of the Connecticut EMS Advisory Board

## Thursday, January 24<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of December 27<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting

## **New Business:**

• 2019 Projects

## Work Project:

• Discussion on Legislative committee report draft

## **Info Sharing**

**Next meeting:** Thursday February 28<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

### January 24<sup>th</sup> 2019

Member Attendees: Joshua Beaulieu, Sean Caffyn, Joe Larcheveque, Nancy Mayeda-Brescia, Jim Santacroce, Irene Smith

Excused Members: Lauri Bolton, Erin Riggott

OEMS Staff: Stacey Durante

Торіс	Discussion	Action
Meeting called to order at 14:05	Minutes from <b>December 27<sup>th</sup>, 2018</b> meeting reviewed	Motion – I. Smith
	and approved	Second – S. Durante
		Abstention – N. Brescia
Old Business		
Information Sharing New Programs	J. Larcheveque – Stamford EMS approached regarding a proposal to team EMS with addiction specialists and recovery coaches for client follow-up. This is a concept proposal for further discussion only at this point. An additional program proposal to partner emergency mobile crisis services for youth with EMS to address how this patient population is managed outside of the hospital.	
Community Data Reporting		
State MIH workgroup update	J. Beaulieu provided an update on the progress of the legislative workgroup. A draft report is being reviewed and comments by workgroup members. The workgroup has asked for an extension for submission of this report. The committee discussed the content and scope of the report as well as the process for finalizing and any immediate impact on legislation it may have. J. Beaulieu and B. Baxter spoke on MIH and this process to members of the fire/EMS caucus on Jan. 16 <sup>th</sup> . The discussion was positive and well received.	

New Business	Members discussed the role of this committee in supporting MIH program development and education this year.	This committee will review the completed legislative report on MIH when available and plan its activities based on areas of concern or need identified in the report. This committee will continue to position itself as a source of reference and information on MIH programs and practice.
Work Project	None at this time	
Info Sharing	None at this time	
Adjournment	Meeting adjourned at 15:30 hours	Next Meeting – Thursday February 28 <sup>th</sup> , 2019

Respectfully submitted by Joshua Beaulieu – Committee Chair.

of the Connecticut EMS Advisory Board

# Thursday, February 28<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of January 24<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting

## **New Business:**

• 2019 Projects

## Work Project:

• Discussion on Legislative committee report draft

## **Info Sharing**

**Next meeting:** Thursday March 28<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

### February 28<sup>th</sup> 2019

Member Attendees: Joshua Beaulieu, Lauri Bolton, David Burich, Len Guercia, Melissa Osborne, Jim Santacroce, Jim Stead

Excused Members: Jose Matias, Erin Riggott, Irene Smith

OEMS Staff: Stacey Durante

Торіс	Discussion	Action
Meeting called to order at 14:10	Minutes from January 24 <sup>th</sup> , 2019 meeting reviewed and	Motion – S. Durante
	approved	Second – M. Osborne
Old Business		
Information Sharing New Programs	J. Beaulieu shared information on MIH program	
	presentations at EMS Today Conference. Several	
	innovative solutions to healthcare delivery are being	
	implemented across the country, with new programs	
	starting regularly now. A common theme with many of	
	these is a lack of an implemented financial sustainability	
	plan.	
Community Data Reporting	J. Stead shared data from the Danbury area regarding	
	patients experiencing falls at home. He reports that for 6	
	months patients who agree to opt in, after being assisted	
	post fall in the home and not transported to the hospital,	
	receive a follow-up contact from hospital staff and are then	
	aided in seeking primary care services. The program has	
	seen 120 unique patients following 178 incidents of falls at	
	home. They hope to decrease the number of repeat falls	
	through this program.	
State MIH workgroup update	J. Beaulieu reports that the Legislative MIH work group	
	report is complete and is awaiting final approval from work	
	group members before being submitted on 3/1. The	
	executive summary was reviewed and discussed, and	

