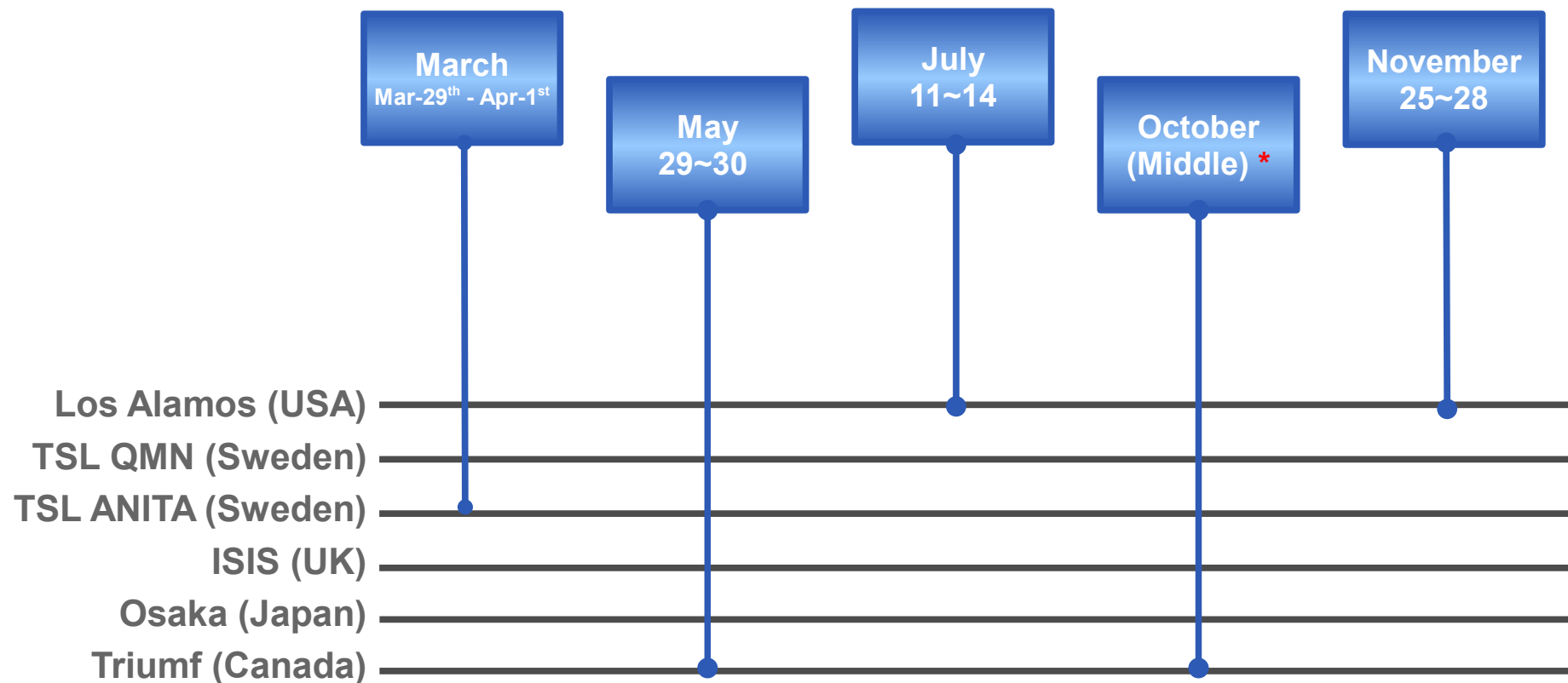




2010 SER Test Shuttle Schedule

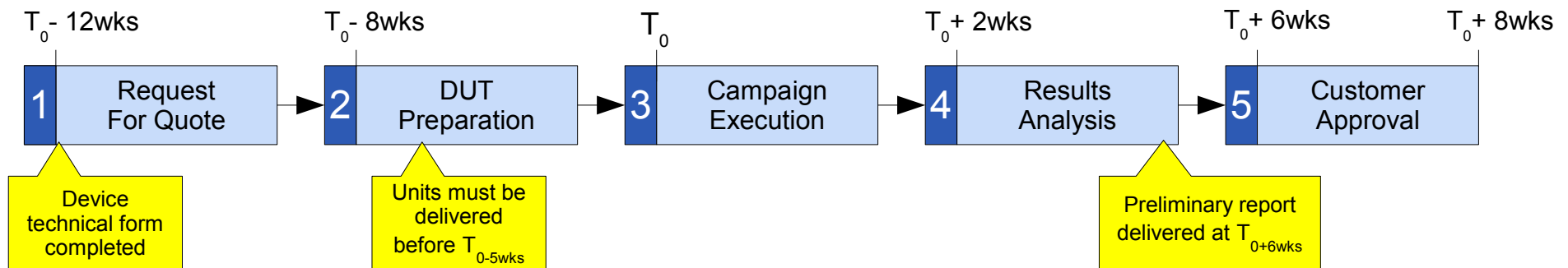


Neutron Facilities Schedule 2010



* Preliminary schedule. Final dates to be confirmed later.

Shuttle Campaign Flow



- STEP 1:** Please fill the device technical form and request for a quote. PO must be placed before starting DUT preparation. (iRoC deliverable : **Quote**)
- STEP 2:** All technical information must be available at beginning of DUT preparation. Units must be delivered to iRoC no later than 5 weeks prior to campaign. (iRoC deliverable : **Test Plan**)
- STEP 3:** Campaign will be executed on 1 or 2 weeks.
- STEP 4:** Analysis will take 4 weeks depending on quantity and complexity of collected data. (iRoC deliverable : **Preliminary Test Report***)
- STEP 5:** Once preliminary report is issued, customer has 2 weeks to provide feedbacks. Once approved, final report is released. (iRoC deliverable : **Final Test Report***)

(* All results will be delivered on secured FTP account)

Other particles

- **Alpha particles**
 - Alpha tests are performed in house at iRoC French offices using different AM-241 sources.
 - Testing is available all the year.
- **Protons, Heavy-Ions, Thermal Neutrons and TID**
 - These tests are performed on customer demand (dedicated tests instead of shuttle)
 - Please contact us to get information on possible schedule.
- **Real Time testing**
 - Customer specific solution can be available on demand.
 - Can combine high altitude and cave testing.



Useful Information

- Depending on device type and device size, some beam facilities may be more appropriate to collect sufficient data in reasonable amount of test time. Do not hesitate to contact us to help you finding what slot could best fit for your device.
- At that time, beam dates are not yet confirmed, your feedback is greatly appreciated to help us defining best schedule to fit industry constraints. Our goal is to reduce the time between device availability and results delivery.
- Our shuttle mode allows to push a device from one test slot to another one in case of any preparation delay.
- Our SERTEST service tries to bring as much flexibility as possible, do not hesitate to contact us to draft the solution for your device testing.
- We need an average of 8 weeks to prepare a DUT and an average of 4 weeks after campaign completion to provide results. Availability of technical information and devices on time is key to success.
- Confidentiality of results is very critical for us: device names are replaced by code during preparation and test execution, results are only delivered through secured FTP account.