

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE	
東京都地下構造調査03			TOKYO-03 (W E)					2003/12/5		CLOUDY		LIGHT			K.AOKI		1	
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES	REMARKS				
REEL NO. 1		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	CH.477	CH.	CH.						
1	G.P.							1	-	477								Geophone Pulse
2	S.R.							1	-	477								Pulse Response
3	G.N.							1	-	477								Ground Noise
4	N.G.																	N.G.
5	4002	90%	4	Fix	50			4002	1	-	477	10	12	6	2			Sweep Frequency 6-40Hz
6	4002	90%	4	Fix	50			4002	1	-	477	20	12	6	2			Sweep Frequency 6-40Hz
7	4002	90%	4	Fix	50			4002	1	-	477	20	12	6	2			Sweep Frequency 6-40Hz
8	4002	90%	4	Fix	50			4002	1	-	477	40	12	6	2			Sweep Frequency 6-40Hz
9	4002	90%	4	Fix	50			4002	1	-	477	20	12	6	2			Sweep Frequency 8-50Hz
10	4002	90%	4	Fix	50			4002	1	-	477	40	12	6	2			Sweep Frequency 8-50Hz
11	N.G.																	N.G.
12	4003	90%	4	Fix	50			4003	1	-	477	20	12	6	2			
13	4004	90%	4	Fix	50			4004	1	-	477	20	12	6	2			
14	4001	90%	4	Fix	50			4001	1	-	477	20	12	6	2			
15	4005	50%	2	Fix	15			4005	1	-	477	20	12	6	2			
16	4006	50%	2	Fix	15			4006	1	-	477	20	12	6	2			
17	4007	90%	2	Fix	15			4007	1	-	477	20	12	6	2			
18	G.N.							1	-	477								Ground Noise

Rec.Length 8sec. Saqmple Rate 4ms.
Sweep Frequency 8-50Hz
Dead Loc.233

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE
東京都地下構造調査03			TOKYO-03 (W E)					2003/12/6		CLOUDY		LIGHT			K.AOKI		2
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES	REMARKS			
REEL NO. 1									SPREAD (GEOPHONE LOCATIONS USED)								
FIELD REC. FILE NO.	SP or VP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	CH.1	400 CH.	CH.	No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
19	N.G.								1	-	400						N.G.
20	D.R.								1	-	400						Dynamic Range
21	S.N.								1	-	400						System Noise
22	S.R.								1	-	400						Pulse Response
23	L.V.								1	-	400						Geophone Pulse
24	G.N.								1	-	400						Ground Noise
25	4013	40%	2	Fix	15			4013	1	-	400	10	12	6	2		
26	4012	50%	4	Fix	50			4012	1	-	400	10	12	6	2		
27	4011	50%	4	Fix	50			4011	1	-	400	20	12	6	2		
28	4010	50%	4	Fix	50			4010	1	-	400	20	12	6	2		
29	4009	90%	4	Fix	50			4009	1	-	400	20	12	6	2		
30	3004	30%	2	Fix	15			3004	1	-	400	20	12	6	2		
31	3005	30%	2	Fix	15			3005	1	-	400	20	12	6	2		
32	3010	30%	2	Fix	15			3010	1	-	400	20	12	6	2		
33	3012	30%	2	Fix	15			3012	1	-	400	20	12	6	2		
34	3017	50%	2	Fix	15			3017	1	-	400	20	12	6	2		
35	3020.5	30%	2	Fix	15			3020.5	1	-	400	10	12	6	2		
36	3023	30%	2	Fix	15			3023	1	-	400	10	12	6	2		
37	3025	30%	2	Fix	15			3025	1	-	400	10	12	6	2		
38	3029	30%	2	Fix	15			3029	1	-	400	10	12	6	2		

PROSPECT 東京都地下構造調査03				LINE TOKYO-03 (W E)				DATE 2003/12/6		WEATHER CLOUDY		WIND LIGHT		TEMP	OBSERVER K.AOKI		PAGE 3
FIELD TAPE REEL NO. 1		SOURCE							RECEIVER					BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SP or VP 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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
									CH.1	400 CH.	CH.						
39	3031	50%	1	Fix				3031	1	-	400		20	12	6	2	
40	3035	50%	1	Fix				3035	1	-	400		10	12	6	2	
41	275	50%	1	Fix				275	75	-	474		20	12	6	2	
42	4022	90%	1	Fix				4022	1	-	400		20	12	6	2	
43	278	50%	1	Fix				278	78	-	477		15	12	6	2	
44	280.5	50%	1	Fix				280.5	80	-	479		10	12	6	2	
45	289	40%	1	Fix				289	89	-	488		10	12	6	2	
46	292	50%	1	Fix				292	92	-	491		20	12	6	2	
47	G.N.								92	-	491						Ground Noise

