

NEW MEXICO DEPARTMENT OF TRANSPORTATION

RESEARCH BUREAU

Innovation in Transportation

Positive Train Control Survey

Prepared by:
New Mexico Department of Transportation
Research Bureau
7500B Pan American Freeway NE
Albuquerque, NM 87109

In Cooperation with:
The US Department of Transportation
Federal Highway Administration

Report PTC Survey

NOVEMBER 2012

Positive Train Control Survey

Introduction

In fall of 2011 William Craven and Frank Sharpless submitted a research request for a survey of commuter rail systems to determine how these systems were responding to the Federal Rail Administration mandate for installation of Positive Train Control (PTC) by December 31, 2015. The research request was approved by the C-RAC and FHWA in June 2012 and included in the Research Bureau's FY2013 Work Plan.

Amy Estelle was the Project Manager for Research. She took a list of systems provided by the Rail Bureau and made email and telephone inquiries to determine who at each system could best answer questions regarding PTC. She developed a survey with input from the Rail Bureau. The Research Bureau purchased a subscription to SurveyMonkey software to conduct the survey online.

On October 15, 2012 the survey was sent out to contacts at 15 commuter rail systems. On October 17, 2012 the survey was sent out to an additional recipient. Six out of 16 systems responded for a 37.5% response rate.

Attached are the email list, a record of contacts made with commuter rail systems, a summary and individual survey results.

Email List for PTC Initial survey out to these addresses (10/15/12):

lbedoya@nctd.org
tprovost@rideuta.com
brian@acerail.com
Stephen.szegedy@ct.gov
Lora.Baulsir@nashville.gov
martin.young@soundtransit.org
RSuarez1@dart.org
john.parsons@nctd.com
barkmanb@sfrta.fl.gov
JHovatter1@mta.maryland.gov
CaltrainPTC@samtrans.com
Joe.Zerzan@railpros.com
mmonstero@septa.org
sxjones@mbta.com
PStangas@njtransit.com
RAndreski@njtransit.com New Jersey TRANSIT's Rail Chief of Staff (survey sent on 10/17/12)

RECORD OF CONTACTS WITH COMMUTER RAIL SYSTEMS

Green highlighted text indicates that the Research Bureau is reasonably sure that this is the best person at the respective commuter rail system to answer technical questions.

	System	Survey Goes to 07_10_12	Location	Email	Phone
	Coaster North County Transit District	Luis Bedoya lbedoya@nctd.org Project Manager PTC 810 Mission Avenue/ Oceanside, CA 92054 O: 760.967.2805 C: 817.401.3159 7_10_12 confirmed	San Diego, CA	Deborah Castillo 760-967-2817 dcastillo@nctd.org emailed 6/11/12 Contacted Philip Chiu, Document Control Coordinator, or emailing pchiu@nctd.org . (7_10_12)	
c	FrontRunner Utah Transit Authority	Todd Provost tprovost@rideuta.com	Salt Lake City, UT	tprovost@rideuta.com confirmed he will participate	801-230-6420
c	Altamont Commuter Express (ACE) San Joaquin Regional rail Commission	Contacted on main webpage email 6-5-12 Brian Schmidt Director of Operations, Planning & Programming San Joaquin Regional Rail Commission Brian Schmidt brian@acerail.com	Stockton, CA	San Joaquin Regional Rail Commission Altamont Commuter Express (ACE) Headquarters 949 East Channel Street Stockton, CA 95202 1-800-411-RAIL (7245) (209) 944-6220 emailed to capital projects 6/11/12 brian@acerail.com	Phone: 209 944- 6241 Cell: 209 649-6403
	Shore Line East Connecticut Dept of Transportation	Eugene Colonese Eugene.colonese@ct.gov he recommends Steve Szegedy Bureau of Public Transportation Department of Transportation State of Connecticut 2800 Berlin Turnpike Newington, Connecticut 06111 Stephen.szegedy@ct.gov mailto:Stephen.szegedy	New Haven, CT New London, CT	6/11/ left message at this no. 7_10_12 reached pub trans and got info for E. Colonese email sent 7-10-12	

