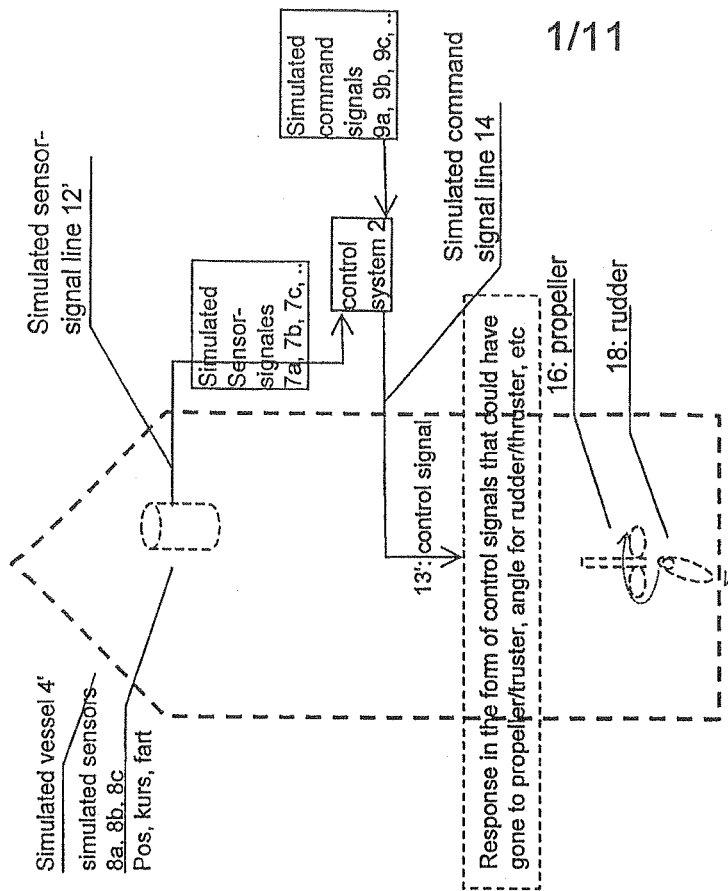




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Fig. 2
Known art:
F.A.T

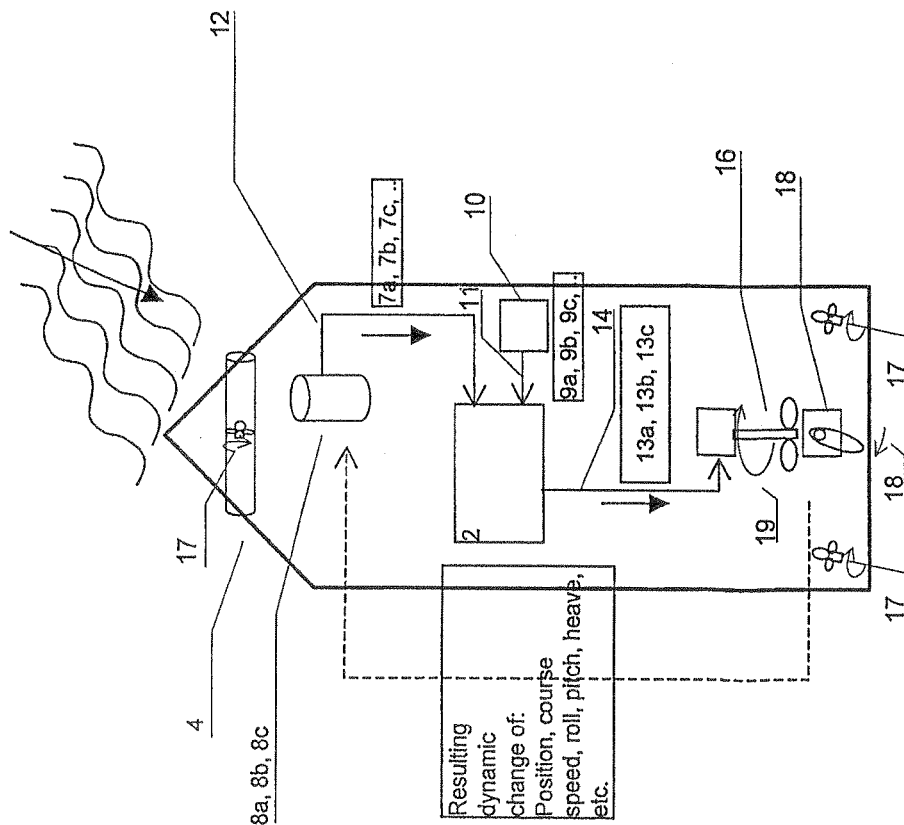


