XFEL
X-Ray Free-Electron Laser

DESY

Database for XFEL components

Beam Dynamics Meeting

Monday, Nov. 26, 2007

Sascha Meykopff

Current: Excel Table

- Advantage:
  - easy and well known interface
- Disadvatage:
  - no user magnagement
  - distribution over web page
  - local files
  - no consistency check

Microsoft Excel - component_list_v4.1.2_pre.xls

Datei Bearbeiten Ansicht Einfügen Format Extras Daten Fenster ? Adobe PDF

Frage hier eingeben

G3

XFEL Componentlist Version 4.1.1(Mid Coordiantes)

11-09-2007

Winfried.Decking@desy.de

LONGLIST gives an (almost) complete element listing of the XFEL.

LENGTH is the element length

STRENGTH is integrated magnet strength / acccelerating gradient

S is element mid position along the beam line

X,Y,Z is horizontal,vertical,longitudinal element mid position (right handed coordinate system) with respect to XFEL_LA system

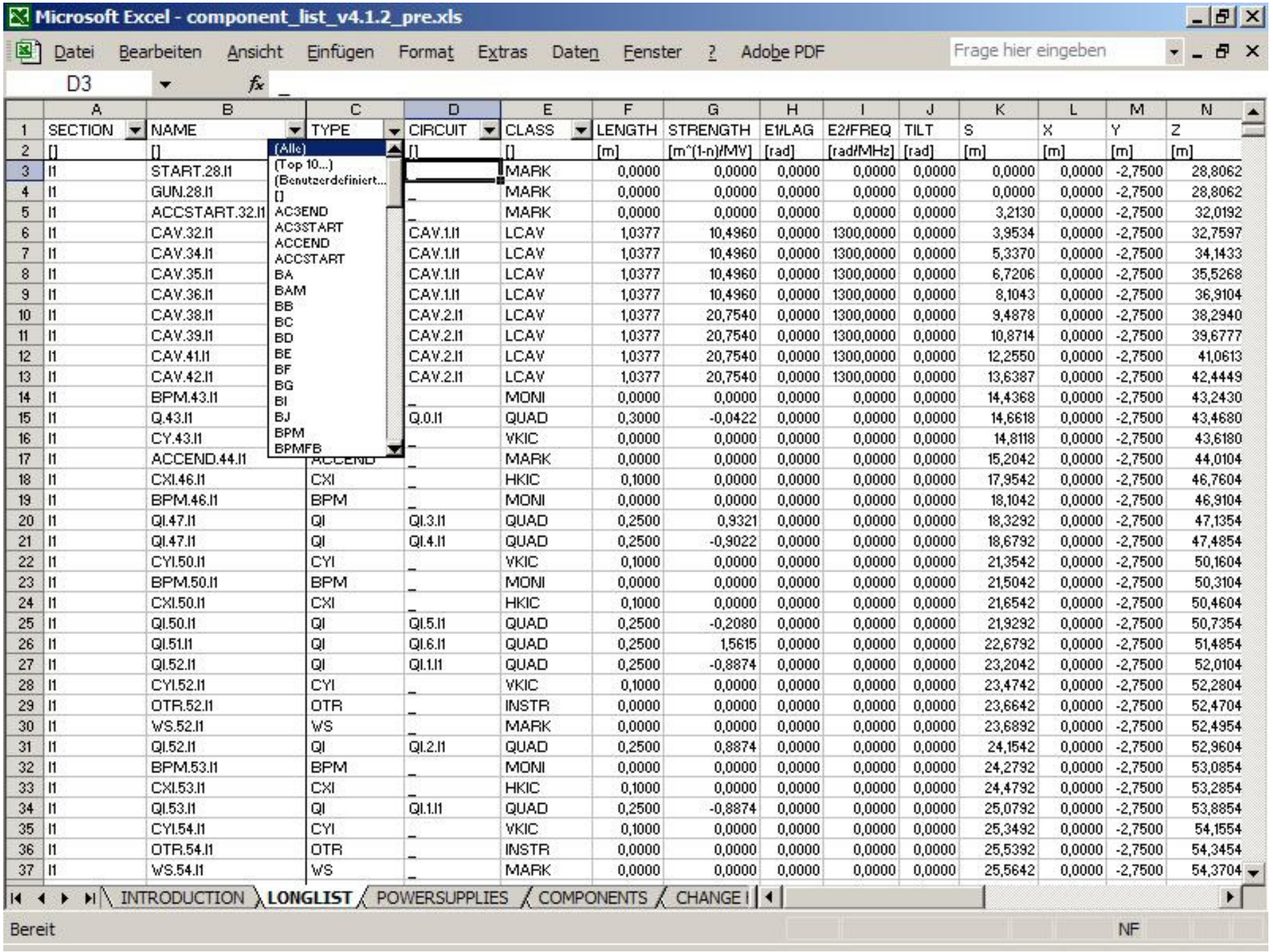
THETA,PHI,CHI is horizontal,vertical,longitudinal element mid angle (right handed coordinate system) with respect to XFEL_LA system

Sectionname	Section	Building	Power Supplies Position	Section Start [m]	Section End [m]
I1	Injector 1	XTIN	XHEIN	0	92
I1D	Injector 1_Dun	XTIN	XHEIN	60	68
I2	Injector 2	XTIN	XHEIN	0	92
I2D	Injector 2 Dum	XTIN	XHEIN	60	68
L1	Linac 1	XTL	XHEIN	92	169
B1	Compressor 1	XTL	XHEIN	169	227
B1D	Compressor 1	XTL	XHEIN	224	229
L2	Linac 2	XTL	XHEIN	227	376
B2	Compressor 2	XTL	XHEIN	376	461
B2D	Compressor 2	XTL	XHEIN	455	461
L3	Main Linac	XTL	XHE1	461	1682
CL	Collimation	XTL	XHE1	1682	1908

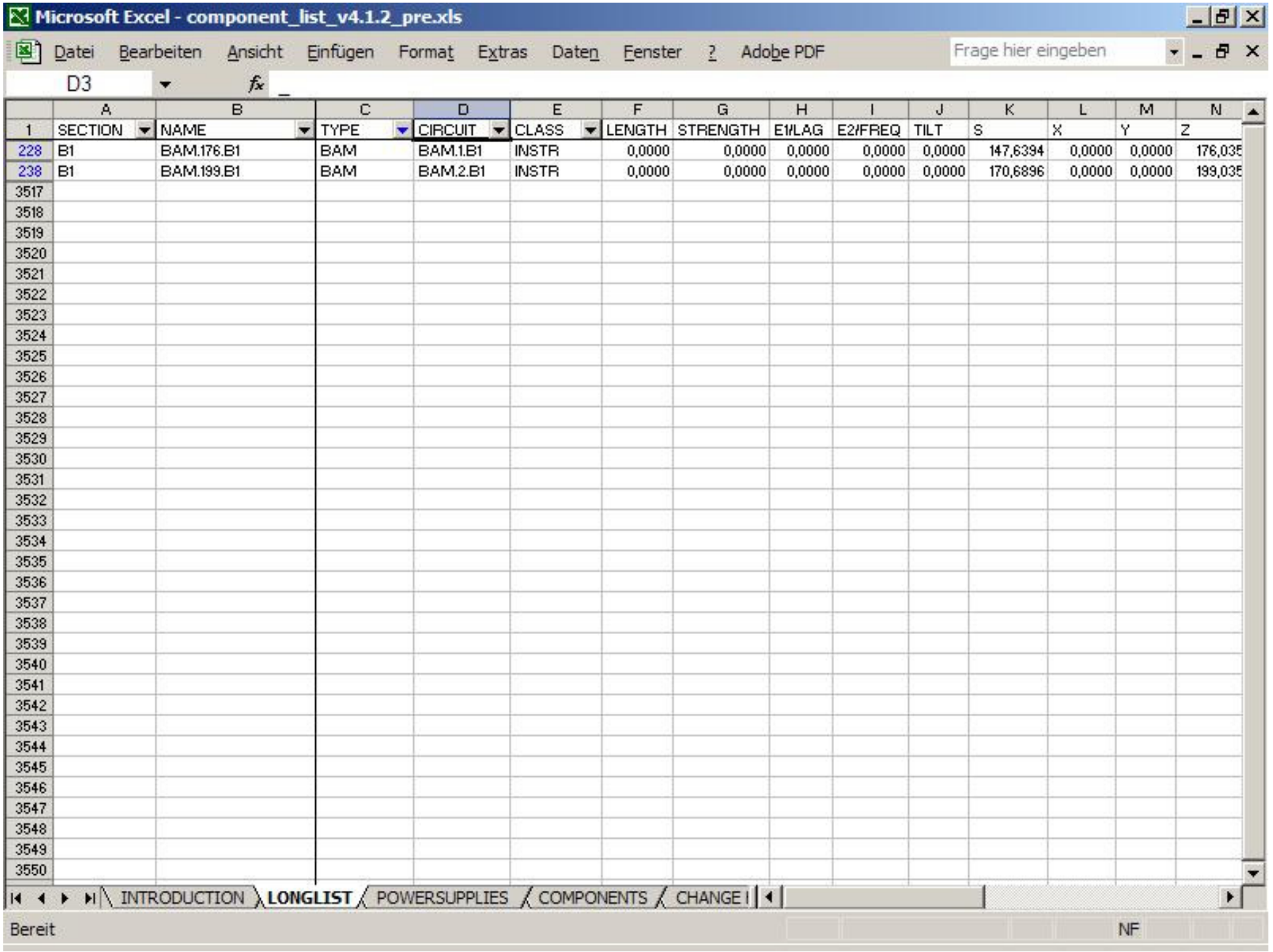
INTRODUCTION | LONGLIST | POWERSUPPLIES | COMPONENTS | CHANGE I

Bereit

NF



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	SECTION	NAME	TYPE	CIRCUIT	CLASS	LENGTH	STRENGTH	E1/LAG	E2/FREQ	TILT	S	X	Y	Z
2	[]	[]		[]	[]	[m]	[m^(1-n)/MV]	[rad]	[rad/MHz]	[rad]	[m]	[m]	[m]	[m]
3	I1	START.28.I1			MARK	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	-2,7500	28,8062
4	I1	GUN.28.I1		_	MARK	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	-2,7500	28,8062
5	I1	ACCSTART.32.I1		_	MARK	0,0000	0,0000	0,0000	0,0000	0,0000	3,2130	0,0000	-2,7500	32,0192
6	I1	CAV.32.I1		CAV.1.I1	LCAV	1,0377	10,4960	0,0000	1300,0000	0,0000	3,9534	0,0000	-2,7500	32,7597
7	I1	CAV.34.I1		CAV.1.I1	LCAV	1,0377	10,4960	0,0000	1300,0000	0,0000	5,3370	0,0000	-2,7500	34,1433
8	I1	CAV.35.I1		CAV.1.I1	LCAV	1,0377	10,4960	0,0000	1300,0000	0,0000	6,7206	0,0000	-2,7500	35,5268
9	I1	CAV.36.I1		CAV.1.I1	LCAV	1,0377	10,4960	0,0000	1300,0000	0,0000	8,1043	0,0000	-2,7500	36,9104
10	I1	CAV.38.I1		CAV.2.I1	LCAV	1,0377	20,7540	0,0000	1300,0000	0,0000	9,4878	0,0000	-2,7500	38,2940
11	I1	CAV.39.I1		CAV.2.I1	LCAV	1,0377	20,7540	0,0000	1300,0000	0,0000	10,8714	0,0000	-2,7500	39,6777
12	I1	CAV.41.I1		CAV.2.I1	LCAV	1,0377	20,7540	0,0000	1300,0000	0,0000	12,2550	0,0000	-2,7500	41,0613
13	I1	CAV.42.I1		CAV.2.I1	LCAV	1,0377	20,7540	0,0000	1300,0000	0,0000	13,6387	0,0000	-2,7500	42,4449
14	I1	BPM.43.I1		_	MONI	0,0000	0,0000	0,0000	0,0000	0,0000	14,4368	0,0000	-2,7500	43,2430
15	I1	Q.43.I1		Q.0.I1	QUAD	0,3000	-0,0422	0,0000	0,0000	0,0000	14,6618	0,0000	-2,7500	43,4680
16	I1	CY.43.I1		_	YKIC	0,0000	0,0000	0,0000	0,0000	0,0000	14,8118	0,0000	-2,7500	43,6180
17	I1	ACCEND.44.I1	ACCEND	_	MARK	0,0000	0,0000	0,0000	0,0000	0,0000	15,2042	0,0000	-2,7500	44,0104
18	I1	CXI.46.I1	CXI	_	HKIC	0,1000	0,0000	0,0000	0,0000	0,0000	17,9542	0,0000	-2,7500	46,7604
19	I1	BPM.46.I1	BPM	_	MONI	0,0000	0,0000	0,0000	0,0000	0,0000	18,1042	0,0000	-2,7500	46,9104
20	I1	QI.47.I1	QI	QI.3.I1	QUAD	0,2500	0,9321	0,0000	0,0000	0,0000	18,3292	0,0000	-2,7500	47,1354
21	I1	QI.47.I1	QI	QI.4.I1	QUAD	0,2500	-0,9022	0,0000	0,0000	0,0000	18,6792	0,0000	-2,7500	47,4854
22	I1	CYI.50.I1	CYI	_	YKIC	0,1000	0,0000	0,0000	0,0000	0,0000	21,3542	0,0000	-2,7500	50,1604
23	I1	BPM.50.I1	BPM	_	MONI	0,0000	0,0000	0,0000	0,0000	0,0000	21,5042	0,0000	-2,7500	50,3104
24	I1	CXI.50.I1	CXI	_	HKIC	0,1000	0,0000	0,0000	0,0000	0,0000	21,6542	0,0000	-2,7500	50,4604
25	I1	QI.50.I1	QI	QI.5.I1	QUAD	0,2500	-0,2080	0,0000	0,0000	0,0000	21,9292	0,0000	-2,7500	50,7354
26	I1	QI.51.I1	QI	QI.6.I1	QUAD	0,2500	1,5615	0,0000	0,0000	0,0000	22,6792	0,0000	-2,7500	51,4854
27	I1	QI.52.I1	QI	QI.1.I1	QUAD	0,2500	-0,8874	0,0000	0,0000	0,0000	23,2042	0,0000	-2,7500	52,0104
28	I1	CYI.52.I1	CYI	_	YKIC	0,1000	0,0000	0,0000	0,0000	0,0000	23,4742	0,0000	-2,7500	52,2804
29	I1	OTR.52.I1	OTR	_	INSTR	0,0000	0,0000	0,0000	0,0000	0,0000	23,6642	0,0000	-2,7500	52,4704
30	I1	WS.52.I1	WS	_	MARK	0,0000	0,0000	0,0000	0,0000	0,0000	23,6892	0,0000	-2,7500	52,4954
31	I1	QI.52.I1	QI	QI.2.I1	QUAD	0,2500	0,8874	0,0000	0,0000	0,0000	24,1542	0,0000	-2,7500	52,9604
32	I1	BPM.53.I1	BPM	_	MONI	0,0000	0,0000	0,0000	0,0000	0,0000	24,2792	0,0000	-2,7500	53,0854
33	I1	CXI.53.I1	CXI	_	HKIC	0,1000	0,0000	0,0000	0,0000	0,0000	24,4792	0,0000	-2,7500	53,2854
34	I1	QI.53.I1	QI	QI.1.I1	QUAD	0,2500	-0,8874	0,0000	0,0000	0,0000	25,0792	0,0000	-2,7500	53,8854
35	I1	CYI.54.I1	CYI	_	YKIC	0,1000	0,0000	0,0000	0,0000	0,0000	25,3492	0,0000	-2,7500	54,1554
36	I1	OTR.54.I1	OTR	_	INSTR	0,0000	0,0000	0,0000	0,0000	0,0000	25,5392	0,0000	-2,7500	54,3454
37	I1	WS.54.I1	WS	_	MARK	0,0000	0,0000	0,0000	0,0000	0,0000	25,5642	0,0000	-2,7500	54,3704



