Trademark Clearinghouse
Implementation Assistance Group Technical Call #5

Thursday, February 23, 2012

08:00 UTC

Housekeeping

- Please MUTE your phone *6 (to un-mute, *7)
- Please log into Adobe Connect for each call where possible
  - Raise hand via the User Icon
- All participants should declare their interests when participating
  - Potential bidders should make this explicit
- Follow-up will occur via e-mail outside the call
- Participants can use the distribution list for discussion
- Reminder: this call is being recorded.

Agenda

(5 min)   Introduction and Housekeeping

(45 min)   T3 discussion

- Previous discussion recap

- Clarifying Questions and Discussion Period

(30 min)   T2 discussion

- Previous discussion recap

- Clarifying Questions and Discussion Period

(10 min)   Conclusion

Background/Introduction

- Purpose of the group is to provide advice on key TMCH processes and high level technical implementation issues (not to design solutions).

- Goal is for ICANN to deliver a set of business requirements to the service provider(s) selected out of the TMCH RFI Process.

- The technical discussion track has allocated more time around three interrelated areas of discussion, spread across multiple calls:

  - T1: Data Locations – what business requirements will apply to the distribution of TMCH data to registries/registrars? (Comment period closed).

  - T2: Data Access – how should the TMCH classify data and what mandatory access controls should be written into the business requirements?