Fig. 1
Known art



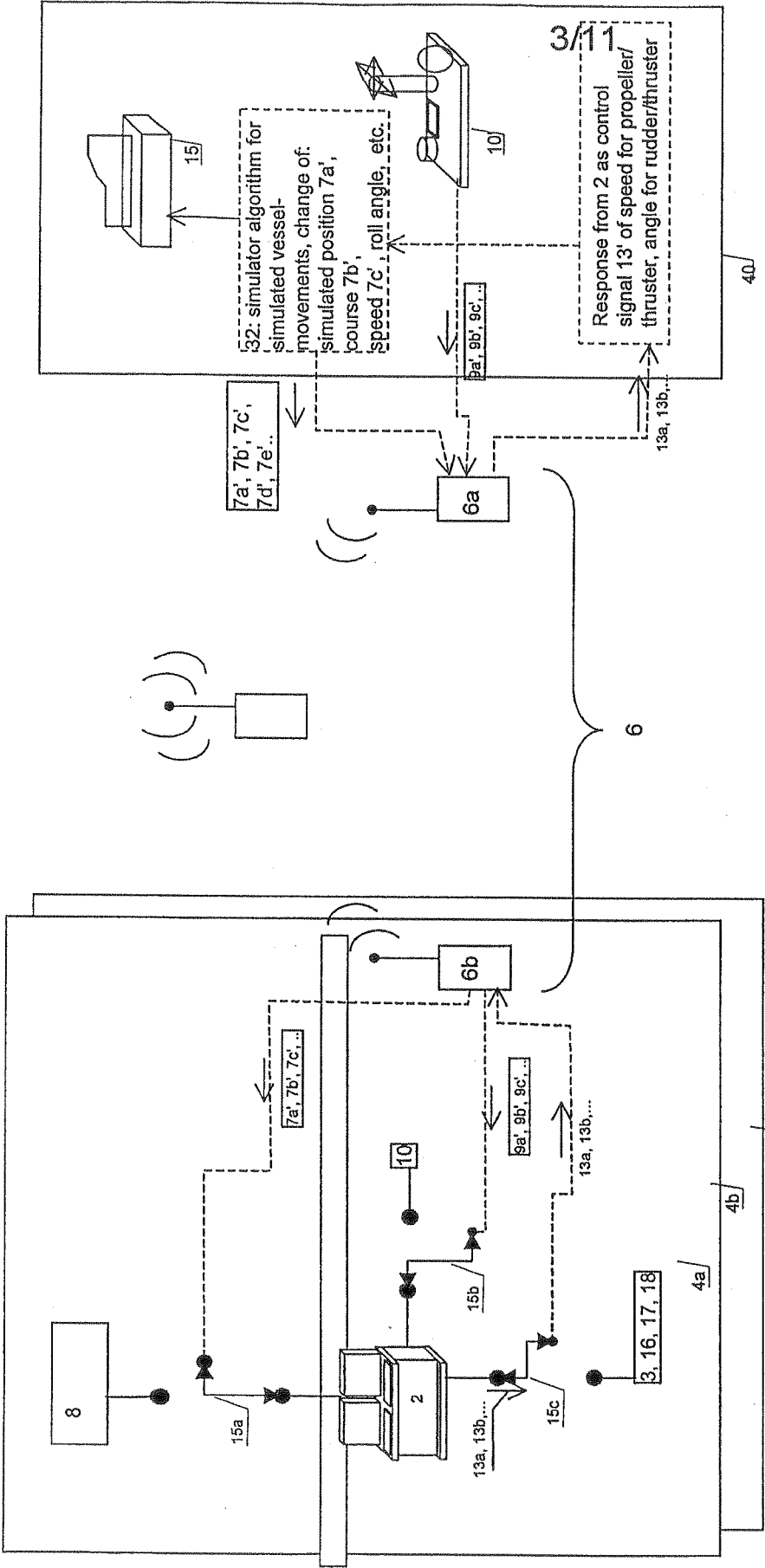
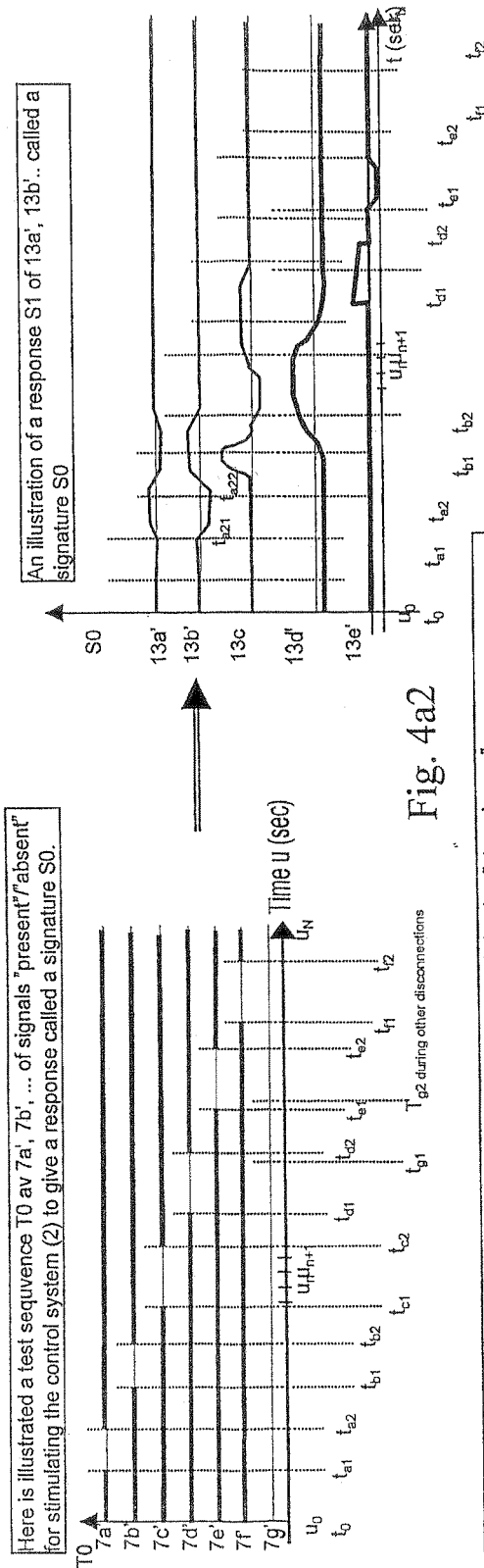
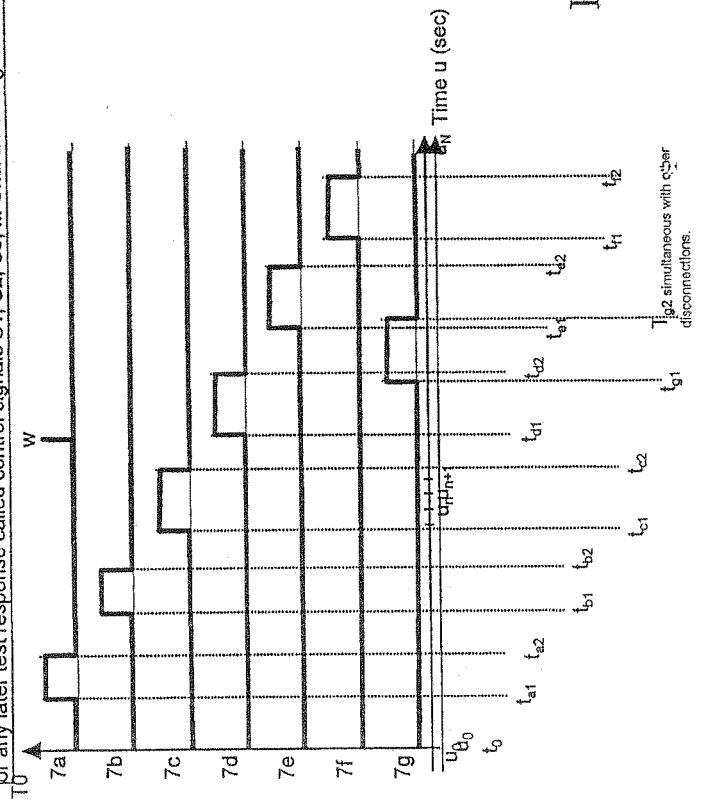