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	SECTION	NAME	TYPE	CIRCUIT	CLASS	LENGTH	STRENGTH	E1/LAG	E2/FREQ	TILT	S	X	Y	Z
228	B1	BAM.176.B1	BAM	BAM.1.B1	INSTR	0,0000	0,0000	0,0000	0,0000	0,0000	147,6394	0,0000	0,0000	176,035
238	B1	BAM.199.B1	BAM	BAM.2.B1	INSTR	0,0000	0,0000	0,0000	0,0000	0,0000	170,6896	0,0000	0,0000	199,035
3517														
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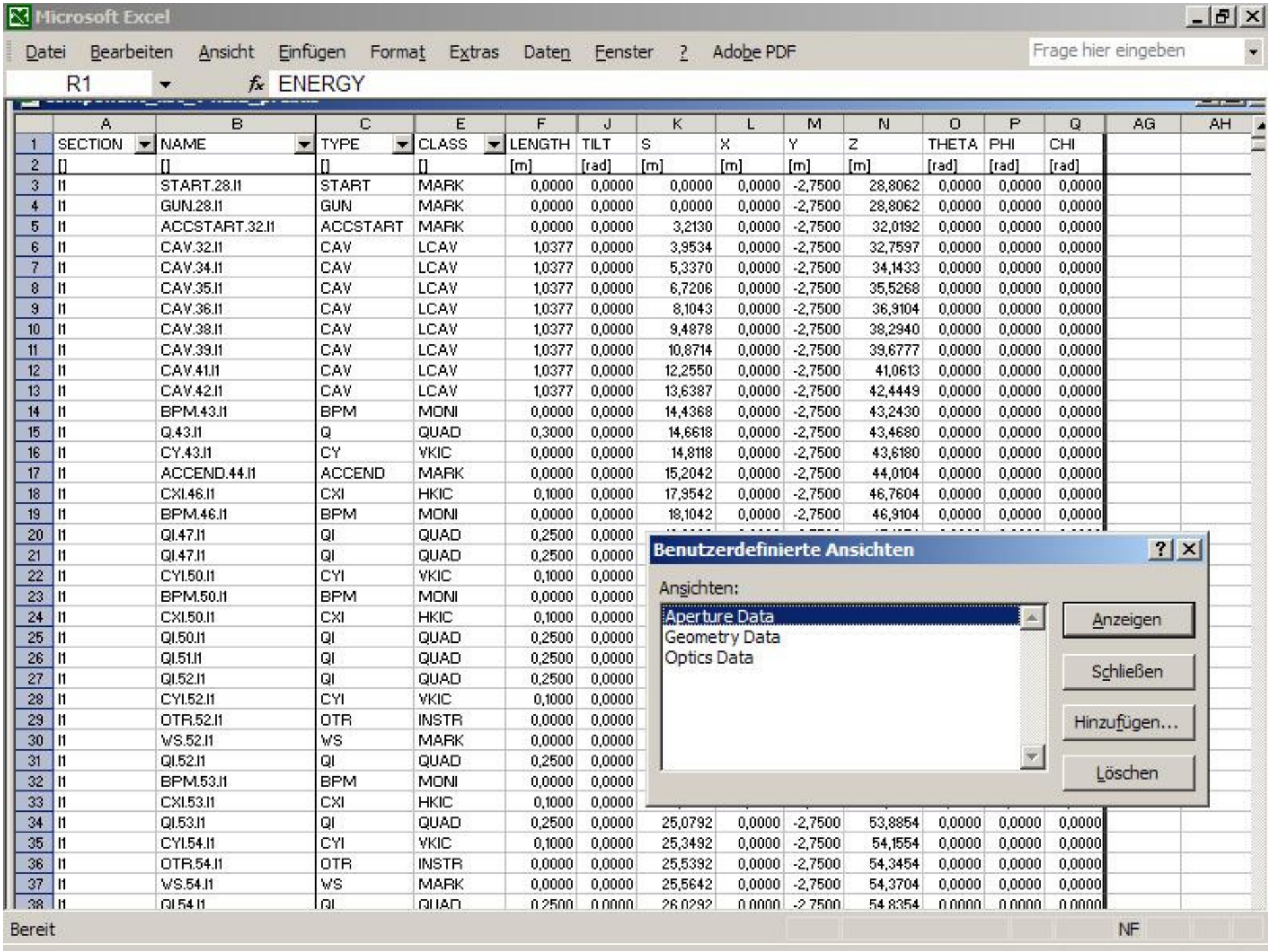
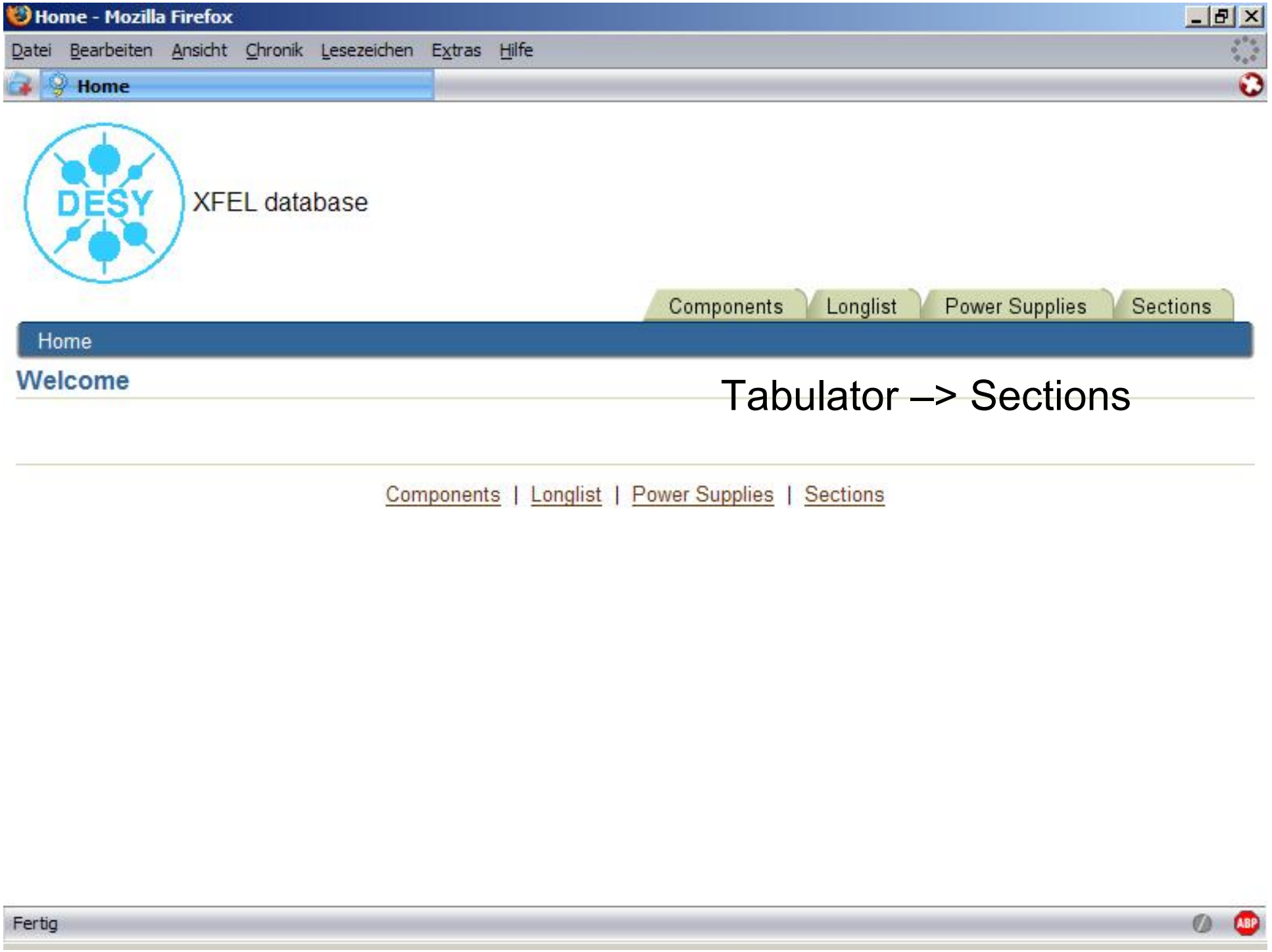


	A	B	C	E	F	J	K	L	M	N	O	P	Q	AG	AH
1	SECTION	NAME	TYPE	CLASS	LENGTH	TILT	S	X	Y	Z	THETA	PHI	CHI		
2	[]	[]	[]	[]	[m]	[rad]	[m]	[m]	[m]	[m]	[rad]	[rad]	[rad]		
3	I1	START.28.I1	START	MARK	0,0000	0,0000	0,0000	0,0000	-2,7500	28,8062	0,0000	0,0000	0,0000		
4	I1	GUN.28.I1	GUN	MARK	0,0000	0,0000	0,0000	0,0000	-2,7500	28,8062	0,0000	0,0000	0,0000		
5	I1	ACCSTART.32.I1	ACCSTART	MARK	0,0000	0,0000	3,2130	0,0000	-2,7500	32,0192	0,0000	0,0000	0,0000		
6	I1	CAV.32.I1	CAV	LCAV	1,0377	0,0000	3,9534	0,0000	-2,7500	32,7597	0,0000	0,0000	0,0000		
7	I1	CAV.34.I1	CAV	LCAV	1,0377	0,0000	5,3370	0,0000	-2,7500	34,1433	0,0000	0,0000	0,0000		
8	I1	CAV.35.I1	CAV	LCAV	1,0377	0,0000	6,7206	0,0000	-2,7500	35,5268	0,0000	0,0000	0,0000		
9	I1	CAV.36.I1	CAV	LCAV	1,0377	0,0000	8,1043	0,0000	-2,7500	36,9104	0,0000	0,0000	0,0000		
10	I1	CAV.38.I1	CAV	LCAV	1,0377	0,0000	9,4878	0,0000	-2,7500	38,2940	0,0000	0,0000	0,0000		
11	I1	CAV.39.I1	CAV	LCAV	1,0377	0,0000	10,8714	0,0000	-2,7500	39,6777	0,0000	0,0000	0,0000		
12	I1	CAV.41.I1	CAV	LCAV	1,0377	0,0000	12,2550	0,0000	-2,7500	41,0613	0,0000	0,0000	0,0000		
13	I1	CAV.42.I1	CAV	LCAV	1,0377	0,0000	13,6387	0,0000	-2,7500	42,4449	0,0000	0,0000	0,0000		
14	I1	BPM.43.I1	BPM	MONI	0,0000	0,0000	14,4368	0,0000	-2,7500	43,2430	0,0000	0,0000	0,0000		
15	I1	Q.43.I1	Q	QUAD	0,3000	0,0000	14,6618	0,0000	-2,7500	43,4680	0,0000	0,0000	0,0000		
16	I1	CY.43.I1	CY	YKIC	0,0000	0,0000	14,8118	0,0000	-2,7500	43,6180	0,0000	0,0000	0,0000		
17	I1	ACCEND.44.I1	ACCEND	MARK	0,0000	0,0000	15,2042	0,0000	-2,7500	44,0104	0,0000	0,0000	0,0000		
18	I1	CXI.46.I1	CXI	HKIC	0,1000	0,0000	17,9542	0,0000	-2,7500	46,7604	0,0000	0,0000	0,0000		
19	I1	BPM.46.I1	BPM	MONI	0,0000	0,0000	18,1042	0,0000	-2,7500	46,9104	0,0000	0,0000	0,0000		
20	I1	QI.47.I1	QI	QUAD	0,2500	0,0000									
21	I1	QI.47.I1	QI	QUAD	0,2500	0,0000									
22	I1	CYI.50.I1	CYI	YKIC	0,1000	0,0000									
23	I1	BPM.50.I1	BPM	MONI	0,0000	0,0000									
24	I1	CXI.50.I1	CXI	HKIC	0,1000	0,0000									
25	I1	QI.50.I1	QI	QUAD	0,2500	0,0000									
26	I1	QI.51.I1	QI	QUAD	0,2500	0,0000									
27	I1	QI.52.I1	QI	QUAD	0,2500	0,0000									
28	I1	CYI.52.I1	CYI	YKIC	0,1000	0,0000									
29	I1	OTR.52.I1	OTR	INSTR	0,0000	0,0000									
30	I1	WS.52.I1	WS	MARK	0,0000	0,0000									
31	I1	QI.52.I1	QI	QUAD	0,2500	0,0000									
32	I1	BPM.53.I1	BPM	MONI	0,0000	0,0000									
33	I1	CXI.53.I1	CXI	HKIC	0,1000	0,0000									
34	I1	QI.53.I1	QI	QUAD	0,2500	0,0000	25,0792	0,0000	-2,7500	53,8854	0,0000	0,0000	0,0000		
35	I1	CYI.54.I1	CYI	YKIC	0,1000	0,0000	25,3492	0,0000	-2,7500	54,1554	0,0000	0,0000	0,0000		
36	I1	OTR.54.I1	OTR	INSTR	0,0000	0,0000	25,5392	0,0000	-2,7500	54,3454	0,0000	0,0000	0,0000		
37	I1	WS.54.I1	WS	MARK	0,0000	0,0000	25,5642	0,0000	-2,7500	54,3704	0,0000	0,0000	0,0000		
38	I1	QI.54.I1	QI	QUAD	0,2500	0,0000	26,0292	0,0000	-2,7500	54,8354	0,0000	0,0000	0,0000		

New solution: Oracle ADF

- User interface inside your webbrowser
- No java applet
- One-click column sort
- Check consistency
- User management
- Excel export


