

# ISO Geodetic Registry

|                           |   |  |
|---------------------------|---|--|
| <i>Item class</i>         | Transformation  |  |
| <i>Name</i>               | <b>JGD2000 (vertical) to JGD2011 (vertical) [GSIV2]</b>         |  |
| <i>Item status</i>        | VALID   |  |
| <i>Identifier</i>         | 622   |  |
| <i>Information source</i> | <i>Title</i>  | Software for Correcting Geodetic Coordinates and Elevations PatchJGD HV            |
|                           | <i>Author</i>   | Geospatial Information Authority of Japan (GSI)                                    |
|                           | <i>Publisher</i>  | Geospatial Information Authority of Japan (GSI), Tsukuba, Japan                    |
|                           | <i>Publication date</i>   | 2017-03-28   |
|                           | <i>Edition</i>  | 1.1.0.0  |
| <i>Information source</i> | <i>Other citation details</i>                                   | Webpage in Japanese.   |
|                           | <i>Title</i>  | PatchJGD, Software for Correcting Geodetic Coordinates for Coseismic Displacements |
|                           | <i>Author</i>   | M. Tobita  |
|                           | <i>Publisher</i>  | Journal of the Geodetic Society of Japan   |
|                           | <i>Publication date</i>   | 2009   |
|                           | <i>Series/Journal name</i>                                      | Journal of the Geodetic Society of Japan   |
|                           | <i>Issue identification</i>                                     | Volume 55, Number 4  |
|                           | <i>Page</i>   | 355-367  |
|                           | <i>Other citation details</i>                                   | In Japanese with English abstract.   |
| <i>Data source</i>        | ISO Geodetic Registry   |  |
| <i>Remarks</i>            | PatchJGD HV application from GSI. Replaces PatchJGD for Height. |  |
| <i>Operation version</i>  | GSIV2   |  |
| <i>Scope</i>              | Spatial referencing   |  |
| <i>Operation accuracy</i> | 0.03 m  |  |
| <i>Source CRS</i>         | JGD2000 (vertical) - Oht  |  |
| <i>Target CRS</i>         | JGD2011 (vertical) - Oht  |  |
| <i>Operation method</i>   | PatchJGD HV   |  |

## Extent

|                                |                                     |       |
|--------------------------------|-------------------------------------|-------|
| <i>Description</i>             | <b>Japan - onshore and offshore</b> |       |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i>         | 122.9 |
|                                | <i>North-bound latitude</i>         | 45.6  |
|                                | <i>East-bound longitude</i>         | 154.0 |
|                                | <i>South-bound latitude</i>         | 20.4  |

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|                    |  |
|--------------------|--|
| <i>Item class</i>  | OperationMethod  |
| <i>Name</i>        | <b>PatchJGD HV</b>   |
| <i>Item status</i> | VALID  |
| <i>Identifier</i>  | 85   |
| <i>Data source</i> | ISO Geodetic Registry  |
| <i>Remarks</i>     | GSI application with grid of both horizontal coordinate and orthometric height shifts in proprietary format. |