		dy@ct.gov> 860-594-2897 7/18/12			
	Music City Star, Regional Transportation Authority (RTA)	James McAteer (pnlg) or Dawn Distler (ops) Charles Mitchell, Director of Operations charles.mitchell@nashville.gov responded on 7/10/12 Mrs. Lora Baulsir, General Manager RTA, at Lora.Baulsir@nashville.gov	Nashville, TN	james.mcateer@nashville.gov emailed dawn.distler@nashville.gov on 6/13/12 contacted Charles Mitchell 7- 10-12	(615) 880-3289
c	Souder Commuter Rail Sound Transit	Contacted andrea avni, librarian, for best contact, 6-5-12 Ann Marie Mitchell Commuter Rail Coordinator annmarie.mitchell@soundtransit.org 206.398.5310 Martin Young martin.young@soundtransit.org Commuter Rail Operations Manager	Seattle, Tacoma, and Everett, WA	martin.young@soundtransit.org	206.398.5115
c	Trinity Railway Express (TRE) Dallas Area Rapid Transit (DART) and the Fort Worth Transportation Authority (the T)	Raymond Suarez TRE Chief Administrative Officer RSuarez1@dart.org	Dallas & Fort Worth, TX	RSuarez1@dart.org	
	Virginia Railway Express (VRE)	Contacted general email and requested message be forwarded to SM. 6-5-12 Email sent 7-10-12 7/18/12 email sent to Steven.Titunik@VDOT.Virginia.gov at public information office 8/16 emailed VDOT Librarian 8/24 emailed gotrains and asked for contact info	Washington DC	Director of Engineering and Construction - Sirel Mouchantaf, P.E 7-10-12 contacted Director of Rail Operations - Chris Henry via gotrains email address.	

		for Sirel Mouchantaf, P.E.			
	South Shore Line, Northern Indiana Commuter Transportation District (NICTD)	Email sent 7/10/12 to Larry Buckel Public Transit Program Manager Indiana Department of Transportation 100 N. Senate Ave., Room N-955 Indianapolis, IN 46204 317-232-5292 lbuckel@indot.in.gov he recommends John Parsons at NICTD (219) 926-5744 ext 204 john.parsons@nictd.com	Chicago, IL Northern Indiana. Chesterton, ID	Gerald.Hanas, general manager @nictd.com	
	TRI-Rail South Florida Regional Transportation Authority	Brad Barkman barkmanb@sfrta.fl.gov 954-942-7245 Emailed 7-10-12 confirmed	Miami, FL	SFRTA / Tri-Rail Joe Giuliatti 800 NW 33rd St.100 Pompano Beach, FL 33064 954-788-7936 Ph 954-788-7878 Fx giuliettij@sfrta.fl.gov www.tri-rail.com	
c	MARC--	John Hovatter JHovatter1@mta.maryland.gov	Harford County, Maryland; Baltimore City; Washington D.C.; Brunswick, Maryland; Frederick, Maryland and Martinsburg, West Virginia	Department of Transportation, Maryland Transit Administration <JHovatter1@mta.maryland.gov>	Dan Reagle, Environmental Planner Maryland Transit Administration 6 St. Paul Street Baltimore, MD 21202 dreagle1@mta.maryland.gov 410-767-3771—sent 6/6/12 John Hovatter <JHovatter1@mta.maryland.gov>
	Caltrain	7-10-12 contacted general through 'caltrainptc@samtrans.com'	San Francisco, San Jose, CA	Media Contact: Seamus Murphy, 650.508.6388	