Home - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Home
DESY
XFEL database
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Tabulator –> Sections
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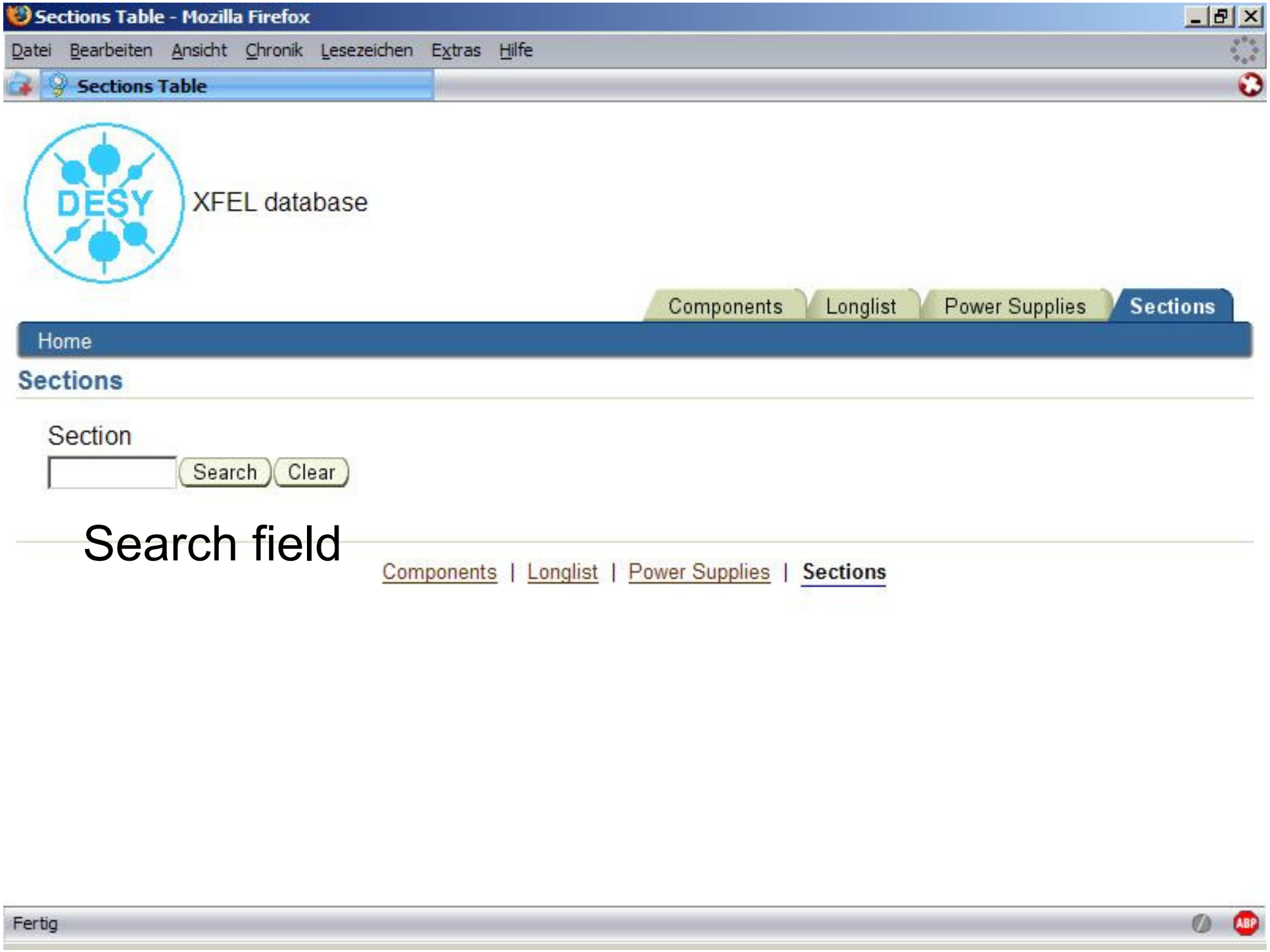
Sections Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
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Search field
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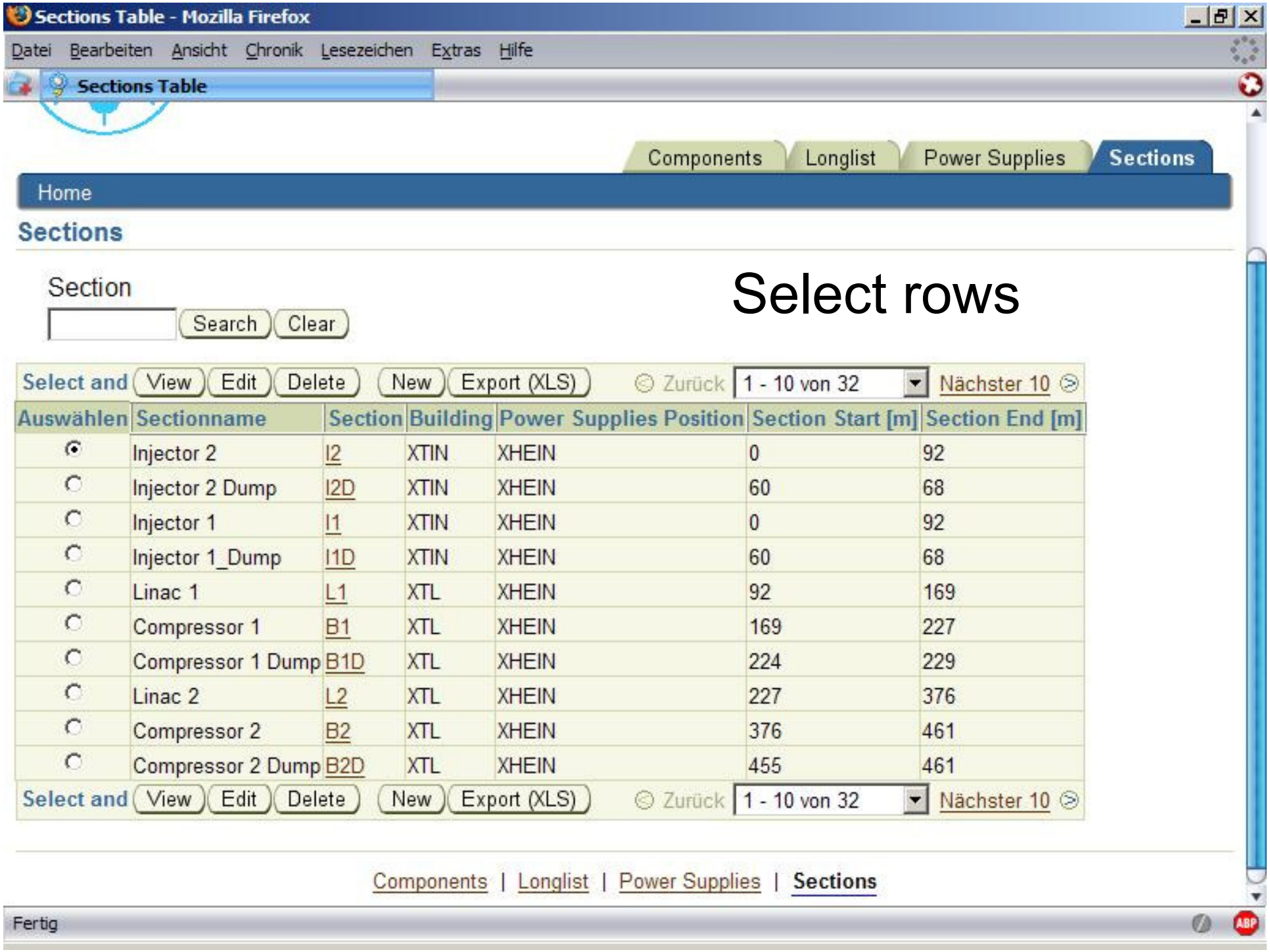
Sections Table - Mozilla Firefox
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New
Export (XLS)
Zurück
1 - 10 von 32
Nächster 10
Auswählen
Sectionname
Section
Building
Power Supplies Position
Section Start [m]
Section End [m]
Injector 2 I2 XTIN XHEIN 0 92
Injector 2 Dump I2D XTIN XHEIN 60 68
Injector 1 I1 XTIN XHEIN 0 92
Injector 1_Dump I1D XTIN XHEIN 60 68
Linac 1 L1 XTL XHEIN 92 169
Compressor 1 B1 XTL XHEIN 169 227
Compressor 1 Dump B1D XTL XHEIN 224 229
Linac 2 L2 XTL XHEIN 227 376
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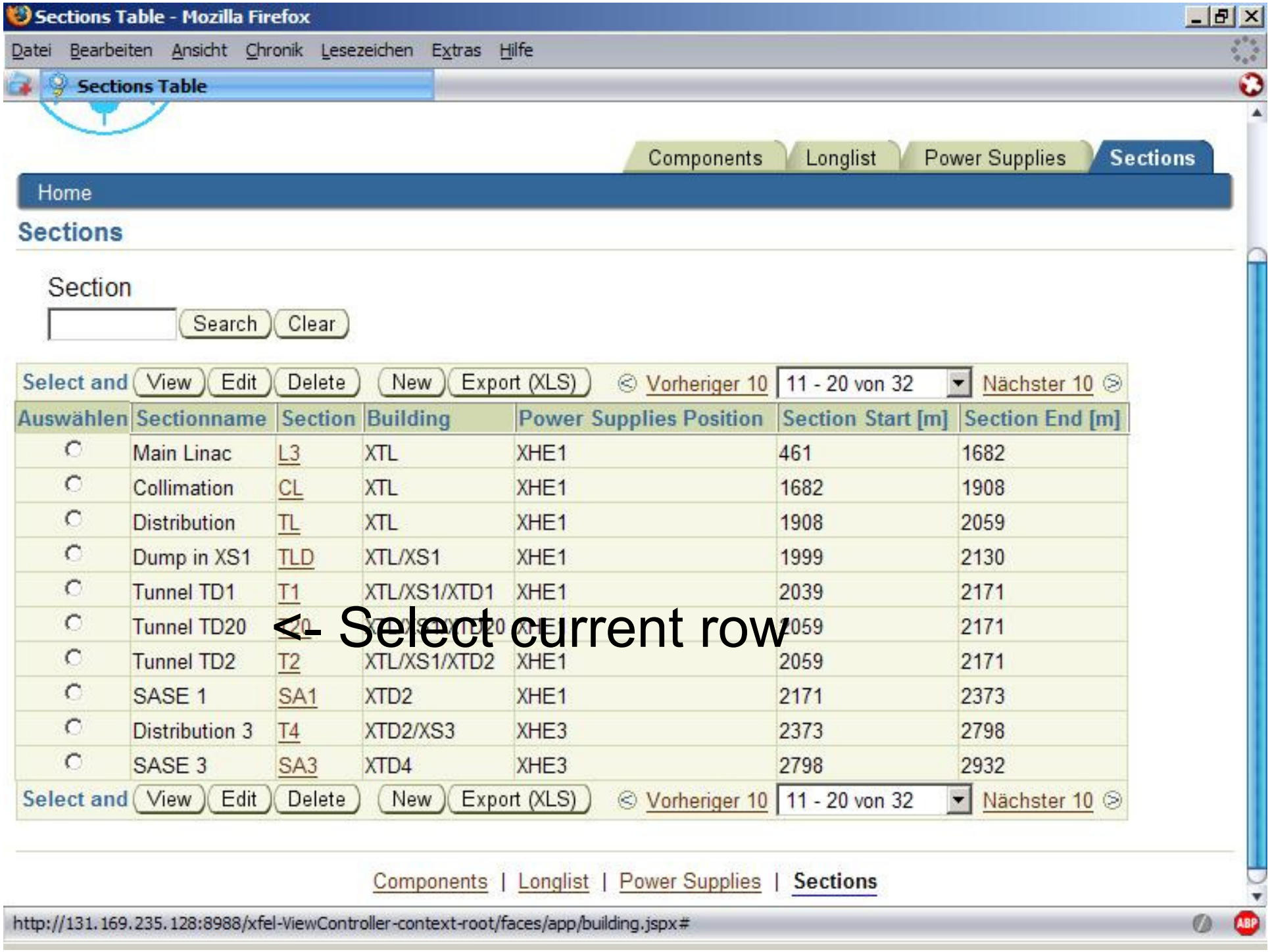
Components | Longlist | Power Supplies | Sections
Fertig



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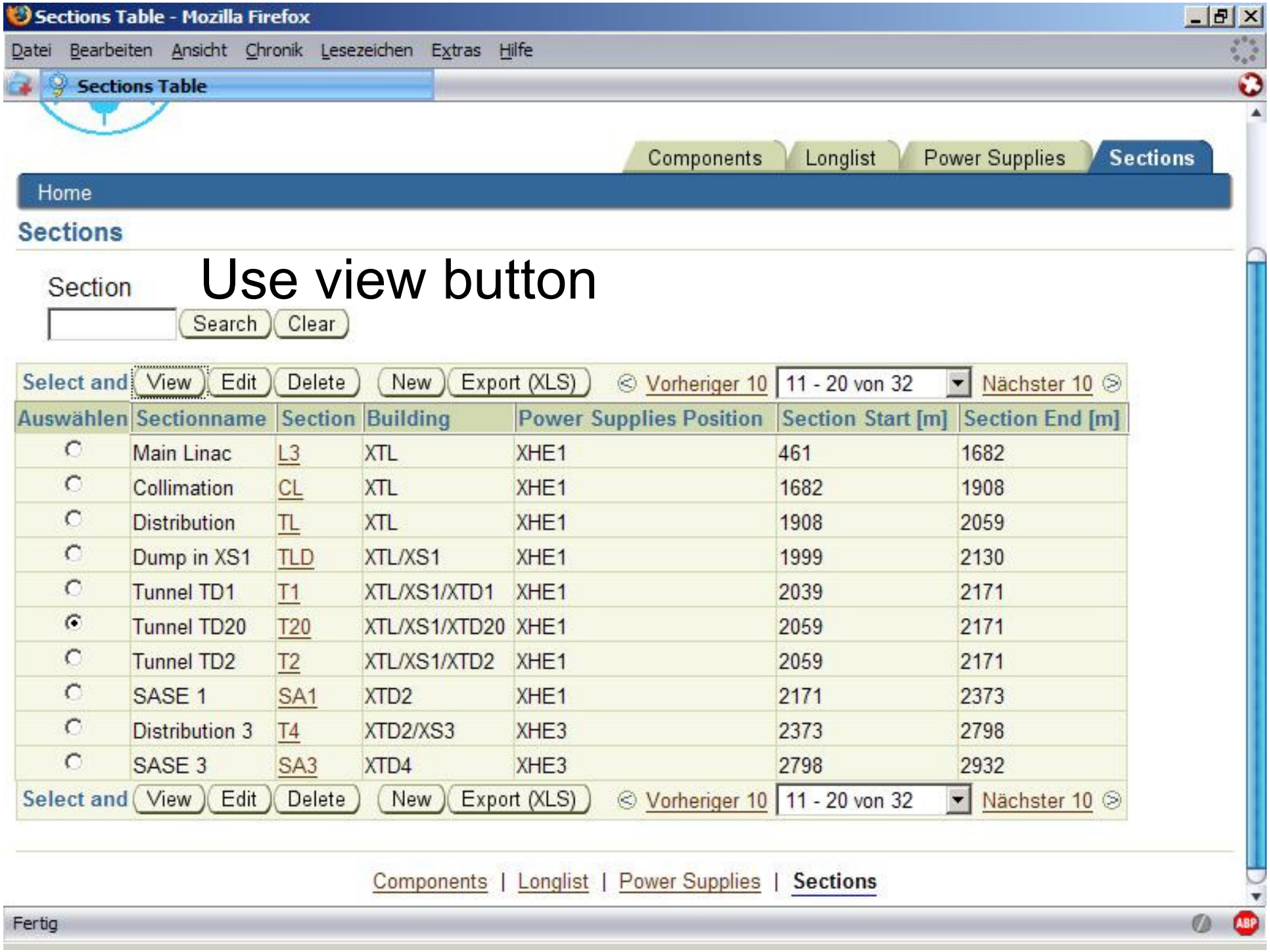
Sections Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Sections Table
Components
Longlist
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Use view button
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Clear
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View
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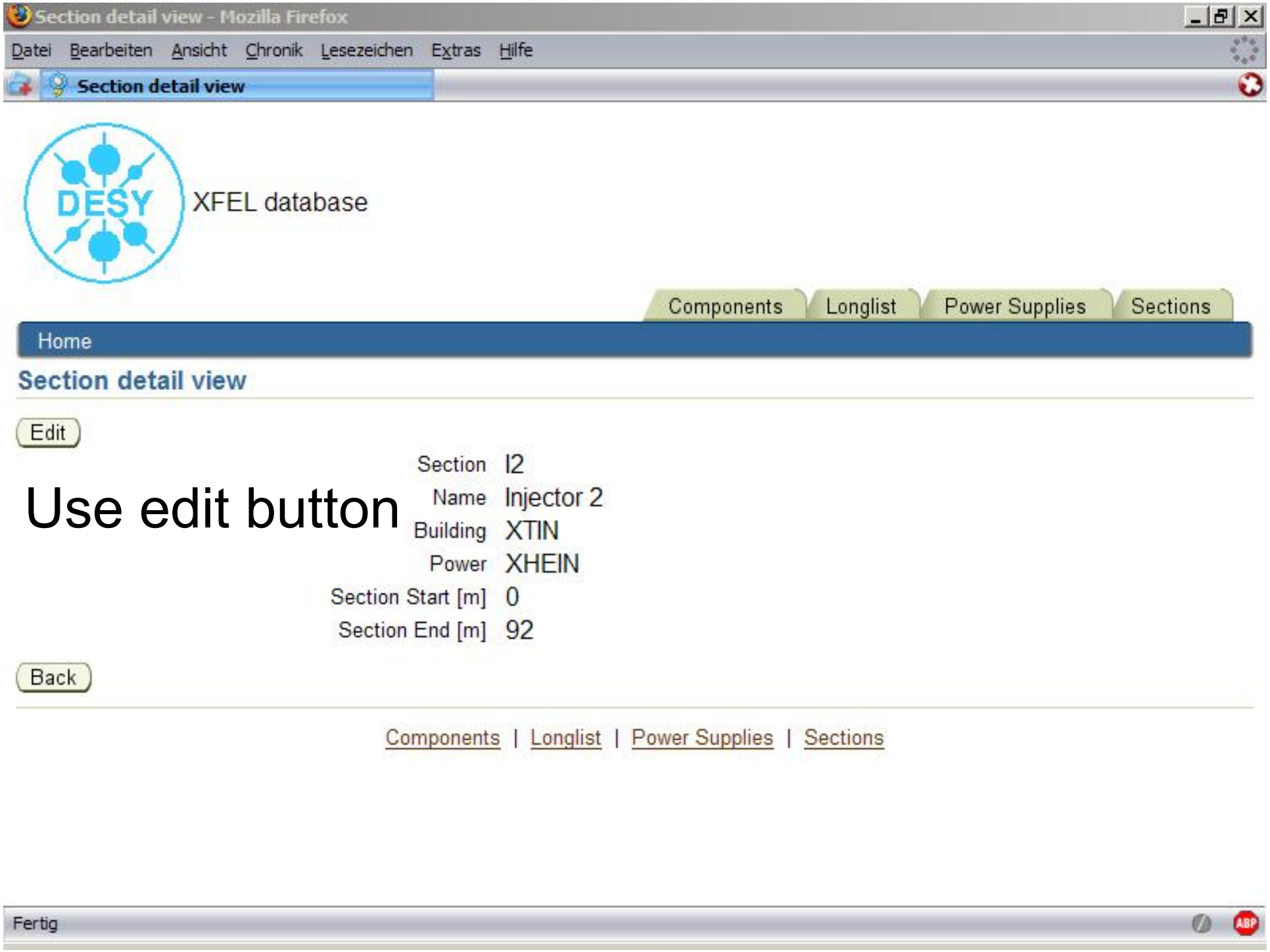
Vorheriger 10
11 - 20 von 32
Nächster 10
Auswählen
Sectionname
Section
Building
Power Supplies Position
Section Start [m]
Section End [m]
Main Linac L3 XTL XHE1 461 1682
Collimation CL XTL XHE1 1682 1908
Distribution TL XTL XHE1 1908 2059
Dump in XS1 TLD XTL/XS1 XHE1 1999 2130
Tunnel TD1 T1 XTL/XS1/XTD1 XHE1 2039 2171
Tunnel TD20 T20 XTL/XS1/XTD20 XHE1 2059 2171
Tunnel TD2 T2 XTL/XS1/XTD2 XHE1 2059 2171
SASE 1 SA1 XTD2 XHE1 2171 2373
Distribution 3 T4 XTD2/XS3 XHE3 2373 2798
SASE 3 SA3 XTD4 XHE3 2798 2932
Components | Longlist | Power Supplies | Sections
Fertig