Fig. 4a1



Illustrated test sequence T0 av 7a', 7b', ... of simulated test signals having "step change"
For stimulating the control system to give a response called the control system's (2) control signals signature S0
for any later test response called control signals S1, S2, S3, ... Until a new signature S0 is established.



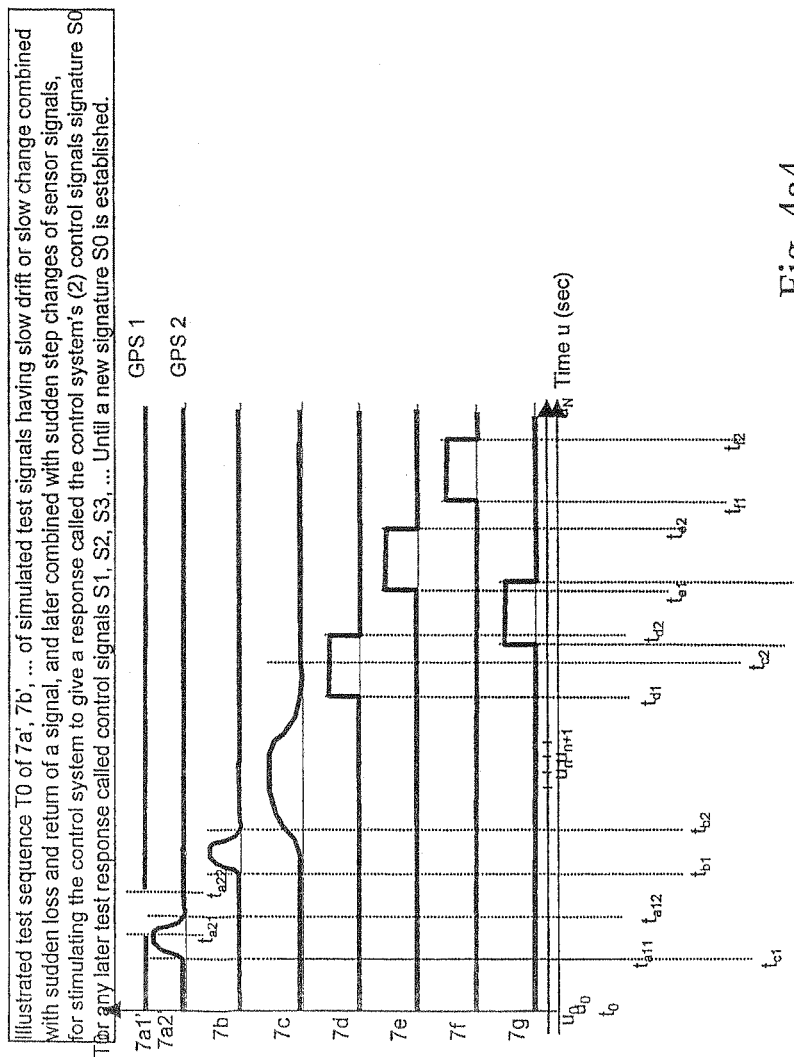


Fig. 4a4

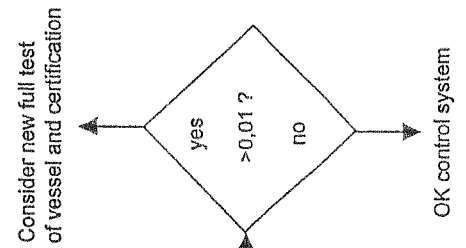
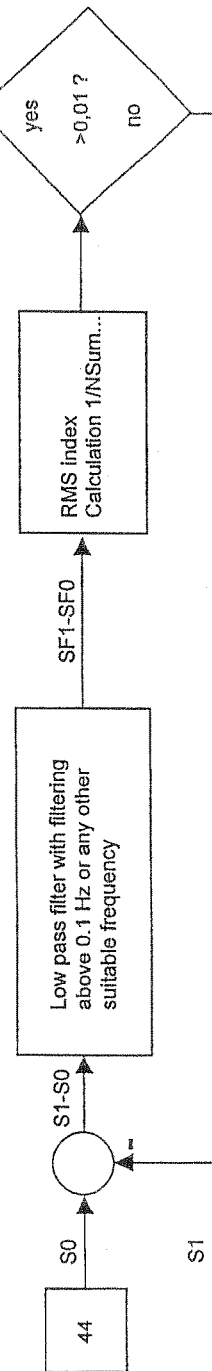


Fig. 4a5



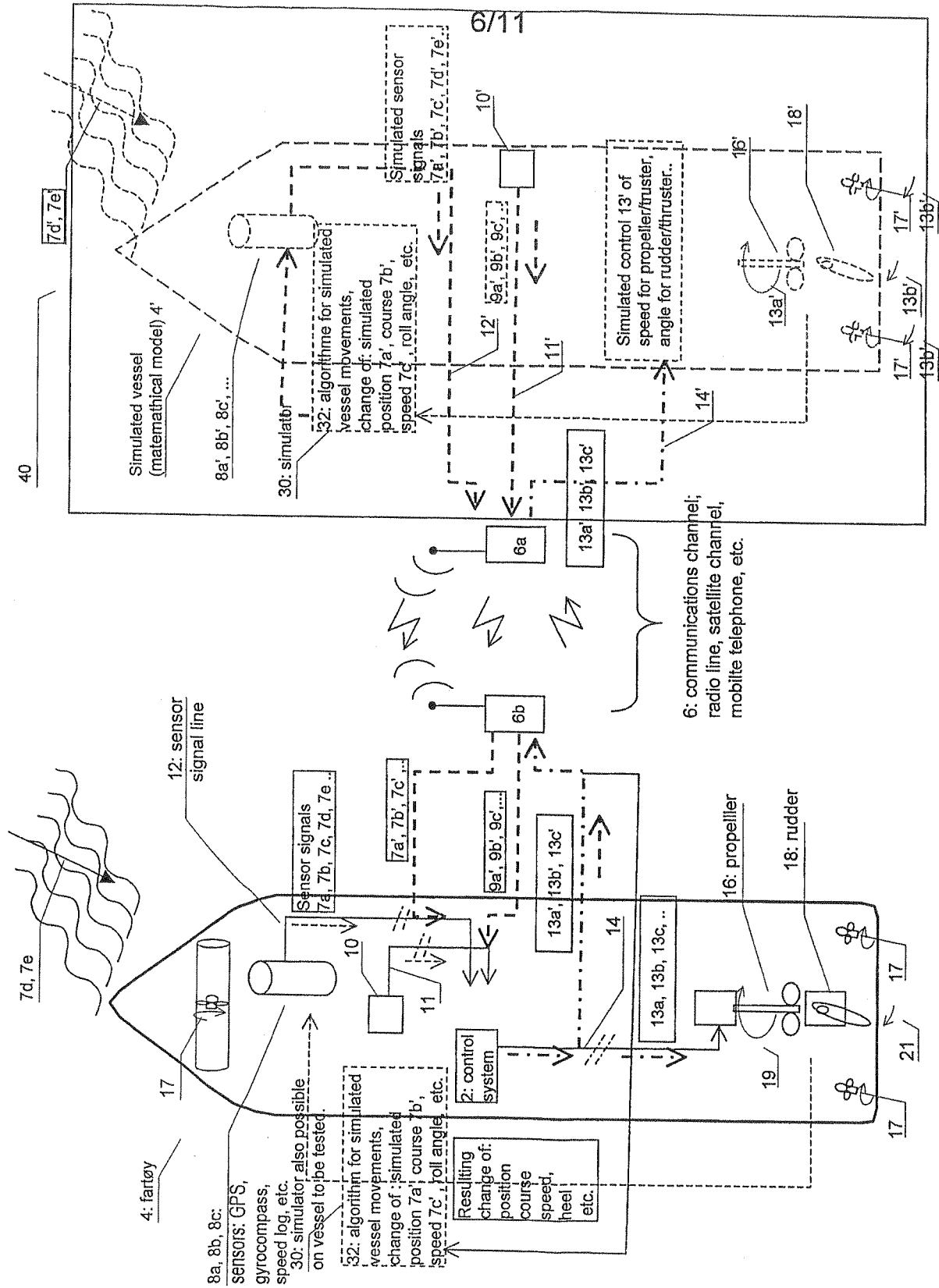
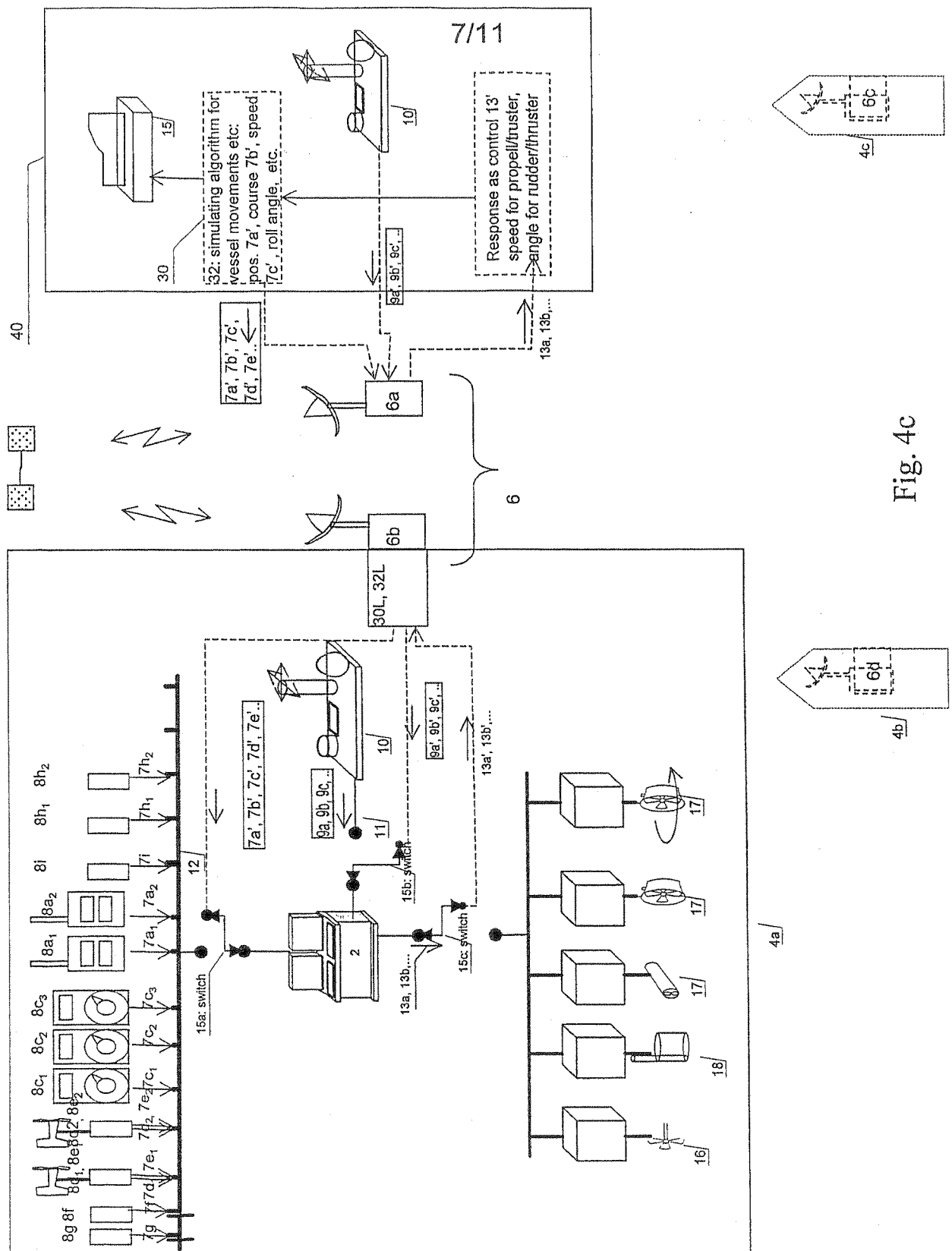


