



12 August 2010

*Summer Conference Season Wrap-up*

# Agenda

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- SLA Annual Conference
- LIST Midyear Meeting
- NTKN Annual Meeting
- AASHTO TKN TF at National RAC Meeting
- Scientific Data Management Workshop
- ALA Annual Conference
- Other Summer conferences???

# Transportation Knowledge Networks (TKN) Task Force

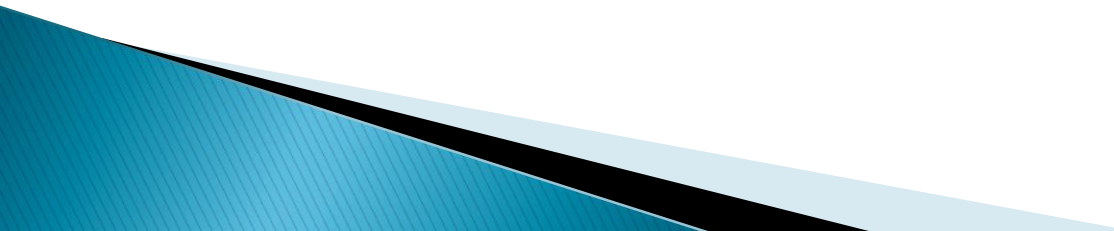


Annual Meeting 2010  
AASHTO RAC/TRB State Reps

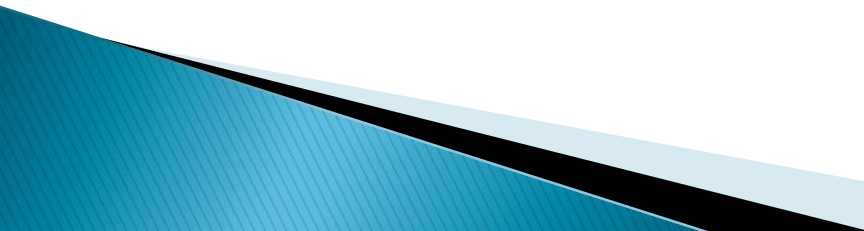
# Meetings

- ▶ Met July 26, 2010 at the National Research Advisory Committee meeting in Kansas City, MO
- ▶ Monthly conference calls
  - 1<sup>st</sup> Thursday, 8:00 to 10:00 Pacific time

# Mission

- ▶ The TKN Task Force serves as a forum to develop the concept, understanding, and application of transportation knowledge networks for the transportation sector. The TKN Task Force advocates and supports the rapid and efficient exchange of information resources through development of strategies and the innovative use of technology.
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# Members – RAC

- ▶ RAC 1 Gary Frederick, NYSDOT  
Lynn Matis, Mass DOT
  - ▶ RAC 2 Ken Winter, VA DOT  
Sandy Brady, LA DOTD
  - ▶ RAC 3 John Cherney, WisDOT  
Marie Manthe, KDOT
  - ▶ RAC 4 Leni Oman, WSDOT – TF Chair  
Ron Curb, OKDOT
- 

# Members – Other

- ▶ RITA Amanda J. Wilson
- ▶ FHWA Dawn Vanlandingham
- ▶ TRB Barbara Post
- ▶ CUTC Arlene Mathison, CTS
- ▶ SLA TD Rita Evans, ITS Berkeley
- ▶ ETKN Ken Winter
- ▶ MTKN Marie Manthe
- ▶ WTKN Laura Wilt
- ▶ LIST Sandra Tucker

