Shift Strimble.

Presented By: Chris Pearson Sebastien Vielliard

NSRS 2022

Integration in Trimble Software

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Map of Displacement Models

Euler Poles Average Velocity only Velocity + EQ + PS Distortion grid

We are adding support for old realizations, through grid transformations...



We today support

- NAD 83(2011/PA11/MA11) for USA
 + CA SRS Epoch 2017.5 (NAD83) for California
 + NAD83(CSRS)v7-1997/2002/2010 for Canada
- HTDP 3.4 using grid files in Trimble format for USA
 + CSRS Velocity Grid V7.0 for Canada
- State Planes Coordinate System zones
 + wide area zones for GIS
 - + county systems for several states
- GEOID18 for US
 - + CGG2013a for Canada



NSRS 2022

We plan to add

- N/P/C/MRF2022 for USA What about California & Canada?
- New IFDM and new EPs, using grid files in Trimble format *What about Canada?*
- State Planes Coordinate System zones 2022
 + including wide area zones for GIS & LDP zones for several states What about Canada?
- GEOID22 for US & Canada
- We are adding support for old realizations, through grid transformations.



Expected inputs

We would like

- 14 parameter transformations from ITRF2020 to N/P/C/MRF2022
- IFDM in a format we can convert into Trimble format for integration and beta testing. (GGXF may be a little too early at this stage, because it is not completed. But we will support it when completed.)
- State Planes Coordinate System zones parameters in any ASCII format, so we we can import parameters automatically, for all 968 zones.
 (BTW we would also need test points, like 5 points per zone, to ensure parameters were imported properly, with resulting zones providing expected coordinates.
- GEOID22 in a format we can convert into Trimble format.
- Datum Grid Transformations between NAD 83 and NSRS 2022, in a format we can convert into Trimble format.



Trimble

Thank You

For Questions or Feedback please contact: chris_pearson2@trimble.com sebastien_vielliard@trimble.com

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תודה KIITOS TACK BEDANKT E Dziêkujemy Teşekkürler GRAZIE VINAKA DANKIE TERIMA KAS Obrigado शुक्रया AČIŪ Ευχαριστώ БЛАГОДАРИМ ВИ Спасибо HVALA VAM TAKK Ďakujem vám あ **GRACIAS** merci நன்றி **SALAMAT** 감 A HVALA VAM **VIELEN DANK NDIOLCH** KÖSZÖNJÜK NGĀ MIHI 7 ē **E** MULTUMIM ਤਹਾਡਾ ਧੰਨਵਾਦ Xin Cảm Ơn ま