```
####################
1:C52 H32 N6 Ni2 O9
####################

Structure consists of molecules (ZD1). The composition of molecule is Sc
Structure consists of molecules (ZE1). The composition of molecule is V
Topology for ZD1
--------------------
Atom ZD1 links by bridge ligands and has
Common vertex with                                R(A-A)        f Total SA
ZE 1    1.0000    0.7693   -0.2500   ( 1 0-1)     8.361A        1  28.15
ZE 1    0.5000    1.2693   -0.2500   ( 0 0 0)     9.249A        1  25.89
ZE 1    1.0000    0.7693    0.7500   ( 1 0 0)    10.440A        1  45.96
Topology for ZE1
--------------------
Atom ZE1 links by bridge ligands and has
Common vertex with                                R(A-A)        f Total SA
ZD 1   -0.1885    0.9571    1.0357   (-1 0 1)     8.361A        1   9.62
ZD 1    0.1885    0.9571    0.4643   ( 1 0 0)     8.361A        1   9.62
ZD 1   -0.3115    0.4571    0.4643   ( 0-1 0)     9.249A        1   8.85
ZD 1    0.3115    0.4571    1.0357   (-1-1 1)     9.249A        1   8.85
ZD 1   -0.1885    0.9571    0.0357   (-1 0 0)    10.440A        1  15.70
ZD 1    0.1885    0.9571    1.4643   ( 1 0 1)    10.440A        1  15.70
ZE 1    0.0000    0.2307    0.2500   ( 0 1 1)    10.992A        1  15.84
ZE 1    0.0000    0.2307    1.2500   ( 0 1 2)    10.992A        1  15.84
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Structural group analysis
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Structural group No 1
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Structure consists of 3D framework with ZEZD2

Coordination sequences
----------------------
ZD1:  1  2  3   4   5   6   7    8    9   10
Num   3 19 40  89 129 205 265  369  449  581
Cum   4 23 63 152 281 486 751 1120 1569 2150
----------------------
ZE1:  1  2  3   4   5   6   7    8    9   10
Num   8 20 52  84 144 196 284  356  472  564
Cum   9 29 81 165 309 505 789 1145 1617 2181
----------------------
TD10=2160

Vertex symbols for selected sublattice
--------------------------------------
ZD1 Point (Schlafli) symbol:{4;6^2}
Extended point symbol:[4(2).6(6).6(6)]
--------------------------------------
ZE1 Point (Schlafli) symbol:{4^7;6^18;8^3}
Extended point symbol:[4.4.4.4.4.4.4(2).6.6.6.6.6.6.6.6.6(3).6(3).6(3).6(3).6(3).6(3).6(4).6(4).6(4).6(4).6(4).8(8)
--------------------------------------
Point (Schlafli) symbol for net: {4;6^2}2{4^7;6^18;8^3}
3,8-c net with stoichiometry (3-c)2(8-c); 2-nodal net

New topology, please, contact the authors (67371 types in 9 databases)

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Non-equivalent circuits
-----------------------
Circuit No 1; Type=4a; Centroid: (0.953,0.682,0.196)
----------------------------
Atom       x       y       z
----------------------------
ZD1      0.8115  0.9571  0.0357
ZE1      1.0000  0.7693  0.7500
ZE1      1.0000  0.2307  0.2500
ZE1      1.0000  0.7693 -0.2500

Circuit No 2; Type=4b; Centroid: (0.000,0.863,0.250)
----------------------------
Atom       x       y       z
----------------------------
ZD1     -0.1885  0.9571  0.0357
ZE1      0.0000  0.7693  0.7500
ZD1      0.1885  0.9571  0.4643
ZE1      0.0000  0.7693 -0.2500

Circuit No 3; Type=6a; Centroid: (0.656,0.113,0.393)
----------------------------
Atom       x       y       z
----------------------------
ZD1      0.8115 -0.0429  1.0357
```

c.2

```
ZE1      1.0000 -0.2307  0.7500
ZD1      0.8115 -0.0429  0.0357
ZE1      0.5000  0.2693 -0.2500
ZD1      0.3115  0.4571  0.0357
ZE1      0.5000  0.2693  0.7500
Crossed with bonds
```

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.8115	0.0429	0.5357	ZE1	0.5000	-0.2693	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 4; Type=6b; Centroid: (0.719,0.113,0.464)

Atom	x	y	z
ZD1	0.8115	-0.0429	1.0357
ZE1	1.0000	-0.2307	0.7500
ZD1	0.8115	-0.0429	0.0357
ZE1	0.5000	0.2693	-0.2500
ZD1	0.6885	0.4571	0.4643
ZE1	0.5000	0.2693	0.7500