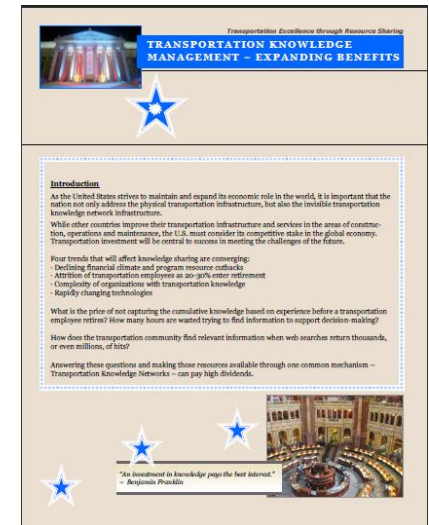
## Friends

Members of all Regional TKNs

Others from Federal agencies, National organizations,  
and AASHTO RAC

# 2009 Accomplishments

- ▶ TKN TF [Website](#) is populated
- ▶ Better common understanding of TKNs
- ▶ *Transportation Knowledge Management: Expanding Benefits* publication
  - January 2010
- ▶ Two NCHRP problem statements
  - Became [NCHRP 20-90](#) *Improving Access to Transportation Information*
- ▶ Participated in 2<sup>nd</sup> NTKN meeting
  - June 2010

