

# IVS perspective on ITRF updates

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1. How long does it take to produce/adopt updates?
  - Produce yearly updates: ACs 1-2 months, CC 1 month
  - Produce reprocessing: ACs 3.5 months, CC 1.5 months
  - Adopt: < 1 month for operational ACs (without reprocessing)
2. What are the requirements for your component to do the update?
  - Ideally, EOP (C04/Bulletin A) update would be released simultaneously with ITRF update
  - No other dependencies

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3. What is the current procedure when updating?
  - A single date is introduced when every AC switches
  - Question about enforcement → documentation is essential
4. Sketch the optimal update procedure
  - Important that ITRF/EOP updates are jointly performed on a certain date
  - Future vision: additional ITRF solutions that are updated continuously (epoch TRF)
  - Operational and repro ITRF solutions should adhere to the same standards
5. Please sketch your consistency concerns, if any.
  - Inconsistencies between ITRF, EOP and ICRF

# Practical issues with ITRF updates

1. Reference EOP series are **not consistent** with the previous ITRF update at the time of the next update
  - Problem for validating the new ITRF contribution
2. Data exchange/standards **not unique** or implemented inconsistently
  - inconsistent SINEX format implementations
  - AC-specific parameterisations
  - radio source naming conventions
  - etc.
3. Reprocessing is a **big effort** for non-operational (associate) ACs
  - May require additional time for the AC
  - but advantageous for entering operational IVS products