  - T3: Communication Protocols – what protocols should the vendor and other parties involved (e.g., registries, registrars) be required to use to implement the TMCH's core functions, and what extensions to standards are going to be required to support that functionality?
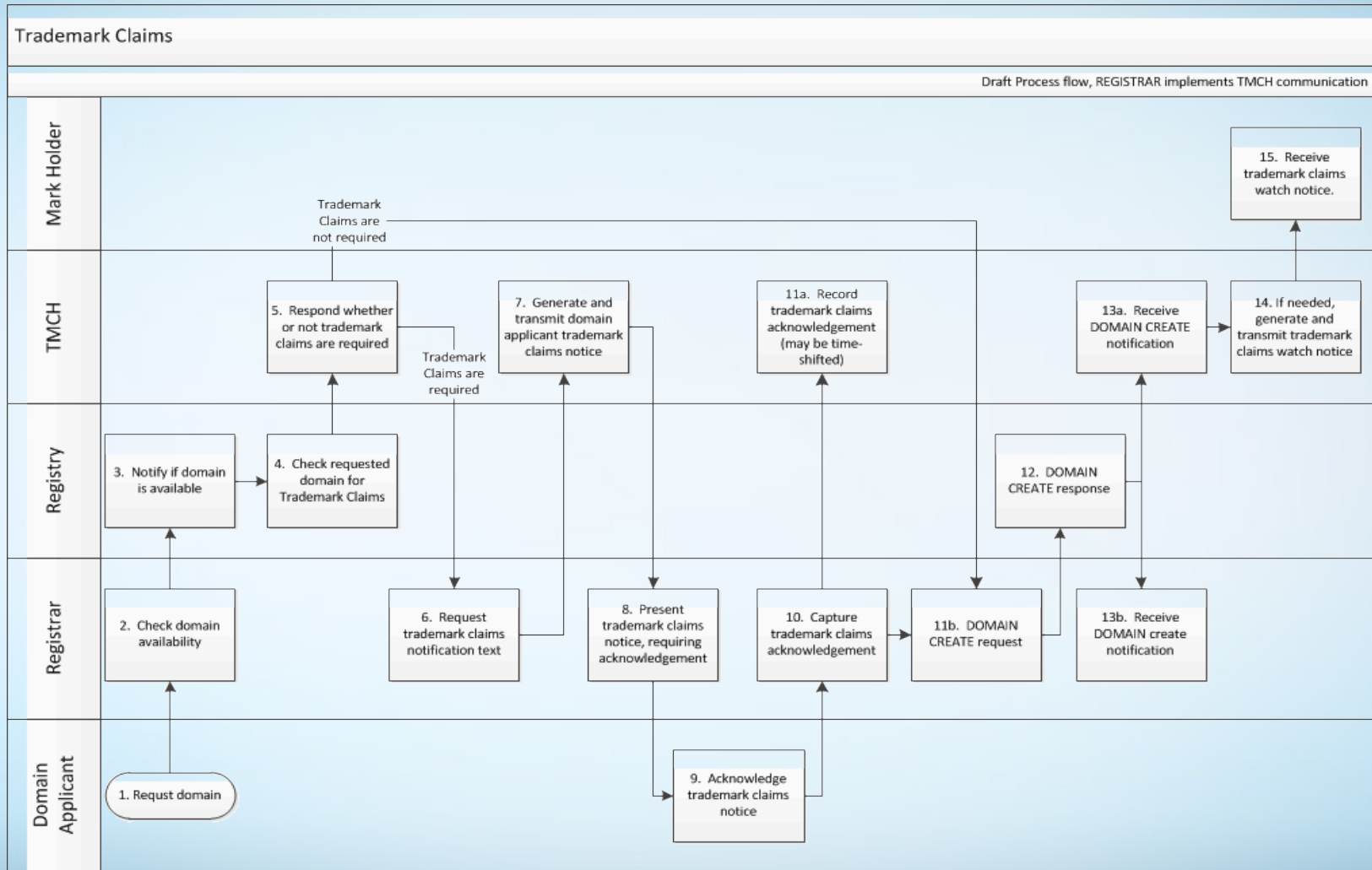
T3 – Sunrise
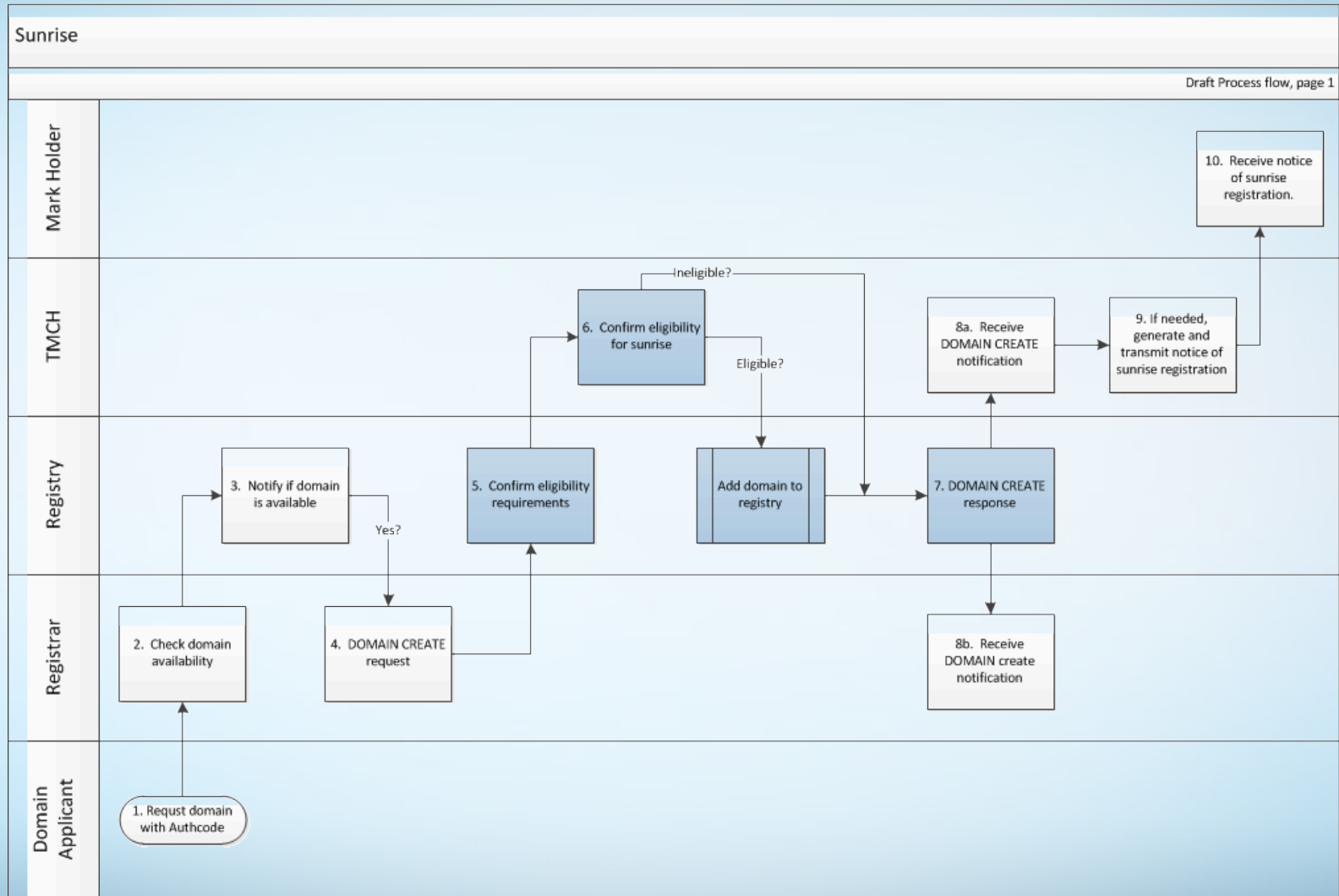
T3 – Sunrise Data Protocols