Fig. 4b



Li. 5. 4c

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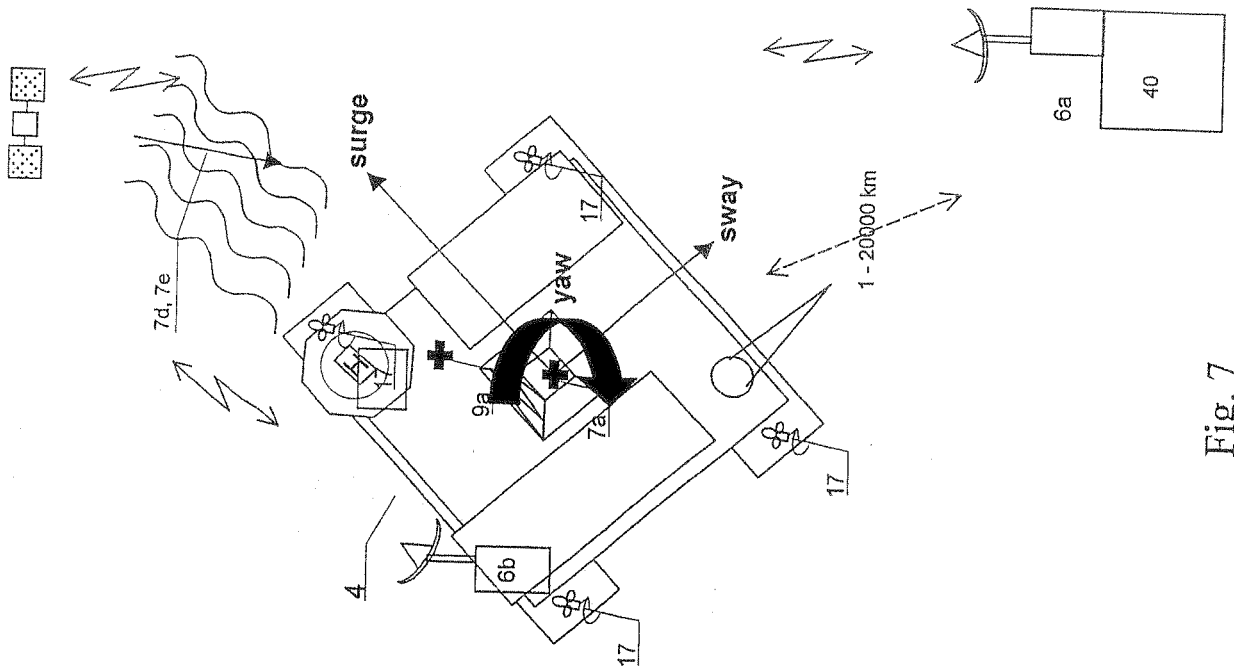