		<p>7/18/12 emailed Bill.Bronte@dot.ca.gov in rail section of CalTrans for contact w/ Caltrain Jay Walser- Chief Rail Systems Officer, North County Transit District 760-966-6559 phone on 7/10/12</p> <p>10/1/12 CaltrainPTC CaltrainPTC@samtrans.com Jack Buckingham sent me email to confirm he will answer questions.</p>		<p>The Peninsula Corridor Joint Powers Board owns and manages Caltrain. The JPB is a partnership among the San Mateo County Transit District, the Santa Clara Valley Transportation Authority and the City and County of San Francisco through the San Francisco Municipal Transportation Agency. SamTrans is the managing partner. Sent email to caltrainptc.com</p>	
c	Metrolink	<p>Joe Zerzan joe.zerzan@railpros.com Southern California Regional Rail Authority (SCRRA) Joe Zerzan at Railpros</p>	Los Angeles	<p>Bruce Hartwell, Chief Information Officer Darrell Maxey, Director PTC, C7S Systems Contractor: Parsons</p> <p>Michelle Chovan Office Engineer/Document Control Metrolink PTC 10801 6th Street, Suite 115 Rancho Cucamonga, CA 91730 909.579.3881 - Office 626.993.8345 – Cell michelle.chovan@railpros.com www.railpros.com She emailed 6/11/12 to contact Joe.Zerzan@railpros.com</p>	<p>Administrative Office Physical Address: Metrolink One Gateway Plaza, 12th Floor Los Angeles, CA 90012</p> <p>Phone: (213) 452-0200 Fax: (213) 452-0429</p> <p>Contacted RailPros by email asking for rep. of SCRRA. 6-7-12</p>
	Regional Rail, Silverliner (SEPTA)	Sent email to jdockendor at penn dot public transportation urban transportation chief	Philadelphia, PA	SEPTA Assistant General Manager and Chief Engineer Jeffrey Knueppel	Contractor: \$100 million,

Southeastern Pa. Public Transit Authority	<p>Also sent inquiry through online SEPTA inquiry page. Mr. Luther Diggs is Assistant General Manager for Operations</p> <p>7/16 received email that request was forwarded from online contact us in customer serv.</p> <p>8/16 contacted Penn DOT executive staff info email from website. Sent email to Mr. Robert Sharp</p> <p>Bureau of Public Transportation P. O. Box 3151 Harrisburg, PA 17105-3151 rosharp@pa.gov</p> <p>7/17-783-9461 asking for SEPTA contact: verified</p> <p>8/17/12 Mike Monastero by phone mmonastero@septa.org</p>			<p>SEPTA Customer Service at (215) 580-7800.</p> <p>Contacted ccassidy@pa.gov 6/13/12</p> <p>Richard Maloney Director of Public Affairs (215) 580-7403 Telephone Email Richard Maloney sent 6/7/12</p>	<p>Ansaldo STS USA</p> <p>\$1.7 million</p> <p>contract for related right-of-way work to Douglassville, Pa.-based Independence Constructors Corp.</p> <p>SEPTA's capital budget already is financially stressed, having borrowed</p>
MBTA Massachusetts Bay Transportation Authority	<p>7/20 sent email through contact link on MassDOT home page. Looking for Richard A. Davey.</p> <p>8/16 contacted info email for MBTA Advisory Board.</p> <p>8/24 contacted Robert.Johnson@mbcr.net who is listed as Chief of Engineering Operations for the Massachusetts Bay Railroad Company, operator of the MBTA commuter rail system. He responded that I needed to speak with Steve Mudge from the MBTA at Smudge@mbcr.com</p> <p>Sent email to Mudge on 8/24 returned undeliverable. Found out on 9/5 that Mudge retired recently. Left voice mail for Ann Cass his assistant at 617.222.4328</p>	Boston, MA		<p>Director of System Safety</p> <p>MBTA General Manager Richard Davey</p>	<p>Massachusetts Bay Commuter Railroad Company, LLC, to support the MBTA with preliminary engineering effort for the implementation of the system-wide Positive Train Control system required by the Rail Safety Improvement Act, for an amount not to exceed \$1,570,837.75.</p>

