Can't enter transport if transport has G state (Go to)

Using Gtk 3 client. Setup: A transport has 0 moves left and is in the G state (goto with moves left to go). Can't use Go to to enter the transport.

(I don't know if this is client specific).

Freeciv version 2.5.6 gui-gtk-3.0 (debian)
- Status changed from New to Resolved
- Sprint/Milestone set to 2.6.4

#8 - 2021-03-08 04:26 AM - Marko Lindqvist
- Sprint/Milestone changed from 2.6.4 to 2.6.5

#9 - 2021-04-02 01:58 PM - Marko Lindqvist
- Status changed from Resolved to Closed
- Assignee set to Marko Lindqvist

#10 - 2021-04-02 02:51 PM - Christian Knoke
Hello,

not sure this is the right fix.

Bug #647612: Can't enter transport if transport has G state (Go to)

the original code blocked the GoTo, if the unit sent wouldn't reach its target in one (this) turn, so to avoid a GoTo command to a target which most probably did not exist any more, when the target eventually would reach it. (Or even worse, another ship is laying there).

GoTo can be used, still, when you reach the ship/target in the same turn, but this is rarely true with using pontons.

Regards,

Christian

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#11 - 2021-04-02 03:29 PM - Marko Lindqvist
Sigh. Ticket has been open for four years, and a patch in review for a month, and still we get comments only (immediately) after it has been pushed in. Not to blame anyone, I myself often miss the review and see things only after they have already gone in, but this one was a bit frustrating.

Well, the old code did not allow entering transport that has GoTo status with GoTo even on the same turn. Reproducing that was the first thing I did when I started working on the patch.

You may have a valid point of multi-turn goto behaving worse with this patch than before. Needs testing of different scenarios. OTOH it should be obvious to the user that attempt to load unit to a transport that will move away before it will fail. Remember that we talk about the transport being the final destination of the goto, not some longer route being planned through it.

#12 - 2021-04-02 03:37 PM - bluss contributor
Hey Marko, thanks a lot for fixing the bug I reported :)

#13 - 2021-04-02 05:17 PM - Marko Lindqvist
Marko Lindqvist wrote:

You may have a valid point of multi-turn goto behaving worse with this patch than before.

Tested it, and yes, it's now possible to request multi-turn goto to enter transport despite it certainly failing as transport will move away. Open a new ticket about that if you see that as a problem.

In any case I see the problem that has been fixed more important one than the regressions caused (so should not revert this), as some people, especially in UIs geared towards it, like to consistently do all the unit movement with goto. It should be possible to do the loading to transport in adjacent tile with goto.

Files

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