Section detail view - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Section detail view
DESY
XFEL database
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Power Supplies
Sections
Home
Section detail view
Edit
Use edit button
Section I2
Name Injector 2
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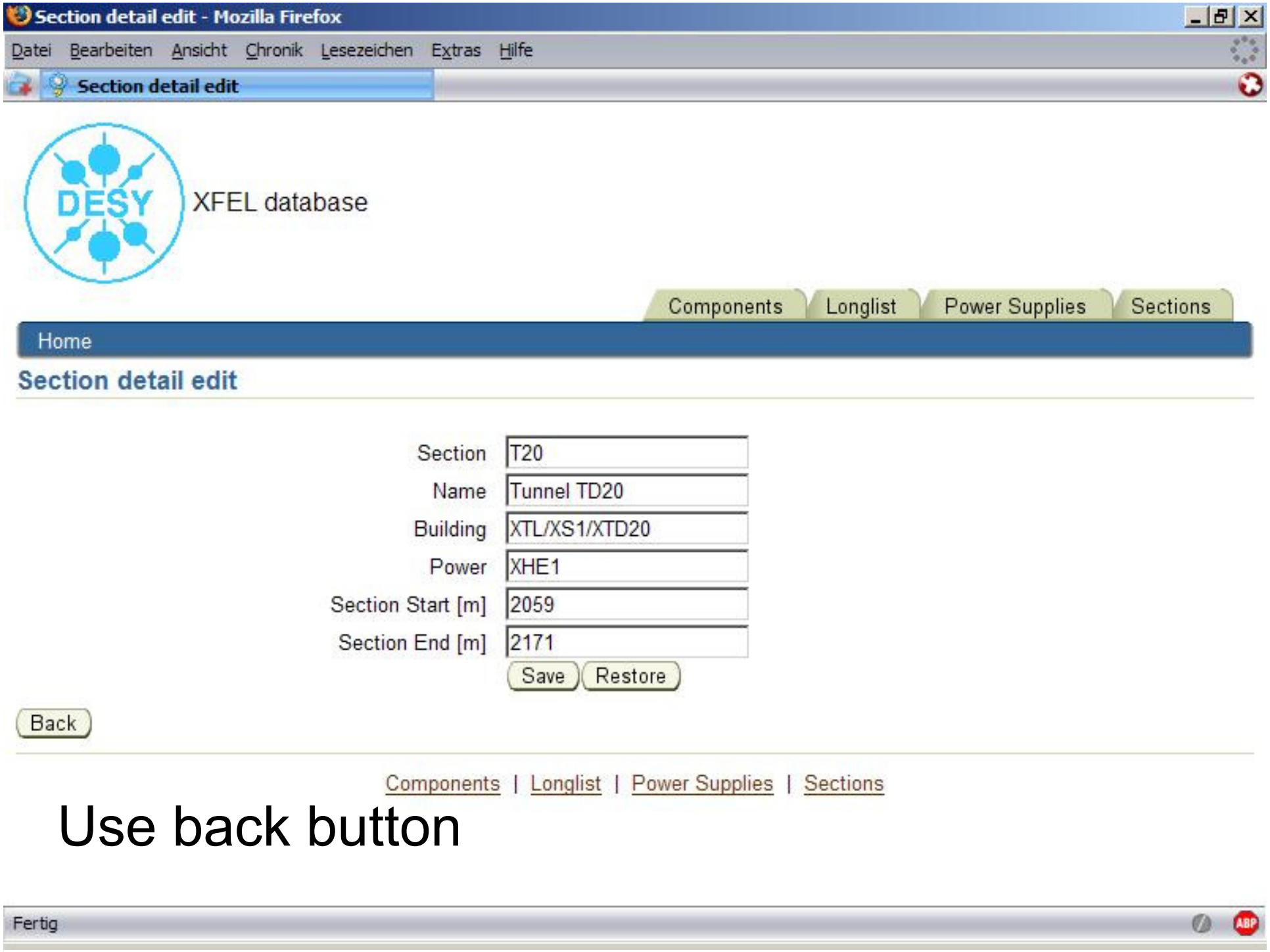
Power XHEIN
Section Start [m] 0
Section End [m] 92
Back
Components | Longlist | Power Supplies | Sections
Fertig


Section detail edit - Mozilla Firefox
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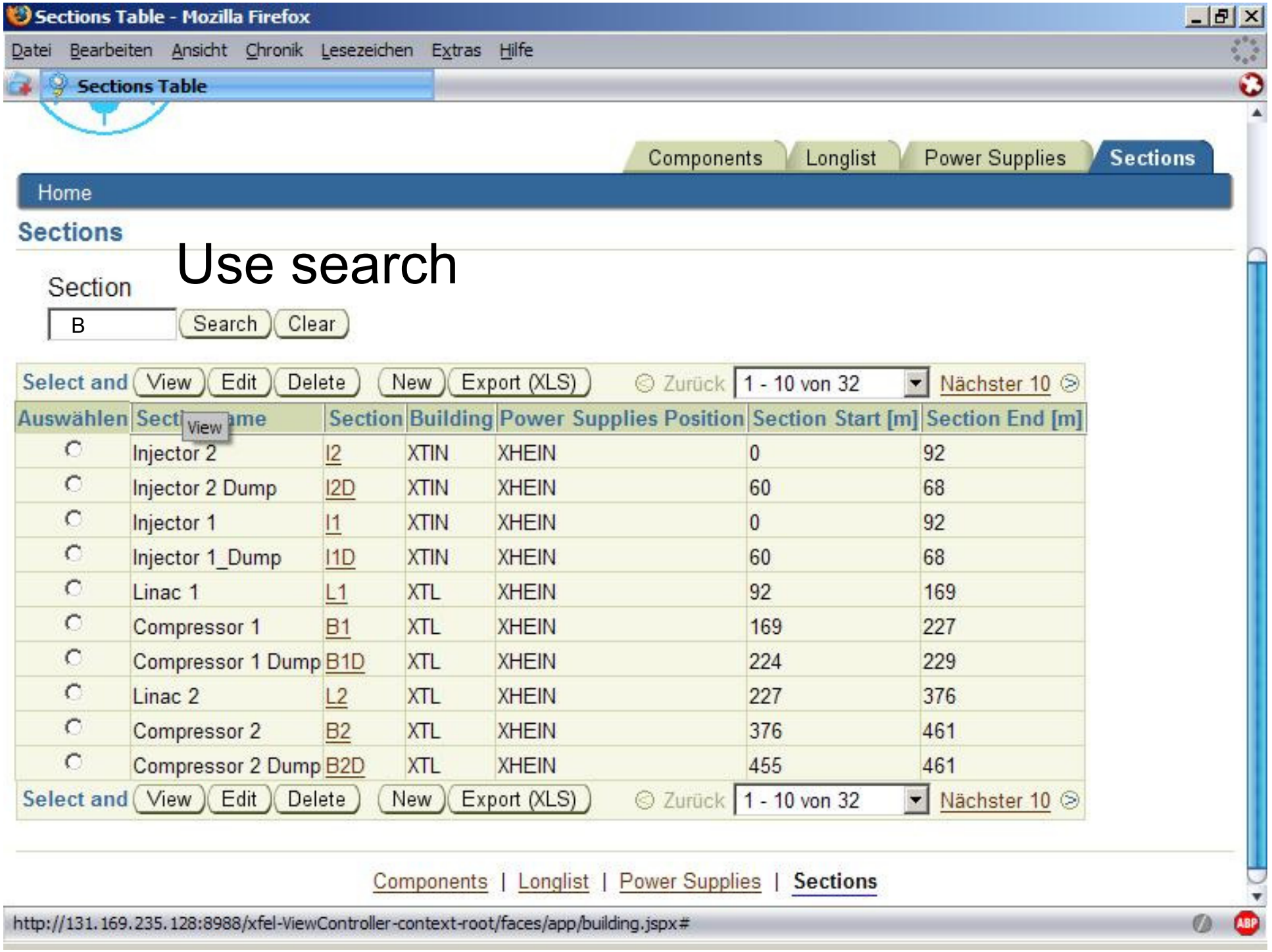
Section detail edit
DESY
XFEL database
Components
Longlist
Power Supplies
Sections
Home
Section detail edit
Section T20
Name Tunnel TD20
Building XTL/XS1/XTD20
Power XHE1
Section Start [m] 2059
Section End [m] 2171
Save
Restore
Back
Components | Longlist | Power Supplies | Sections
Use back button
Fertig