Sunrise Transaction	Protocol	Send	Receive
Check domain name availability	EPP <check>	Registrar	Registry
Add a domain name	EPP <create>	Registrar	Registry
Perform a TMCH lookup of a domain name and auth code	EPP <check>	Registry	TMCH
Notification of a new domain name registration	EPP <create>	Registry	TMCH
Notification of a new domain name registration	EPP <response>	Registry	Registrar
Transmit notice of sunrise registration	TMCH-defined	TMCH	Mark holder

T3 – Claims

T3 – Claims Data Protocols

Claims Transaction	Protocol	Send	Receive
Check domain name availability	EPP <check>	Registrar	Registry
Check for claims on a requested domain name	DNS	Registrar*	TMCH
Obtain trademark claims notice text and content	EPP <info+>	Registrar*	TMCH
Present trademark claims notice	Registrar UI	Registrar	Applicant
Capture acknowledgement of claims notice	Registrar UI	Applicant	Registrar
Communicate acknowledgement to TMCH	EPP <update+>	Registrar	TMCH*
Registrar registration process	Registrar UI	Registrar	Applicant
Add domain name	EPP <create>	Registrar	Registry
Confirm acknowledgement of claims notice	EPP <check>	Registry*	TMCH*
Notification of new domain registration	EPP <create>	Registry	TMCH
Notification of new domain registration	EPP <response>	Registry	Registrar
Transmission of trademark claims watch notice	TMCH-defined	TMCH	Mark holder

T3 – Data Protocols

- Comparing the two images, note that:
  - In Sunrise, the registry performs TMCH queries
  - In Claims, the registrar performs TMCH queries

- Problem: complicated implementation
  - Should be either Registry or Registrar, not both.
  - What are the **technical merits** of either approach?

T2 – Controls on Access/Use

Data Use	Description
Internal	Information is not published or distributed except when required by law
Public	Information may be published or distributed with minimal restrictions (e.g., rate limiting) to non-partners.
Partner	Distribution is limited to specific parties in clear text, under contractual terms that limit uses and further distribution
Restricted	Distribution is limited to specific parties, under contractual terms that limit uses and further distribution, implementing prescribed procedural and/or technical control measures.

- The consensus appears to be that overall framework is appropriate.

T2 – Data Classes in the TMCH

- Trademark strings potentially registerable as domain names
- Authentication credentials (username/passwords, Sunrise Authentication codes or tokens, etc)
- Trademarks, including jurisdiction, class, registered owner
- Supporting documentation submitted by mark holders or used by the TMCH to verify rights
- Mark holder or agent contact information
- Domain registrant contact information
- Authentication and Validation history
- Payment and renewal history
- Transactional information about activity of TMCH external transactions
- Ancillary service data
- Reports and other publications

T2 - TMCH External Transactions

- Create Agent/Submitter record with the TMCH
- Submit for listing or edit a trademark record in the TMCH
- Renewals of records
- Sunrise domain name eligibility check
- Determining that a claims notice is required
- Generating claims notices
- Presenting claims notices
- Capturing claims acknowledgement
- Notifying rights holders of matching domain registration
- Request to produce history/audit trails

Are there any technical controls that need to be applied these transactions? Missing external transactions?

T2 – Parties who interact with TMCH

- Internal users
  - Validation providers
- Rights holders and their agents
- Registries
- Registrars
- Domain name applicants and registrants
- Dispute resolution service providers
- Providers of ancillary services
- Policy makers and ICANN organizational structures
- The ICANN community and the general public

Wrap-Up

- There are no additional calls scheduled on the technical track.
- We will accept any final comments on T2, T3 until 23:59 UTC 29 Feb 2012.
  - Please don't resubmit prior comments; only send new recommendations
- Thank you.