Using FLmsg and Outpost to Send Forms
Using FLmsg with Outpost

➤ FLmsg allows packet users to send form data quickly via digital modes.

➤ FLmsg has many ICS, MARS, and other forms available.

➤ Although FLmsg is generally used with FLdigi, it can be used with Outpost Packet Manager.

➤ Complete directions are available on sacvalleyyares.org
flmsg is a simple forms management editor for the amateur radio supported standard message formats. These current include:

ICS-203 - Organization Assignment List
ICS-205 - Incident Radio Communications Plan
ICS-205A - Comms List - special USCG Plan
ICS-206 - Medical Plan
ICS-213 - General Message Form
ICS-214 - Unit log
ICS-216 - Radio Requirements Worksheet
ICS-309 - Incident Communications Log
HICS-203 - Hospital Organization Assignment List
HICS-206 - Hospital Staff Medical Plan
HICS-213 - Hospital Incident Message Form
HICS-214 - Hospital Operational Log
MARS Daily - Military Auxiliary Radio System Daily report
MARS IN/EEI - Military Auxiliary Radio System IN/EEI report
MARS Net - Military Auxiliary Radio System net report
MARS Army - Military Auxiliary Radio System Army formatted message
MARS Navy - Military Auxiliary Radio System Navy formatted message
IARU - International Amateur Radio Union standard message
Radiogram - NTS message
Red Cross Safety & Welfare - standard report
Red Cross 5739 - On Site Detailed Damage Assessment
Red Cross 5739A - Detailed Damage Assessment Supplemental Worksheet
Red Cross 5739B - Area Assessment Worksheet
Plaintext - generic message format
CSV-text - Comma Separated Value text file (spreadsheet)
Blank - very simple text format with no preset fields
Drag and Drop - target control (widget) that accepts either a data file (.203 etc), a wrapped data file (.wrap), or the text associated with a data file. The later may be a copy and paste from another application such as fldigi or a text editor.
Transfer - transfer any file using flmsg wrap and header controls.
Custom HTML Form - User generated custom form using HTML FORM controls.
**FLmsg Creates Forms Ready to Print**

- **Structured, formatted packet messages**

<table>
<thead>
<tr>
<th>1. Incident name</th>
<th>2. From:</th>
<th>3. To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placer multi-County ARES Exercise</td>
<td>2014-03-19 0703L</td>
<td>2014-03-19 1030L</td>
</tr>
</tbody>
</table>

**COMMUNICATIONS LIST (ICS-205A)**

<table>
<thead>
<tr>
<th>4. Basic Local Communications Info</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assignment</strong></td>
<td><strong>Name</strong></td>
</tr>
<tr>
<td>Placer EC</td>
<td>Chuck KG6FFK</td>
</tr>
<tr>
<td>Section EC</td>
<td>Frank N6SNO</td>
</tr>
<tr>
<td>Sacramento EC</td>
<td>John, KI6ZWW</td>
</tr>
</tbody>
</table>

**Simple packet data sent**

```
<flmsg>1.1.35AH
:hdr_ed:22
kg6sjt 20141104162703
<ics205a>
:inc:32 Placer multi-County ARES Exercise
:dfm:10 2014-03-19
:tfm:5 0703L
:dto:10 2014-03-19
:tto:5 1030L
:pre:4 greg
:pos:3 DEC
:dtm:5 0730L
:asg[0]:9 Placer EC
:nam[0]:12 Chuck KG6FFK
:inf[0]:5 Phone
:asg[1]:10 Section EC
:nam[1]:11 Frank N6SNO
:inf[1]:5 phone
:asg[2]:13 Sacramento EC
:nam[2]:12 John, KI6ZWW
:inf[2]:13 Phone & Radio
```
Data from Placer Exercise

Nevada send a CSV file from Excel

<table>
<thead>
<tr>
<th>3/15/2014 Mutual Aid Operators for Placer County</th>
<th>K6TM</th>
<th>KB6FMZ</th>
<th>KZ6B</th>
<th>KK6CUG</th>
<th>KF6DQU</th>
<th>AB6LI</th>
<th>Total Ops</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 VHF Handheld</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>6</td>
</tr>
<tr>
<td>2 VHF Handheld power</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>32</td>
</tr>
<tr>
<td>3 VHF Mobile</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>6</td>
</tr>
<tr>
<td>4 VHF Mobile Power</td>
<td>30</td>
<td>75</td>
<td>5</td>
<td>75</td>
<td>100</td>
<td>50</td>
<td>335</td>
</tr>
<tr>
<td>5 HF Mobile</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td>6 HF Mobile Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>100</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>7 Battery Backup (Ahr)</td>
<td>X*</td>
<td>X*</td>
<td>X*</td>
<td></td>
<td>40</td>
<td>65</td>
<td>105</td>
</tr>
<tr>
<td>8 Generator Power</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Solar Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Significant Masts (Ft)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>40</td>
<td>30</td>
<td>70</td>
</tr>
</tbody>
</table>