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.8115	0.0429	0.5357	ZE1	0.5000	-0.2693	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 5; Type=6c; Centroid: (0.687,0.992,0.429)

Atom	x	y	z
ZD1	0.8115	0.9571	1.0357
ZE1	1.0000	0.7693	0.7500
ZD1	0.8115	0.9571	0.0357
ZE1	0.5000	1.2693	-0.2500
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	0.7500

Circuit No 6; Type=6d; Centroid: (0.750,0.750,0.500)

Atom	x	y	z
ZD1	0.8115	0.9571	1.0357
ZE1	1.0000	0.7693	0.7500
ZE1	1.0000	0.2307	0.2500
ZD1	0.6885	0.5429	-0.0357
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	0.7500

Circuit No 7; Type=6e; Centroid: (0.750,0.750,0.833)

Atom	x	y	z
ZD1	0.8115	0.9571	1.0357
ZE1	1.0000	0.7693	0.7500
ZE1	1.0000	0.2307	1.2500
ZD1	0.6885	0.5429	0.9643
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	0.7500

Circuit No 8; Type=6f; Centroid: (0.750,0.750,0.000)

Atom	x	y	z
ZD1	0.8115	0.9571	0.0357
ZE1	1.0000	0.7693	-0.2500
ZE1	1.0000	0.2307	0.2500
ZD1	0.6885	0.5429	-0.0357
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	-0.2500

Circuit No 9; Type=6g; Centroid: (0.750,0.750,0.000)

Atom	x	y	z
ZD1	0.8115	0.9571	0.0357
ZE1	1.0000	0.7693	0.7500
ZE1	1.0000	0.2307	0.2500
ZD1	0.6885	0.5429	-0.0357
ZE1	0.5000	0.7307	-0.7500
ZE1	0.5000	1.2693	-0.2500

Circuit No 10; Type=6h; Centroid: (0.750,0.750,0.500)

c.3

Atom	x	y	z
ZD1	0.8115	0.9571	0.0357
ZE1	1.0000	0.7693	0.7500
ZE1	1.0000	0.2307	1.2500
ZD1	0.6885	0.5429	0.9643
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	-0.2500

Circuit No 11; Type=6i; Centroid: (0.937,0.500,0.929)

Atom	x	y	z
ZE1	1.0000	0.7693	0.7500
ZE1	1.0000	0.2307	0.2500
ZD1	0.8115	0.0429	0.5357
ZE1	1.0000	0.2307	1.2500
ZE1	1.0000	0.7693	1.7500
ZD1	0.8115	0.9571	1.0357

Circuit No 12; Type=6j; Centroid: (0.000,0.500,0.000)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZE1	0.0000	0.2307	-0.7500
ZD1	0.1885	0.0429	-0.0357
ZE1	0.0000	0.2307	0.2500
ZE1	0.0000	0.7693	0.7500
ZD1	-0.1885	0.9571	0.0357

Circuit No 13; Type=6k; Centroid: (0.000,0.500,0.000)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZE1	0.0000	0.2307	-0.7500
ZD1	-0.1885	0.0429	-0.4643
ZE1	0.0000	0.2307	0.2500
ZE1	0.0000	0.7693	0.7500
ZD1	0.1885	0.9571	0.4643

Circuit No 14; Type=8a; Centroid: (0.188,0.051,0.125)

Atom	x	y	z
ZE1	0.0000	-0.2307	-0.2500
ZD1	0.1885	-0.0429	-0.5357
ZE1	0.5000	0.2693	-0.2500
ZD1	0.3115	0.4571	0.0357
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	0.7500
ZD1	-0.1885	-0.0429	0.0357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.1885	0.0429	-0.0357	ZE1	0.5000	-0.2693	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 15; Type=8b; Centroid: (0.235,0.051,0.179)

Atom	x	y	z
ZE1	0.0000	-0.2307	-0.2500
ZD1	0.1885	-0.0429	-0.5357
ZE1	0.5000	0.2693	-0.2500
ZD1	0.6885	0.4571	0.4643
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	0.7500
ZD1	-0.1885	-0.0429	0.0357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.1885	0.0429	-0.0357	ZE1	0.5000	-0.2693	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 16; Type=8c; Centroid: (0.211,0.960,0.152)