Sections Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Sections Table
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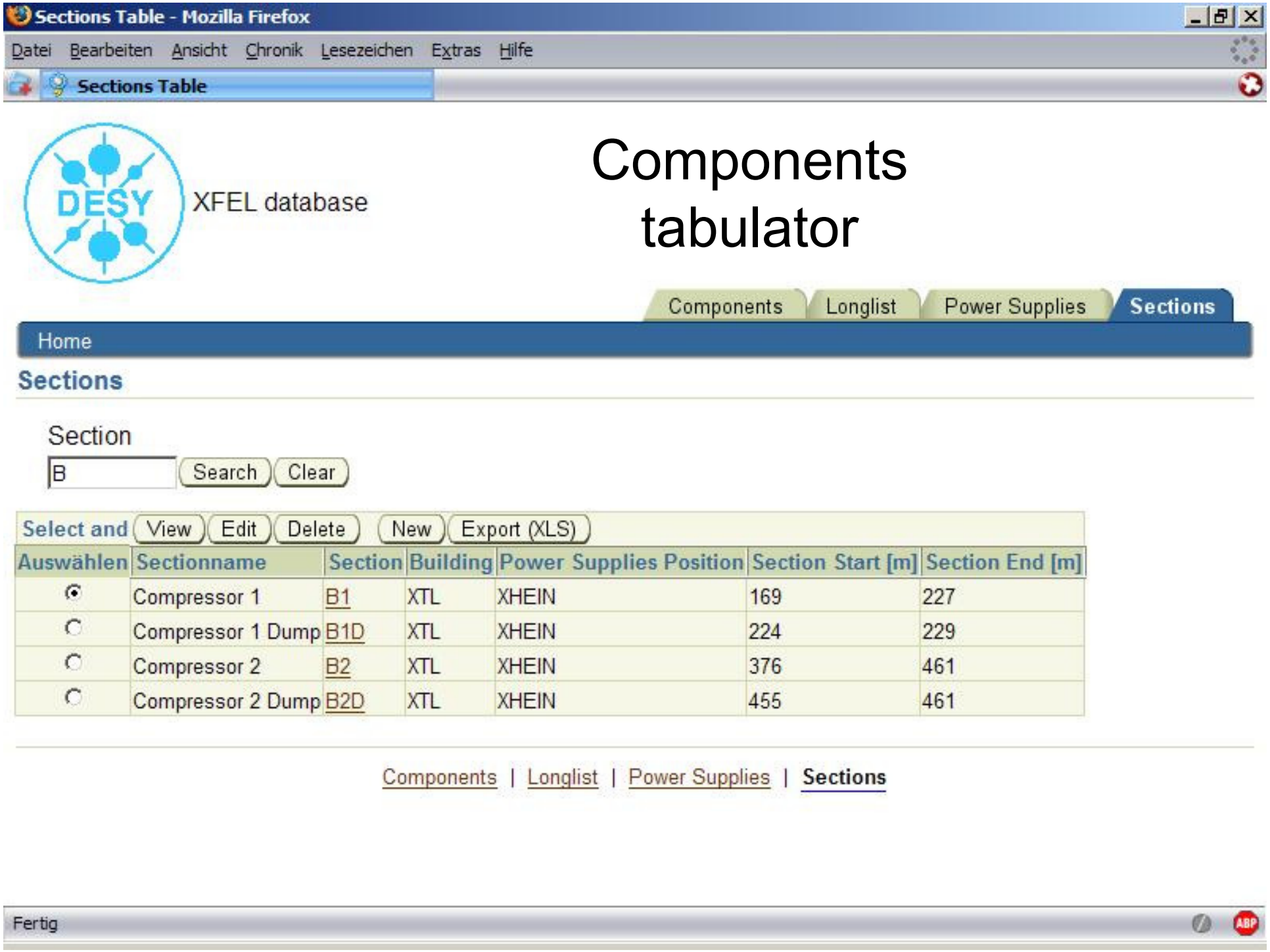
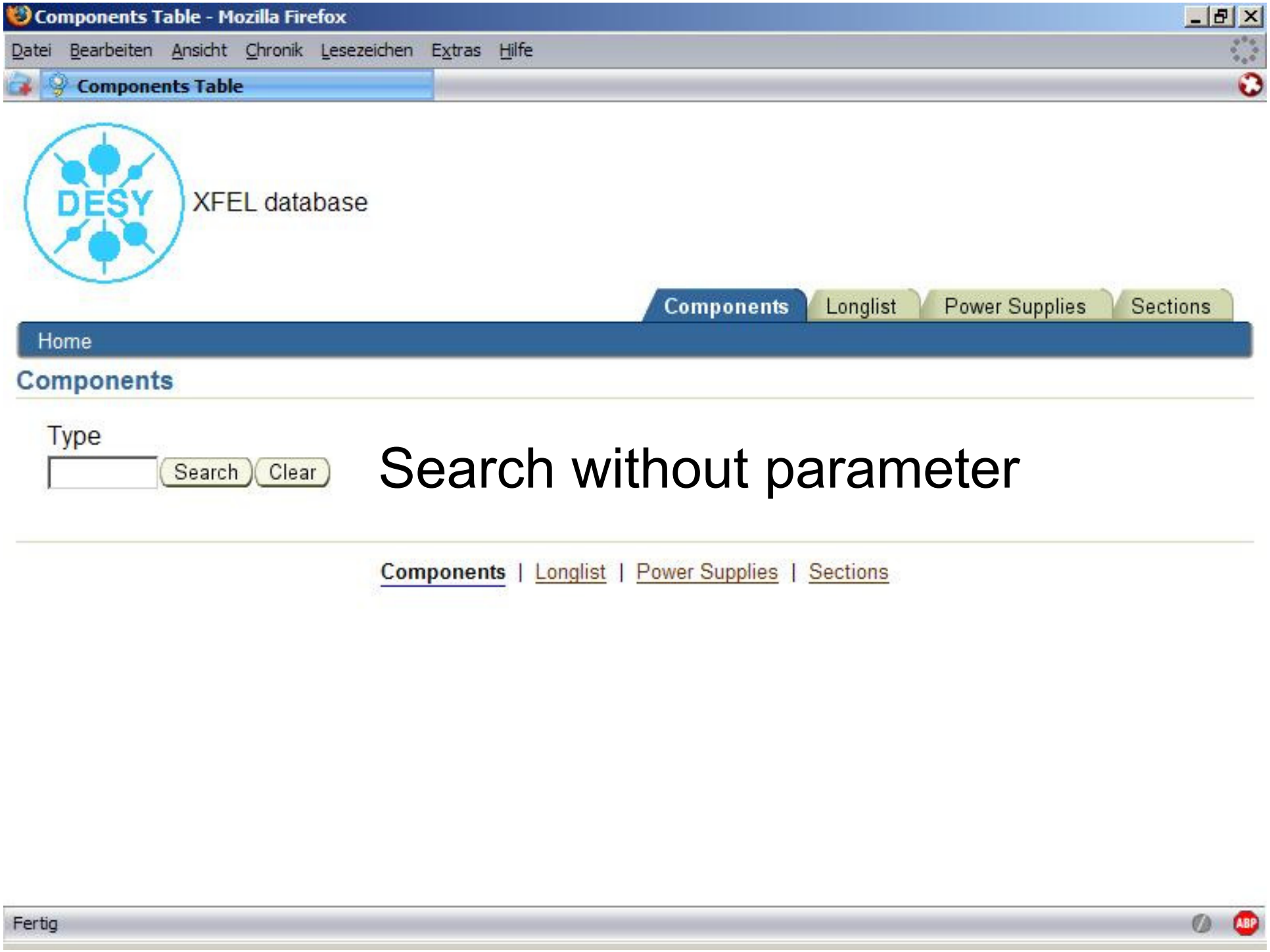
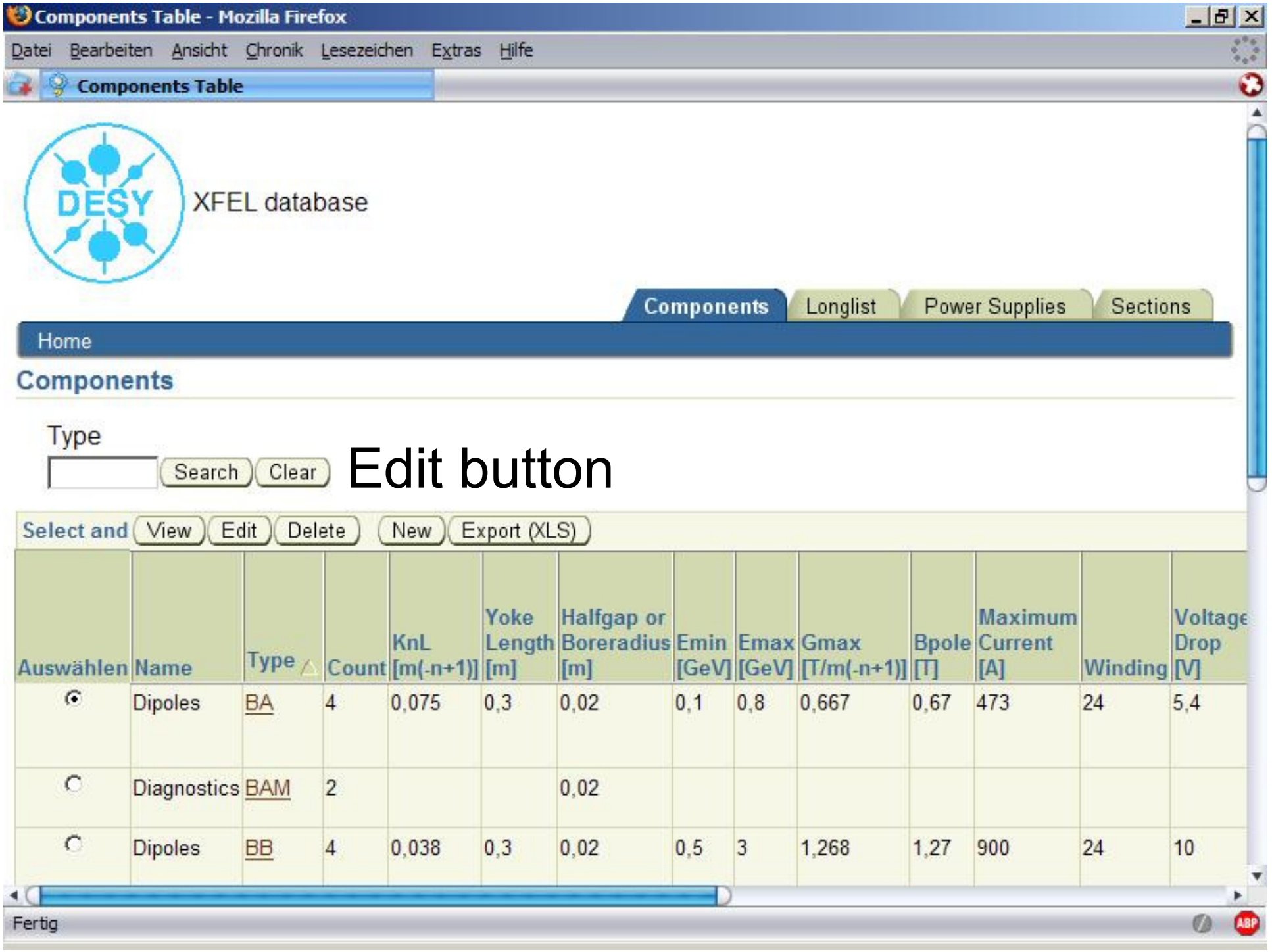
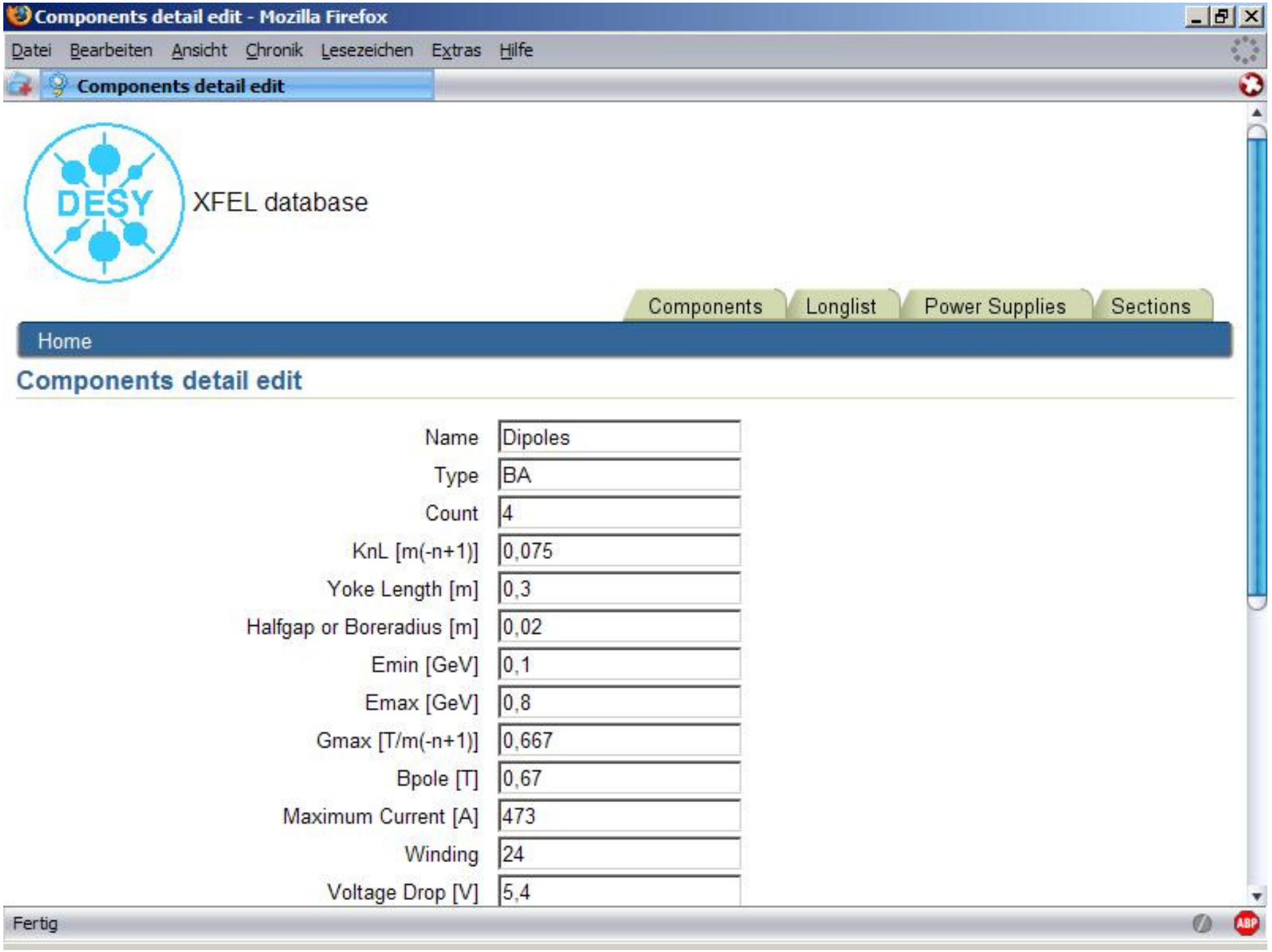
Injector 2 I2 XTIN XHEIN 0 92
Injector 2 Dump I2D XTIN XHEIN 60 68
Injector 1 I1 XTIN XHEIN 0 92
Injector 1_Dump I1D XTIN XHEIN 60 68
Linac 1 L1 XTL XHEIN 92 169
Compressor 1 B1 XTL XHEIN 169 227
Compressor 1 Dump B1D XTL XHEIN 224 229
Linac 2 L2 XTL XHEIN 227 376
Compressor 2 B2 XTL XHEIN 376 461
Compressor 2 Dump B2D XTL XHEIN 455 461
Components | Longlist | Power Supplies | Sections
http://131.169.235.128:8988/xfel-ViewController-context-root/faces/app/building.jspx#

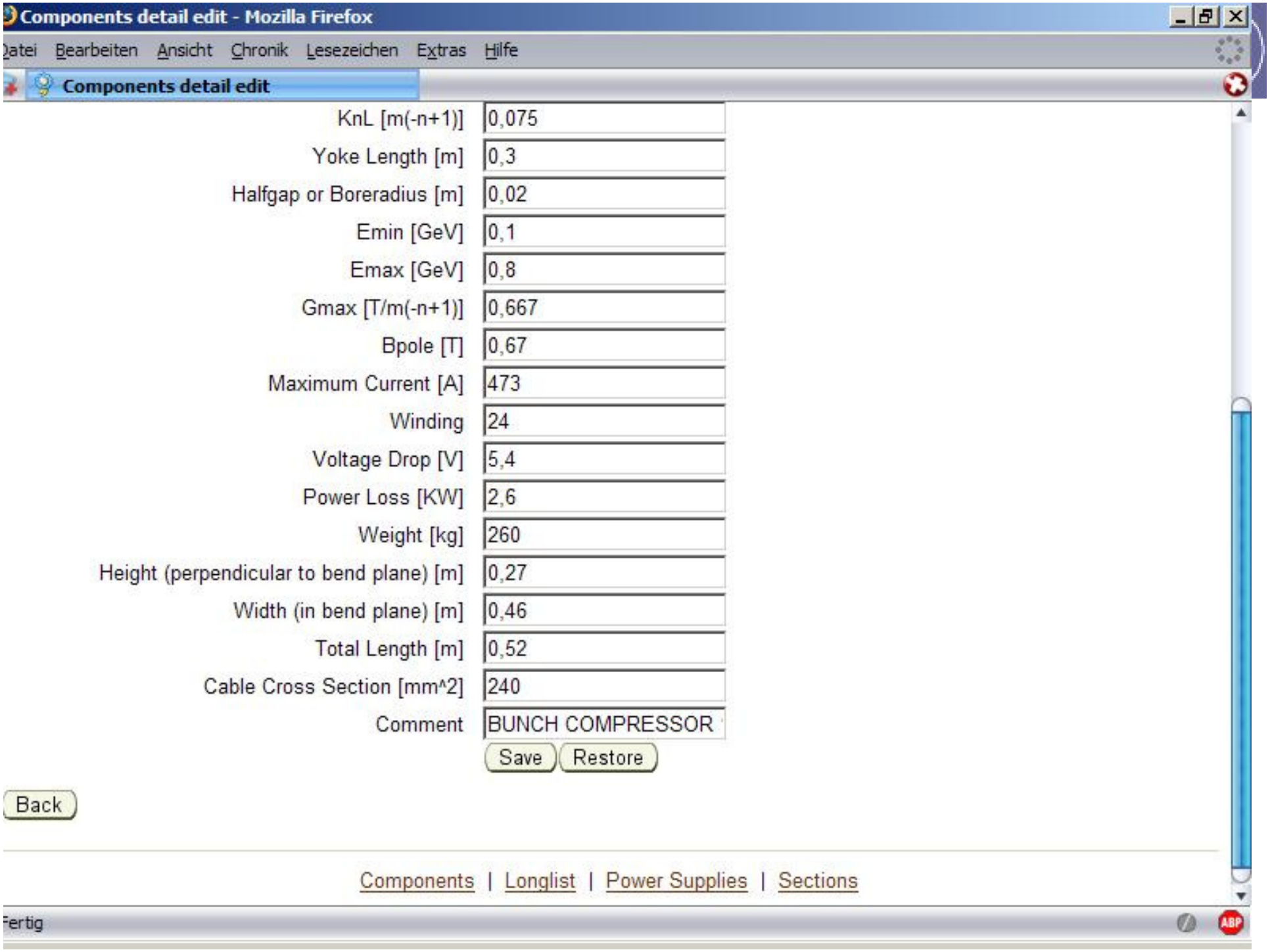

Sections Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Sections Table
DESY
XFEL database
Components tabulator
Components
Longlist
Power Supplies
Sections
Home
Sections
Section
B
Search
Clear
Select and
View
Edit
Delete
New
Export (XLS)
Auswählen
Sectionname
Section
Building
Power Supplies Position
Section Start [m]
Section End [m]
Compressor 1 B1 XTL XHEIN 169 227
Compressor 1 Dump B1D XTL XHEIN 224 229
Compressor 2 B2 XTL XHEIN 376 461
Compressor 2 Dump B2D XTL XHEIN 455 461
Components | Longlist | Power Supplies | Sections
Fertig

