

RMS Express

HTML Message Forms

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RMS Express Forms

- HTML forms are efficient and professional looking.
- Forms can be simple or very complex.
- Forms can look as good as any web site.
- Forms are easy to use.
- Attractive forms are difficult to create unless you understand HTML, cascading style sheets and JavaScript.
- The Winlink team is building a library of forms.
- We need good HTML/JavaScript programmers.

Example ICS-213 Form Displayed by RMS Express

GENERAL MESSAGE (ICS 213)			
1. Incident Name (Optional):	<input type="text"/>		
2. To (Name and Position):	<input type="text"/>	To Email:	<input type="text"/>
3. From (Name and Position):	<input type="text"/>	From Email:	W4PHS
4. Subject:	<input type="text"/>	5. Date:	6. Time:
		<input type="text" value="2015-04-23"/>	<input type="text" value="11:55:22"/>
7. Message:			
<div style="border: 1px solid #ccc; height: 150px; width: 100%;"></div>			
8. Approved by: Name:		<input type="text"/>	Position/Title: <input type="text"/>
ICS 213		HTML Template Version # 1.00 by OE3XEC	

HTML Form and Template Set

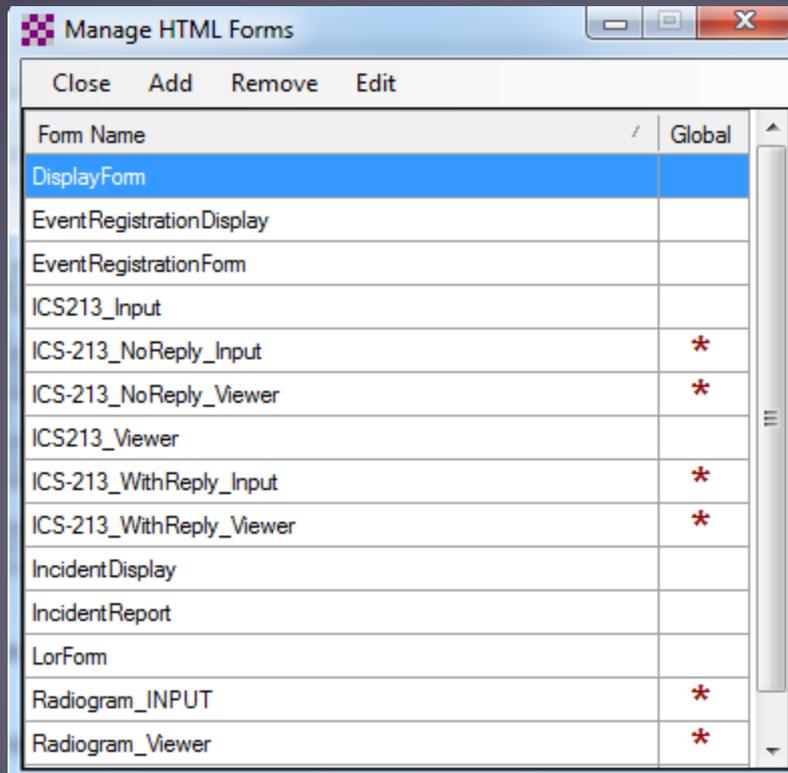
- A full *form set* has three components:
 - A *template* that displays the form and generates the text message to be sent.
 - An *input form* that solicits input from the user.
 - A *display form* that formats and displays the information on the recipient's computer.
- Input from a form is encapsulated in a compact XML file attached to the message.
- The actual form HTML is *not* transmitted.
- Input and display forms may be large, but the actual data transmitted is very compact.
- Receiving station must have the display form installed.

A Template to Display A Form

- There must be a template to display a form.
- The template also can generate the text portion of the message.
- The text message should convey all information in case the receiving station doesn't have the display form.
- You can use input forms without having display forms.
- Callsign-specific templates and forms go in C:\RMS Express\callsign\Templates\
- Global templates and forms for all callsigns go in C:\RMS Express\Global Folders\Templates\

Creating and Editing HTML Forms

- HTML forms can be created using a text editor, the form editor built into RMS Express or a program specifically designed to create and edit HTML.

