Foreword

Following the IERS Terms of Reference (https://www.iers.org/ToR), the ITRS Center is responsible for the maintenance of the ITRS/ITRF, to provide the ITRS Combination Centers with specifications, and to evaluate their respective results.

The purpose of this IERS Technical Note is to, primarily, acknowledge the activities of the ITRS Combination Centers at DGFI and JPL, beside the ITRS Combination Center at IGN which is part of the ITRS Center. It includes the description of both DTRF2014 and JTRF2014, as well as their inter-comparisons with respect to the official IERS solution, the ITRF2014.

The Technical Note was also intended to include evaluations of the three solutions by the IERS Technique Centers (IDS, IGS, ILRS and IVS) who constantly provide input solutions to the ITRF. In addition to DGFI, JPL and ITRS Center contributions, the Technical Note includes contributions from IDS, ILRS and IVS.

The ITRS Center is therefore thankful to the ITRS Combination Centers at DGFI and JPL for the generation of their solutions: DTRF2014 and JTRF2014, as well as to the IAG Technique Services (IDS, ILRS, IGS and IVS) and their Analysis and Combination Centers for their contribution by providing reprocessed solutions to the ITRF2014.

The IERS ITRS Center is particularly grateful to all the institutions that provide the necessary investment for the space geodetic observatories which constitute the main ITRF foundation.

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