		<p>Steven Jones (interim manager) 617.222.6400 sxjones@mbta.com email sent 9/5/12 from Bill Craven--try Stephen Jones, Deputy Director of RailRoad Operations sjones@mbta.com 617-222-6400 10/4 sent email to sjones</p>			RM engineering— Green Line PTC study
	METRA Northeast Illinois Regional Commuter Railroad, better known as Metra	<p>Capital Projects (312) 542-8378 8/24 left message on this #</p>	Chicago, IL	<p>Capital Project s (312) 542-8378 Capital project status updates (Station & parking projects).</p>	George Hardwidge, Dep Dir Operations?
	Metro-North New York Metropolitan Transit Authority (MTA) Long Island Railroad/Metro North Railroad, New York	(212) 532-4900 information	NYC, NY	Request sent 6/8/12 to NYDOT Rail Section for names at Metro North and Long Island Railroads	SYSTRA is a pioneer in the application of Systems Engineering practices to the transit industry.
c	RiverLINE, New Jersey Transit	<p>Paul Stangas PStangas@njtransit.com Received email 10/16 from J Peppers to send survey to RAndreski@njtransit.com New Jersey TRANSIT's Rail Chief of Staff</p>	Trenton, NJ	<p>research.bureau@dot.state.nj.us emailed 6/8/12 rec 6/11/12 PStangas@njtransit.com</p>	<p>Please direct this request to Richard Andreski, Chief of Staff, NJ TRANSIT Rail. RAndreski@njtransit.com; GCannon@njtransit.com Rec from G Cannon: direct to</p>
	Long Island Railroad, Metropolitan Transit		NYC, NY	See METRO North above	SYSTRA is a pioneer in the application of

	Authority (MTA)				Systems Engineering practices to the transit industry.
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Federal Rail Administration PTC contacts:

Mr. Thomas McFarlin, FRA Staff Director, Signal and Train Control Division (202) 493-6203

Mr. Robert Scieszinski, PTC Branch Chief (360) 883-5811.

DrEstelle Sign Out Help

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Positive Train Control and Selected Commuter Rail Systems

Industry Specific

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Response Summary for "All Responses"

Total Started Survey: 6

Total Finished Survey: 6 (100%)

PAGE: IMPLEMENTATION OF POSITIVE TRAIN CONTROL FOR SELECTED COMMUTER RAIL SYSTEMS

1. Please complete the following contact information.

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	Response Percent	Response Count
Your Name: Show Responses	100.0%	6
Rail System: Show Responses	100.0%	6
Address: Show Responses	100.0%	6
Address 2: Show Responses	16.7%	1
City/Town: Show Responses	100.0%	6
State: Show Responses	100.0%	6
ZIP: Show Responses	100.0%	6
Email Address: Show Responses	100.0%	6
Phone Number: Show Responses	100.0%	6
	answered question	6
	skipped question	0

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

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	Response Count
Show Responses	6
answered question	6
skipped question	0

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?			Create Chart	Download
	Response Percent	Response Count		
yes	83.3%	5		
no	16.7%	1		
not applicable	0.0%	0		
		answered question		6
		skipped question		0

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?			Download
		Response Count	
		Show Responses	4
		answered question	4
		skipped question	2

5. Which of the following best describes your commuter rail system?			Create Chart	Download
	Response Percent	Response Count		
standalone authority or agency	50.0%	3		
component of a regional transit agency or authority	16.7%	1		
part of a state department of transportation	33.3%	2		
Other (please specify)	0.0%	0		
		answered question		6
		skipped question		0

6. Check all of the following that describe your commuter rail system:			Create Chart	Download
	Response Percent	Response Count		
own part or all of the rail line on which we operate	83.3%	5		
dispatch the rail line on which we operate	50.0%	3		
		answered question		6
		skipped question		0

6. Check all of the following that describe your commuter rail system:

[Create Chart](#)[Download](#)

none of the above	16.7%	1
	Other (please specify) Show Responses	1
answered question		6
skipped question		0

