

LAWRENCE LIVERMORE NATIONAL LABORATORY

NNPP Training - Customer Support Material

C. Gellner, J. Greenfield, L. Placeres

January 24, 2011

Disclaimer

This document was prepared as an account of work sponsored by an agency of the United States government. Neither the United States government nor Lawrence Livermore National Security, LLC, nor any of their employees makes any warranty, expressed or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States government or Lawrence Livermore National Security, LLC. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States government or Lawrence Livermore National Security, LLC, and shall not be used for advertising or product endorsement purposes.

This work performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344.

NNPP Training Customer Support Material

NARAC

Lawrence Livermore National Laboratory

Livermore, CA 94551

January 25-27, 2011

This work performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344

Internet Failure

Communications with NARAC Options and failover Checklist



Option A Primary (Default): iClient over Internet on NARAC PC

iClient Settings:

To maximize the iClient for Internet options be sure the System Preferences, Services option, Network Connection combination box is set to 'Cable/DSL'. See Image Below:

iClient Options and Preference	ces	
NARAC Database Services Plugins ⊕ User	Internet Connection Network Connection Remote Services Directory Service Image Generation Service Knobs Service Update Service Met Service Notification Service Email Outgoing Email Server Diagnostics Debug Service	Cable/DSL https://haracwsx2.llnl.gov/Narac/WS/services/Folders https://haracwsx2.llnl.gov/Narac/WS/services/ImageGen https://haracwsx2.llnl.gov/Narac/WS/services/Mobs https://haracwsx2.llnl.gov/Narac/WS/services/Update https://haracwsx2.llnl.gov/Narac/WS/services/Motify https://naracwsx2.llnl.gov/Narac/WS/services/Notify smtp.foo.goo Enabled
Use Default Settings		Apply Close

Option B Secondary: iClient over Dialup on NARAC PC

If you lose Internet connectivity follow the following steps to get the iClient up and running:

iClient Settings:

To improve the iClient operation over a dialup modem edit the System Preferences, Services option Network Connection combination box to '56k Modem' (alternatively 28k Modem for very poor connections). See Image Below:

🤌 iClient Options and Preference	es			×
NARAC Database Services Plugins ⊕ Gailer	Internet Connection Network Connection Remote Services Directory Service Image Generation Service Knobs Service Update Service Met Service Notification Service Email Outgoing Email Server Diagnostics Debug Service	56K Modem Lan/T1 Cable/DSL 56K Modem 28K Modem VVireless (3G) VVireless (2kbps) https://naracwsx2.lln https://naracwsx2.lln https://naracwsx2.lln smtp.foo.goo Enabled	gov/NaracWS/services/Folders .gov/NaracWS/services/ImageGen .gov/NaracWS/services/Knobs I.gov/NaracWS/services/Update I.gov/NaracWS/services/Met I.gov/NaracWS/services/Notify	
Use Default Settings			Apply Clos	e

Double-click on the "Dial NARAC" shortcut on the desktop.

PC Schedule Task Changes:

If you are going to use dialup connection for an event or exercise it is important to make the following changes to the scheduled tasks on your PC. If not, the dialup connection will be interrupted every time a new meteorological data message is sent to NARAC. See Image Below.

- From the start menu select Settings -> Control Panel
- From the Control Panel select Scheduled Tasks
- Right-click on the "Datasend" task and select 'Properties'
- Unclick the "Enable" checkbox.

This will temporarily disable sending meteorological data to NARAC. For a short exercise it will not be a problem, however, if this will be disabled for some time you must notify NARAC Customer Support so that NARAC can collect your tower data.