Fig. 7

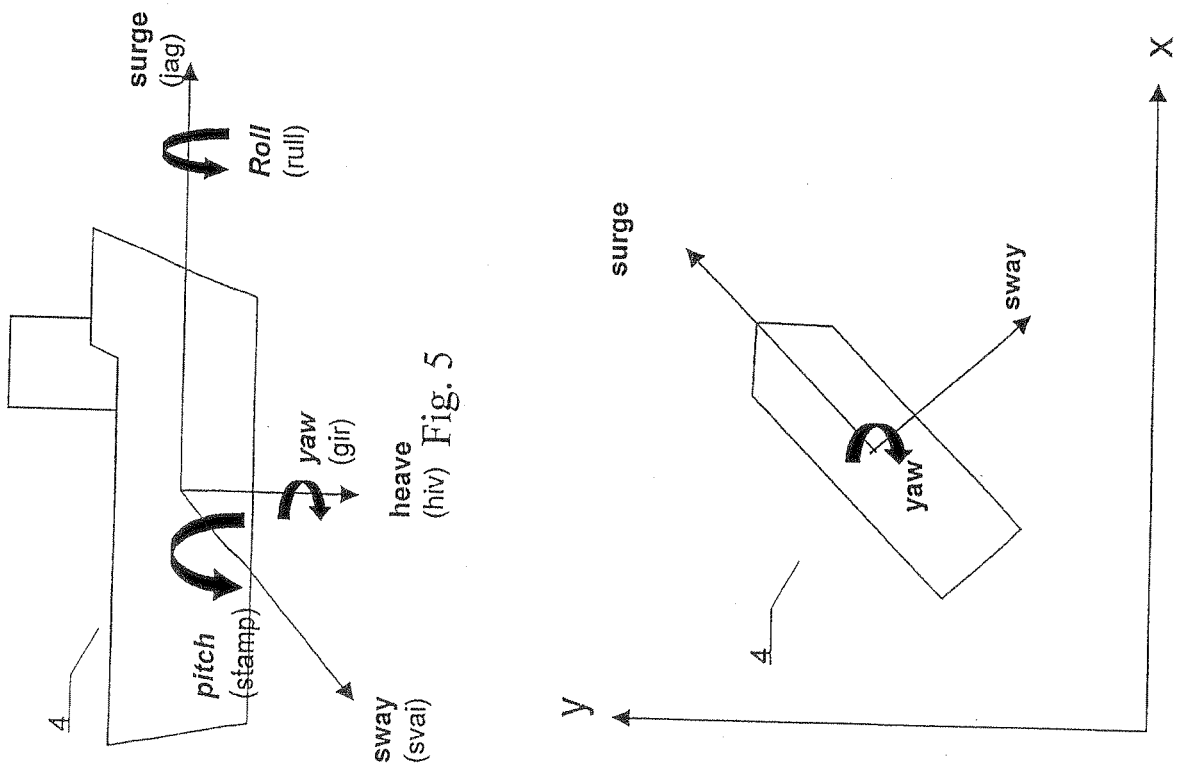


Fig. 6

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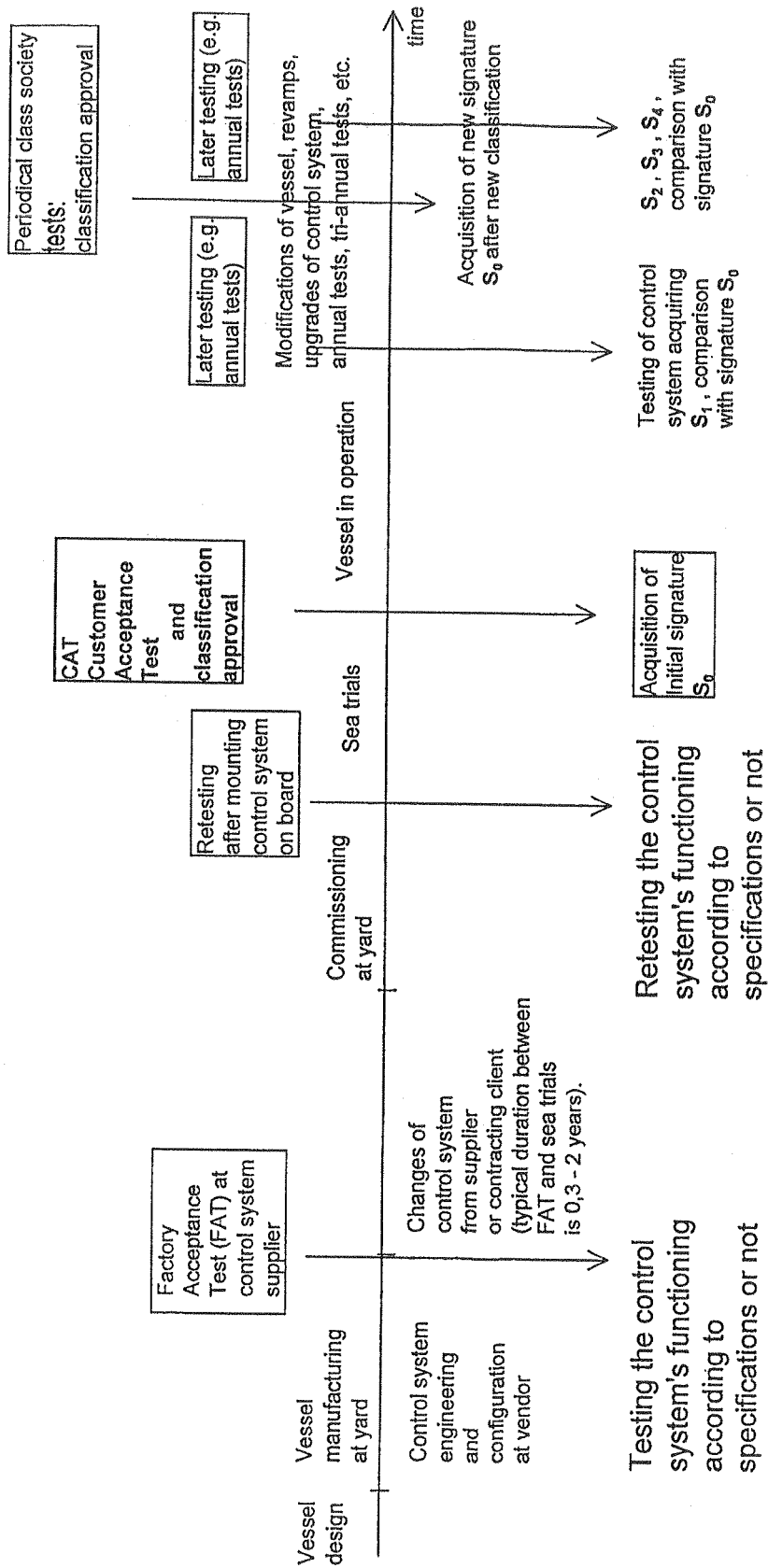


Fig. 8

testing of control system during planning, construction, commissioning, sea trials, and operation of vessel.