Rec.Length 8sec. Sample Rate 4ms.
Sweep Frequency 8-50Hz
Dead Loc.233

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/7		FINE		LIGHT				K.AOKI		4				
FIELD TAPE		SOURCE						RECEIVER				BAD TRACES		REMARKS				
REEL NO. 1		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	400 CH.	CH.							
48	D.R.							230 - 629										Dynamic Range
49	S.N.							230 - 629										System Noise
50	S.R.							230 - 629										Pulse Response
51	L.V.							230 - 629										Geophone Pulse
52	L.V.							230 - 629										Geophone Pulse
53	G.N.							230 - 629										Ground Noise
54	4023	50%	2	Fix	15			4023	230 - 629		10	12	6	2				
55	4024	50%	2	Fix	15			4024	230 - 629		20	12	6	2				
56	4026	50%	1	Fix				4026	230 - 629		20	12	6	2				
57	4025	90%	1	Fix				4025	170 - 569		20	12	6	2				
58	356	50%	1	Fix				356	156 - 555		20	12	6	2				
59	4027	30%	1	Fix				4027	170 - 569		20	12	6	2				
60	4028	30%	1	Fix				4028	170 - 569		10	12	6	2				
61	379	30%	1	Fix				379	179 - 578		10	12	6	2				
62	386.5	70%	1	Fix				386.5	186 - 585		10	12	6	2				
63	392	70%	1	Fix				392	192 - 591		20	12	6	2				
64	396	70%	1	Fix				396	196 - 595		20	12	6	2				
65	4029	90%	1	Fix				4029	170 - 569		10	12	6	2				
66	3121	50%	2	Fix	15			3121	230 - 629		20	12	6	2				
67	3124	50%	2	Fix	15			3124	230 - 629		20	12	6	2				

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/8		FINE		LIGHT				K.AOKI		6				
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES		REMARKS			
REEL NO. 1		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	400 CH.	CH.							
70	D.R.							333 - 732										Dynamic Range
71	S.N.							333 - 732										System Noise
72	S.R.							333 - 732										Pulse Response
73	L.V.							333 - 732										Geophone Pulse
74	G.N.							333 - 732										Ground Noise
75	4036	50%	2	Fix	15			4036	360 - 759		20	12	6	2				
76	4035	50%	2	Fix	15			4035	360 - 759		20	12	6	2				
77	4034	70%	2	Fix	15			4034	360 - 759		20	12	6	2				
78	4032	50%	1	Fix				4032	360 - 759		20	12	6	2				
79	4033	50%	1	Fix				4033	360 - 759		20	12	6	2				
80	583	70%	2	Fix	15			583	383 - 782		20	12	6	2				
81	592.5	50%	2	Fix	15			592.5	392 - 791		20	12	6	2				
82	598.5	50%	2	Fix	15			598.5	398 - 797		20	12	6	2				
83	557	50%	2	Fix	15			557	357 - 756		20	12	6	2				
84	553	70%	2	Fix	15			553	353 - 752		20	12	6	2				
85	545.5	50%	1	Fix				545.5	345 - 744		20	12	6	2				
86	533	70%	2	Fix	15			533	333 - 732		20	12	6	2				
87	533	50%	2	Fix	15			533	333 - 732		30	12	6	2				
88	4037	50%	1	Fix				4037	430 - 829		10	12	6	2				
89	4038	70%	1	Fix				4038	430 - 829		20	12	6	2				



SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/9		FINE		LIGHT				K.AOKI		8				
FIELD TAPE		SOURCE						RECEIVER				BAD TRACES		REMARKS				
REEL NO. 1		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
FIELD REC. FILE NO.	SP or VP NO.								CH.1	400 CH.	CH.							
99	D.R.							1 - 400										Dynamic Range
100	S.N.							1 - 400										System Noise
101	S.R.							1 - 400										Pulse Response
102	L.V.							1 - 400										Geophone Pulse
103	G.N.							1 - 400										Ground Noise
104	4014	90%	1	Fix			4014	1 - 400		20	12	6	2					
105	4015	90%	1	Fix			4015	1 - 400		20	12	6	2					
106	4016	90%	1	Fix			4016	1 - 400		20	12	6	2					
107	102	90%	1	Fix			102	1 - 400		20	12	6	2					
108	106.5	90%	1	Fix			106.5	1 - 400		20	12	6	2					
109	110	90%	1	Fix			110	1 - 400		20	12	6	2					
110	115	90%	1	Fix			115	1 - 400		20	12	6	2					
111	121	90%	1	Fix			121	1 - 400		20	12	6	2					
112	124	90%	1	Fix			124	1 - 400		20	12	6	2					
113	128	90%	1	Fix			128	1 - 400		20	12	6	2					
114	132	90%	1	Fix			132	1 - 400		20	12	6	2					
115	135	90%	1	Fix			135	1 - 400		20	12	6	2					
116	140	90%	1	Fix			140	1 - 400		20	12	6	2					
117	145	90%	1	Fix			145	1 - 400		20	12	6	2					
118	148	90%	1	Fix			148	1 - 400		20	12	6	2					