Atom	x	y	z

c.4

ZE1	0.0000	0.7693	-0.2500
ZD1	0.1885	0.9571	-0.5357
ZE1	0.5000	1.2693	-0.2500
ZE1	0.5000	0.7307	0.2500
ZE1	0.5000	1.2693	0.7500
ZD1	0.1885	0.9571	0.4643
ZE1	0.0000	0.7693	0.7500
ZD1	-0.1885	0.9571	0.0357

Circuit No 17; Type=8d; Centroid: (0.024,0.591,0.777)

Atom	x	y	z
ZE1	0.0000	0.7693	0.7500
ZD1	0.1885	0.9571	0.4643
ZE1	0.0000	0.7693	-0.2500
ZE1	0.0000	0.2307	0.2500
ZD1	0.1885	0.0429	0.9643
ZE1	0.0000	0.2307	1.2500
ZE1	0.0000	0.7693	1.7500
ZD1	-0.1885	0.9571	1.0357

Circuit No 18; Type=8e; Centroid: (0.164,0.778,0.098)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZD1	0.1885	0.9571	-0.5357
ZE1	0.5000	1.2693	-0.2500
ZE1	0.5000	0.7307	0.2500
ZD1	0.3115	0.5429	0.5357
ZE1	0.0000	0.2307	0.2500
ZE1	0.0000	0.7693	0.7500
ZD1	-0.1885	0.9571	0.0357

Atom	x	y	z
ZE1	0.0000	-0.2307	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.5000	0.2693	0.7500
ZD1	0.3115	0.4571	1.0357
ZE1	0.0000	0.7693	0.7500
ZD1	-0.3115	0.4571	0.4643
ZE1	-0.5000	0.2693	0.7500
ZD1	-0.1885	-0.0429	1.0357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 3	ZD1	-0.1885	0.0429	0.5357	ZE1	0.0000	0.2307	1.2500	10.440	4b/1 6a/1 6a/1 6b/1 6b/
* 3	ZD1	0.1885	0.0429	0.9643	ZE1	0.0000	0.2307	0.2500	10.440	4b/1 6a/1 6a/1 6b/1 6b/

Circuit No 20; Type=8g; Centroid: (0.188,0.051,0.750)

Atom	x	y	z
ZE1	0.0000	-0.2307	0.7500
ZD1	0.1885	-0.0429	1.4643
ZE1	0.5000	0.2693	1.7500
ZD1	0.3115	0.4571	1.0357
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	-0.2500
ZD1	-0.1885	-0.0429	0.0357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.1885	0.0429	0.9643	ZE1	0.5000	-0.2693	1.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a/

Circuit No 21; Type=8h; Centroid: (0.235,0.051,0.804)

Atom	x	y	z
ZE1	0.0000	-0.2307	0.7500
ZD1	0.1885	-0.0429	1.4643
ZE1	0.5000	0.2693	1.7500
ZD1	0.6885	0.4571	1.4643
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	-0.2500
ZD1	-0.1885	-0.0429	0.0357

c.5

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	0.1885	0.0429	0.9643	ZE1	0.5000	-0.2693	1.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 22; Type=8i; Centroid: (0.211,0.960,0.777)

Atom	x	y	z
ZE1	0.0000	0.7693	0.7500
ZD1	0.1885	0.9571	1.4643
ZE1	0.5000	1.2693	1.7500
ZE1	0.5000	0.7307	1.2500
ZE1	0.5000	1.2693	0.7500
ZD1	0.1885	0.9571	0.4643
ZE1	0.0000	0.7693	-0.2500
ZD1	-0.1885	0.9571	0.0357

Circuit No 23; Type=8j; Centroid: (0.024,0.591,0.777)

Atom	x	y	z
ZE1	0.0000	0.7693	0.7500
ZD1	0.1885	0.9571	1.4643
ZE1	0.0000	0.7693	1.7500
ZE1	0.0000	0.2307	1.2500
ZD1	0.1885	0.0429	0.9643
ZE1	0.0000	0.2307	0.2500
ZE1	0.0000	0.7693	-0.2500
ZD1	-0.1885	0.9571	0.0357

Circuit No 24; Type=8k; Centroid: (0.164,0.778,0.723)

Atom	x	y	z
ZE1	0.0000	0.7693	0.7500
ZD1	0.1885	0.9571	1.4643
ZE1	0.5000	1.2693	1.7500
ZE1	0.5000	0.7307	1.2500
ZD1	0.3115	0.5429	0.5357
ZE1	0.0000	0.2307	0.2500
ZE1	0.0000	0.7693	-0.2500
ZD1	-0.1885	0.9571	0.0357

Circuit No 25; Type=8l; Centroid: (0.000,0.238,0.750)