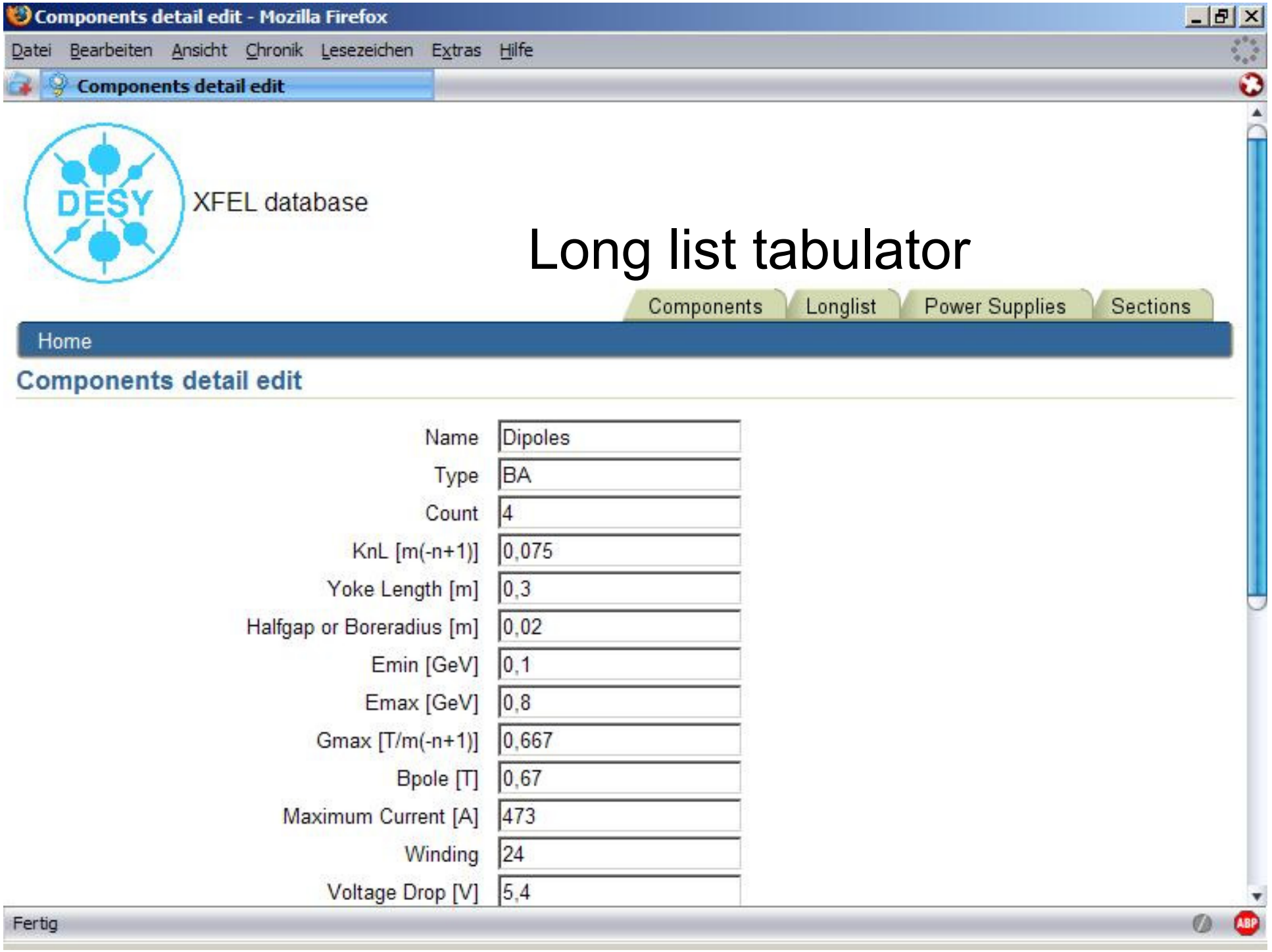

Components Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Components Table
DESY
XFEL database
Components
Longlist
Power Supplies
Sections
Home
Components
Type
Search
Clear
Search without parameter
Components | Longlist | Power Supplies | Sections
Fertig

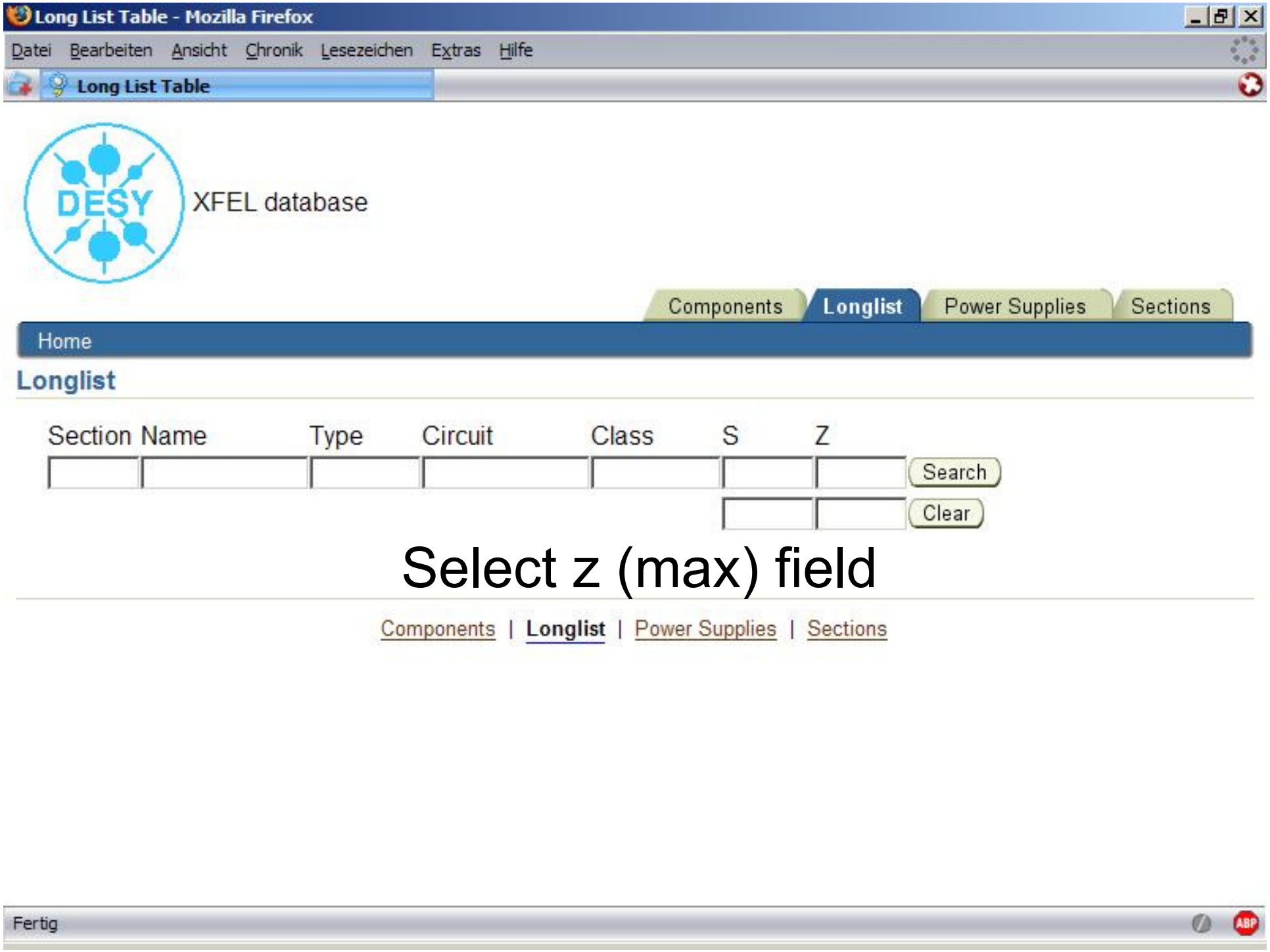


Auswählen	Name	Type	Count	KnL [m(-n+1)]	Yoke Length [m]	Halfgap or Boreradius [m]	Emin [GeV]	Emax [GeV]	Gmax [T/m(-n+1)]	Bpole [T]	Maximum Current [A]	Winding	Voltage Drop [V]
◉	Dipoles	BA	4	0,075	0,3	0,02	0,1	0,8	0,667	0,67	473	24	5,4
○	Diagnostics	BAM	2			0,02							
○	Dipoles	BB	4	0,038	0,3	0,02	0,5	3	1,268	1,27	900	24	10


Components detail edit - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Components detail edit
DESY
XFEL database
Components
Longlist
Power Supplies
Sections
Home
Components detail edit
Name Dipoles
Type BA
Count 4
KnL [m(-n+1)] 0,075
Yoke Length [m] 0,3
Halfgap or Boreradius [m] 0,02
Emin [GeV] 0,1
Emax [GeV] 0,8
Gmax [T/m(-n+1)] 0,667
Bpole [T] 0,67
Maximum Current [A] 473
Winding 24
Voltage Drop [V] 5,4
Fertig


Components detail edit - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Components detail edit
KnL [m(-n+1)] 0,075
Yoke Length [m] 0,3
Halfgap or Boreradius [m] 0,02
Emin [GeV] 0,1
Emax [GeV] 0,8
Gmax [T/m(-n+1)] 0,667
Bpole [T] 0,67
Maximum Current [A] 473
Winding 24
Voltage Drop [V] 5,4
Power Loss [KW] 2,6
Weight [kg] 260
Height (perpendicular to bend plane) [m] 0,27
Width (in bend plane) [m] 0,46
Total Length [m] 0,52
Cable Cross Section [mm^2] 240
Comment BUNCH COMPRESSOR
Save
Restore
Back
Components | Longlist | Power Supplies | Sections
Fertig


Components detail edit - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Components detail edit
DESY
XFEL database
Long list tabulator
Components
Longlist
Power Supplies
Sections
Home
Components detail edit
Name Dipoles
Type BA
Count 4
KnL [m(-n+1)] 0,075
Yoke Length [m] 0,3
Halfgap or Boreradius [m] 0,02
Emin [GeV] 0,1
Emax [GeV] 0,8
Gmax [T/m(-n+1)] 0,667
Bpole [T] 0,67
Maximum Current [A] 473
Winding 24
Voltage Drop [V] 5,4
Fertig


Long List Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Long List Table
DESY
XFEL database
Components
Longlist
Power Supplies
Sections
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Longlist
Section Name
Type
Circuit
Class
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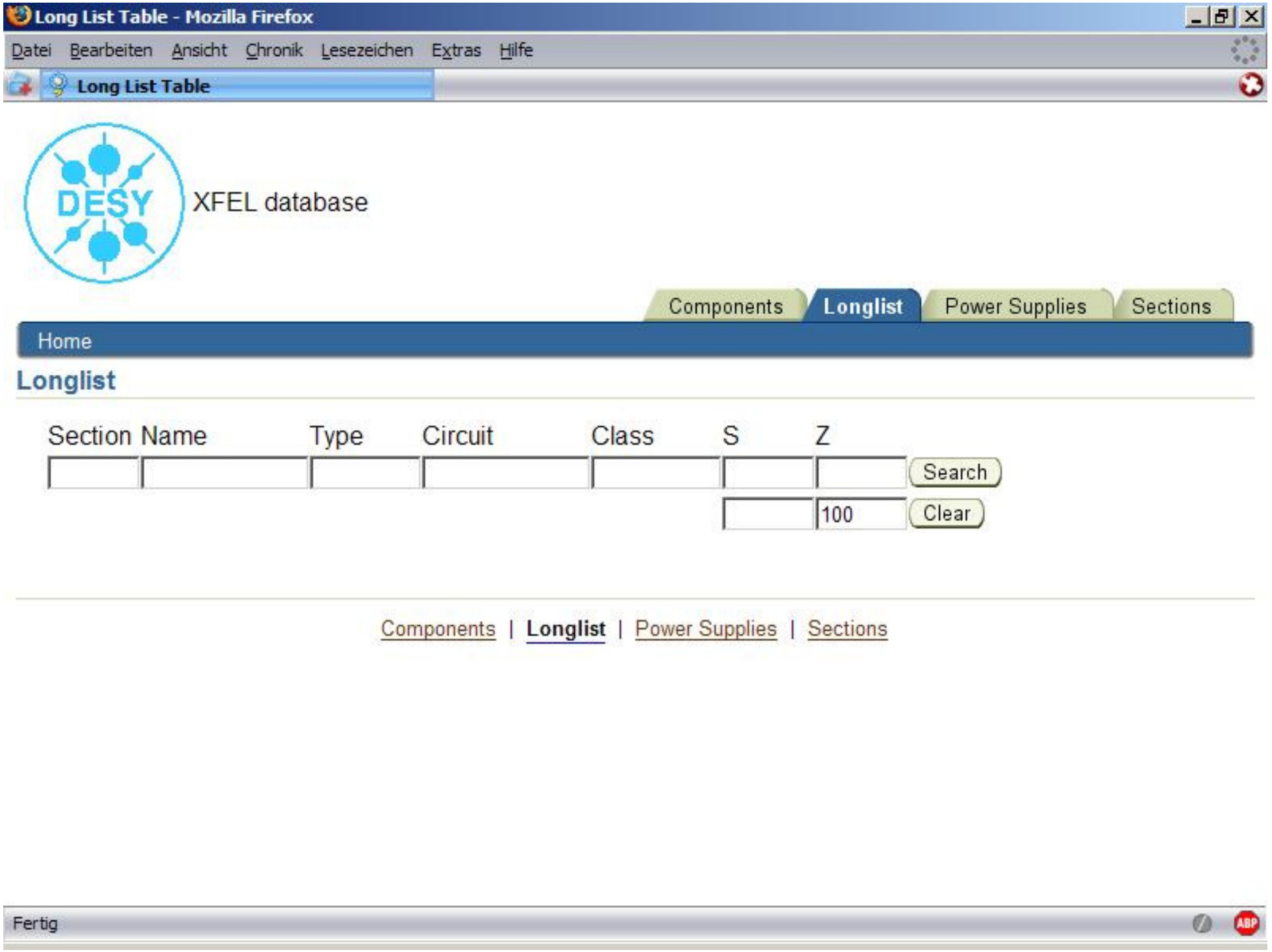
Z
Search
Clear
Select z (max) field
Components | Longlist | Power Supplies | Sections
Fertig


Long List Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Long List Table
DESY
XFEL database
Components
Longlist
Power Supplies
Sections
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Longlist
Section Name
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Circuit
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Search
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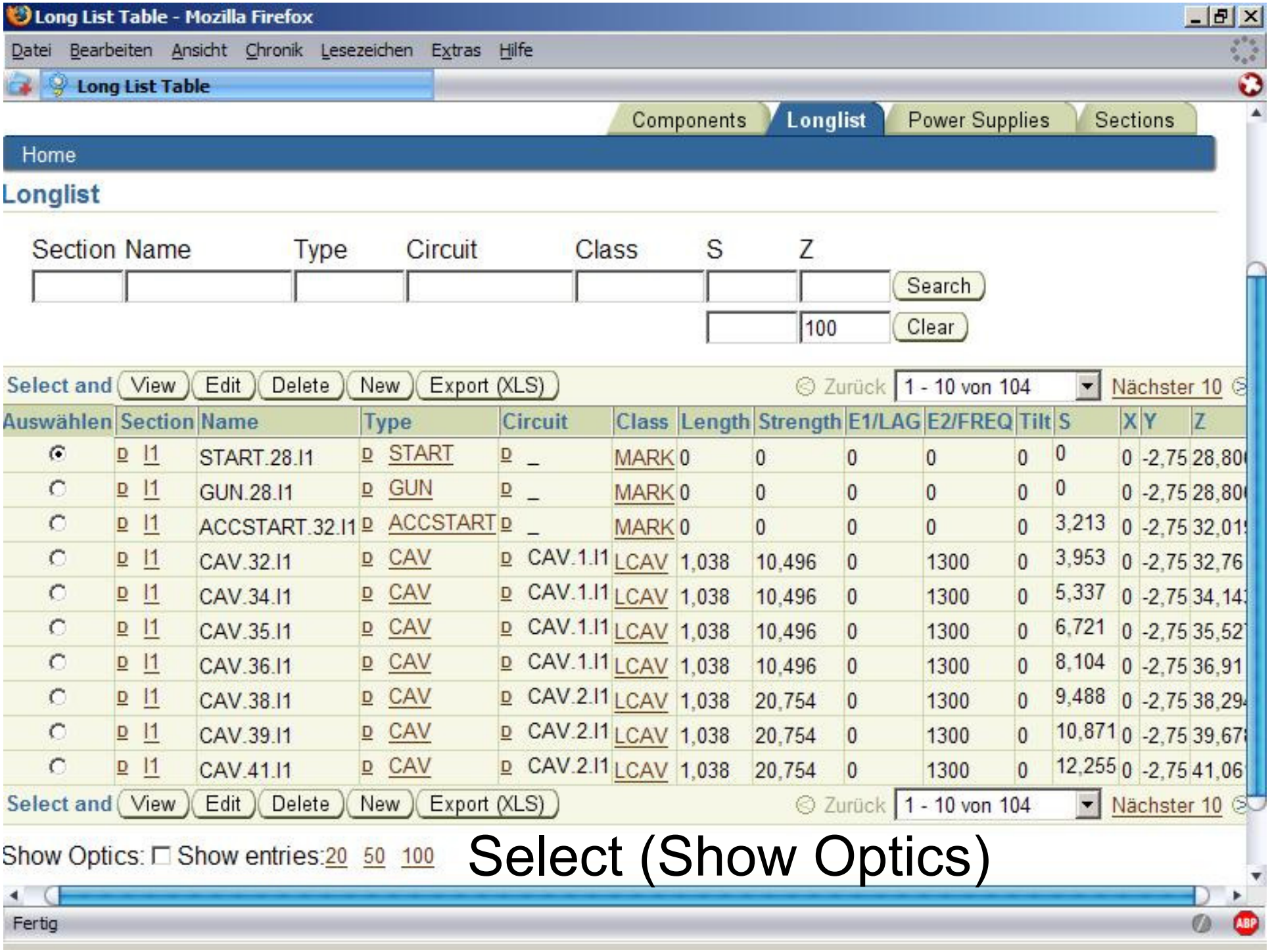
Clear
Components | Longlist | Power Supplies | Sections
Fertig