	recommendations of the report were highlighted.	
New Business	The group discussed Raised Bill 7278 "An Act Concerning	Committee members agree that this bill
	Mobile Integrated Health Care". This bill was introduced by	should be supported as it moves forward
	the Public Health committee on 2/28 and addresses	and the committee will watch it closely.
	legislative actions required to enable all of the	
	recommendations identified in the MIH work group report.	
	Specifically, it seeks to add MIH as an activity of the EMS	
	system that can be provided by EMS organizations and	
	addresses language needed around alternate destination	
	and rate setting for treatment without transport.	
	The committee discussed the new CMS ET3 program. J.	
	Beaulieu provided notes on the program from a webinar	
	held by CMMI on 2/27. The committee agrees that this	
	program is positive for EMS and MIH programs.	
Work Project	MIH Committee Next Steps	
	The committee discussed how we can best support the	Committee members will contact
	recommendations put forth in the Legislative MIH report in	paramedic education providers and
	anticipation of these being enabled by the legislation	discuss their likely interest and
	referenced above in this session. Our identified priorities	capabilities for delivering education for
	include anticipating program implementation challenges	MIH providers.
	associated with community needs assessments and	The committee will revisit education
	provider education. Sources of information for both of	recommendations as they relate to
	these areas of focus were discussed. Committee members	program recommendations found in the
	were asked to begin by accessing the most recent	legislative report.
	community health assessments completed by their hospital	Committee members will begin to
	systems.	compile resources to aid EMS services in
		completing program needs assessments.
Info Sharing	None at this time	
Adjournment	Meeting adjourned at 15:30 hours	Next Meeting – Thursday March 28 <sup>th</sup> ,

Respectfully submitted by Joshua Beaulieu – Committee Chair.

of the Connecticut EMS Advisory Board

## Thursday, March 28<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of February 28<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting

## **New Business:**

• Legislative progress report

## Work Project:

• Review of education recommendations and resources

## Info Sharing

**Next meeting:** Thursday April 25<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

### March 28<sup>th</sup> 2019

Member Attendees: Joshua Beaulieu, Lauri Bolton, David Burich, Jim Santacroce, Irene Smith, Jim Stead

Excused Members: Sean Caffyn, Len Guercia, Melissa Osborne, Erin Riggott

Guests: Dawn Filippa, Tom Nowicki

#### OEMS Staff: Stacey Durante

Торіс	Discussion	Action
Meeting called to order at 14:05	Minutes from February 28 <sup>th</sup> , 2019 meeting reviewed and	Motion – S. Durante
	approved	Second – D. Burich
Old Business		
Information Sharing New Programs	No report	
Community Data Reporting	No report	
State MIH workgroup update	J. Beaulieu reports that the Legislative MIH work group	
	report was submitted.	
New Business	Raised MIH bill HB7278 was discussed. This bill had a public	Committee members will continue to
	hearing on 3/13 and was voted out of the public health	watch this bill and support as
	committee on 3/22. There is a desire among several	appropriate.
	stakeholders to see some language changes, but overall the	
	bill is viewed favorably.	
Work Project	Review of Education Recommendations and Resources	
	Members reviewed the education recommendations made	J. Santacroce will research existing MIH
	for the legislative report. The committee is generally	core education programs that are less
	favorable to the concept of a core education program being	than 80hrs.
	required of paramedics engaging in MIH programs,	The committee will invite representatives
	augmented by program-specific education.	from paramedic education programs to
	Recommendations for program length were discussed.	our May meeting.
	During the education discussion, J. Beaulieu relayed	
	information about the Yale PRIDE program as provided by	

	Dr. Bogucki. The programs positive outcome data was discussed in the context of education considerations for this type of program.	
Info Sharing	None at this time	
Adjournment	Meeting adjourned at 15:25 hours	Next Meeting – Thursday April 25 <sup>th</sup> , 2019

Respectfully submitted by Joshua Beaulieu – Committee Chair.

of the Connecticut EMS Advisory Board

## Thursday, April 25<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of March 28<sup>th</sup> 2019 meeting minutes

### **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- Legislative progress report

### **New Business:**

•

## Work Project:

• Continued work on education recommendations and resources Info Sharing

**Next meeting:** Thursday May 23<sup>rd</sup> 2019.

#### Mobile Integrated Healthcare Committee

### April 25<sup>th</sup> 2019

Member Attendees: Joshua Beaulieu, David Burich, Sean Caffyn, Len Guercia, Chris O'Brien, Melissa Osborne, Erin Riggott