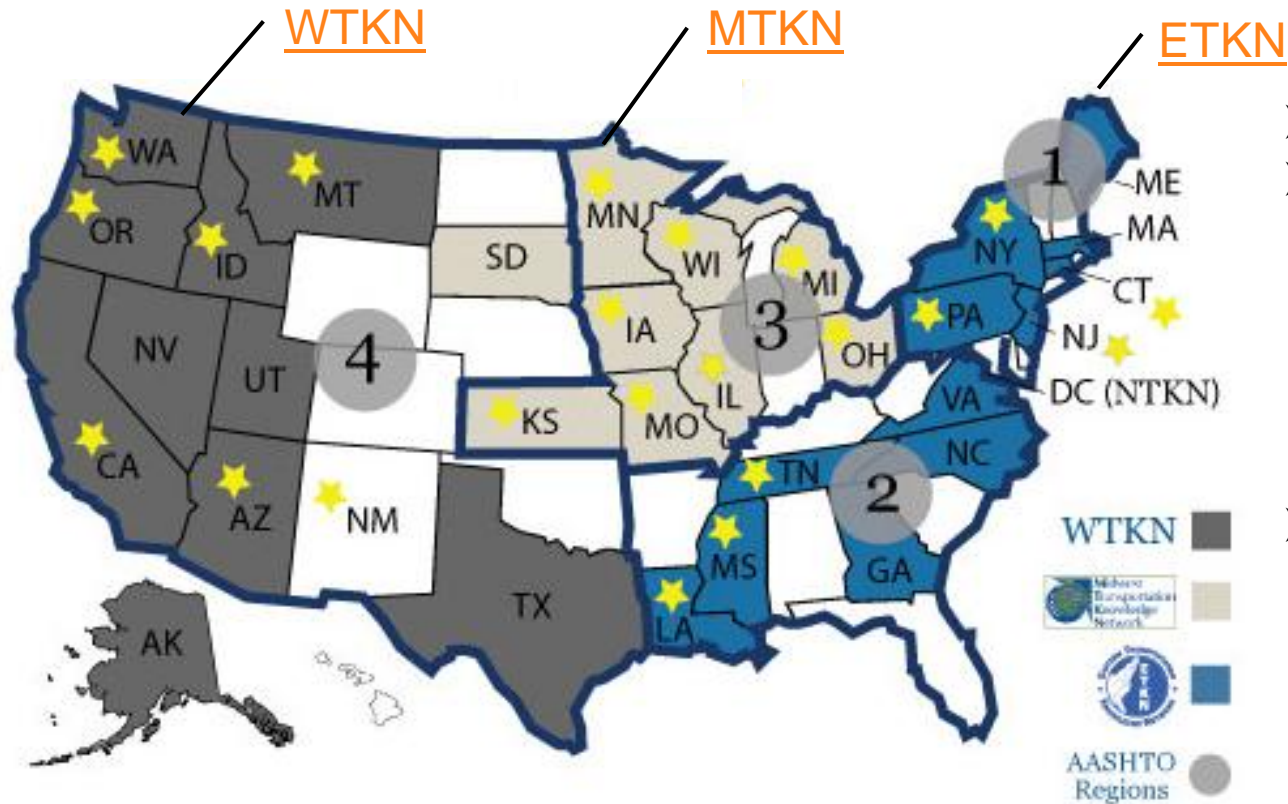




# 2010 Goals & Activities

- ▶ Continue to advocate for TKNs
- ▶ Collaborate on NTKN Strategic Plan
  - Role clarification
- ▶ Reach out to the user community
  - Engage RAC, Data Section, and others (LTAP?)
- ▶ Seek additional resources for pilot activities
- ▶ NCHRP Monitoring
  - 20-90 *Improving Access to Transportation Information*
  - 20-89 *Intellectual Property Stewardship Guide for Transportation Departments*

# Transportation Knowledge Networks – 2010



- 3 Regional TKNs
- 57 total member agencies : State DOTs, MPOs, Transit Agencies, Private Firms, Universities
- Pooled Fund Study focusing on library connectivity and providing some support for TKN activities

Map courtesy of the [Transportation Library Connectivity Pooled Fund Study](#) - TPF-5(105)

# For More Info

- ▶ Leni Oman
  - ▶ [OmanL@wsdot.wa.gov](mailto:OmanL@wsdot.wa.gov)
  - ▶ 360.705.7974

# **Transportation Research Collaboration Portal**

# U.S. DOT Priority Areas and Research Clusters

## DOT Priority Areas

- Safety
- Livability
- Environmental Sustainability
- Economic Growth
- State of Good Repair

## Current Research Clusters

- Infrastructure & Materials
- Human Factors
- Energy Sustainability
- Risk-Based Analysis to Address Safety Issues
- Data Driven Decision Making
- Multimodal Intelligent Transportation Systems
- Livability
- Modeling and Simulation
- Positioning, Navigation & Timing
- Transportation Implications For an Aging Population and Those with Special Needs
- System Resilience & Global Logistics
- Policy Analysis
- Travel Behavior
- Economics



# DOT Research Clusters

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*RITA moving to provide online coordination and collaboration tools – with valued input from RAC/Research Coordination and Collaboration Task Force*

## ▪ DOT Research Clusters

- DOT RD&T Planning Team identified clusters of needed research that apply across all modal administrations as well as researchers working in these areas.
- RITA is developing an external SharePoint site to facilitate collaboration across the transportation research enterprise – currently in beta testing with DOT researchers.
- Schedule being driven by Federal IT requirements, especially security
  - DOT -funded researchers (UTCs) – access early fall
  - External researchers (state DOTs) – access late fall/early winter
- Anticipate webinars and other forums to facilitate enterprise collaboration in these research areas.

**We're excited about how this is going to help us all do our jobs better**



- Data-Driven Decisionmaking
- Economics
- Energy Sustainability
- Human Factors
- Infrastructure & Materials
- Livability
- Modeling & Simulation
- Multimodal Intelligent Transportation Systems
- Policy Analysis
- Position, Navigation & Timing
- Risk-Based Analysis to Address Safety Issues
- System Resilience & Global Logistics
- Transportation Implications for an Aging Population and Those with Special Needs
- Travel Behavior
- How to Use This Site
- Shared Documents
- Discussion Board
- Calendar
- Pictures

Transportation Research > Site Admin Area > Test Area > Landing

## DOT Research Clusters

These research clusters promote information sharing and collaboration among the hundreds of DOT-funded researchers and their colleagues across the nation.

If you like to participate in any of these issue areas by posting your research and commenting on the works of others, please contact [research.clusters@dot.gov](mailto:research.clusters@dot.gov) with your name, organization, phone number and e-mail address and the clusters in which you would like membership. You then will be sent a log-in and password.

