	90%	3	Fix	25.0			224.0	101 - 504	4001 - 4008	10	14	7	2			CH439,440(W)	
146	222	90%	3	Fix	25.0			222.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
147	220	90%	3	Fix	25.0			220.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
148	218	90%	3	Fix	25.0			218.0	101 - 504	4001 - 4008	10	14	7	2			CH439,440(W)	
149	206	50%	3	Fix	25.0			206.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
150	204	50%	3	Fix	25.0			204.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
151	202	50%	3	Fix	25.0			202.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
152	212	50%	1	Fix	25.0			212.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	
153	210	50%	2	Fix	25.0			210.0	101 - 504	4001 - 4008	2	14	7	2			CH439,440(W)	

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

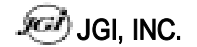
SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE				
Ise Heiya2004			IS04-2 (S N)					2004/8/4		FINE		LIGHT			T.TSUTSUI	9				
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS			
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)			
									CH.1	CH.404	CH.405	CH.412								
154	208	50%	3	Fix	25.0			208.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
155	198	50%	1	Fix	25.0			198.0	101	-	504	4001	-	4008	2	14	7	2	CH439,440(W)	
156	4005	90%	3	Fix	25.0			4005.0	101	-	504	4001	-	4008	5	14	7	2	CH439,440(W)	
157	4003	50%	3	Fix	25.0			4003.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
158	4001	50%	3	Fix	25.0			4001.0	101	-	504	4001	-	4008	20	14	7	2	CH439,440(W)	
159	4007	50%	1	Fix	25.0			4007.0	101	-	504	4001	-	4008	2	14	7	2	CH439,440(W)	
160	188	90%	3	Fix	25.0			188.0	101	-	504	4001	-	4008	15	14	7	2	CH439,440(W)	
161	190	90%	3	Fix	25.0			190.0	101	-	504	4001	-	4008	2	14	7	2	CH439,440(W)	
162	192	90%	3	Fix	25.0			192.0	101	-	504	4001	-	4008	2	14	7	2	CH439,440(W)	
163	3203	50%	3	Fix	25.0			3203.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
164	3204	90%	3	Fix	25.0			3204.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
165	3206	50%	3	Fix	25.0			3206.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
166	3208	50%	3	Fix	25.0			3208.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
167	3210	50%	3	Fix	25.0			3210.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
168	3115	90%	3	Fix	25.0			3115.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
169	3112	90%	3	Fix	25.0			3112.0	101	-	504	4001	-	4008	20	14	7	2	CH439,440(W)	
170	3105	50%	3	Fix	25.0			3305.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
171	3101	90%	3	Fix	25.0			3301.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
172	1546	50%	3	Fix	25.0			1546.0	101	-	504	4001	-	4008	10	14	7	2	CH439,440(W)	
173	1544	50%	3	Fix	25.0			1544.0	101	-	504	4001	-	4008	2	14	7	2		

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE						DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE	
Ise Heiya2004			IS04-2 (S N)						2004/8/4		FINE		LIGHT			T.TSUTSUI	10	
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS	
1									SPREAD (GEOPHONE LOCATIONS USED)									
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	CH.1	CH.404	CH.405	CH.412	No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
174	1542	50%	3	Fix	25.0			1542.0	101 - 504	4001 - 4008			2	14	7	2		
175	1540	50%	3	Fix	25.0			1540.0	101 - 504	4001 - 4008			2	14	7	2		
176	1538	50%	3	Fix	25.0			1538.0	101 - 504	4001 - 4008			2	14	7	2		
177	1536	90%	3	Fix	25.0			1536.0	101 - 504	4001 - 4008			20	14	7	2		
178	1534	90%	3	Fix	25.0			1534.0	101 - 504	4001 - 4008			2	14	7	2		
179	1532	90%	3	Fix	25.0			1532.0	101 - 504	4001 - 4008			2	14	7	2		
180	1530	90%	3	Fix	25.0			1530.0	101 - 504	4001 - 4008			10	14	7	2		
181	1528	90%	3	Fix	25.0			1528.0	101 - 504	4001 - 4008			2	14	7	2		
182	1526	50%	3	Fix	25.0			1526.0	101 - 504	4001 - 4008			2	14	7	2		
183	1524	50%	3	Fix	25.0			1524.0	101 - 504	4001 - 4008			2	14	7	2		
184	1520	50%	3	Fix	25.0			1520.0	101 - 504	4001 - 4008			10	14	7	2		
185	1516	50%	3	Fix	25.0			1516.0	101 - 504	4001 - 4008			2	14	7	2		
186	1514	90%	3	Fix	25.0			1514.0	101 - 504	4001 - 4008			10	14	7	2		
187	1512	90%	3	Fix	25.0			1512.0	101 - 504	4001 - 4008			2	14	7	2		
188	1510	50%	3	Fix	25.0			1510.0	101 - 504	4001 - 4008			2	14	7	2		
189	1508	50%	1	Fix	25.0			1508.0	101 - 504	4001 - 4008			2	14	7	2		
190	504	50%	1	Fix	25.0			504.0	101 - 504	4001 - 4008			2	14	7	2		
191	502	50%	3	Fix	25.0			502.0	101 - 504	4001 - 4008			2	14	7	2		
192	500	90%	3	Fix	25.0			500.0	101 - 504	4001 - 4008			2	14	7	2		
193	G.N.								101 - 504	4001 - 4008								Ground Noise