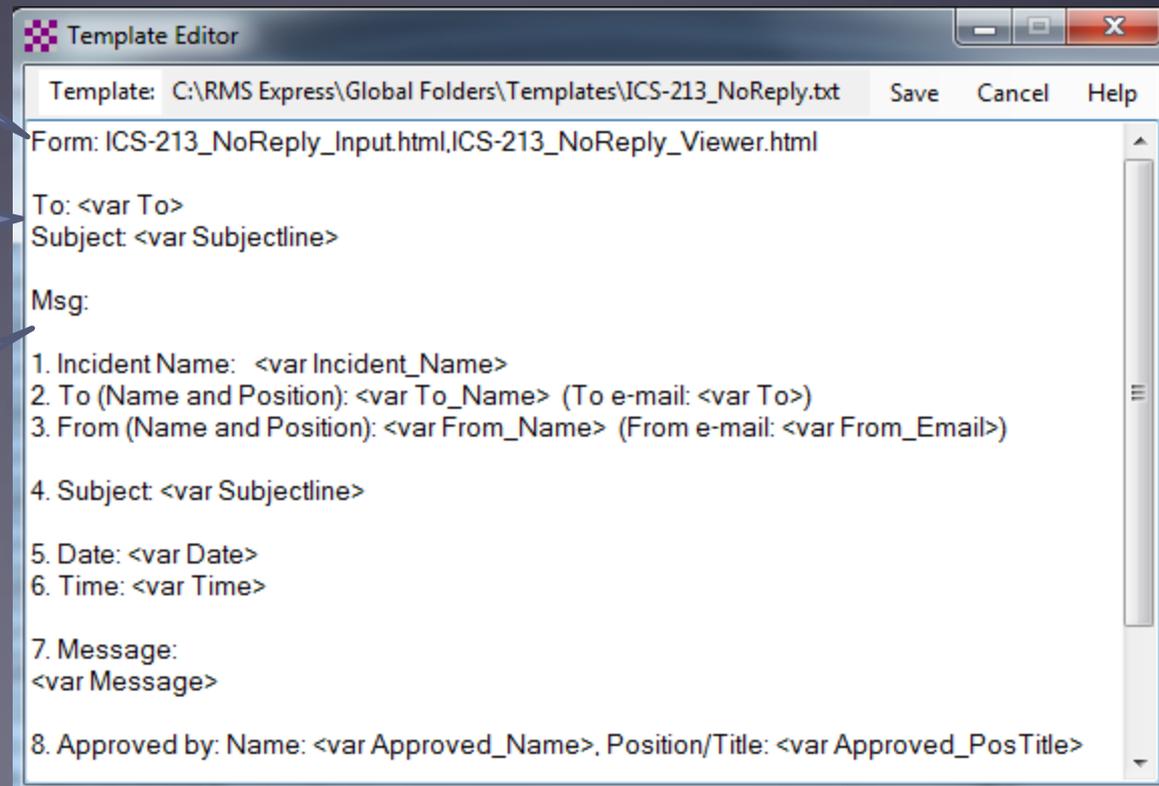


Template to Display a Form

Names of input and display forms

Use variables defined by form to fill in To and Subject of message

Body of message follows "Msg:". Variables provide values.



The screenshot shows a window titled "Template Editor" with a menu bar containing "Save", "Cancel", and "Help". The main text area contains the following template code:

```
Template: C:\RMS Express\Global Folders\Templates\ICS-213_NoReply.txt
Form: ICS-213_NoReply_Input.html,ICS-213_NoReply_Viewer.html
To: <var To>
Subject <var Subjectline>
Msg:
1. Incident Name: <var Incident_Name>
2. To (Name and Position): <var To_Name> (To e-mail: <var To>)
3. From (Name and Position): <var From_Name> (From e-mail: <var From_Email>)
4. Subject <var Subjectline>
5. Date: <var Date>
6. Time: <var Time>
7. Message:
<var Message>
8. Approved by: Name: <var Approved_Name>, Position/Title: <var Approved_PosTitle>
```

Example ICS-213 Input Form

GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional):	<input type="text" value="TEMA/AuxComm Exercise"/>		
2. To (Name and Position):	<input type="text" value="Department of Transportation"/>	To Email:	<input type="text" value="TDOT"/>
3. From (Name and Position):	<input type="text" value="Phil Sherrod, RADO"/>	From Email:	<input type="text" value="W4PHS"/>
4. Subject:	<input type="text" value="Briley Parkway bridge out"/>	5. Date:	<input type="text" value="2015-04-23"/>
		6. Time:	<input type="text" value="12:19:19"/>
7. Message:			
<div style="border: 1px solid #ccc; padding: 10px; min-height: 200px;"><p>-- Exercise message (not actual event) --</p><p>The <u>Briley</u> Parkway Bridge crossing the Cumberland River is down. All traffic is stopped.</p></div>			
8. Approved by: Name:		<input type="text" value="PHS"/>	Position/Title: <input type="text"/>
ICS 213		HTML Template Version # 1.00 by OE3XEC	