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE
東京都地下構造調査03			TOKYO-03 (W E)					2003/12/11		Rain		LIGHT			K.AOKI		11
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES	REMARKS			
REEL NO. 2		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	1077 CH.	CH.						
154	D.R.							1	-	1077							Dynamic Range
155	S.N.							1	-	1077							System Noise
156	S.R.							1	-	1077							Pulse Response
157	L.V.							1	-	1077							Geophone Pulse
158	G.N.							1	-	1077							Ground Noise
159	4030	70%	4	Fix	50		4030	1	-	1077	25	12	6	2			
160	4030	70%	4	Fix	50		4030	1	-	1077	50	12	6	2			
161	4030	70%	4	Fix	50		4030	1	-	1077	100	12	6	2			
162	4030	70%	4	Fix	50		4030	1	-	1077	150	12	6	2			
163	3111	30%	2	Fix	15		3111	1	-	1077	5	12	6	2			
164	3109	50%	4	Fix	50		3109	1	-	1077	20	12	6	2			
165	3107	50%	4	Fix	50		3107	1	-	1077	20	12	6	2			
166	G.N.							1	-	1077							Ground Noise

Rec.Length 16sec. Sample Rate 4ms.
Sweep Frequency 6-40Hz
Dead Loc.233 Loc.880-881 Loc.1030-1031

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/12		Rain		LIGHT				K.AOKI		12				
FIELD TAPE		SOURCE						RECEIVER				BAD TRACES		REMARKS				
REEL NO. 2		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	1077 CH.	CH.							
167	D.R.							1	-	1077								Dynamic Range
168	S.N.							1	-	1077								System Noise
169	S.R.							1	-	1077								Pulse Response
170	L.V.							1	-	1077								Geophone Pulse
171	G.N.							1	-	1077								Ground Noise
172	1058	90%	4	Fix	50			1058	1	-	1077	20	12	6	2			
173	1063	50%	4	Fix	50			1063	1	-	1077	20	12	6	2			
174	1068	90%	4	Fix	50			1068	1	-	1077	20	12	6	2			
175	1073	50%	4	Fix	50			1073	1	-	1077	10	12	6	2			
176	1077	50%	2	Fix	15			1077	1	-	1077	10	12	6	2			
177	1053	50%	4	Fix	50			1053	1	-	1077	10	12	6	2			
178	1048	50%	4	Fix	50			1048	1	-	1077	10	12	6	2			
179	1043	50%	4	Fix	50			1043	1	-	1077	10	12	6	2			
180	1025	50%	4	Fix	50			1025	1	-	1077	10	12	6	2			
181	1020	50%	4	Fix	50			1020	1	-	1077	20	12	6	2			
182	1010	90%	4	Fix	50			1010	1	-	1077	10	12	6	2			
183	1000	90%	4	Fix	50			1000	1	-	1077	10	12	6	2			
184	995	90%	4	Fix	50			995	1	-	1077	10	12	6	2			
185	992	50%	4	Fix	50			992	1	-	1077	10	12	6	2			
186	985	50%	4	Fix	50			985	1	-	1077	5	12	6	2			

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE			
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/14		Fine		LIGHT				K.AOKI		14			
FIELD TAPE		SOURCE						RECEIVER				BAD TRACES		REMARKS			
REEL NO. 3		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	1077 CH.	CH.						
198	D.R.							1 - 1077									Dynamic Range
199	S.N.							1 - 1077									System Noise
200	S.R.							1 - 1077									Pulse Response
201	L.V.							1 - 1077									Geophone Pulse
202	G.N.							1 - 1077									Ground Noise
203	420	50%	1	Fix			420	220 - 619		5	12	6	2				
204	427	90%	1	Fix			427	227 - 626		10	12	6	2				
205	430	90%	1	Fix			430	230 - 629		10	12	6	2				
206	449	90%	1	Fix			449	249 - 648		10	12	6	2				
207	454	90%	1	Fix			454	254 - 653		10	12	6	2				
208	466	90%	1	Fix			466	266 - 665		10	12	6	2				
209	472	90%	1	Fix			472	272 - 671		10	12	6	2				
210	477	90%	1	Fix			477	277 - 676		10	12	6	2				
211	483	90%	1	Fix			483	283 - 682		10	12	6	2				
212	489.5	50%	1	Fix			489.5	289 - 688		10	12	6	2				
213	493	50%	1	Fix			493	293 - 692		10	12	6	2				
214	498	50%	1	Fix			498	298 - 697		10	12	6	2				
215	507	50%	1	Fix			507	307 - 706		5	12	6	2				
216	514	50%	1	Fix			514	314 - 713		5	12	6	2				
217	522	90%	1	Fix			522	322 - 721		10	12	6	2				