7. Where will you have to install PTC? (Check all that apply)

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	Response Percent	Response Count
wayside	66.7%	4
locomotives	100.0%	6
dispatch or control center	66.7%	4
none of the above	0.0%	0
	Other (please specify) Show Responses	2
answered question		6
skipped question		0

8. Have you applied for or received an exception from PTC?

[Create Chart](#)[Download](#)

	Response Percent	Response Count
not applied	66.7%	4
applied, pending	16.7%	1
applied, received	16.7%	1
applied, rejected	0.0%	0
	Other (please specify) Show Responses	2
answered question		6
skipped question		0

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

[Download](#)

	Response Count
Show Responses	5
answered question	5
skipped question	1

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

[Download](#)

answered question	5
skipped question	1

10. How will you fund PTC (list all sources and amounts)?

[Download](#)

	Response Count
Show Responses	5
answered question	5
skipped question	1

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

[Create Chart](#)

[Download](#)

	Response Percent	Response Count
yes	60.0%	3
no	20.0%	1
not applicable	20.0%	1
answered question		5
skipped question		1

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

[Create Chart](#)

[Download](#)

	Response Percent	Response Count
yes	33.3%	2
no	0.0%	0
not applicable	66.7%	4
answered question		6
skipped question		0

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

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answered question	6
skipped question	0

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

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	Response Count
Show Responses	6
answered question	6
skipped question	0

14. List any PTC contractors you have used.

[Download](#)

	Response Count
Show Responses	5
answered question	5
skipped question	1

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

[Create Chart](#)
[Download](#)

	Response Percent	Response Count
very	60.0%	3
somewhat	20.0%	1
not at all	20.0%	1
not applicable	0.0%	0
answered question		5
skipped question		1

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

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	Response Count
Show Responses	6
answered question	6
skipped question	0

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Collect Responses

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Response Type:

Normal Response

Email:

joe.zerzan@railpros.com

Custom Value:

empty

Response Started:

Monday, October 15, 2012 12:03:53 PM

Collector:Official PTC Survey
(Email Invitation)**Name:**

empty

IP Address:

207.8.1.12

Response Modified:

Monday, October 15, 2012 12:13:27 PM

1. Please complete the following contact information.

Your Name: - Joe Zerzan

Rail System: - SCRRA (Metrolink Los Angeles)

Address: - 10801 Sixth St ste 115

City/Town: - Rancho Cucamonga

State: - CA

ZIP: - 91730

Email Address: - joe.zerzan@railpros.com

Phone Number: - 925-989-1959

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

162

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

yes

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

38

5. Which of the following best describes your commuter rail system?

standalone authority or agency

6. Check all of the following that describe your commuter rail system:

own part or all of the rail line on which we operate

dispatch the rail line on which we operate

7. Where will you have to install PTC? (Check all that apply)

wayside

locomotives

dispatch or control center

8. Have you applied for or received an exception from PTC?

not applied

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

\$210,000,000

10. How will you fund PTC (list all sources and amounts)?

Over 20 grants

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

yes

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

not applicable

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

Under construction. Target date September 2013

14. List any PTC contractors you have used.

Parsons, Mass Electric

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

very

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

emerging technology and proceeding with construction.

17. Please enter any other comments or lessons learned that you would like to share with us.

systems integration is the key

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Response Type:
Normal Response**Email:**
pstangas@njtransit.com**Custom Value:**
empty**Response Started:**
Monday, October 15, 2012 12:24:55 PM**Collector:**
Official PTC Survey
(Email Invitation)**Name:**
empty**IP Address:**
198.177.1.25**Response Modified:**
Monday, October 15, 2012 12:29:49 PM**1. Please complete the following contact information.**