also recorded by MS-2000,
at location 3011-3116 (6ch x 11recorder)
RecLength8sec/Sample4msec
SweepFreq8-60Hz/SweepLength20sec
DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
Ise Heiya2004		IS04-2 (S N)		2004/8/5		RAINY/CLOUDY		LIGHT				T.TSUTSUI		11					
REEL NO. 1		SOURCE						RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPORVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	IN-LINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
									CH.1	CH.404	CH.405	CH.412							
194	P.R.								101 - 504	4001 - 4008									Pulse Response
195	S.N.								101 - 504	4001 - 4008									System Noise
196	G.P.								101 - 504	4001 - 4008									Geophone Pulse
197	G.N.								101 - 504	4001 - 4008									Ground Noise
198	103	90%	1	Fix				103.0	101 - 504	4001 - 4008	5	14	7	2					MINI-VIB
199	105	90%	1	Fix				105.0	101 - 504	4001 - 4008	20	14	7	2					"
200	109	90%	1	Fix				109.0	101 - 504	4001 - 4008	9	14	7	2					"
201	114	90%	1	Fix				114.0	101 - 504	4001 - 4008	20	14	7	2					"
202	118	90%	1	Fix				118.0	101 - 504	4001 - 4008	10	14	7	2					"
203	120	90%	1	Fix				120.0	101 - 504	4001 - 4008	10	14	7	2					"
204	154	90%	1	Fix				154.0	101 - 504	4001 - 4008	5	14	7	2					"
205	156	90%	1	Fix				156.0	101 - 504	4001 - 4008	20	14	7	2					"
206	160	90%	1	Fix				160.0	101 - 504	4001 - 4008	10	14	7	2					"
207	163	90%	1	Fix				163.0	101 - 504	4001 - 4008	5	14	7	2					"
208	167	90%	1	Fix				167.0	101 - 504	4001 - 4008	10	14	7	2					"
209	170	90%	1	Fix				170.0	101 - 504	4001 - 4008	20	14	7	2					"
210	G.N.								101 - 504	4001 - 4008									Ground Noise
																			E.O.T.
																			END OF LINE S04-2

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE			
Ise Heiya2004		IS04-1B (E W)		2004/8/5		RAINY/FINE		LIGHT				T.TSUTSUI		12			
REEL NO. 2		SOURCE						RECEIVER		RECORD				BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)		No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
									CH.1	CH.45							
211	P.R.								4001 - 4045								Pulse Response
212	S.N.								4001 - 4045								System Noise
213	G.P.								4001 - 4045								Geophone Pulse
214	G.N.								4001 - 4045								Ground Noise
215	4005	50%	1	Fix	25.0			4005.0	4001 - 4045	10	14	7	2				
216	4008	50%	2	Fix	25.0			4008.0	4001 - 4045	5	14	7	2				
217	4010	90%	3	Fix	25.0			4010.0	4001 - 4045	10	14	7	2				
218	4012	50%	3	Fix	25.0			4012.0	4001 - 4045	10	14	7	2				
219	4014	50%	3	Fix	25.0			4014.0	4001 - 4045	10	14	7	2				
220	4016	90%	3	Fix	25.0			4016.0	4001 - 4045	10	14	7	2				
221	4018	90%	3	Fix	25.0			4018.0	4001 - 4045	10	14	7	2				
222	4022	90%	3	Fix	25.0			4022.0	4001 - 4045	10	14	7	2				
223	4024	50%	3	Fix	25.0			4024.0	4001 - 4045	10	14	7	2				
224	4026	90%	3	Fix	25.0			4026.0	4001 - 4045	10	14	7	2				
225	4028	90%	3	Fix	25.0			4028.0	4001 - 4045	10	14	7	2				
226	4030	90%	3	Fix	25.0			4030.0	4001 - 4045	10	14	7	2				
227	4032	90%	3	Fix	25.0			4032.0	4001 - 4045	10	14	7	2				
228	4034	90%	3	Fix	25.0			4034.0	4001 - 4045	10	14	7	2				
229	4038	90%	3	Fix	25.0			4038.0	4001 - 4045	10	14	7	2				
230	4040	90%	3	Fix	25.0			4040.0	4001 - 4045	10	14	7	2				

