

Grand Cayman: CIGD11-GCGD59:

CIGD11-GCGD59 is the 7 parameter transformation used to transform between global CIGD11 positions and GCGD59 local ellipsoid positions. The transformation is generally accurate to within 1ft, for more accurate work local horizontal site calibrations are commonly used.

Rotation values are signed to follow the Coordinate Frame rotation convention used by ESRI and Trimble. The Position Vector convention used in some other software signs the rotation values oppositely.

Values in meters:

The image shows a software dialog box titled "Datum Transformation Properties [Read Only]". It has a tab labeled "Seven Parameter". The dialog contains the following fields and options:

- Name: CIGD11-GCGD59
- Export Name: CIGD11-GCGD59
- Ellipsoid: Clarke 1866 (with a dropdown arrow and an ellipsis button)
- Parameters section with two radio buttons:
 - To WGS-84
 - From WGS-84
- Translation X (m): -179.483
- Translation Y (m): -69.379
- Translation Z (m): -27.584
- Rotation X (secs): 7.862
- Rotation Y (secs): -8.163
- Rotation Z (secs): -6.042
- Scale Factor (ppm): -13.925

At the bottom of the dialog are four buttons: OK, Cancel, Apply, and Help.

Sister Islands: CIGD11-SIGD61:

CIGD11-SIGD61 is the 7 parameter transformation used in Cayman Brac and Little Cayman to transform between global CIGD11 positions and SIGD61 local ellipsoid positions. The transformation is generally accurate to within 0.5ft, for more accurate work local horizontal site calibrations are commonly used

Rotation values are signed to follow the Coordinate Frame rotation convention used by ESRI and Trimble. The Position Vector convention used in some other software signs the rotation values oppositely.

Values in meters:

The image shows a software dialog box titled "Datum Transformation Properties [Read Only]". It has a tab labeled "Seven Parameter". The dialog contains the following fields and options:

- Name : CIGD11-SIGD61
- Export Name : CIGD11-SIGD61
- Ellipsoid : Clarke 1866 (with a dropdown arrow and an ellipsis button)
- Parameters section:
 - To WGS-84
 - From WGS-84
 - Translation X (m) : 8.853
 - Translation Y (m) : -52.644
 - Translation Z (m) : 180.304
 - Rotation X (secs) : 0.393
 - Rotation Y (secs) : 2.323
 - Rotation Z (secs) : -2.96
 - Scale Factor (ppm) : -24.081

At the bottom of the dialog are four buttons: OK, Cancel, Apply, and Help.