* Ahr rating unknown - Car batteries or other
Workflow

In FLmsg select and fill in the form and save the form to disk

Outpost Script scans selected folder

Script opens the file and gets data

Creates a new packet message

Sends the message
Getting Started with Outpost

➤ Create a script automatically at:
http://sacvalleyares.org/contents/FLmsgScript/
Create and Copy the Script

Var fname as string ' variable holding the file name and path
Var nameonly as string ' variable holding the file name only
Var SendtoAddress as string ' variable holding who we are sending to
Var SendToBBS as string ' variable holding who we are sending to
Var FolderToCheck as String ' Var holding pathfolder to check
Var MovtoFolder as String ' Var holding pathfolder to move files to
BEGIN
' *******Define the variable BBS that we will use ********
TNC = “KPC-3” ' use this TNC for all runs. This
' TNC must be set up in Outpost first
BBS = “ARES” ' name of the bbs you are sending the message to
MYCALL = “kg6sjt” ' Your call sign
RETRIEVE = “PF” ' GET mail addressed to you and bulletins
SendtoAddress = “WU6X” ' Call of the station you are sending to
SendToBBS = “ARES”
FolderToCheck = “C:\Documents and Settings\Administrator\messages\”
Create a New Script in Outpost

```plaintext
SCRIPT
BEGIN

'*****************************************************************************
Var fname as string ' variable holding the file name and path
Var nameonly as string ' variable holding the file name only
Var SendtoAddress as string ' variable holding who we are sending to
Var SendToBBS as string ' variable holding who we are sending to
Var FolderToCheck as String ' Var holding pathfolder to check
Var MovtoFolder as String ' Var holding pathfolder to move files to
BEGIN
' *****Define the variable BBS that we will use *****

TNC = "$KPC-3" ' use this TNC for all runs. This
' TNC must be set up in Outpost first
'
BBS = "$ARES" ' name of the bbs you are sending the message to
MYCALL = "$kg6sjt" ' Your call sign
'
RETRIEVE = "$F" ' GEt mail addressed to you and bulletins
SendtoAddress = "$WU6X" ' Call of the station you are sending to
```
Select and Fill in FLmsg Form

ICS-205A report  
file: KG6SJ-4.25A.txt

**Incident**

- **Incident Name:** Placer multi-Couty ARES Exercise
- **From date:** 2014-03-19
- **From time:** 0703L
- **To date:** 2014-03-19
- **To time:** 1030L

**Basic Info**

- **Prepared by:** greg
- **Position:** DEC
- **Date/Time:** 0730L

**Assignment**

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Name</th>
<th>Method of Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placer EC</td>
<td>Chuck KG6FFK</td>
<td>Phone</td>
</tr>
<tr>
<td>Section EC</td>
<td>Frank N6SNO</td>
<td>phone</td>
</tr>
<tr>
<td>Sacramento Ec</td>
<td>John, KI6ZWW</td>
<td>Phone &amp; Radio</td>
</tr>
</tbody>
</table>
Save New Form to Folder
Run your Outpost Script

The script will check for a form file and create a new message to send.

```
<flmsg>1.1.35AHJHDR_HDR:22 0kg6sjt 2014110416270320<ics205a>0:inc:32 Placer multi-Couty ARES Exercise0:dfm:10 2014-03-190:tfm:5 0703LD:dto:10 2014-03-190
tto:5 103OLP:pr:4 gregO:pos:3 DECO:dfm:5 0730LD:asg[0]:9 Placer ECO:nam[0]:13 Chuck KG6FFK:inf[0]:5 PhoneO:asg[1]:10 Section ECO:nam[1]:11 Frank N6SHO
```
Receiving Station Saves Message

➤ Go to FLmsg and open the file you just received.
Recreate the Form in FLmsg

Enter file and view as HTML Delivery.

The file is ready for printing and delivery.