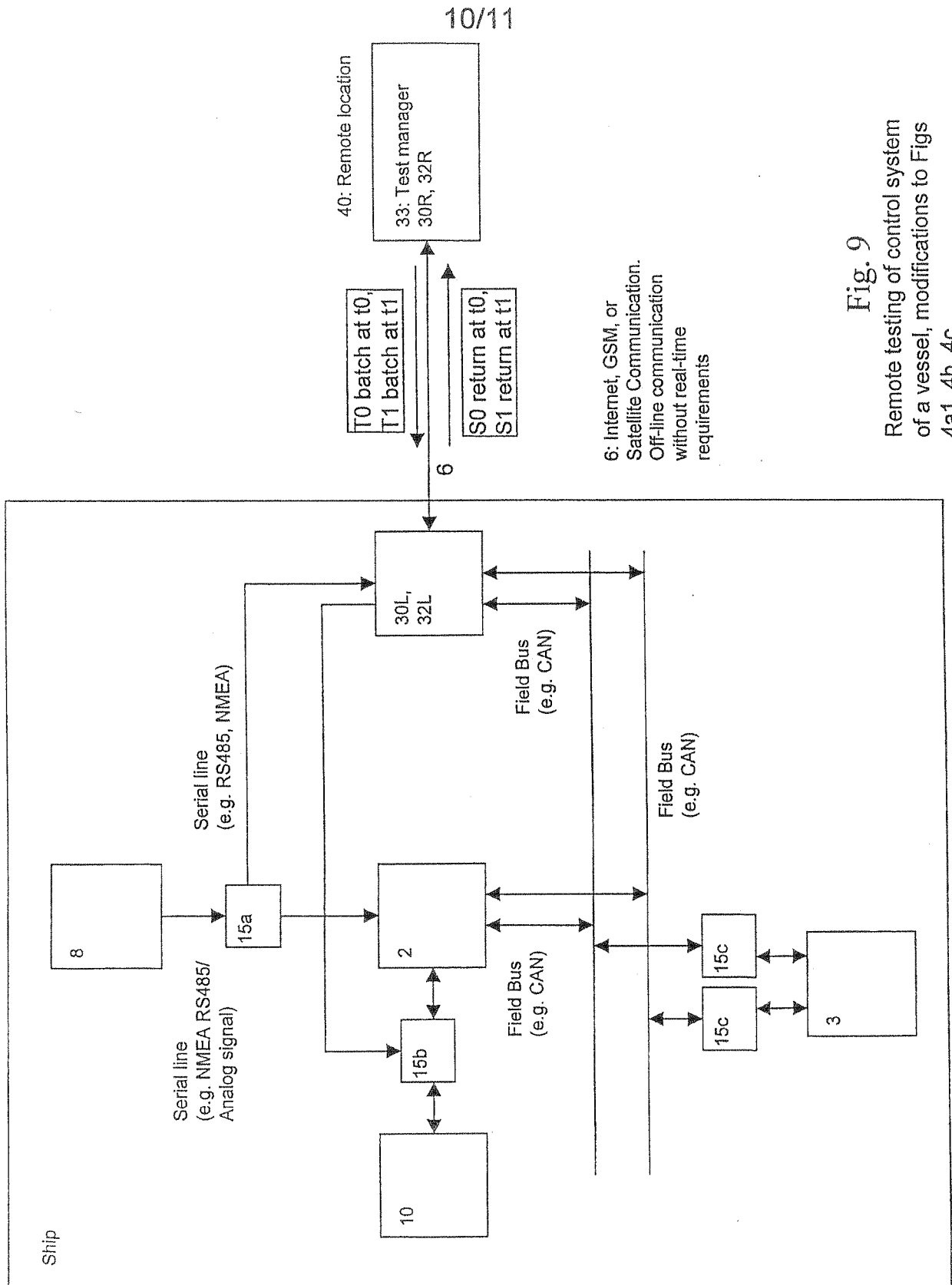


Fig. 9
Remote testing of control system
of a vessel, modifications to Figs
4a1, 4b, 4c.

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