



Translating a project from Hitachi series "E"
(includes: Reliance Shark X / Furnas 96M Series)
to Hitachi series EB/EC/EM/EMII using **ActSip-E**.

You can be in different starting positions:

A - The project is on the computers disk

Load the project from the disk
with "Files-Load project"
Continue with the printout of cross-reference below

B - Project is in the PLC system

Select PLC type Series E2
Fetch the project to the computer with the menu selection
"Communication-From PLC"
Save the project on disk with "Files-Save project"

Print a cross-reference list for later use with
"Printout-Cross reference".

Now select new PLC type in "Setup-PLC" (either type EB, EC, EM, EM2 or EM3).

NOTE: If you are using an early version of ActSip-E - (this includes Reliance Electric Sharp Programming Executive (SPX) as well as Furnas Electric MacLola Programming Software) and you do not see the new upgrade PLC listed, you can try using:

45C901 Reliance (Hitachi CPM-E2 processor for the EMII series), or
96MPR02 Furnas (Hitachi CPM-E2 processor for the EMII series).

If this does not provide satisfactory results, you will have to do the I/O reallocation manually (hand-held programmer), or upgrade to the current version ActSip-E software.

Now do the given moves specified below with the menu selection "Allocation-Move". NOTE: First number is "From:" and second digit (after the arrow) is the "To:" and the last number is the "Count:".

Please note that the order that you do these moves is important! They should be performed in the same order as given here.

Always do the following moves:

584->960,8
965->969,1
320->700,250 (On the CPM-E3 move on 240 because of the real time clock.)
160->400,128

If an EZ expansion module is used:

128->300,24
120->140,8
100->120,16
80->100,16

If the old system uses POJ or PIJ modules, do the following:

If the position is an	POJ-module	PIJ-module
8e:	150->368,8	150->168,8
7e:	140->360,8	140->160,8
6e:	130->348,8	130->148,8
5e:	120->340,8	120->140,8
4e:	110->328,8	110->128,8
3e:	100->320,8	100->120,8
2e:	90->308,8	90->108,8
1a:	80->300,8	80->100,8

Then always do the following move:

48->200,24

Now all the addresses has been moved to EM/EB/EC addresses.
Save the project under a new name and print the cross-reference list
and compare it to the original cross reference list printed above.

NOTE: If the project contains FUN30-FUN39 these must be translated manually.
To check for other problems do a "Program-Syntax check".

Now the project is translated. Remember to save this file (with a new file
name) on your computer hard drive or floppy.

For further assistance, please contact your Actron Programming Software
Distributor. For a list of the closest distributors, visit:
<http://www.actwin.se/distributors.htm>