Excused Members: Jim Santacroce, Irene Smith

Торіс	Discussion	Action
Meeting called to order at 14:07	Minutes from March 28th, 2019 meeting reviewed and	Motion – M.Osborne
	approved	Second – D. Burich
Old Business		
Information Sharing New Programs	No report	
Community Data Reporting	No report	
State MIH legislative update	J. Beaulieu reports that bill 7278 is out of committee and awaiting further action.	Committee members will continue to watch this bill and support as appropriate.
New Business		
Work Project		
Review of Education Recommendations and Resources	Discussion regarding education models adopted by other programs. J. Santacroce emailed in his findings regarding core education programs, which were discussed. The committee considered how an MIH program should address skills competency, and if this should be a part of a core program or left to program medical direction to validate.	J. Beaulieu will invite paramedic program representatives to the next meeting to discuss the content and logistics of education delivery for MIH providers.
Info Sharing	None at this time	
Adjournment	Meeting adjourned at 15:20 hours	Next Meeting – Thursday May 23 <sup>rd</sup> , 2019

Respectfully submitted by Joshua Beaulieu – Committee Chair.

of the Connecticut EMS Advisory Board

## Thursday, May 23<sup>rd</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of April 25<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- Legislative progress report

### **New Business:**

•

## Work Project:

• Education discussion with Paramedic program representatives Info Sharing

**Next meeting:** Thursday June 27<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

#### May 23, 2019

Member Attendees: Joshua Beaulieu, Sean Caffyn, Erin Riggott, Jim Santacroce By Phone: Len Guercia, Chris O'Brien, Melissa Osborne, James Stead

Excused Members: Dave Burich, Irene Smith

**OEMS Staff: Stacey Durante** 

Guests: Daniel Tauber, Matt Hess, Lindsay Adelson, Peter Struble, Mike Zacchera, Dawn Filippa, Joseph Soto By Phone: Tara Norman, Robert Soucy

Торіс	Discussion	Action
Meeting called to order at 2:05 PM	Minutes from 4/25/2019 meeting reviewed and	Motion – Len Guercia
	approved	Second – Chris O'Brien
Old Business		
Information Sharing new Programs	No Report	
Community Data Reporting	No Report	
Legislative Progress Report	HB 7278 passed the House unanimously; awaiting	
	Senate	
New Business	No report	
Work Project		
Education	Education discussion with Paramedic program representatives. All agree that an MIH education model should be universal among the programs and should follow existing Community Paramedic Certificate. Agreement that there should be a didactic and clinical portion- with didactic having a standardized core, and that an MIH program would be "post graduate"/not in initial Paramedic education	Paramedic program coordinators will begin meeting with MIH and Training&Ed committees to create recommendations for a core MIH provider education program.
Info Sharing	No Report	
Adjournment	Meeting adjourned at 3:37 PM	Next Meeting – Thursday June 27, 2019

of the Connecticut EMS Advisory Board

# Thursday, June 27<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 10:00am

Review of May 23<sup>rd</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- Legislative Update

## **New Business:**

• MIH Implementation Process in CT

## Work Project:

Provider Education

## **Info Sharing**

**Next meeting:** Thursday July 25<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

### June 27<sup>th</sup>, 2019

Member Attendees: Joshua Beaulieu, Lauri Bolton, Jose Matias, Chris O'Brien, Melissa Osborne, Jim Santacroce, Irene Smith.

Excused Members: Dave Burich, Erin Riggott, James Stead

OEMS Staff: Stacey Durante

Guests: Katherine Coupe, John Quinlavin, Bob Soucy

Торіс	Discussion	Action
Meeting called to order at 10:05 AM	Minutes from 5/23/2019 meeting reviewed and	Motion – Stacy Durante
	approved	Second – Jose Matias
Old Business		
Information Sharing new Programs	K. Coupe provided some information on a readmission	
	reduction program she recently learned about, in	
	Albany NY.	
Community Data Reporting	No Report	
Legislative Progress Report	MIH language from HB 7278 was added to a DPH	
	collector bill and passed the senate. Awaiting	
	governor's signature. The committee had a broad	
	discussion on the implications of this on OEMS in terms	
	of workload and process.	
New Business – MIH Implementation	The committee discussed the application process as it	S. Durante will send out information on the
	was proposed during the legislative workgroup	proposed timeline and process for
	meetings. Conversation continued to stakeholder	applications when it becomes available.
	notification/ cooperation.	
Work Project		
Education	J. Beaulieu provided an overview of the first meeting of	
	the education subcommittee, attended by	
	representatives of 4 CT paramedic education	
	programs. The concept of having an "administrators	
	bootcamp" program for MIH program leaders was	
	discussed. Additional continuing education needs	

	were discussed.	
Info Sharing	None	
Adjournment	Meeting adjourned at 11:35 AM	Next Meeting – Thursday July 25 <sup>th</sup> , 2019

of the Connecticut EMS Advisory Board

## Thursday, July 25<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 10:00am

Review of June 27<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- MIH Implementation Process in CT