### Content Editor Web Part



## People Sharing Research

### Status of Sites

Clusters sites currently are in beta testing with DOT researchers. The sites are expected to go live in October with DOT-funded researchers joining the dialogue. All stakeholders will be able to join by late fall.

### Discussion Board: Post your Questions and Answers

### Shared Documents

## Activities, Publications, and Products

### Whats New!

### Calendar of Events

There are currently no upcoming events. To add a new event, click "Add new event" below.

Add new event

### RSS Viewer

### TRB Transportation Research Information Services (TRIS)

Prior sleep, Prior Wake, and Crew Performance During Normal Flight Operations

Required hours of practice for learner drivers: A comparison between two Australian jurisdictions

Comparing Visual Performance and Useful Field of View of Older and Younger Drivers

A Case-Crossover Study of Sleep and Work Hours and the Risk of Road Traffic Accidents

Examining the Relationship Between Cognition and Driving Performance in Multiple Sclerosis

### Search the National Transportation Library Database

- NTL Integrated Search
- HQ Catalog
- Transportation FAQs

Search

- Visit Other Clusters
- How to Use This Site
- Shared Documents
- Discussion Board
- Calendar
- PNT Wiki
- RITA PNT Website
- Useful PNT Links

Transportation Research > Site Admin Area > Test Area

Site Actions ▾

### What is PNT?

PNT is short for Positioning, Navigation, and Timing and refers to all technologies in space (e.g., GPS, GLONASS), terrestrial (e.g., VOR, DME) and autonomous (e.g., inertial navigation systems, clocks) that allow users to accurately determine their location as well as guide users from one location to another, based on a defined time standard.



### People Sharing Research

### Activities, Publications, and Products

#### Challenges & Capability Gaps ▾

- Gap: Physically Impeded Environments
- Gap: Electromagnetically Impeded Environments
- Gap: High Accuracy with Integrity

See More PNT Capability Gaps...

#### National PNT Architecture ▾

A [National PNT Architecture](#) and the resulting [Implementation Plan](#) were created to provide more effective and efficient PNT capabilities focused on the [2025 timeframe](#) with an evolutionary path for government-provided systems and services.

#### PNT Discussion Board: Post your Questions and Answers ▾

#### PNT Shared Documents ▾

#### Search the National Transportation Library Database ▾

- NTL Integrated Search
- HQ Catalog
- Transportation FAQs

Search

#### Whats New! ▾

#### Calendar of Events ▾

- 7/25/2010 12:00 AM 2010 IEEE International Geosciences and Remote [NEW](#)  
[www.igarss2010.org](http://www.igarss2010.org)
- 7/26/2010 12:00 AM Map Asia 2010 [NEW](#)
- 7/29/2010 12:00 AM MAPPS Summer Conference [NEW](#)  
[www.mapps.org](http://www.mapps.org)

[Add new event](#)

#### RSS Viewer ▾

#### Publications and Products ▾

- RITA PNT Website
- Space-Based PNT Coordination Office Website



- [Home](#)
- [About This Site](#)
- [What is Livability?](#)
- [Research](#)
- [Publications](#)
- [Events](#)
- [Library](#)
- [Help](#)

Transportation Research > Site Admin Area > Test Area > Livability

## What is Livability?

"Transportation for livable communities" means a transportation system that works with land use to give everyone multiple travel choices for meeting their daily needs affordably, safely, conveniently, and efficiently. -- Deputy Assistant Secretary for Transportation Policy, Beth Osborne



### People Sharing Research

#### Announcements

**October Livability Conference** 7/26/2010 9:54 AM  
Information !NEW  
by MJ Fiocco  
RITA and TRB will host this conference on October 18 and 19 at the Keck Center in Washington DC. The link for registration and other information is <http://guest.cvent.com/EVENTS/Info/Summary.aspx?e=eb5457c9-46c0-4143-96fd-a17bd771aa9f>.

