**Tris de Garnet**

by Tom Herbst, 2001

USFG 2009 Single Stone Competition

Novice Stone

Angles for R.I. = 1.540

19 + 6 girdles = 25 facets

3-fold radial symmetry

96 index

L/W = 1.155  T/W = 0.505  U/W = 0.470

P/W = 0.441  C/W = 0.127

Vol./W³ = 0.195

**PAVILION**

P1  90.00°  96-32-64  CAM preform 22.5
P2  90.00°  16-48-80  CAM preform 34
P3  44.95°  14-46-78  Cut to prev ctr. Cuts away CAM
P4  40.40°  96-32-64  Cut to low girdle meets
P5  54.19°  16-48-80  Same meet - levels girdle

**CROWN**

C1  32.30°  16-48-80  Set girdle height
C2  21.21°  96-32-64  Level girdle
C3  23.36°  14-46-78  Cut to C1-C2-girdle meet
T   0.00°  Table

Material - Cutters Choice

Width to be 11mm +/- .5mm

Girdle to be .3mm +/- .1mm

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