



*Inter Partes* Review of  
U.S. Patent No. 7,268,703  
Case IPR2017-00946

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FLIR Systems, Inc. and FLIR Maritime US, Inc.  
(f/k/a Raymarine, Inc.),  
Petitioner

v.

Garmin Switzerland GmbH,  
Patent Owner

# Overview

- (1) Claim limitation of “re-routing the course”
  - Garmin’s proposed construction is supported by the ’703 Patent
  - FLIR construes “re-routing” synonymously with “routing”
  - Independent claims 1, 12, 20, and 27 recite “re-routing the course”
  - de Jong teaches successively eliminating routes, which is a teaching of re-routing a previously calculated course
- (2) Claim limitation of re-routing the “course”
  - A POSITA would understand the ’703 Patent as using “course” to mean track, i.e., “the path of intended travel”
  - FLIR disputes Garmin’s construction for “course” but does not provide an alternative construction
  - de Jong does not teach re-routing a “course,” as properly construed
- (3) Claim limitation of “avoiding preselected conditions”
  - de Jong expressly teaches routes that *encounter* at least some of the mapped preselected conditions
  - The claims should be properly construed to require avoiding the preselected conditions received from the user

Patent Owner Response (POR), Paper 16 at 15-16, 7, 29, 24, 51, 49, 39, 44;

# Claim 1 of the '703 Patent

1. A method for marine navigation, comprising:  
receiving one or more preselected conditions from  
identifying a potential waypoint; and  
performing a marine route calculation algorithm to  
a course between a first location and the po  
waypoint avoiding the preselected conditions,  
ing analyzing cartographic data between the fir  
tion and the potential waypoint and re-routi  
course to avoid the preselected conditions by ic  
ing one or more non-user selected waypoints.

EX\_1001, '703 Patent

“RE-ROUTE [RE-ROUTING]  
THE COURSE”

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# Parties' Proposed Constructions for "Re-Route [Re-Routing] the Course"

Garmin's Proposed Construction:

"to change at least a portion of the route of the course relative to a previous

Claimed Re-Routing Step with Garmin's Proposed Construction:

[changing at least a portion of the route of the course relative to a previous  
avoid the preselected conditions by identifying one or more non-user select

FLIR's Proposed Construction:

"Accordingly, the Board should ... instead construe 're-routing,' consistently  
and ordinary meaning, so that it does not require multiple instances of 'route

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