Atom	x	y	z
ZE1	0.0000	-0.2307	0.7500
ZD1	0.1885	-0.0429	1.4643
ZE1	0.5000	0.2693	1.7500
ZD1	0.3115	0.4571	1.0357
ZE1	0.0000	0.7693	0.7500
ZD1	-0.3115	0.4571	0.4643
ZE1	-0.5000	0.2693	-0.2500
ZD1	-0.1885	-0.0429	0.0357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 2	ZD1	-0.1885	0.0429	0.5357	ZE1	0.0000	0.2307	0.2500	8.361	4b/1 6a/1 6a/1 6b/1 6b
* 2	ZD1	0.1885	0.0429	0.9643	ZE1	0.0000	0.2307	1.2500	8.361	4b/1 6a/1 6a/1 6b/1 6b

Circuit No 26; Type=8m; Centroid: (0.000,0.238,0.125)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZD1	0.3115	0.4571	0.0357
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	0.7500
ZD1	-0.1885	-0.0429	0.0357
ZE1	-0.5000	0.2693	-0.2500
ZD1	-0.3115	0.4571	-0.5357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 2	ZD1	0.1885	0.0429	-0.0357	ZE1	0.0000	0.2307	0.2500	8.361	4b/1 6a/1 6a/1 6b/1 6b
* 3	ZD1	-0.1885	0.0429	-0.4643	ZE1	0.0000	0.2307	0.2500	10.440	4b/1 6a/1 6a/1 6b/1 6b

c.6

Circuit No 27; Type=8n; Centroid: (0.000,0.488,0.250)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZD1	0.3115	0.4571	0.0357
ZE1	0.5000	0.2693	0.7500
ZD1	0.3115	0.4571	1.0357
ZE1	0.0000	0.7693	0.7500
ZD1	-0.3115	0.4571	0.4643
ZE1	-0.5000	0.2693	-0.2500
ZD1	-0.3115	0.4571	-0.5357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 4	ZD1	-0.3115	0.5429	-0.0357	ZE1	0.0000	0.2307	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a
* 4	ZD1	0.3115	0.5429	0.5357	ZE1	0.0000	0.2307	0.2500	9.249	6a/1 6a/1 6b/1 6b/1 8a

Circuit No 28; Type=8o; Centroid: (0.000,0.238,0.000)

Atom	x	y	z
ZE1	0.0000	0.7693	-0.2500
ZD1	0.3115	0.4571	0.0357
ZE1	0.5000	0.2693	0.7500
ZD1	0.1885	-0.0429	0.4643
ZE1	0.0000	-0.2307	-0.2500
ZD1	-0.1885	-0.0429	0.0357
ZE1	-0.5000	0.2693	-0.2500
ZD1	-0.3115	0.4571	-0.5357

Crossed with bonds

No	Atom	x	y	z	Atom	x	y	z	Dist.	N Cycles
* 2	ZD1	0.1885	0.0429	-0.0357	ZE1	0.0000	0.2307	0.2500	8.361	4b/1 6a/1 6a/1 6b/1 6b
* 3	ZD1	-0.1885	0.0429	-0.4643	ZE1	0.0000	0.2307	0.2500	10.440	4b/1 6a/1 6a/1 6b/1 6b

Ring links

Cycle 1	Cycle 2	Chain	Cross	Link	Hopf	Mult
6a	6a	1	1	1	*	2
6a	6b	1	1	1	*	2
6a	8a	1	1	1	*	2
6a	8b	1	1	1	*	2
6a	8f	1	1	1	*	2
6a	8g	1	1	1	*	2
6a	8h	1	1	1	*	2
6a	8l	1	1	1	*	2
6a	8m	1	1	1	*	4
6a	8n	1	1	1	*	2
6a	8o	1	1	1	*	4
6b	6a	1	1	1	*	2
6b	6b	1	1	1	*	2
6b	8a	1	1	1	*	2
6b	8b	1	1	1	*	2
6b	8f	1	1	1	*	2
6b	8g	1	1	1	*	2
6b	8h	1	1	1	*	2
6b	8l	1	1	1	*	2
6b	8m	1	1	1	*	4
6b	8o	1	1	1	*	4
8a	6a	1	1	1	*	2
8a	6b	1	1	1	*	2
8a	8a	1	1	1	*	2
8a	8b	1	1	1	*	2
8a	8f	1	1	1	*	2
8a	8g	1	1	1	*	2
8a	8h	1	1	1	*	2
8a	8l	1	1	1	*	2
8a	8m	1	1	1	*	4
8a	8n	1	1	1	*	2
8a	8o	1	1	1	*	4
8b	6a	1	1	1	*	2
8b	6b	1	1	1	*	2
8b	8a	1	1	1	*	2
8b	8b	1	1	1	*	2
8b	8f	1	1	1	*	2
8b	8g	1	1	1	*	2
8b	8h	1	1	1	*	2
8b	8l	1	1	1	*	2