### **New Business:**

•

Work Project:

Provider Education

**Info Sharing** 

**Next meeting:** Thursday August 22<sup>nd</sup> 2019.

#### Mobile Integrated Healthcare Committee

### July 25<sup>th</sup>, 2019

Member Attendees: Joshua Beaulieu, Jose Matias, Melissa Osborne, Erin Riggott

Via Phone Attendance: Lauri Bolton,

Excused Members: Jim Santacroce, Irene Smith

OEMS Staff: Stacey Durante

Guests: Michael Torcio, Brandon Bartel, Robert Soucy

Торіс	Discussion	Action
Meeting called to order at 1010	Minutes from 06/27/2019 meeting reviewed and	Motion – Stacey Durante
	approved	Second – Jose Matias
Old Business		
Information Sharing on New	None at this time	
Programs		
Community Data Reporting	None at this time	
MIH Implementation Process CT	Stacey Durante anticipates an MIH Update from OEMS in September. States the office is currently doing review work and looking at the additional workload for staff within current budget. Also advises that OEMS may look for input regarding MIH program Application Group also discusses idea of formulating an Audit Committee as a resource for Applicants interested in implementing MIH program.	Josh Beaulieu to distribute a copy of the current application and requests that Committee members review/formulate recommendations for the August meeting
New Business	None at this time	

Work Project		
Provider Education	Josh Beaulieu reports that Training and Education and MIH Committee agree on 1 recommended core curriculum, following CPC testing criteria, and that an accredited system at state schools should be considered. Training and Ed will next review logistics of delivery and clinical opportunities with different providers.	
Adjournment	Meeting adjourned at 1130	Next Meeting – August 22, 2019

of the Connecticut EMS Advisory Board

# Thursday, August 22<sup>nd</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 10:00am

Review of July 25<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- MIH Implementation Process in CT

### **New Business:**

•

Work Project:

• MIH Application Process

**Info Sharing** 

**Next meeting:** Thursday September 26<sup>th</sup> 2019.

#### Mobile Integrated Healthcare Committee

#### Aug. 22<sup>nd</sup>, 2019

Member Attendees: Joshua Beaulieu, Chris O'Brien, Melissa Osborne, Erin Riggott

Via Phone Attendance: James Stead

Excused Members: Irene Smith, Jose Matias

OEMS Staff: Stacey Durante

Guests:

Торіс	Discussion	Action
Meeting called to order at 1005	Minutes from 07/25/2019 meeting reviewed and	Motion – Stacey Durante
	approved	Second – Erin Riggott
Old Business		
Information Sharing on New	None at this time	
Programs		
Community Data Reporting	ECHN's Community Data Report to be released next month	
MIH Implementation Process CT	Josh Beaulieu gives brief education update; 4 Paramedic programs have met several times and agree to recommend a standardized core curriculum, approximately 15 credit hours/ 200-300 contact hours, following the CP-C learning objectives. Currently reviewing clinical site learning objectives.	
New Business	None at this time	
Work Project		
MIH Application Process	Group reviews current State of CT "Application for	

	Mobile Integrated HealthCare Services Considerations" draft. Group agrees that Page 1, Step 1 should be clarified regarding CEMSMAC and CEMSAB role regarding the term "approval".	
Adjournment	Meeting adjourned at 1130	Next Meeting – September 26, 2019

of the Connecticut EMS Advisory Board

## Thursday, October 24<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 10:00am

## Review of August 22<sup>nd</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- MIH Implementation Process in CT

## **New Business:**

•

Work Project:

• Review of Education recommendations

**Info Sharing** 

Next meeting: TBD.

### **Mobile Integrated Healthcare Committee**

## October 24<sup>th</sup>, 2019

Member Attendees: Joshua Beaulieu, Jose Matias, Chris O'Brien, Melissa Osborne, Irene Smith Erin Riggott