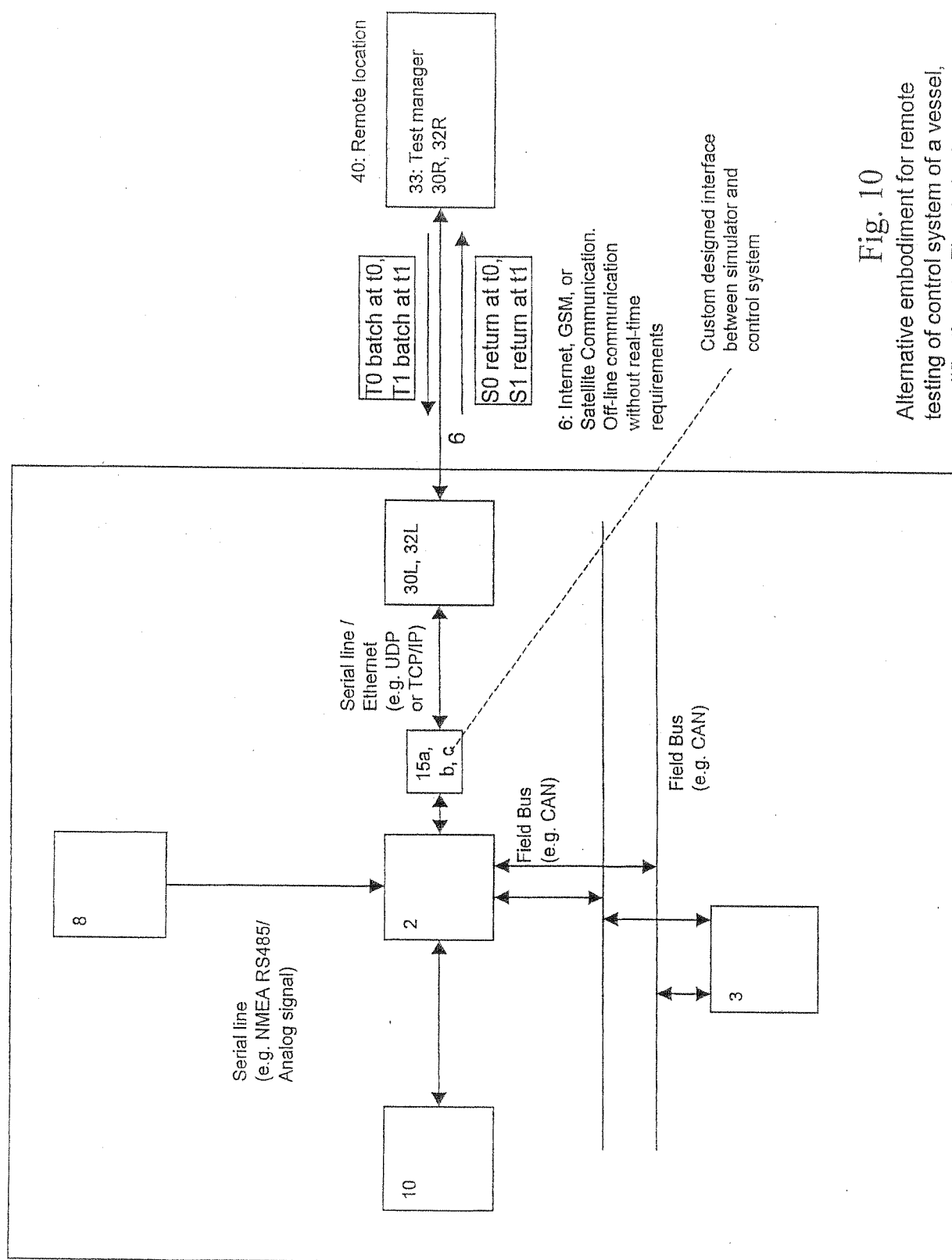


Fig. 10

Alternative embodiment for remote testing of control system of a vessel, modifications to Figs 4a1, 4b, 4c.