Message Created by Template and Form

To and Subject fields
from form input

XML file with data for
the display form

Message body created
by Template using
information from
form

The screenshot shows an email client window titled "Enter a new message". The window has a menu bar with "Close", "Select Template", "EEI", "ICS-213", "Attachments", "Post to Outbox", "Save in Drafts Folder", and "Spell Check". Below the menu bar are several fields and options:

- From:** A dropdown menu showing "W4PHS".
- To:** A text field containing "TDOT".
- Cc:** An empty text field.
- Subject:** A text field containing "Briley Parkway bridge out".
- Attachments:** A list box containing "RMS_Express_Form_ICCS-213_NoReply_Viewer.xml".
- Options:** Radio buttons for "Winlink Message" (selected) and "Peer-to-Peer Message", and a checkbox for "Request read receipt".

The message body is displayed in a text area with the following content:

```
1. Incident Name: TEMA/AuxComm Exercise
2. To (Name and Position): Department of Transportation (To e-mail: TDOT)
3. From (Name and Position): Phil Sherrod, RADO (From e-mail: W4PHS)
4. Subject: Briley Parkway bridge out
5. Date: 2015-04-23
6. Time: 12:19:19
7. Message:
-- Exercise message (not actual event) --

The Briley Parkway Bridge crossing the Cumberland River is down. All traffic
is stopped.

8. Approved by: Name: PHS, Position/Title:
```

Message Shown by Display Form on Receiving End

GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional):	<input type="text" value="TEMA/AuxComm Exercise"/>		
2. To (Name and Position):	<input type="text" value="Department of Transportation"/>	To Email:	<input type="text" value="TDOT"/>
3. From (Name and Position):	<input type="text" value="Phil Sherrod, RADO"/>		
4. Subject:	<input type="text" value="Briley Parkway bridge out"/>	5. Date:	<input type="text" value="2015-04-23"/>
		6. Time:	<input type="text" value="12:19:19"/>
7. Message:	<div style="border: 1px solid #ccc; padding: 10px; min-height: 150px;"><p>-- Exercise message (not actual event) --</p><p>The Briley Parkway Bridge crossing the Cumberland River is down. All traffic is stopped.</p></div>		
8. Approved by: Name:	<input type="text" value="PHS"/>	Position/Title:	<input type="text"/>
ICS 213 Original sent by NNS4UR			Date / Time: <input type="text"/> <small>HTML Template Version # 1.00</small>

Received Text Message

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
	2015/04/23 17:35	ZB4I43NTLIRP	1040	W4PHS	W4PHS	NNS4UR	Briley Parkway bridge out
	2015/04/23 00:39	Q93ZA0N0UEYR	1256	W4PHS	W4PHS	NNS4UR	Re://WL2K Your form
	2015/04/18 22:22	XRLZB7L8M31K	1230	W4PHS	W4PHS	NNS4UR	Re://WL2K-R/ Winmor station list
	2015/04/16 21:34	V6G6V6EV6MBN	951	W4PHS	W4PHS	NNS4UR	Test with reply
	2015/04/16 21:34	5WX7DEG6GEDE	915	W4PHS	W4PHS	NNS4UR	Test with no reply
	2015/04/16 00:28	M61ZR3J3KG3H	1018	W4PHS	W4PHS	NNS4UR	//WL2K R/ Radiogram from W4PHS
	2015/04/16 00:19	GDG35ZAPY94W	1015	W4PHS	W4PHS	NNS4UR	//WL2K R/ Radiogram from W4PHS
	2015/04/13 19:56	95SL75VCBMN4	953	W4PHS	W4PHS	NNS4UR	Test ICS 213
	2015/04/06 16:27	2NXKV6CGP5DP	2479	NNA4SU	NNA4SU	NNS4UR	//MARS R/Bad attachment
	2015/04/04 18:16	6Y37R84XOGTP	2729	AAR6.IN	AAR6.IN	NNN0SIUR	//MARS R/nrnblem file

From: W4PHS
To: NNS4UR
Source: W4PHS
Subject: Briley Parkway bridge out

1. Incident Name: TEMA/AuxComm Exercise
2. To (Name and Position): Department of Transportation (To e-mail: TDOT)
3. From (Name and Position): Phil Sherrod, RADO (From e-mail: W4PHS)
4. Subject: Briley Parkway bridge out
5. Date: 2015-04-23
6. Time: 12:19:19
7. Message:
-- Exercise message (not actual event) --
8. Approved by: Name: PHS, Position/Title:

The Briley Parkway Bridge crossing the Cumberland River is down. All traffic is stopped.



- Thank you!
- Questions?
- Information about Winlink can be found at www.winlink.org
- White papers about Winlink can be found at www.qrz.com/db/W4PHS