**Development Schedule** !NEW 7/26/2010 9:40 AM  
by MJ Fiocco  
All research cluster sites now are open to DOT researchers. DOT-funded researchers should have access in early fall, with other researchers being able to reach the sites by late fall or early winter.

#### Shared Research

#### Shared Documents

Type	Name	Modified By
	Livability Presentation (3) <span style="color: green;">!NEW</span>	MJ Fiocco

#### Discussion Board: Post your Questions and Answers

Subject  
What research are you doing? !NEW

### Activities, Publications, and Products

#### Calendar of Events

7/26/2010 10:00 AM Next DOT Livability Cluster Meeting !NEW  
10/18/2010 12:00 AM Transportation for Livable Communities Conference !NEW

#### See the latest TRB Research

#### TRB Transportation Research Information Services (TRIS)

- Transport policy implementation and outcomes : the case of Yaounde in the 1990s
- Reliability-based dynamic network design with stochastic networks
- Transport Survey Methods: Keeping Up with a Changing World
- Data for Public Transit Planning, Marketing and Model Development: Synthesis of a Workshop
- Mobile Technologies: Synthesis of a Workshop

#### Search the National Transportation Library Database

- NTL Integrated Search
- HQ Catalog
- Transportation FAQs















Click Here to See Other  
Research Clusters

Transportation Research > DOT Research Clusters > Livability

## Links

Use the Links list for links to Web pages that your team members will find interesting or useful.

New				Actions		Settings		View: All Links	
Type	Edit	URL	Notes						
		Research and Innovative Technology Administration							
		US Department of Transportation							
		FHWA Turner Fairbank Highway Research Center							
		BicyclingInfo.org							
		Pedestrian and Bicycle Information Center							
		WalkingInfo.org							



[Click Here to See Other Research Clusters](#)

[Recent Changes](#)

[How To Use This Wiki Library Home](#)

[View All Pages](#)

[Transportation Research](#) > [DOT Research Clusters](#) > [Livability](#)

## Home

[Edit](#) | [History](#) | [Incoming Links](#)

### Welcome to the Infrastructure and Materials wiki library!

You can get started and add content to this page by clicking **Edit** at the top of this page, or you can learn more about wiki libraries by clicking [How To Use This Wiki Library](#).

### What is a wiki library?

*Wikiwiki* means quick in Hawaiian. A wiki library is a document library in which users can easily edit any page. The library grows organically by linking existing pages together or by creating links to new pages. If a user finds a link to an uncreated page, he or she can follow the link and create the page.

In business environments, a wiki library provides a low-maintenance way to record knowledge. Information that is usually traded in e-mail messages, gleaned from hallway conversations, or written on paper can instead be recorded in a wiki library, in context with similar knowledge.

Other example uses of wiki libraries include brainstorming ideas, collaborating on designs, creating an instruction guide, gathering data from the field, tracking call center knowledge, and building an encyclopedia of knowledge.

Last modified at 5/6/2010 3:18 PM by JoAnna Smith



- Visit Other Clusters
- How to Use This Site
- Shared Documents
- Discussion Board
- Calendar
- Livability Wiki
- Useful Links

## Team Discussion

Site Actions

Use the Team Discussion list to hold newsgroup-style discussions on topics relevant to your team.

New	Actions	Settings	View: Subject
Subject	Created By	Replies	Last Updated
What research are you doing? <span style="color: green;">NEW</span>	MJ Fiocco	0	7/26/2010 9:13 AM

# DOT Research Program and Project Management Site

*RITA collaborating with the community to provide a central site for online coordination and collaboration tools for research project and program managers*

- **DOT Research Program and Project Management (RPPM)**
  - Development of the AASHTO RAC Research Coordination and Collaboration Task Force's [www.transportationresearch.org](http://www.transportationresearch.org) site coincided with RITA's external Sharepoint development
  - RAC RCC site migrated to [www.transportationresearch.gov](http://www.transportationresearch.gov) in May 2010
    - Content now being enhanced by a RAC RCC subcommittee
    - 5 major site areas, including team collaboration
  - Anticipated improvements before going live:
    - Adding links to/from Research Clusters sites
    - Matching Research Clusters page design
    - Hosting international team research project