🖆 Scheduled Tasks				
File Edit View Favorites Tools	Advanced H	elp		
🔇 Back 🔹 🕥 🕤 🏂 🔎	Search 🔀 Fold	ders 🕼 🎯 🗙 🍤 🛄-		
Address 🙆 Scheduled Tasks				💌 🄁 Go
Name 🔺	Schedule		Next Run Time	Last Run Time
Add Scheduled Task bootcheck connectioncheck datacheck datacheck datacheck datacheck monthlycheck Solvorton Internet Security - Run Full weeklycheck	Run at syst Disabled Every 15 mi Disabled Task Schedu Task Schedu Run: Start in: Comments: Run as: Run as:	em startup nute(s) from 7:20 PM for 24 hour(s) every day, s and_sandia le Settings INDOW/S\Tasks\datasend_arac_and_sandia.job C:\Narac\siteutil\datasend_arac_and_sandia.bat Brow C:\Narac\siteutil INARAC\arac Set password logged on cheduled task runs at specified time) OK Cancel .	At system startup Disabled 6:20:00 PM 4/27/2010 Disabled 1 5/3/2010 1 5/2/2010	3:22:18 AM 4/15/: 6:25:00 PM 2/8/2(6:09:00 PM 2/8/2(6:15:14 PM 4/27/: 8:15:38 PM 1/11/: 12:00:00 PM 2/1/: 8:00:00 PM 4/26/: 9:00:00 PM 4/25/:
<		111		>

Important: When internet connection is restored, return the iClient System Preferences and Scheduled Tasks to the previous settings. Call NARAC Customer Support at 925-422-9159.

Option C First Alternate: NARAC Web on NARAC PC (internet or dialup)

If the iClient will not function for an exercise or event call NARAC on the emergency number and bring up NARAC Web in a web browser (go to https://naracweb.llnl.gov/web/signIn.html)

NARAC Web has all the capabilities for submitting runs to NARAC as the iClient (all the NNPP scenarios and site maps). However, measurements can only be added to a Web-created event using the preformatted spreadsheet file.

Option D Second Alternate: NARAC Web on another PC over internet

If the NARAC PC is down and will not function for an exercise or event call NARAC on the emergency number and bring up NARAC Web in a web browser on ANY other PC with external internet (go to https://naracweb.llnl.gov/web/signIn.html).

NARAC Web has all the capabilities for submitting runs to NARAC as the iClient (all the NNPP scenarios and site maps). However, measurements can only be added to a Web-created event using the preformatted spreadsheet file.

Option E Third Alternate: Call NARAC and provide information by phone

If the internet is completely unavailable, call NARAC at 925-422-9100. Be prepared to provide the same information to NARAC over the phone that you would normally provide via the iClient or NARAC web tools. NARAC Operations staff will do the calculation for you and fax the results to a number that you provide.

Clock Set Up

Right click on the clock in the lower right corner:



Select "Adjust Date/Time" from the menu:



On the Date and Time tab, set to GMT Standard time and date (not local time):

May 2010 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 .			
S M T W T F S 1 1 1 1 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	te lay	2010 🔹 · · ·	
1 · · · · · · · · · · · · · · · · · · ·	5 M	TWTFS	
2 3 4 5 6 7 8 9 10 11 12 13 14 15		1 .	4
9 10 11 12 13 14 15	23	4 5 6 7 8	
	9 10	11 12 13 14 15	•
16 17 18 19 20 21 22	.6 17	18 19 20 21 22	
23 24 25 26 27 28 29	23 24	25 26 27 28 29	
30 31 2:35:12 PM	30 31	2:35:12 PM	*
rrent time zone: GMT Daylight Time	ent time	zone: GMT Daylight Time	

To check this you can use: <u>http://www.worldtimeserver.com/current_time_in_UTC.aspx</u>

On the Time Zone tab, select (GMT) Greenwich Mean Time: Dublin, Edinburgh, Lisbon, London and uncheck box for "Automatically adjust clock for daylight savings changes":

Date and Tir	ne Proper	ties	2 🛛
Date & Time	Time Zone	Internet Time	
(GMT) Gree	nwich Mean '	Fime : Dublin, Edinburgh, Lisb	on, London 🛛 💌
	Same 1	* * *	1940 - S. S.
	2 All	a starter	
		A CONTY	St.
and the second	1		4.5
88 - L		7 8	Contra la
2) 2)			
Automati	cally adjust o	lock for daylight saying chan	
Racomaci	cany adjust t		
		OK Can	cel Apply

On the Internet Time tab, check the Automatically synchronize with Internet time server.



Press "Apply" if any changes were made.