ISO Geodetic Registry

Item class Ellipsoid

Name **Clarke 1866**

Item status **VALID** 28 Identifier

Information source Title Annual Report of the Superintendent of the Coast

and Geodetic Survey for fiscal year ended June

30, 1927

Author Coast and Geodetic Survey Publisher Coast and Geodetic Survey

Publication date 1927

Universal Transverse Mercator Grid Tables For Information source Title

Latitudes 0°-80° Clarke 1866 Spheroid (Meters)

Volume II

Author U.S. Army Map Service U.S. Army Map Service Publisher

Publication date 1958-07

Series/Journal name Technical Manual Issue identification TM 5-241-4/2

Title Transformation of grid coordinates Information source

> Author U.S. Army Map Service U.S. Army Map Service Publisher

Publication date 1944

Series/Journal name Army Map Services Bulletin

Issue identification 7.0

Information source Annual Report of the Director, United States Title

> Coast and Geodetic Survey to the Secretary of Commerce for the Fiscal Year Ended June 30,

1930

Author **US Government**

Government Printing Office Publisher

Publication date 1930-06-30 Edition date 1930-06-30 Page 33.0 Other citation details NGVD29

Grids and Grid References Information source Title

Author Department of the Army

Publisher Headquarters, Department of the Army,

Washington, DC

Publication date 1967-06-07

Series/Journal name Department of the Army Technical Manual

Issue identification TM 5-241-1

Information source Title Universal transverse mercator grid tables. Clarke

> 1866 (Technical Manual nos. 7, 21, 37), Clarke 1880 (nos. 9, 48), Everest (nos. 11, 49), Bessel (nos. 8, 39), International (no. 6) spheroids

Author U.S. Army Map Service Publisher U.S. Army Map Service

Publication date 1951

Data source ISO Geodetic Registry

Original definition a=20926062 and b=20855121 (British) feet. Remarks

> Uses Clarke's 1865 inch-metre ratio of 39.370432 to obtain metres. Metric value then converted to US survey feet for use in the US and

international feet for use in Cayman Islands.

6378206.4 m Semi-major axis Semi-minor axis 6356583.8 m