



### Star of California by Wayne Emery

Copyright 2007, Permission by Brant Emery  
 Angles for R.I. = 1.760  
 81 + 16 girdles = 97 facets  
 4-fold mirror-image symmetry  
 96 index  
 $L/W = 1.000$   $T/W = 0.526$   $U/W = 0.526$   
 $P/W = 0.476$   $C/W = 0.153$   
 $Vol./W^3 = 0.297$

### Pavilion

1	90.00	96-24-48-72
2	40.19	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93
3	90.00	04-20-28-44-52-68-76-92
4	90.00	12-36-60-84
5	65.23	04-20-28-44-52-68-76-92
6	66.25	96-24-48-72
7	39.00	06-18-30-42-54-66-78-90
8	40.74	96-24-48-72
9	40.68	12-36-60-84

size stone  
 cut to TCP  
 GMPs on 1, 2  
 Split corners into thirds by eye  
 GMP 2, 4, 3  
 MP 2, 5, 2  
 MP 2, 6, 5, 2  
 MP 2, 7, 7, 2  
 GMP 5, 3, 4, 2

### Crown

A	42.95	96-24-48-72
B	35.68	04-20-28-44-52-68-76-92
C	37.88	12-36-60-84
D	34.00	02-22-26-46-50-70-74-94
E	35.71	01-23-25-47-49-71-73-95
F	17.49	96-24-48-72
G	0.00	Table

set girdle width begin level girdle  
 GMP continue level girdle  
 GMP complete level girdle  
 GMP 1, A, B, 3  
 GMP1, A, D, B, 3  
 MP D, E, E, D  
 MP F, D, B, C, B, D, F

Created for ML Ernst by Wayne Emery