FreeField

2006 61712 3 6.992428.2812151.99 20.393.33 4 7.52540.17 0.1 0.1 F 4B 18171202.P06 4

ILA062 2 7.53 3.64 5.62 6.04 36.0 T563001.168 A900 20060617120031. 267.

ILA050 3 13.60 5.68 17.16 21.18 36.0 T327001.168 A900 20060617120254. 249.

ILA052 2 15.44 1.26 5.98 2.46 36.0 T404001.168 A900 20060617120254. 354.

ILA055 1 30.08 1.50 1.20 1.38 10.0 48908700.IDS IDS 20060617120360. 349.

Definition of data format：

- header-

Position		Columns	Meaning	Format
Start	End			
1	4	4	AD annals#	integer
5	6	2	Month#	integer
7	8	2	Day#	integer
9	10	2	Hour#	integer
11	12	2	Minute#	integer
13	18	6	Second#	Real(2 decimal places)
19	20	2	Latitude (degree)#	integer
21	25	5	Latitude (minute)#	real(2 decimal places)
26	28	3	Longitude (degree)#	integer
29	33	5	Longitude (minute)#	real(2 decimal places)
34	39	6	Depth (kilometer)#	real(2 decimal places)
40	43	4	Local Magnitude#	real(2 decimal places)
44	45	2	Station number(Strong motion stations triggered, it may over 99, based on the integer of final column)	integer
46	50	5	The shortest distance from epicenter to strong motion station (kilometer)	real(1 decimal places)
51	53	3	Gap of triggered stations (degree)	integer
54	57	4	The difference between observed and theoretical values (second)#	real(2 decimal places)
58	61	4	Error of horizontal locating (kilometer)#	real(1 decimal places)
62	65	4	Error of vertical locating (kilometer)#	real(1 decimal places)
66	66	1	Blank#	character
67	67	1	Method of locating (automatic：F；manual：X；earlier TTSN unknown seismic net：N)#	character
68	70	3	Number of strong earthquake records (use this value to read number of lines behind)	integer
71	71	1	Quality of locating：from good to bad classified to ABCD#	character
72	72	1	Blank#	character
73	84	12	File name：Save other related information of this earthquake, such like station, arrival time and waveforms of P wave and S wave.#	character
85	87	3	Number of triggered strong motion station	integer

P.S. # The parameters are the same with S13 header.

- stations recorded-

Position		Column	Meaning	Format
Start	End			
1	1	1	Blank	character
2	7	6	Station code	character
8	8	1	Blank	character
9	9	1	Intensity (1 to 7)	integer
10	11	2	Blank	character
12	17	6	Distance to epicenter (kilometer)	real(2 decimal places)
18	18	1	Blank	character
19	25	7	Max vertical acceleration of amplitude(cm/sec^2)#	real(2 decimal places)
26	32	7	Max South-North acceleration of amplitude(cm/sec^2)#	real(2 decimal places)
33	39	7	Max East-West acceleration of amplitude(cm/sec^2)#	real(2 decimal places)
40	45	6	Duration of record (second)	real(1 decimal places)
46	46	1	Blank	character
47	58	12	File name of original record	character
59	59	1	Blank	character
60	63	4	Instrument code	character
64	64	1	Blank	character
65	79	15	Starting time of record (YYYYMMDDHHMNSS)	real(0 decimal places)
80	81	2	Blank	character
82	85	4	Azimuth of station (degree)	real(0 decimal places)

P.S.# The value would be 0.00 if the seismic data is flawed.