Reel #2 B.O.T.
 RecLength8sec/Sample4msec
 SweepFreq8-60Hz/SweepLength20sec
 DecimationFilter LINEAR/PreAmpGain30dB

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE		
Ise Heiya2004		IS04-1A (E W)		2004/8/6		FINE		LIGHT				T.TSUTSUI		14		
REEL NO. 2		SOURCE						RECEIVER		RECORD				BAD TRACES	REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	IN-LINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)		No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
									CH.1	CH.31						
233	P.R.								3001 - 3031							Pulse Response
234	S.N.								3001 - 3031							System Noise
235	G.P.								3001 - 3031							Geophone Pulse
236	G.N.								3001 - 3031							Ground Noise
237	3003	90%	1	Fix				3003.0	3001 - 3031		20	14	7	2		MINI-VIB
238	3004	90%	1	Fix				3004.0	3001 - 3031		20	14	7	2		"
239	3006	25%	1	Fix				3006.0	3001 - 3031		5	14	7	2		"
240	3009	90%	1	Fix				3009.0	3001 - 3031		20	14	7	2		"
241	3011	25%	1	Fix				3011.0	3001 - 3031		5	14	7	2		"
242	3014	90%	1	Fix				3014.0	3001 - 3031		20	14	7	2		"
243	3018	90%	1	Fix				3018.0	3001 - 3031		20	14	7	2		"
244	3020	25%	1	Fix				3020.0	3001 - 3031		5	14	7	2		"
245	3023	90%	1	Fix				3023.0	3001 - 3031		20	14	7	2		"
246	3025	25%	1	Fix				3025.0	3001 - 3031		5	14	7	2		"
247	3027	90%	1	Fix				3027.0	3001 - 3031		20	14	7	2		"
248	3029	50%	1	Fix				3029.0	3001 - 3031		10	14	7	2		"
249	3031	90%	1	Fix				3031.0	3001 - 3031		20	14	7	2		"
250	G.N.								3001 - 3031							Ground Noise
																END OF LINE S04-1A

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
Ise Heiya2004		IS04-1 (S N)		2004/8/6		FINE		LIGHT				T.TSUTSUI		15					
REEL NO. 2		SOURCE						RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	IN-LINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)		No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)				
									CH.1	CH.360									
251	P.R.								1	- 360								Pulse Response	
252	S.N.								1	- 360								System Noise	
253	G.P.								1	- 360								Geophone Pulse	
254	G.N.								1	- 360								Ground Noise	
255	145	30%	1	Fix				145.0	1	- 360		5	14	7	2			MINI-VIB	
256	147	30%	1	Fix				147.0	1	- 360		20	14	7	2			"	
257	153	30%	1	Fix				153.0	1	- 360		20	14	7	2			"	
258	155	30%	1	Fix				155.0	1	- 360		5	14	7	2			"	
259	157	30%	1	Fix				157.0	1	- 360		20	14	7	2			"	
260	159	30%	1	Fix				159.0	1	- 360		5	14	7	2			"	
261	161	30%	1	Fix				161.0	1	- 360		5	14	7	2			"	
262	165	30%	1	Fix				165.0	1	- 360		10	14	7	2			"	
263	169	30%	1	Fix				169.0	1	- 360		10	14	7	2			"	
264	172	30%	1	Fix				172.0	1	- 360		10	14	7	2			"	
265	175	30%	1	Fix				175.0	1	- 360		10	14	7	2			"	
266	1147	90%	3	Fix	25.0			1147.0	1	- 360		10	14	7	2				
267	1147	90%	3	Fix	25.0			1147.0	1	- 360		20	14	7	2				
268	1142	50%	2	Fix	25.0			1142.0	1	- 360		10	14	7	2				
269	1139	50%	3	Fix	25.0			1139.0	1	- 360		20	14	7	2				
270	1136	50%	3	Fix	25.0			1136.0	1	- 360		10	14	7	2				