Long List Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Long List Table
Components
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Power Supplies
Sections
Home
Longlist
Section Name
Type
Circuit
Class
S
Z
Search
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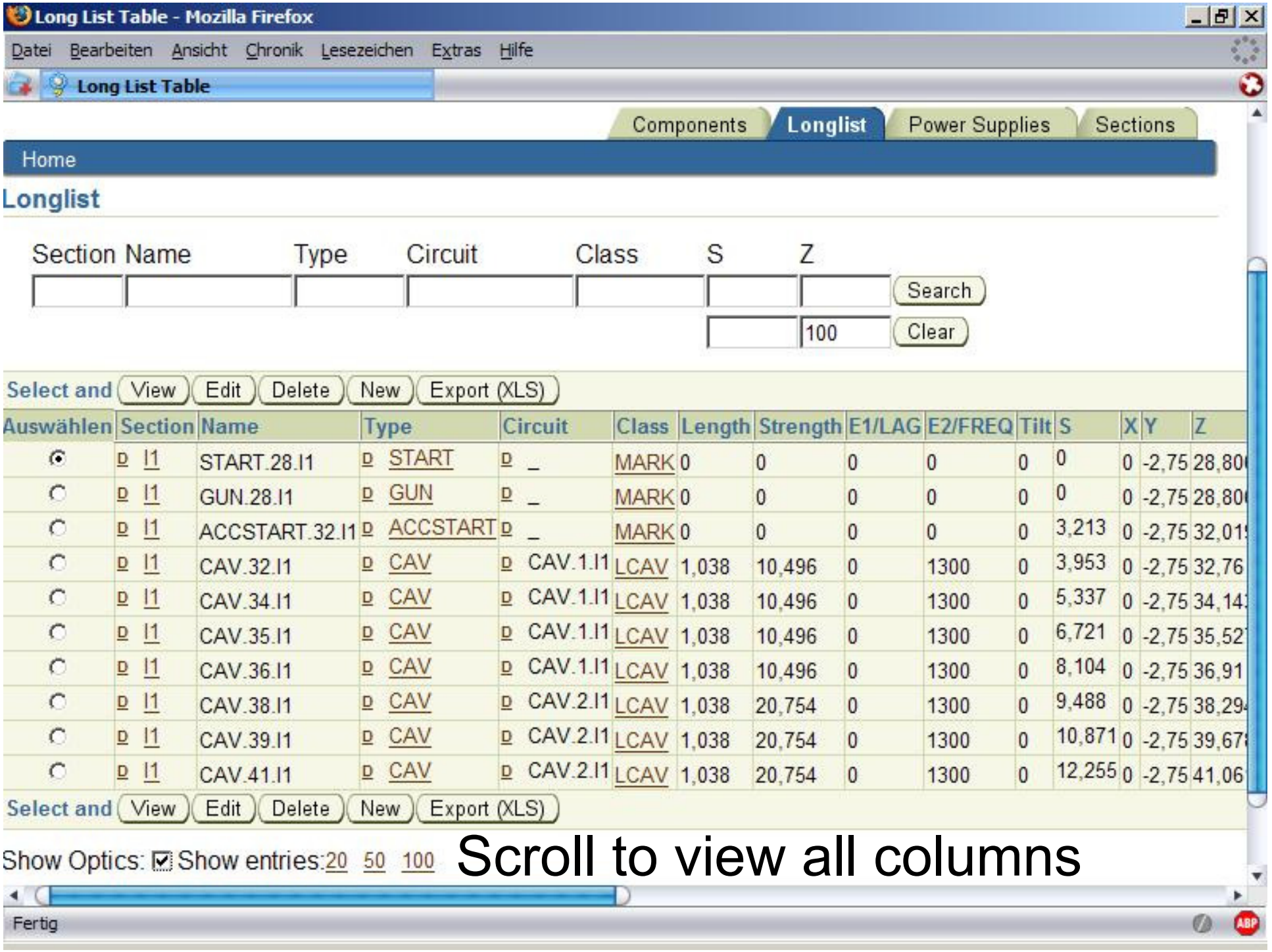
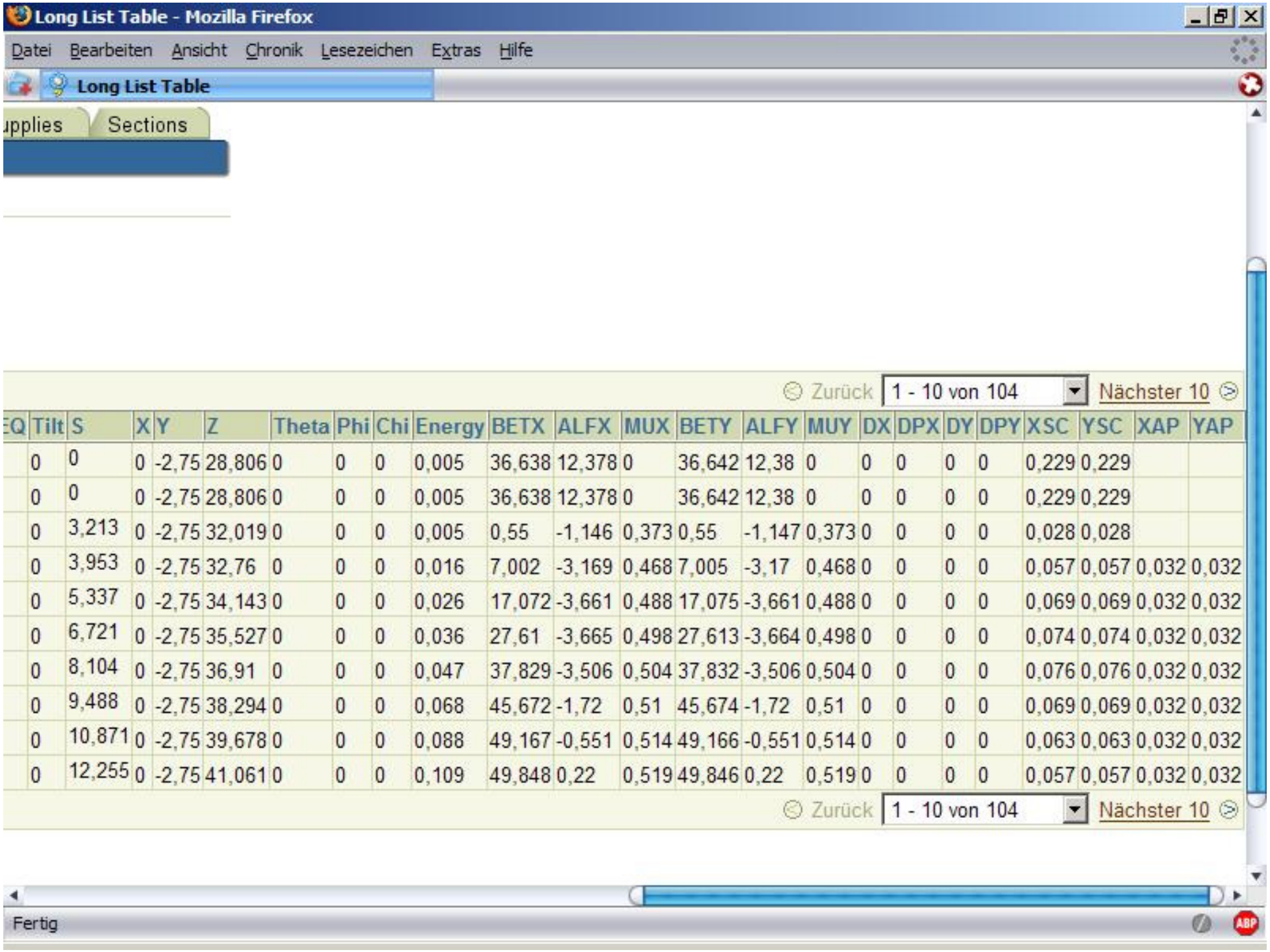
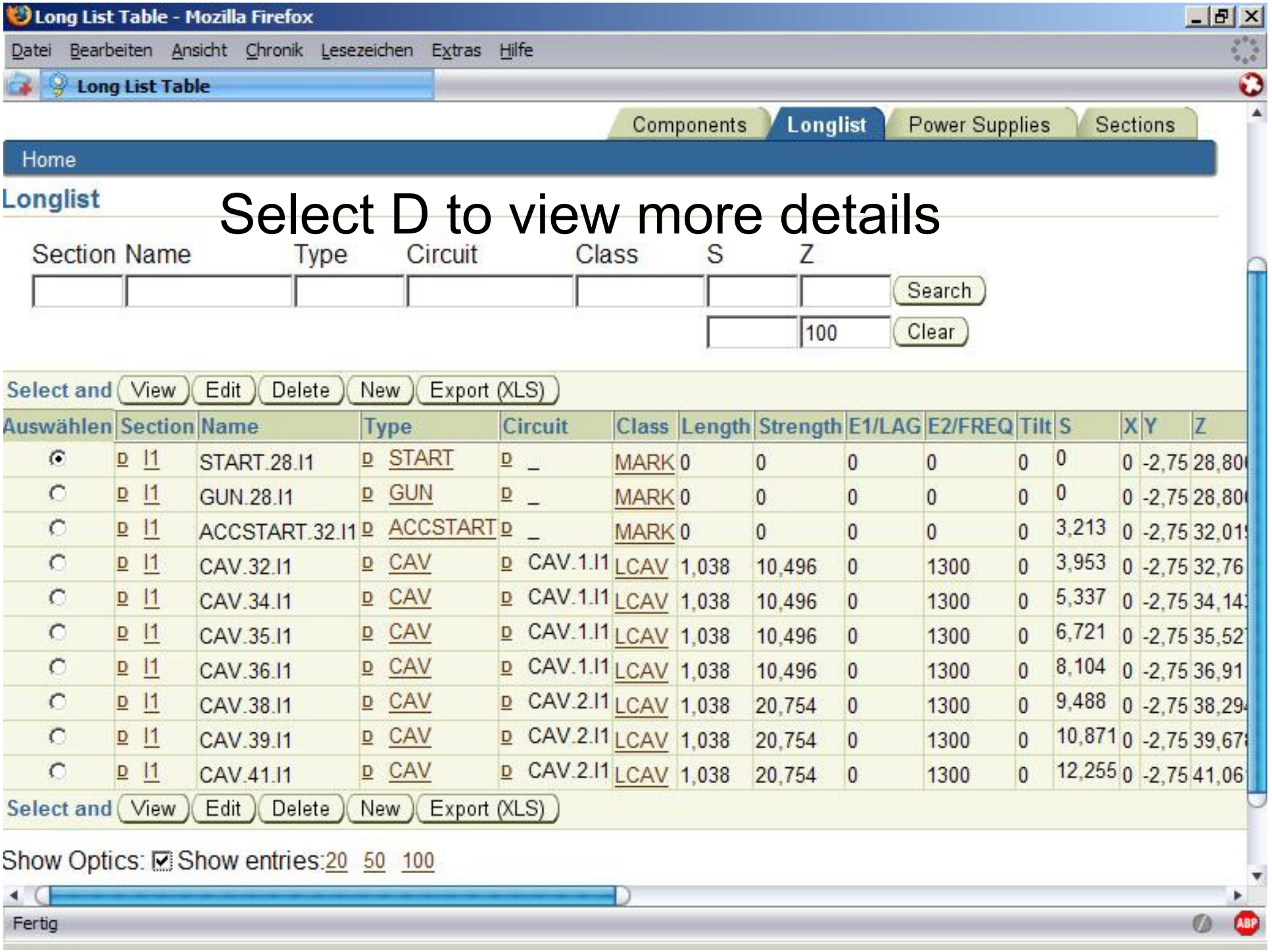
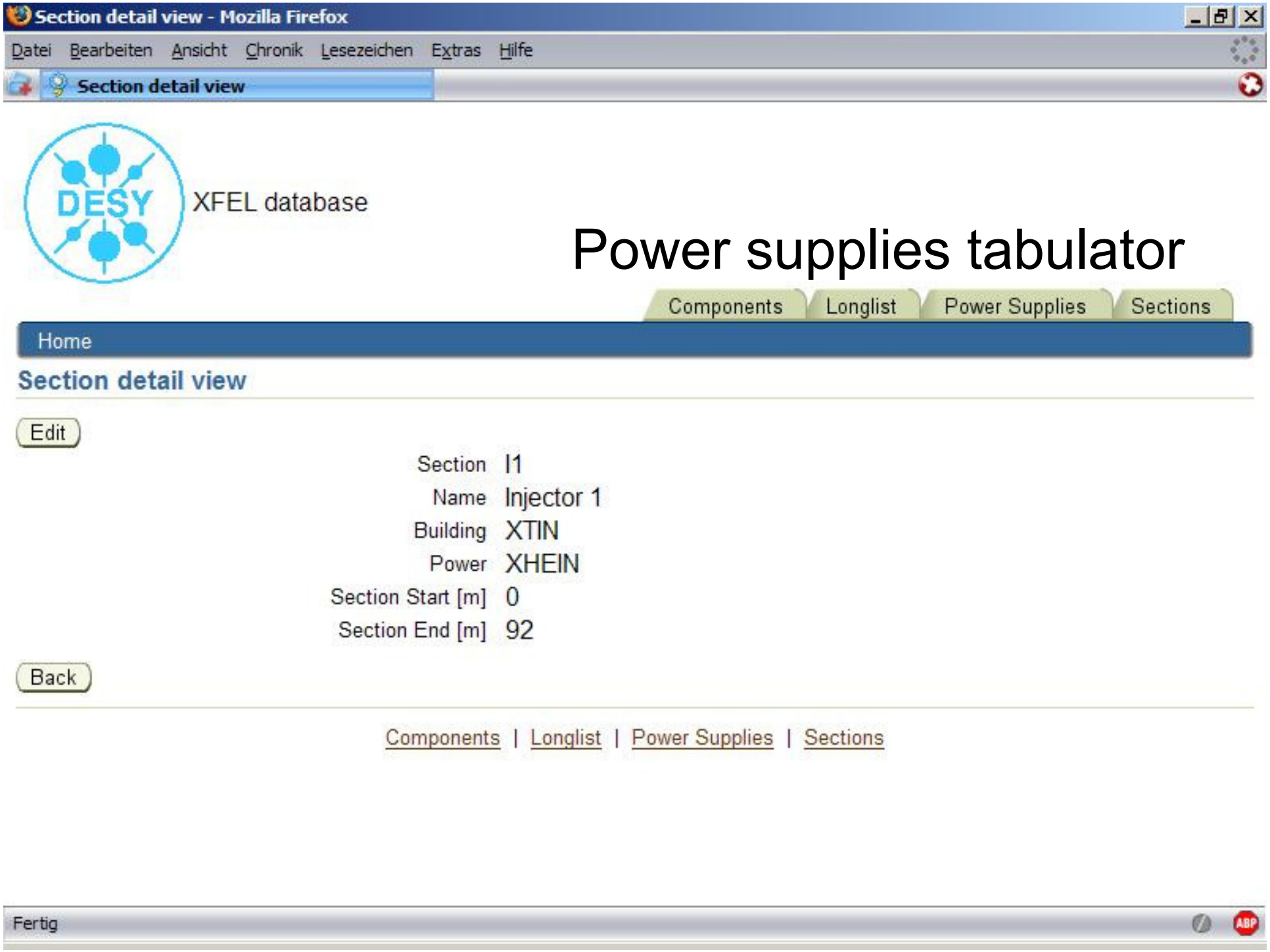
Select and
View
Edit
Delete
New
Export (XLS)
Zurück
1 - 10 von 104
Nächster 10
Auswählen
Section
Name
Type
Circuit
Class
Length
Strength
E1/LAG
E2/FREQ
Tilt
S
X
Y
Z
START.28.I1
GUN.28.I1
ACCSTART.32.I1
CAV.32.I1
CAV.34.I1
CAV.35.I1
CAV.36.I1
CAV.38.I1
CAV.39.I1
CAV.41.I1
Show Optics:
Show entries:
20
50
100
Select (Show Optics)
Fertig