Your Name: - Paul K. Stangas

Rail System: - NJ Transit

Address: - Capital Planning & Programs

Address 2: - 1 Penn Plaza

City/Town: - Newark

State: - NJ

ZIP: - 07105

Email Address: - cnlrpxs@njtransit.com

Phone Number: - 973.491.8530

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

300

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

yes

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

No Response

5. Which of the following best describes your commuter rail system?

standalone authority or agency

6. Check all of the following that describe your commuter rail system:

own part or all of the rail line on which we operate

dispatch the rail line on which we operate

7. Where will you have to install PTC? (Check all that apply)

wayside

locomotives

dispatch or control center

8. Have you applied for or received an exception from PTC?

not applied

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

\$225 M

10. How will you fund PTC (list all sources and amounts)?

State Funds

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

No Response

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

yes

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

Planning, design underway

14. List any PTC contractors you have used.

Parsons, Alstom, WABTEC

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

not at all

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

Technical development impediments, radio frequency spectrum acquisition, interoperability

17. Please enter any other comments or lessons learned that you would like to share with us.

No Response

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Response Type:
Normal Response**Collector:**
Official PTC Survey
(Email Invitation)**Email:**
jhovatter1@mta.maryland.gov**Name:**
empty**Custom Value:**
empty**IP Address:**
170.93.140.42**Response Started:**
Monday, October 15, 2012 1:30:27 PM**Response Modified:**
Monday, October 15, 2012 1:39:46 PM**1. Please complete the following contact information.**

Your Name: - john hovatter

Rail System: - marc

Address: - 1515 washington blvd

City/Town: - baltimore

State: - MD

ZIP: - 21230

Email Address: - jhovatter1@mta.maryland.gov

Phone Number: - 4104547265

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

94

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

yes

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

lots

5. Which of the following best describes your commuter rail system?

part of a state department of transportation

6. Check all of the following that describe your commuter rail system:

own part or all of the rail line on which we operate

We operate 202 miles and own 3.2 miles.

7. Where will you have to install PTC? (Check all that apply)

locomotives

Cab cars also. We will have to build our own back office server.

8. Have you applied for or received an exception from PTC?

applied, pending

We are going to apply for an exception to our 3.2 miles of track, which is low speed and no freight.

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

\$ 12 to 15 m.

10. How will you fund PTC (list all sources and amounts)?

State funding.

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

yes

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

not applicable

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

To hard to describe in this small space.

14. List any PTC contractors you have used.

Wabtec.

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

very

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

Our major obstacle, is whether Amtrak and CSX will be ready with wayside.

17. Please enter any other comments or lessons learned that you would like to share with us.

Good luck.

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Response Type:
Normal Response**Email:**
brian@acerail.com**Custom Value:**
empty**Response Started:**
Tuesday, October 16, 2012 12:43:10 PM**Collector:**
Official PTC Survey
(Email Invitation)**Name:**
empty**IP Address:**
206.211.211.235**Response Modified:**
Tuesday, October 16, 2012 12:49:05 PM**1. Please complete the following contact information.**

Your Name: - Brian Schmidt

Rail System: - Altamont Commuter Express

Address: - 949 E. Channel Street

City/Town: - Stockton

State: - CA

ZIP: - 95202

Email Address: - brian@acerail.com

Phone Number: - 209 944-6241

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

8

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

no

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

No Response

5. Which of the following best describes your commuter rail system?

standalone authority or agency

6. Check all of the following that describe your commuter rail system:

none of the above

7. Where will you have to install PTC? (Check all that apply)

locomotives

Cab cars

8. Have you applied for or received an exception from PTC?

not applied

Union Pacific Railroad is the owner of the Railroad. ACE is a tenant.

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

Passenger equipment approx \$75k per unit

10. How will you fund PTC (list all sources and amounts)?

State of California safety and security funding and local sales tax funds.

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

no

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

not applicable

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

We are waiting for information from the UPRR on the system to be implemented. We are currently working with other rail operator that use Bombardier rail cars and MPI locomotives to determine locations for hte PTC equipment.