c.7

8b	8m	1	1	1	*	4
8b	8n	1	1	1	*	2
8b	8o	1	1	1	*	4
8f	4b	1	2	0		1
8f	6a	1	1	1	*	4
8f	6b	1	1	1	*	4
8f	8a	1	1	1	*	4
8f	8b	1	1	1	*	4
8f	8g	1	1	1	*	4
8f	8g	1	2	0		2
8f	8h	1	1	1	*	4
8f	8h	1	2	0		2
8f	8i	1	2	0		2
8f	8l	1	1	1	*	4
8f	8m	1	1	1	*	4
8f	8n	1	1	1	*	2
8f	8o	1	1	1	*	4
8g	6a	1	1	1	*	2
8g	6b	1	1	1	*	2
8g	8a	1	1	1	*	2
8g	8b	1	1	1	*	2
8g	8f	1	1	1	*	2
8g	8g	1	1	1	*	2
8g	8h	1	1	1	*	2
8g	8l	1	1	1	*	2
8g	8m	1	1	1	*	4
8g	8n	1	1	1	*	2
8g	8o	1	1	1	*	4
8h	6a	1	1	1	*	2
8h	6b	1	1	1	*	2
8h	8a	1	1	1	*	2
8h	8b	1	1	1	*	2
8h	8f	1	1	1	*	2
8h	8g	1	1	1	*	2
8h	8h	1	1	1	*	2
8h	8l	1	1	1	*	2
8h	8m	1	1	1	*	4
8h	8n	1	1	1	*	2
8h	8o	1	1	1	*	4
8l	4b	1	2	0		1
8l	6a	1	1	1	*	4
8l	6b	1	1	1	*	4
8l	8a	1	1	1	*	4
8l	8a	1	2	0		2
8l	8b	1	1	1	*	4
8l	8b	1	2	0		2
8l	8c	1	2	0		2
8l	8f	1	1	1	*	4
8l	8g	1	1	1	*	4
8l	8h	1	1	1	*	4
8l	8m	1	1	1	*	4
8l	8n	1	1	1	*	2
8l	8o	1	1	1	*	4
8m	4b	1	2	0		1
8m	6a	1	1	1	*	4
8m	6b	1	1	1	*	4
8m	8a	1	1	1	*	4
8m	8a	1	2	0		1
8m	8b	1	1	1	*	4
8m	8b	1	2	0		1
8m	8c	1	2	0		1
8m	8f	1	1	1	*	2
8m	8g	1	1	1	*	4
8m	8g	1	2	0		1
8m	8h	1	1	1	*	4
8m	8h	1	2	0		1
8m	8i	1	2	0		1
8m	8l	1	1	1	*	2
8m	8m	1	1	1	*	2
8m	8m	1	2	0		1
8m	8n	1	1	1	*	2
8m	8o	1	1	1	*	2
8m	8o	1	2	0		1
8n	6a	1	1	1	*	4
8n	6b	1	1	1	*	4
8n	8a	1	1	1	*	4
8n	8b	1	1	1	*	4
8n	8f	1	1	1	*	2
8n	8f	1	2	0		1
8n	8g	1	1	1	*	4
8n	8h	1	1	1	*	4
8n	8l	1	1	1	*	2
8n	8l	1	2	0		1
8n	8m	1	1	1	*	4
8n	8m	1	2	0		2

c.8

8n	8n	1	2	0		2
8n	8o	1	1	1	*	4
8n	8o	1	2	0		2
8o	4b	1	2	0		1
8o	6a	1	1	1	*	4
8o	6b	1	1	1	*	4
8o	8a	1	1	1	*	4
8o	8a	1	2	0		1
8o	8b	1	1	1	*	4
8o	8b	1	2	0		1
8o	8c	1	2	0		1
8o	8f	1	1	1	*	2
8o	8g	1	1	1	*	4
8o	8g	1	2	0		1
8o	8h	1	1	1	*	4
8o	8h	1	2	0		1
8o	8i	1	2	0		1
8o	8l	1	1	1	*	2
8o	8m	1	1	1	*	2
8o	8m	1	2	0		1
8o	8n	1	1	1	*	2
8o	8o	1	1	1	*	2
8o	8o	1	2	0		1

Elapsed time: 10.88 sec.