PROSPECT				LINE				DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE	
東京都地下構造調査03				TOKYO-03 (W E)				2003/12/14		Fine		LIGHT			K.AOKI		15	
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES	REMARKS				
REEL NO. 3									SPREAD (GEOPHONE LOCATIONS USED)									
FIELD REC. FILE NO.	SP or VP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	CH.1	1077 CH.	CH.	No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
218	660.5	90%	1	Fix				660.5	460	-	859		10	12	6	2	Rec.Length 8sec. Sample Rate 4ms. Sweep Frequency 8-50Hz Dead Loc.233 Loc.880-881 Loc.1030-1031 Mini VIB.	
219	667.5	50%	1	Fix				667.5	467	-	866		5	12	6	2		
220	688	90%	1	Fix				688	488	-	887		10	12	6	2		
221	762.5	50%	1	Fix				762.5	562	-	961		10	12	6	2		
222	766	50%	1	Fix				766	566	-	965		10	12	6	2		
223	769.5	50%	1	Fix				769.5	569	-	968		10	12	6	2		
224	773.5	50%	1	Fix				773.5	573	-	972		10	12	6	2		
225	778	90%	1	Fix				778	578	-	977		20	12	6	2		
226	780	50%	1	Fix				780	580	-	979		10	12	6	2		
227	782	50%	1	Fix				782	582	-	981		20	12	6	2		
228	784	50%	1	Fix				784	584	-	983		10	12	6	2		
229	833.5	50%	1	Fix				833.5	633	-	1032		5	12	6	2		
230	839	50%	1	Fix				839	639	-	1038		5	12	6	2		
231	843	50%	1	Fix				843	643	-	1042		5	12	6	2		
232	4054	90%	1	Fix				4054	670	-	1069		20	12	6	2		
233	4053	90%	1	Fix				4053	670	-	1069		20	12	6	2		
234	4052	90%	1	Fix				4052	3852	-	4251		20	12	6	2		
235	876	90%	1	Fix				876	676	-	1075		20	12	6	2		
236	879	90%	1	Fix				879	679	-	1078			12	6	2		
237	G.N.								679	-	1078						Ground Noise	

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE			
東京都地下構造調査03		TOKYO-03 (W E)		2003/12/15		Fine		LIGHT				K.AOKI		16			
FIELD TAPE		SOURCE							RECEIVER				BAD TRACES		REMARKS		
REEL NO. 3		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 (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
FIELD REC. FILE NO.	SP or VP NO.								CH.1	1077 CH.	CH.						
238	D.R.							609 - 1077									Dynamic Range
239	S.N.							609 - 1077									System Noise
240	S.R.							609 - 1077									Pulse Response
241	L.V.							609 - 1077									Geophone Pulse
242	G.N.							609 - 1077									Ground Noise
243	957	90%	2	Fix	15		957	607 - 1077		10	12	6	2				
244	953	50%	2	Fix	15		953	607 - 1077		4	12	6	2				
245	944	50%	2	Fix	15		944	607 - 1077		5	12	6	2				
246	938	50%	2	Fix	15		938	607 - 1077		10	12	6	2				
247	924	50%	2	Fix	15		924	607 - 1077		10	12	6	2				
248	913	90%	2	Fix	15		913	607 - 1077		20	12	6	2				
249	909	90%	2	Fix	15		909	607 - 1077		20	12	6	2				
250	904	90%	2	Fix	15		904	607 - 1077		20	12	6	2				
251	892	90%	2	Fix	15		892	607 - 1077		20	12	6	2				
252	889	90%	2	Fix	15		889	607 - 1077		20	12	6	2				
253	886	90%	2	Fix	15		886	607 - 1077		20	12	6	2				
254	745	50%	1	Fix			745	607 - 1077		20	12	6	2				
255	749	70%	1	Fix			749	607 - 1077		20	12	6	2				
256	752	70%	1	Fix			752	607 - 1077		20	12	6	2				
257	4048	50%	1	Fix			4048	607 - 1077		20	12	6	2				