14. List any PTC contractors you have used.

No Response

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

No Response

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

interoperability

17. Please enter any other comments or lessons learned that you would like to share with us.

No Response

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Response Type:
Normal Response**Email:**
caltrainptc@samtrans.com**Custom Value:**
empty**Response Started:**
Tuesday, October 30, 2012 4:56:53 PM**Collector:**
Official PTC Survey
(Email Invitation)**Name:**
empty**IP Address:**
209.78.42.254**Response Modified:**
Tuesday, October 30, 2012 5:09:07 PM**1. Please complete the following contact information.**

Your Name: - Jack Buckingham

Rail System: - Caltrain

Address: - 799 7th Street

City/Town: - San Francisco

State: - CA

ZIP: - 94107

Email Address: - buckinghamj@samtrans.com

Phone Number: - (415) 836-5602

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

91

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

yes

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

approximately 20

5. Which of the following best describes your commuter rail system?

component of a regional transit agency or authority

6. Check all of the following that describe your commuter rail system:

own part or all of the rail line on which we operate

dispatch the rail line on which we operate

7. Where will you have to install PTC? (Check all that apply)

wayside

locomotives

dispatch or control center

8. Have you applied for or received an exception from PTC?

not applied

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

No Response

10. How will you fund PTC (list all sources and amounts)?

No Response

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

not applicable

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

not applicable

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

We have completed the project execution phase as well as the primary design phase and we have started the critical design phase.

14. List any PTC contractors you have used.

Parson Transportation Group (PTG) is the prime contractor who also is the systems integrator providing a turnkey solution. GE Global Signals, WABTEC and ARINC are just 3 of PTG's subcontractors.

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

very

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

Software interface & integration, 220 MHz spectrum acquisition and time

17. Please enter any other comments or lessons learned that you would like to share with us.

No Response

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Response Type:
Normal Response**Email:**
stephen.szegedy@ct.gov**Custom Value:**
empty**Response Started:**
Thursday, November 8, 2012 11:40:36 AM**Collector:**
Official PTC Survey
(Email Invitation)**Name:**
empty**IP Address:**
159.247.3.210**Response Modified:**
Thursday, November 8, 2012 12:18:37 PM**1. Please complete the following contact information.**

Your Name - Stephen Szegedy

Rail System - Metro-North RR New Haven Line, ConnDOT

Address - 2800 Berlin Turnpike

City/Town - Newington

State - CT

ZIP - 06111

Email Address - stephen.szegedy@ct.gov

Phone Number - 860-594-2897

2. What is the maximum number of daily scheduled passenger trains in your commuter rail service?

289, Metro North RR / 26, Shore line East Trains

3. Do other passenger train operators (e.g. Amtrak) run on these same lines?

yes

4. If other operators run on these lines, what is the maximum number of daily scheduled passenger trains that these operators provide?

51 Amtrak

5. Which of the following best describes your commuter rail system?

part of a state department of transportation

6. Check all of the following that describe your commuter rail system:

own part or all of the rail line on which we operate

7. Where will you have to install PTC? (Check all that apply)

wayside

locomotives

dispatch or control center

8. Have you applied for or received an exception from PTC?

applied, received

9. What is the current cost estimate to design and implement PTC in your commuter rail system?

\$360,000,000.00

10. How will you fund PTC (list all sources and amounts)?

Federal Grants State Bonds

11. Will the planned funding methods impact your agency's ability to fund other critical rail safety needs or projects?

yes

12. Will the planned funding method impact your agency's ability to fund critical highway projects?

yes

13. Describe your agency's progress in implementing PTC (planning, design, construction, testing, certification, full implementation).

Design Phase, testing in the 1st quarter of 2013 to determine material needs

14. List any PTC contractors you have used.

In Design Phase, testing in operational track section, to confirm design, next spring.

15. How confident are you that your commuter rail system will meet the December 31, 2015 deadline for installing PTC?

somewhat

16. List the major obstacles you face in meeting the PTC deadline and any solutions you have found.

Frequency acquisition

17. Please enter any other comments or lessons learned that you would like to share with us.

The FCC rule and sale of frequencies should benefit the public and the safety concerns of the population

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