**The RPPM site is a great complement to the Research Clusters' topical focus**



Research Program and Project Management Home

Setting the Research Agenda

Collaborating in Research Activities

Carrying Out Research

Delivering Results/Communicating Value

Team Collaboration

Netherlands-California

Transportation Research > Research Program and Project Management

### Welcome

This Web site allows the transportation research community (researchers and research managers) to share information and to connect and collaborate on shared issues. Over time, we envision this as a repository of documents and work products that will become a collective set of best practices for planning, conducting, managing, and implementing transportation research projects.

The richness of this site comes from document and work product contributions by the research community. You are welcome to add a link, start a discussion or post an announcement that is relevant to the topics below. If you have documents or work products related to any of the tabs, you will need an account and specific posting instructions. Please **contact us to get an account**.

### Site Overview

This site is organized around four main concepts:

- [Setting the Research Agenda](#) - Share information about your research needs, priorities, selection processes and timelines, and learn about those of other organizations.
- [Collaborating in Research Activities](#) - Share and learn about tools for collaborative partnership, and ways to connect with others who share your research goals.
- [Carrying Out Research](#) - Share resources you use to manage your projects and programs to maximize your research investment.
- [Delivering Results/Communicating Value](#) - Share ways you ensure research lives beyond the project, and makes a difference in transportation practice.

Choose a tab from above to learn more and access the documents and work products.

### Additional Collaboration

In addition to this site the committee has created groups within Ning and LinkedIn. Please follow the links to learn more, join to groups to become part of the broader transportation research community.

- [Ning](#)
- [LinkedIn](#)

### Contact Us

If you or your organization would like to become involved and help set the direction of this effort, please contact [Linda Preisen](#), AASHTO Research Advisory Committee (RAC)/TRB

### Announcements

Title	Modified
<a href="#">TRB Committee on Conduct of Research September meeting Summary Posted</a>	6/3/2010 2:44 PM

[Add new announcement](#)

### Links

- [About this Effort](#)
- [American Association of State Highway and Transportation Officials \(AASHTO\)](#)
- [AASHTO - Standing Committee on Research \(SCOR\) / Research Advisory Committee \(RAC\)](#)
- [Research and Innovative Technology Administration \(RITA\)](#)
- [Transportation Research Board \(TRB\)](#)
- [TRB Conduct of Research Committee](#)
- [Council of University Transportation Centers \(CUTC\)](#)

[Add new link](#)

- Research Program and Project Management Home
- Setting the Research Agenda
- Collaborating in Research Activities
- Carrying Out Research
- Delivering Results/Communicating Value
- Team Collaboration
- Netherlands-California

Transportation Research > Research Program and Project Management > Setting the Research Agenda

### Setting the Research Agenda

*Setting the Research Agenda* helps researchers and research managers share their research priorities, learn about the research selection cycles of other research organizations, identify processes used to set priorities and select research, and understand the needs identified by different organizations.

Relevant documents and work products you will find here include:

- [Research Cycles and Timelines](#) - Who needs what by when.
- [Strategic Research Documents](#) - What research needs organizations have identified as a priority.
- [Research Planning Best Practices](#) - How research organizations set their research priorities.

### Shared Documents

Type	Name
	Strategic Research Documents
	Research Planning Best Practices
	Research Cycles and Timelines
	Crash Reduction Factor Update PI
	Caltrans_SRP_Draft
	Caltrans Strategic Research Questions 2008
	Cooperative Research Program 2010 Calendars
	SettingtheResearchAgenda
	NCHRP_Synthesis_280
	National UTCs 2008

[Add new document](#)

### Links

There are currently no favorite links to display. To add a new link, click "Add new link" below.

