APPENDIX D - Data Dictionary

Command Line

Scenario

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
CodeRED Function	CodeRED command to be used.	CFunction	char	2	[a-z][A-Z]		QL		FALSE
Scenario Name/ID	Unique scenario name or ID. (Exists only in CodeRED).	Scenario	nvarchar	128	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		541132 ~Senario - Pre-evacuation - Peak 12~		FALSE
Modifier	CodeRED component(s) to be used. Valid Values: Launch, Stop	Modifier	varchar	10	[a-z][A-Z]		launch		FALSE

Tone / Page

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
CodeRED Function	CodeRED command to be used.	CFunction	char	2	[a-z][A-Z]		TN		FALSE
Message Recipients	Contact or Contact Group that exist in CodeRED.	Recipients	nvarchar	512	[0-9][a-z][A-Z][.@_();]		jjdoe@mydomain.org Techs;Chiefs;Coroner	If multiple values, separate with semicolon (;) deliminated string	FALSE
Message	The message to be sent.	Message	nvarchar	max	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		~Vehicle accident at N STOIC ST/N MAIN ST. Please stay clear.~ NOTICE: BIKE RACE STARTING IN BRECKENRIDGE @ 09:30	If special characters will be used; such as period (.) and single-quote ('); user can encapsulate message with tilde (~) in order to facilitate valid parsing.	FALSE
Modifier	CodeRED component(s) to be used. Valid Values: Email, Text, All	Modifier	nvarchar	20	[a-z][A-Z]	ALL	EMAIL EMAIL,TEXT ALL	If multiple values, separate with semicolon (;) deliminated string	TRUE

Quick Launch

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
CodeRED Function	CodeRED command to be used.	CFunction	char	2	[a-z][A-Z]		TN		FALSE
Message Urgency	An urgency determinent used by CodeRED regarding resource priority.	Urgency	nvarchar	10	[a-z][A-Z]	GENERAL	emergency		TRUE
Incident Number	A specific Incident number that exists in the CodeRED system.	Incident	nvarchar	50	[0-9][a-z][A-Z]		FLD170705002118	Required if {Recipients} is left blank.	-
Message Recipients	Contact or Contact Group that exist in CodeRED.	Recipients	nvarchar	512	[0-9][a-z][A-Z][.@_();]		jjdoe@mydomain.org jjdoe@summit911.org Techs;Chiefs;Coroner	Required if {Incident} is left blank. If multiple values, separate with semicolon (;) deliminated string	-
Message	The message to be sent.	Message	nvarchar	max	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		~Vehicle accident at N STOIC ST/N MAIN ST. Please stay clear.~ NOTICE: BIKE RACE STARTING IN BRECKENRIDGE @ 09:30	If special characters will be used; such as period (.) and single-quote ('); user can encapsulate message with tilde (~) in order to facilitate valid parsing.	FALSE
Modifier	CodeRED component(s) to be used. Valid Values: Voice, Text, Email, Mobile, All	Modifier	nvarchar	20	[a-z][A-Z]	ALL	all email;text;mobile	If multiple values, separate with semicolon (;) deliminated string	TRUE

LINX

Main Process

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
Message Type	Type of message to send.	Type	char	2	[a-z][A-Z]		SN TN QL		FALSE
Message	The message container which will contain one of the below templates.	Message	text	max	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		{See Appendix M}		FALSE

Scenario Template

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
Message Type	Type of message to send.	Type	char	2	[A-Z]		SN		FALSE
ScenarioID or Scenario Name	A specific scenario identified by ID or Name	Scenario	nvarchar	64	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		541132 ~Evac - 12/01/17 - Peak's Trail~		FALSE
Action	Launch or Stop	Action	varchar	10	[A-Z]		LAUNCH STOP		FALSE

Tone/Page Template

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Default Value	Example Value	Additional Logic	Nullable
Message Type	Type of message to send.	Type	char	2	[A-Z]		TN		FALSE
Recipients	Array of recipients.	Recipient	nvarchar	64	[0-9][a-z][A-Z][.@_();]	X	TECH SUPER SWAT	Values should be enclosed in their own <Recipient> element.	FALSE
Message	The message body.	Body	nvarchar	max	[0-9][a-z][A-Z][.+-=!@#$%^&*(){}[]<>?/:;]		{See Appendix M - Tone/Page Template}		FALSE

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Array	Example Value	Additional Logic	Nullable
Components	Array of intended media.	Component	varchar	64	[A-Z]	X	EMAIL TEXT ALL	Values should be enclosed in their own <Component> element.	TRUE

Quick Launch Template

Entity Name	Entity Description	Column Name	Data Type	Length	Range	Array	Example Value	Additional Logic	Nullable
Message Type	Type of message to send.	Type	char	2	[A-Z]		QL		FALSE
Urgency	The delivery urgency used by CodeRED to determine resource priority.	Urgency	varchar	10	[A-Z]		GENERAL EMERGENCY		FALSE
Incident	Specified CodeRED incident.	Incident_Number	nvarchar	50	[a-z][A-Z][0-9][-]		FLD170831003114	Required if {Recipients} is left blank.	-
	Polygon	Polygon	varchar	max	[0-9][-][.][,]		-82.33177460892894 26.9120647632426,-78.78040045365075 25.46357768049603,-77.99125508581116 30.43613308165917,-81.82956573848556 31.23694642322567,-83.98188946895718 30.03323339484579,-84.44822627722604 27.00798553418998,-82.33177460892894 26.9120647632426	List of points (Latitude/Longitude) single-space separated and comma delimited. Required if {Circle} is null.	-
	Circle	Latitude	float	24	[0-9][-][.]		39.62915122	Point and Radius (in miles). Required if {Polygon} is null.	-
		Longitude	float	24	[0-9][-][.]		-106.0712131		
		Radius	tinyint	0-255	[0-9]		7		
Recipients	Array of recipients.	Recipient	nvarchar	64	[0-9][a-z][A-Z][.@_();]	X	TECH SUPER SWAT	Required if {Incident} is left blank. Values should be enclosed in their own <Recipient> element.	-
Message	The message body to be submitted.	Body	nvarchar	max	[0-9][a-z][A-Z][.+-_=!@#$%^&*(){}[]<>?/:;]		{See Appendix M - QuickLaunch Template}		FALSE
Components	Array of intended media.	Component	varchar	64	[A-Z][;]	X	VOICE MOBILE ALL	Values should be enclosed in their own <Component> element.	TRUE