Via Phone Attendance: Len Guercia, John Quinlavin

Excused Members: Erin Riggott, Jim Santacroce, Dave Burich

OEMS Staff: Stacey Durante

Guests: Jeff Harris, Robert Soucy

Торіс	Discussion	Action
Meeting called to order at 10:08	Minutes from 08/22/2019 meeting reviewed and	Motion – M. Osborne
	approved	Second – C. O'Brien
Old Business		
Information Sharing on New	Discussion on funding for the MA MIH office and	
Programs	programs. Additional discussion on a healthcare	
	consortium in NY, using video conferencing with MIH	
	visits.	
Community Data Reporting	None	
MIH Implementation Process CT	Discussion on the current status of MIH. Financial	
	constraints within OEMS are a factor in achieving	
	adequate oversight to move this initiative forward.	
	The committee discussed alternatives to OEMS	
	shouldering the entire workload for application review	
	and program oversight. Several ideas were voiced.	
	The application intake process was discussed as well as	
	funding sources to be considered such as grant money.	
New Business	None at this time	
Work Project		
Review of Education	Committee reviews the education recommendations	Motion to accept the education
Recommendations	developed by the MIH education subcommittee for	recommendations and forward to OEMS.
	submission to OEMS.	Motion – I. Smith
		Second – J. Matias
Adjournment	Meeting adjourned at 11:30	Next Meeting - December 12 <sup>th</sup> 14:00hrs

of the Connecticut EMS Advisory Board

# Thursday, December 12<sup>th</sup>, 2019 Agenda

- Location: Manchester Fire-Rescue-EMS 75 Center St Manchester, CT 06040
- **Call-in:** Limited to 8 participants. Please email Josh Beaulieu for access info.

Call to order – 2:00pm

## Review of October 24<sup>th</sup> 2019 meeting minutes

## **Old Business:**

- Information sharing on new programs
- Community Data Reporting
- MIH Implementation Process in CT

## **New Business:**

- 2019 EOY Report
- 2020 Committee leadership

Work Project:

## Info Sharing

**Next meeting:** January 23<sup>rd</sup> 2020 @ 2:00pm.

## Mobile Integrated Healthcare Committee

### December 12, 2019

Member Attendees: Josh Beaulieu, Sean Caffyn, Jose Matias, Chris O'Brien, Jim Santacroce,

Excused Members: Dave Burich, Melissa Osborne, Erin Riggott, Irene Smith

**OEMS Staff: Stacey Durante** 

Guests: Greg Allard

Торіс	Discussion	Action
Meeting called to order at 14:04hrs	Minutes from 10/24/2019 meeting reviewed and	Motion – S. Caffyn
	approved	Second – S. Durante
Old Business		
Information Sharing on New	J. Santacroce – Middlesex Hospital began providing	
Programs	follow-up home visits to some ED discharge patients	
	that are considered high risk for repeat ED visits. The	
	program has been in place for about 6 weeks.	
	Currently home visits are made by one ED doctor or	
	PA. This is not an MIH program.	
	C. O'Brien – Report on information about MIH	
	programs in Milwaukee, WI that partner with insurers	
	to conduct home visits to patients identified as at risk	
	for hospital readmission. Several best practices from	
	that program were shared.	
	<b>S. Durante</b> – Discussion of CVS providing home care	
	visits for patients with specific chronic illnesses	
	through their Aetna care management group.	
	S. Caffyn – Hunters, Wallingford FD, NBEMS and	
	Hospital of Central CT are partnering to pursue	
	alternate destination transport under the CMS ET3	
	program. More details of how this may work will be	
	available in early 2020.	
community Data Reporting	None	
MIH Implementation Process CT	Discussion on the current status of MIH. There have	
	been no changes in the status of MIH from OEMS. The	

New Business	committee discussed the elements of implementation with an emphasis on identifying any remaining need that could be addressed by this committee. End of Year Report – The committee discussed what was accomplished in 2019 and suggests goals and	J. Beaulieu will draft the EOY report for review at the January meeting.
	objectives to be included for 2020. <b>Committee Leadership</b> – The committee discussed nominations for the positions of Chair, Vice-chair and secretary for 2020.	<ul> <li>J. Beaulieu nominated for Chair by J. Matias, second by S. Caffyn.</li> <li>J. Santacroce nominated for Vice-chair by S. Durante, second by C. O'Brien.</li> <li>E. Riggot nominated for Secretary by J. Beaulieu, second by J. Matias.</li> <li>Nominees will be voted on by the committee in January.</li> </ul>
Work Project	None	
Info Sharing	J. Matias – Discussed the work JB Learning has been doing on MIH education.	J. Matias will reach out to the JB Learning rep to discuss their MIH education program at the January meeting.
Adjournment	Meeting adjourned at 15:20	Next Meeting - January 23 <sup>rd</sup> , 2020 @ 14:00hrs