[Add new link](#)

### Recent Discussion Topics

Subject

There are no items to show in this view of the "Recent Discussion Topics" discussion board. To create a new item, click "Add new discussion" below.

[Add new discussion](#)

### What's New

Title	Expires
Cooperative Research Program 2010 Calendars	12/2/2009
Preliminary Investigation: Crash Reduction Factor Update	3/20/2009
Seven Keys to Building a Robust Research	
Conduct of Research Committee Midyear Meeting June 16-17, 2009 Washington DC	
National Academies Releases On Being a Scientist	

[Add new announcement](#)



Transportation Research > DOT Research Clusters > Positioning, Navigation & Timing

## Shared Documents

Share a document with the team by adding it to this document library.

New | Upload | Actions | Settings
View: **Default Limit 100**

- Click Here to See Other Research Clusters
- PNT Research Cluster
- Calendar
- Discussion Board
- External Links
- All Site Documents
- Shared Documents
- Site Administration Documents
- Contribute to the PNT Wiki
- History of the Site
- Expectations of Users
- DOT Privacy and PII Policies
- How to Use and Edit This Site
- Questions - Contact Us
- RITA PNT Website
- Draft Prototype Main Page
- Collaboration Subsite 01
- Collaboration Subsite 02

Type	Name	Modified	Modified By
Folder	Site Graphics	5/19/2010 11:04 AM	Elliott Baskerville
Folder	Editing	7/1/2010 12:23 PM	Elliott Baskerville
Document	PNT Challenges	6/29/2010 12:23 PM	Elliott Baskerville
Document	Multiple Phenom Implementation Tasks	6/29/2010 4:52 PM	Elliott Baskerville
Document	Capability Gaps	6/29/2010 5:31 PM	Elliott Baskerville
Document	Physically Impeded Environments	6/29/2010 6:23 PM	Elliott Baskerville
Document	Electromagnetically Impeded Environments	7/1/2010 10:51 AM	Elliott Baskerville
Document	Geospatial Information	7/1/2010 11:32 AM	Elliott Baskerville
Document	High Accuracy With Integrity	7/1/2010 11:56 AM	Elliott Baskerville
Document	Timely Notification	7/1/2010 11:59 AM	Elliott Baskerville
Document	High Altitude	7/1/2010 12:03 PM	Elliott Baskerville
Document	Modeling Capabilities	7/1/2010 12:11 PM	Elliott Baskerville
Document	Interchangeable Solutions Implementation Tasks	7/1/2010 2:01 PM	Elliott Baskerville
Document	Synergy of PNT Implementation Tasks	7/1/2010 2:08 PM	Elliott Baskerville
Document	Cooperative Structures Implementation Tasks	7/1/2010 2:09 PM	Elliott Baskerville
Document	Mult Phenom Road Map	7/2/2010 12:44 PM	Elliott Baskerville
Document	Cooperative Organizational Structures	7/6/2010 1:30 PM	Elliott Baskerville
Document	Interchangeable Solutions	7/6/2010 1:30 PM	Elliott Baskerville
Document	Multiple Phenomonologies for PNT	7/6/2010 1:30 PM	Elliott Baskerville
Document	Synergy PNT and Communications	7/6/2010 1:30 PM	Elliott Baskerville
Document	Inter_Solutions_Roadmap	7/6/2010 1:38 PM	Elliott Baskerville
Document	Synergy_Comm_roadmap	7/6/2010 1:42 PM	Elliott Baskerville
Document	Coop_Structure_Roadmap	7/6/2010 1:44 PM	Elliott Baskerville
Document	Questions Contact Us	7/9/2010 3:34 PM	Elliott Baskerville
Document	PNT Main Page Prototype	7/14/2010 10:06 AM	Elliott Baskerville
Document	PNT Main Page Prototype 02	7/14/2010 10:10 AM	Elliott Baskerville

Site Actions



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