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE			
Ise Heiya2004			IS04-1 (S N)					2004/8/7		FINE		LIGHT			T.TSUTSUI	18			
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS	
									CH.1	CH.360	CH.361	CH.500							
294	1162	20%	1	Fix				1162.0	42	-	401			5	14	7	2		
295	1168	40%	1	Fix				1168.0	48	-	407			10	14	7	2	North Shift 12.5m	
296	1173	40%	1	Fix				1173.0	53	-	412			10	14	7	2	North Shift 12.5m	
297	1179	40%	1	Fix				1179.0	59	-	418			20	14	7	2	North Shift 12.5m	
298	1182	50%	3	Fix	25.0			1182.0	62	-	421			10	14	7	2		
299	1186	90%	3	Fix	25.0			1186.0	66	-	425			20	14	7	2		
300	1189	50%	3	Fix	25.0			1189.0	69	-	428			10	14	7	2		
301	G.P.								1	-	360	361	-	500				Geophone Pulse	
302	G.N.								1	-	360	361	-	500				Ground Noise[RecLength12sec]	
303	5003	90%	4	Fix	37.5			5003.0	1	-	360	361	-	500	25	16	8	2	Refraction Shot[RecLength12sec]
304	5003	90%	4	Fix	37.5			5003.0	1	-	360	361	-	500	50	16	8	2	Refraction Shot[RecLength12sec]
305	5003	90%	4	Fix	37.5			5003.0	1	-	360	361	-	500	75	16	8	2	Refraction Shot[RecLength12sec]
306	309	30%	1	Fix				309.0	101	-	500			2	14	7	2	North Shift 12.5m	
307	314	50%	1	Fix				314.0	101	-	500			10	14	7	2		
308	317	50%	1	Fix				317.0	101	-	500			10	14	7	2	North Shift 12.5m	
309	322	50%	1	Fix				322.0	101	-	500			10	14	7	2		
310	327	50%	1	Fix				327.0	101	-	500			10	14	7	2		
311	330	50%	3	Fix	25.0			330.0	101	-	500			10	14	7	2		
312	334	90%	3	Fix	25.0			334.0	101	-	500			20	14	7	2		
313	338	50%	3	Fix	25.0			338.0	101	-	500			10	14	7	2		

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE			
Ise Heiya2004			IS04-1 (S N)					2004/8/8		FINE		LIGHT			T.TSUTSUI	20			
REEL NO.		SOURCE							RECEIVER				RECORD				BAD TRACES	REMARKS	
2									SPREAD (GEOPHONE LOCATIONS USED)										
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	CH.1	CH.400	CH.401	CH.500	No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
317	G.P.								1	-	400	401	-	500					Geophone Pulse
318	P.R.								1	-	400	401	-	500					Pulse Response
319	S.N.								1	-	400	401	-	500					System Noise
320	G.N.								1	-	400	401	-	500					Ground Noise
321	5004	90%	4	Fix	37.5			5004.0	1	-	400	401	-	500	25	16	8	2	Refraction Shot[RecLength12sec]
322	5004	90%	4	Fix	37.5			5004.0	1	-	400	401	-	500	50	16	8	2	Refraction Shot[RecLength12sec]
323	5004	90%	4	Fix	37.5			5004.0	1	-	400	401	-	500	75	16	8	2	Refraction Shot[RecLength12sec]
324	5004	90%	4	Fix	37.5			5004.0	1	-	400	401	-	500	100	16	8	2	Refraction Shot[RecLength12sec]
325	5004	90%	4	Fix	37.5			5004.0	1	-	400	401	-	500	125	16	8	2	Refraction Shot[RecLength12sec]
326	498	90%	1	Fix				498.0	101	-	500				10	14	7	2	MINI-VIB
327	496	90%	1	Fix				496.0	101	-	500				10	14	7	2	"
328	494	90%	1	Fix				494.0	101	-	500				10	14	7	2	"
329	492	90%	1	Fix				492.0	101	-	500				10	14	7	2	"
330	490	90%	1	Fix				490.0	101	-	500				10	14	7	2	"
331	488	90%	1	Fix				488.0	101	-	500				10	14	7	2	"
332	486	90%	1	Fix				486.0	101	-	500				10	14	7	2	"
333	484	90%	1	Fix				484.0	101	-	500				10	14	7	2	"
334	482	90%	1	Fix				482.0	101	-	500				10	14	7	2	"
335	480	90%	1	Fix				480.0	101	-	500				10	14	7	2	"
336	470	90%	1	Fix				470.0	101	-	500				10	14	7	2	"