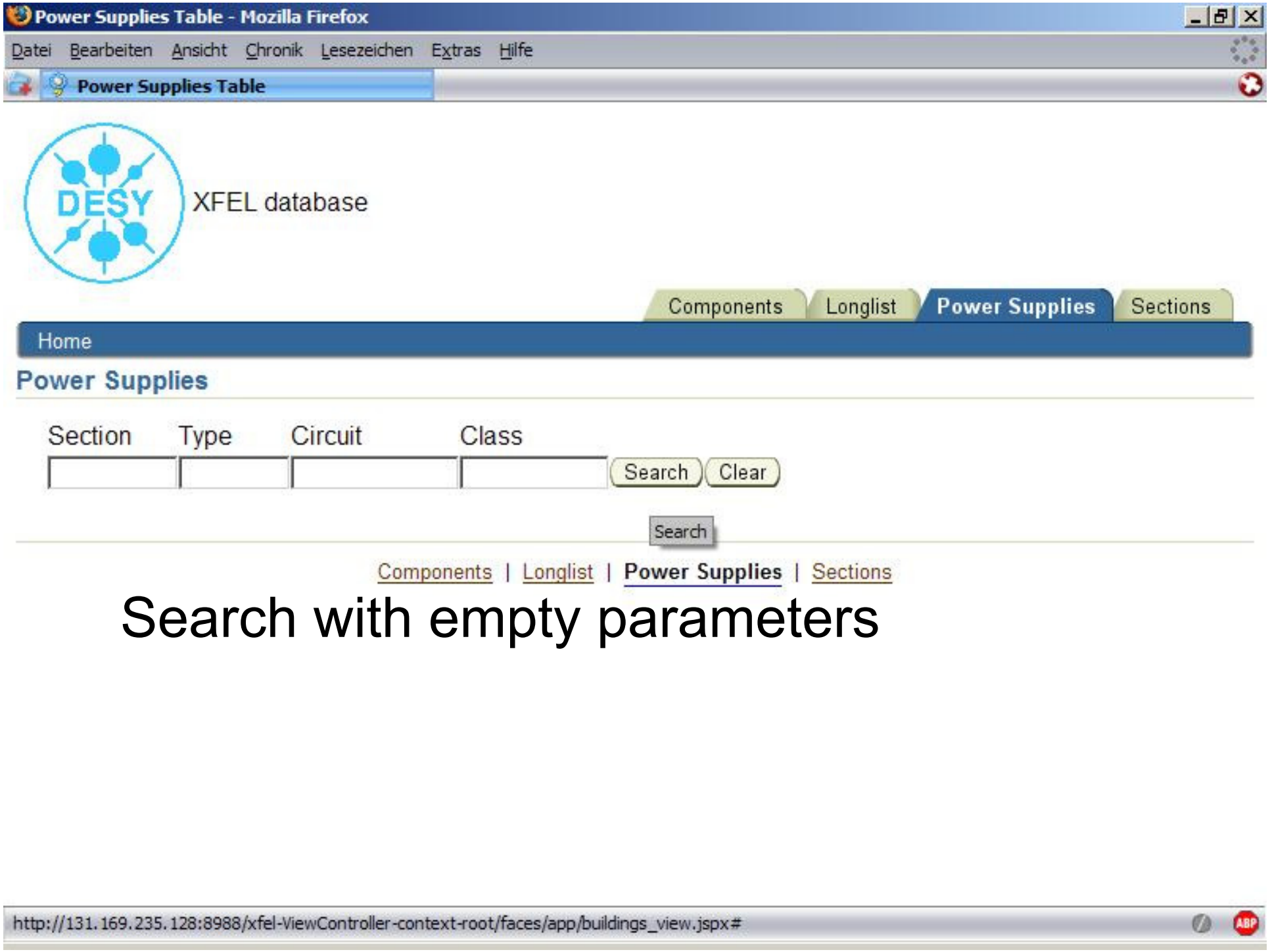

Long List Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Long List Table
Components
Longlist
Power Supplies
Sections
Home
Longlist
Section Name Type Circuit Class S Z
Search
100
Clear
Select and View Edit Delete New Export (XLS)
Auswählen Section Name Type Circuit Class Length Strength E1/LAG E2/FREQ Tilt S X Y Z
D I1 START.28.I1 D START D _ MARK 0 0 0 0 0 0 0 -2,75 28,80
D I1 GUN.28.I1 D GUN D _ MARK 0 0 0 0 0 0 0 -2,75 28,80
D I1 ACCSTART.32.I1 D ACCSTART D _ MARK 0 0 0 0 0 3,213 0 -2,75 32,01
D I1 CAV.32.I1 D CAV D CAV.1.I1 LCAV 1,038 10,496 0 1300 0 3,953 0 -2,75 32,76
D I1 CAV.34.I1 D CAV D CAV.1.I1 LCAV 1,038 10,496 0 1300 0 5,337 0 -2,75 34,14
D I1 CAV.35.I1 D CAV D CAV.1.I1 LCAV 1,038 10,496 0 1300 0 6,721 0 -2,75 35,52
D I1 CAV.36.I1 D CAV D CAV.1.I1 LCAV 1,038 10,496 0 1300 0 8,104 0 -2,75 36,91
D I1 CAV.38.I1 D CAV D CAV.2.I1 LCAV 1,038 20,754 0 1300 0 9,488 0 -2,75 38,29
D I1 CAV.39.I1 D CAV D CAV.2.I1 LCAV 1,038 20,754 0 1300 0 10,871 0 -2,75 39,67
D I1 CAV.41.I1 D CAV D CAV.2.I1 LCAV 1,038 20,754 0 1300 0 12,255 0 -2,75 41,06
Select and View Edit Delete New Export (XLS)
Show Optics: Show entries: 20 50 100
Scroll to view all columns
Fertig



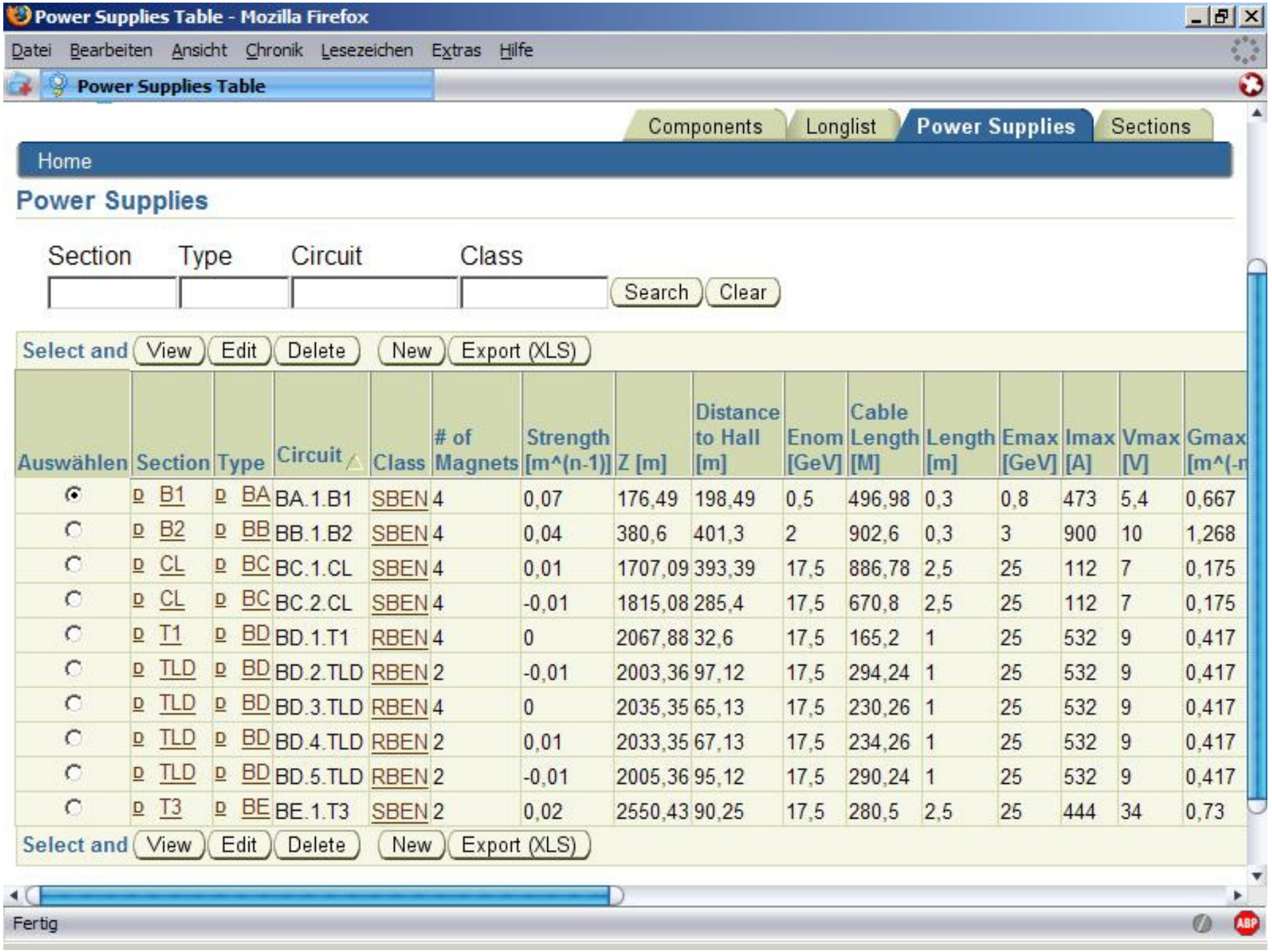
EQ	Tilt	S	X	Y	Z	Theta	Phi	Chi	Energy	BETX	ALFX	MUX	BETY	ALFY	MUY	DX	DPX	DY	DPY	XSC	YSC	XAP	YAP
	0	0	0	-2,75	28,806	0	0	0	0,005	36,638	12,378	0	36,642	12,38	0	0	0	0	0	0,229	0,229		
	0	0	0	-2,75	28,806	0	0	0	0,005	36,638	12,378	0	36,642	12,38	0	0	0	0	0	0,229	0,229		
	0	3,213	0	-2,75	32,019	0	0	0	0,005	0,55	-1,146	0,373	0,55	-1,147	0,373	0	0	0	0	0,028	0,028		
	0	3,953	0	-2,75	32,76	0	0	0	0,016	7,002	-3,169	0,468	7,005	-3,17	0,468	0	0	0	0	0,057	0,057	0,032	0,032
	0	5,337	0	-2,75	34,143	0	0	0	0,026	17,072	-3,661	0,488	17,075	-3,661	0,488	0	0	0	0	0,069	0,069	0,032	0,032
	0	6,721	0	-2,75	35,527	0	0	0	0,036	27,61	-3,665	0,498	27,613	-3,664	0,498	0	0	0	0	0,074	0,074	0,032	0,032
	0	8,104	0	-2,75	36,91	0	0	0	0,047	37,829	-3,506	0,504	37,832	-3,506	0,504	0	0	0	0	0,076	0,076	0,032	0,032
	0	9,488	0	-2,75	38,294	0	0	0	0,068	45,672	-1,72	0,51	45,674	-1,72	0,51	0	0	0	0	0,069	0,069	0,032	0,032
	0	10,871	0	-2,75	39,678	0	0	0	0,088	49,167	-0,551	0,514	49,166	-0,551	0,514	0	0	0	0	0,063	0,063	0,032	0,032
	0	12,255	0	-2,75	41,061	0	0	0	0,109	49,848	0,22	0,519	49,846	0,22	0,519	0	0	0	0	0,057	0,057	0,032	0,032


Long List Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Long List Table
Components
Longlist
Power Supplies
Sections
Home
Longlist
Select D to view more details
Section Name
Type
Circuit
Class
S
Z
Search
100
Clear
Select and
View
Edit
Delete
New
Export (XLS)
Auswählen
Section
Name
Type
Circuit
Class
Length
Strength
E1/LAG
E2/FREQ
Tilt
S
X
Y
Z
START.28.I1
GUN.28.I1
ACCSTART.32.I1
CAV.32.I1
CAV.34.I1
CAV.35.I1
CAV.36.I1
CAV.38.I1
CAV.39.I1
CAV.41.I1
Show Optics:
Show entries:20 50 100
Fertig


Section detail view - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Section detail view
DESY
XFEL database
Power supplies tabulator
Components
Longlist
Power Supplies
Sections
Home
Section detail view
Edit
Section I1
Name Injector 1
Building XTIN
Power XHEIN
Section Start [m] 0
Section End [m] 92
Back
Components | Longlist | Power Supplies | Sections
Fertig



Search with empty parameters


Power Supplies Table - Mozilla Firefox
Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe
Power Supplies Table
Components Longlist Power Supplies Sections
Home
Power Supplies
Section Type Circuit Class
Search Clear
Select and View Edit Delete New Export (XLS)
Auswählen Section Type Circuit Class # of Magnets Strength [m^(n-1)] Z [m] Distance to Hall [m] Enom [GeV] Cable Length [M] Length [m] Emax [GeV] Imax [A] Vmax [V] Gmax [m^(-n
B1 BA BA.1.B1 SBEN 4 0,07 176,49 198,49 0,5 496,98 0,3 0,8 473 5,4 0,667
B2 BB BB.1.B2 SBEN 4 0,04 380,6 401,3 2 902,6 0,3 3 900 10 1,268
CL BC BC.1.CL SBEN 4 0,01 1707,09 393,39 17,5 886,78 2,5 25 112 7 0,175
CL BC BC.2.CL SBEN 4 -0,01 1815,08 285,4 17,5 670,8 2,5 25 112 7 0,175
T1 BD BD.1.T1 RBEN 4 0 2067,88 32,6 17,5 165,2 1 25 532 9 0,417
TLD BD BD.2.TLD RBEN 2 -0,01 2003,36 97,12 17,5 294,24 1 25 532 9 0,417
TLD BD BD.3.TLD RBEN 4 0 2035,35 65,13 17,5 230,26 1 25 532 9 0,417
TLD BD BD.4.TLD RBEN 2 0,01 2033,35 67,13 17,5 234,26 1 25 532 9 0,417
TLD BD BD.5.TLD RBEN 2 -0,01 2005,36 95,12 17,5 290,24 1 25 532 9 0,417
T3 BE BE.1.T3 SBEN 2 0,02 2550,43 90,25 17,5 280,5 2,5 25 444 34 0,73
Select and View Edit Delete New Export (XLS)
Fertig

- http://131.169.235.128:8988/xfel-ViewController-context-root/faces/app/welcome.jspx