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE						DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE		
Ise Heiya2004			IS04-1 (S N)						2004/8/8		FINE		LIGHT			T.TSUTSUI	21		
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS	
									CH.1	CH.400	CH.401	CH.500							
337	467	90%	1	Fix	25.0			467.0	101	-	500			20	14	7	2	MINI-VIB	
338	463	90%	1	Fix	25.0			463.0	101	-	500			10	14	7	2	"	
339	454	90%	1	Fix	25.0			454.0	101	-	500			10	14	7	2	"	
340	450	90%	1	Fix	25.0			450.0	101	-	500			10	14	7	2	"	
341	445	50%	1	Fix	25.0			445.0	101	-	500			5	14	7	2	"	
342	442	50%	1	Fix	25.0			442.0	101	-	500			5	14	7	2	"	
343	438	50%	1	Fix	25.0			438.0	101	-	500			5	14	7	2	"	
344	433	90%	1	Fix	25.0			433.0	101	-	500			10	14	7	2	MINI-VIB(North Shift 12.5m)	
345	430	50%	1	Fix	25.0			430.0	101	-	500			5	14	7	2	MINI-VIB	
346	G.N.								101	-	500							Ground Noise	
347	S.N.								1	-	400	401	-	500				System Noise	
348	G.N.								1	-	400	401	-	500				Ground Noise(RecLength12sec)	
349	G.P.								1	-	400	401	-	500				Geophone Pulse	
350	5001	30%	1	Fix				5001.0	1	-	400	401	-	500	5	16	8	2	Refraction Shot[RecLength12sec]
351	5001	30%	1	Fix				5001.0	1	-	400	401	-	500	10	16	8	2	Refraction Shot[RecLength12sec]
352	5001	30%	1	Fix				5001.0	1	-	400	401	-	500	20	16	8	2	Refraction Shot[RecLength12sec]
353	5001	30%	1	Fix				5001.0	1	-	400	401	-	500	40	16	8	2	Refraction Shot[RecLength12sec]
354	5001	30%	1	Fix				5001.0	1	-	400	401	-	500	50	16	8	2	Refraction Shot[RecLength12sec]
355	5002	90%	4	Fix	37.5			5002.0	1	-	400	401	-	500	25	16	8	2	Refraction Shot[RecLength12sec]
356	5002	90%	4	Fix	37.5			5002.0	1	-	400	401	-	500	50	16	8	2	Refraction Shot[RecLength12sec]

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
Ise Heiya2004		IS04-1 (S N)		2004/8/9		FINE		LIGHT				T.TSUTSUI		23					
REEL NO. 2		SOURCE						RECEIVER				RECORD				BAD TRACES		REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	RecLength8sec/Sample4msec SweepFreq8-60Hz/SweepLength20sec DecimationFilter LINEAR/PreAmpGain30dB	
									CH.1	CH.400	CH.401	CH.500							
360	G.P.																		Geophone Pulse
361	P.R.																		Pulse Response
362	S.N.																		System Noise
363	S.N.								1		-	140							System Noise
364	P.R.								1		-	140							Pulse Response
365	G.P.								1		-	140							Geophone Pulse
366	G.N.								1		-	400	401		-	500			Ground Noise
367	459	50%	1	Fix				459.0	101		-	500		10	14	7	2		
368	421	50%	3	Fix	25.0			421.0	101		-	500		10	14	7	2		
369	418	90%	3	Fix	25.0			418.0	101		-	500		10	14	7	2		
370	416	90%	3	Fix	25.0			416.0	101		-	500		10	14	7	2		
371	410	50%	3	Fix	25.0			410.0	101		-	500		10	14	7	2		
372	406	90%	3	Fix	25.0			406.0	101		-	500		10	14	7	2		
373	402	50%	3	Fix	25.0			402.0	101		-	500		10	14	7	2		
374	390	50%	2	Fix				390.0	101		-	500		10	14	7	2		
375	387	50%	3	Fix	25.0			387.0	101		-	500		10	14	7	2		
376	378	90%	3	Fix	25.0			378.0	1		-	400	401	20	14	7	2		
377	378	90%	3	Fix	25.0			378.0	1		-	400	401	40	14	7	2		
378	375	90%	3	Fix	25.0			375.0	101		-	500		10	14	7	2		
379	371	50%	2	Fix				371.0	101		-	500		10	14	7	2		

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER	PAGE
Ise Heiya2004			IS04-1 (S N)					2004/8/9		FINE		LIGHT			T.TSUTSUI	24
REEL NO.		SOURCE							RECEIVER			RECORD			BAD TRACES	REMARKS
2									SPREAD (GEOPHONE LOCATIONS USED)							
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	CH.1 CH.400		No Of Stacks	Noise Edit Window Length (ms)	Overlap Length (ms)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	RecLength8sec/Sample4msec SweepFreq8-60Hz/SweepLength20sec DecimationFilter LINEAR/PreAmpGain30dB *DEAD Loc, 271-273,302-304,384-385,412-413,465
380	366	50%	2	Fix				366.0	101 - 500		10	14	7	2		
381	361	50%	1	Fix				361.0	101 - 500		5	14	7	2		
382	358	50%	3	Fix	25.0			358.0	101 - 500		10	14	7	2		
383	353	50%	3	Fix	25.0			353.0	101 - 500		10	14	7	2		
384	349	50%	3	Fix	25.0			349.0	101 - 500		10	14	7	2		
385	345	50%	3	Fix	25.0			345.0	101 - 500		10	14	7	2		
386	341	50%	3	Fix	25.0			341.0	101 - 500		10	14	7	2		
387	295	30%	1	Fix				295.0	55 - 454		5	14	7	2		
388	292	50%	3	Fix	25.0			292.0	52 - 451		10	14	7	2		
389	288	50%	3	Fix	25.0			288.0	48 - 447		10	14	7	2		
390	284	50%	3	Fix	25.0			284.0	44 - 443		10	14	7	2		
391	280	50%	3	Fix	25.0			280.0	40 - 439		20	14	7	2		
392	276	50%	3	Fix	25.0			276.0	36 - 435		10	14	7	2		
393	270	90%	3	Fix	25.0			270.0	30 - 429		20	14	7	2		
394	266	50%	3	Fix	25.0			266.0	26 - 425		10	14	7	2		
395	260	50%	1	Fix				260.0	20 - 419		5	14	7	2		North Shift 12.5m
396	257	50%	1	Fix				257.0	17 - 416		5	14	7	2		
397	254	50%	1	Fix				254.0	14 - 413		5	14	7	2		
398	250	50%	1	Fix				250.0	10 - 409		10	14	7	2		
399	246	50%	1	Fix				246.0	6 - 405		5	14	7	2		

受振器設置状況表 S04-2

標準展開長は1.0mである

表記m数は間隔である

伊勢平野地下構造調査作業場

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
101		151		201		251		301		351	
102		152		202		252		302		352	
103		153		203		253		303		353	
104		154		204		254		304		354	
105		155		205		255	(B)	305		355	
106		156		206		256		306		356	
107		157		207		257	(B)	307		357	
108		158		208		258		308		358	
109		159		209	(B)	259		309		359	
110		160		210	(B)	260		310		360	
111		161		211	0.3m	261		311		361	
112		162		212		262		312		362	
113		163		213		263		313		363	
114		164		214		264		314		364	
115		165		215		265		315		365	
116		166		216		266		316		366	
117		167		217		267		317		367	(B)
118		168		218		268		318		368	
119		169		219		269		319		369	
120		170		220		270	0.3m	320		370	
121		171	0.3n	221		271	0.1m	321	(B)	371	
122		172	DEAD	222		272		322		372	(B)
123	(B)	173	DEAD	223		273		323		373	
124		174	DEAD	224		274		324		374	DEAD
125		175	DEAD	225		275		325		375	(S)(B)
126	(B)	176	DEAD	226		276		326		376	(S)
127		177	DEAD	227		277		327		377	(S)
128	(B)	178	DEAD	228		278		328		378	(S)
129	(S)	179	DEAD	229		279		329		379	(S)
130	(S)(B)	180	DEAD	230		280		330		380	(S)
131	(S)(B)	181	DEAD	231		281		331		381	(S)
132		182	DEAD	232		282		332		382	(B)
133		183	DEAD	233		283		333		383	
134	0.5m	184	DEAD	234		284		334		384	
135		185	0.5m	235		285		335		385	
136	(B)	186		236		286		336		386	
137	(B)	187		237		287		337		387	DEAD
138		188		238		288	(B)	338		388	
139		189		239		289		339	(B)	389	
140		190		240	DEAD	290		340		390	
141		191		241		291	0.3m	341		391	
142		192		242		292	(B)	342		392	
143		193		243		293		343		393	
144		194		244		294		344	DEAD	394	
145		195		245		295		345	DEAD	395	
146		196		246		296		346	DEAD	396	
147		197		247		297		347		397	
148		198	0.3m	248		298		348		398	
149		199	0.5m	249		299		349		399	
150		200		250		300		350		400	

受振器設置状況表 S04-1

標準展開長は2.7mである

表記m数は間隔である

伊勢平野地下構造調査作業場

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
1		51		101		151		201		251	(S)(B)
2		52		102		152		202	(B)	252	(B)
3		53		103		153		203		253	
4		54		104		154		204		254	
5		55		105		155		205	(B)	255	
6		56		106		156		206	(B)	256	
7		57		107		157		207		257	0.3m
8		58		108		158		208	(B)	258	1m
9		59		109		159		209	(B)	259	(B)
10		60		110		160		210	(B)	260	(B)
11		61		111		161		211	(B)	261	(B)
12		62		112		162		212	(B)	262	(B)
13		63		113		163		213		263	(B)
14	1m	64		114		164		214		264	(S)(B)
15	1m	65		115		165		215		265	(S)(B)
16	1m	66		116	1.5m	166		216		266	(S)(B)
17		67		117	(B)	167		217		267	(S)(B)
18	0.3m	68		118		168		218		268	
19		69		119		169		219		269	1m
20		70		120		170		220	0.2m	270	(B)
21		71		121		171		221		271	DEAD
22		72		122		172		222		272	DEAD
23		73		123		173		223		273	DEAD
24		74		124		174		224		274	(S)(B)
25	0.3m	75		125		175		225		275	(S)(B)
26		76	0.3m	126		176		226		276	(S)(B)
27	1m	77		127		177	(B)	227	1m	277	(S)(B)
28		78		128		178		228		278	(S)(B)
29		79		129		179		229	1m	279	(S)(B)
30	0.3m	80		130		180		230	1m	280	(S)(B)
31		81	0.2m	131		181	(B)	231	1m	281	(S)(B)
32		82		132		182		232	1.4m	282	(S)(B)
33		83		133		183		233		283	(S)(B)
34		84		134		184		234		284	(S)(B)
35		85		135		185		235		285	(S)(B)
36		86		136		186		236		286	(S)(B)
37		87		137		187		237		287	(S)(B)
38		88		138	(B)	188		238		288	(S)(B)
39		89		139		189		239		289	(S)(B)
40		90		140		190		240		290	(S)(B)
41		91		141		191	(B)	241		291	(S)(B)
42		92		142		192		242		292	(S)(B)
43	1m	93		143		193	(S)(B)	243		293	(S)(B)
44		94		144		194		244		294	(B)
45	(B)	95		145	1m	195		245		295	1m
46		96		146		196		246		296	(B)
47	0.1m	97		147		197		247		297	(S)(B)
48		98		148		198		248		298	
49		99		149		199		249	(S)(B)	299	(B)
50		100		150		200		250	(S)(B)	300	(B)

受振器設置状況表 S04-1

標準展開長は2.7mである

表記m数は間隔である

伊勢平野地下構造調査作業場

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
301	(B)	351		401	0.1m	451	1m	3001		4001	
302	DEAD	352		402		452	1m	3002		4002	
303	DEAD	353		403		453	0.1m	3003		4003	
304	DEAD	354		404		454	1m	3004		4004	(B)
305	(B)	355	1m	405		455	0.3m	3005		4005	
306		356		406		456	1m	3006		4006	
307		357	0.2m	407		457	1m	3007		4007	
308	1m	358	(B)	408		458	1m	3008		4008	
309	1m	359	(B)	409		459	1m	3009	0.4m	4009	
310		360	0.5m	410	0.1m	460	1m	3010		4010	
311		361		411	0.1m	461	0.5m	3011		4011	
312		362		412	DEAD	462	0.1m	3012		4012	
313		363	0.3m	413	DEAD	463	1m	3013		4013	
314	0.5m	364	0.3m	414		464	0.3m	3014		4014	
315		365		415		465	DEAD	3015		4015	
316	1m	366		416		466	0.2m	3016	0.2m	4016	
317	1m	367		417		467	2m	3017		4017	
318	(B)	368	0.3m	418		468	0.1m	3018		4018	
319		369		419		469	0.1m	3019		4019	
320		370		420		470	1m	3020		4020	
321	(B)	371		421		471		3021		4021	
322	(B)	372		422		472		3022		4022	
323		373	0.3m	423		473		3023	0.6m	4023	
324		374	1.5m	424		474	(B)	3024		4024	
325		375	0.3m	425		475	(B)	3025		4025	
326		376		426		476	(B)	3026		4026	
327	(B)	377		427		477		3027	(B)	4027	
328		378		428		478		3028	(B)	4028	
329		379		429	(S)(B)	479		3029	(B)	4029	
330		380		430	0.5m	480		3030	(S)(B)	4030	
331		381		431		481		3031	(S)(B)	4031	
332		382		432	0.3m	482				4032	
333		383	0.1m	433	0.3m	483				4033	
334		384	DEAD	434	0.3m	484				4034	
335	0.3m	385	DEAD	435	0.3m	485	(B)			4035	
336	0.5m	386	0.1m	436	0.3m	486				4036	
337		387		437	0.3m	487				4037	
338	0.1m	388		438	0.3m	488				4038	(S)(B)
339		389		439	0.3m	489				4039	
340	(B)	390		440	0.3m	490				4040	
341		391	0.1m	441	0.3m	491				4041	
342		392		442	0.3m	492				4042	
343		393		443	0.3m	493				4043	
344		394		444	0.1m	494				4044	
345	(B)	395		445	1m	495				4045	
346		396		446	0.3m	496					
347		397		447	0.3m	497					
348		398		448	0.3m	498					
349		399		449	0.3m	499					
350	0.2m	400		450	0.3m	500					

MS-2000 設置展開表

Area	四日市市, 津市
Name	塚原

観測車設置

No.	CH接続状況	設置日時							
		日	時	日	時	日	時		
1	ch1のみ	04/08/02	11:00am	04/08/02	11:00am	04/08/02		04/08/10	12:00
		装置 シリアル番号			MS-2000 AD			MS-2000 REC	
		80		93		2-139		2-138	

ラインアップ設置

No.	CH接続状況	設置日時							
		日	時	日	時	日	時		
		装置 シリアル番号							
		MS-2000 AD			MS-2000 REC				
1									
2									
3									

野外設置

No.	Field Location 番号	File内 TRC番号	設置状況	設置日時					
				日	04/08/02		04/08/02	04/08/04	04/08/10
				時	11:00		11:00	14:15	12:00
Dead, その他の情報				装置 シリアル番号					
				MS-2000 AD			MS-2000 REC		
1	3011	1		5 8		2-121			
	3016	6							
2	3021	1	8/4 09:57 ~ 14:15(ADとの通信不良のため記録なし)ADC Reset Time out try again	102		2-122	8/4 14:15		
	3026	6							
3	3031	1		1065		2-123			
	3036	6							
4	3041	1		144		2-124			
	3046	6							
5	3051	1		140		2-125			
	3056	6							
6	3061	1		61		2-126			
	3066	6							
7	3071	1	3075 5m Low側へ移動	127		2-127			
	3076	6							
8	3081	1	ジオフォンテスト不良8/4 14:00 ch.1,5,6	1053	8/4 14:00 212	2-128			
	3086	6							
9	3091	1	30m間隔 ch.1 High 4m, ch5 Low 4m 移動	41		2-129			
	3096	6							
10	3101	1		65		2-130			
	3106	6							
11	3111	1		93		2-131			
	3116	6							
12	6011	1	津県庁舎 8/11shutdown処理を行っていない	8/10 1065				2-134	
	6016	6							
13	6021	1	学校	8/10 212				2-136	
	6026	6							
14	6031	1	志登茂川 養魚場横	8/10 1041				2-135	
	6036	6							
15									
16									