

CASE: An Independent Opinion

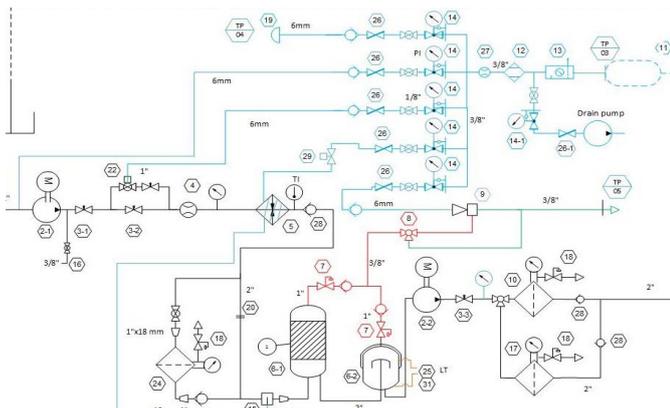
Unbiased diagnosis and consultancy

A world leading company in the safety marine industry needed a third party troubleshooting to avoid a biased recommendation for added purchase by the supplier. Ocean Team Group of Companies (OTG) documented a second opinion to the customer as specialists in hydraulics for more than 30 years.

Problem

Our client started up a year-long development project with an international supplier: hydraulic management of automated launch systems. The newly developed equipment was planned to differentiate the customer's range of services. Testing the equipment on arrival, it failed – and that with negative consequences for the client's competitive strategy.

A conflict of interest occurred between the client and their supplier. OTG was invited in, filling a mentor role. As such, OTG was granted access to P&ID's, component descriptions, and access to the physical system.



▲ Excerpt of technical diagram

Client's Solution

Using OTG in-house experience, +32 years of specialized knowledge allowed trouble shooting based on reading technical diagrams, symbol comprehension, and know-how on flow directions. OTG in-house experts read the system construction, analyzed its functions and recorded system deviations. Amongst the findings were inappropriate component selections: Some were too sensitive and expensive relative to their desired function, and some components were wrongfully chosen.

Client's Result

The collection of the independent second opinion from OTG resulted in an evaluation of the appropriate design of the system. In effect, OTG recommended a construction of the system ensuring optimized cost relative to safe and efficient operation.

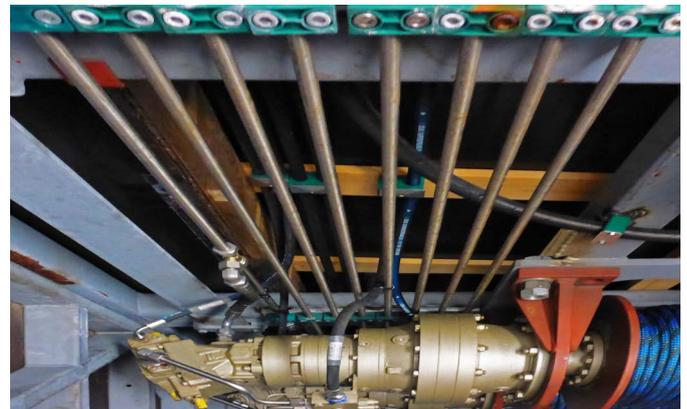


▲ Hydraulic motor for tensioning systems

The prototype was re-fitted to operate safely, while appropriate components will be used on future systems. The second opinion resulted in immediate operation of the system and a future optimized model, regarding both costs and operation to desired safety level.

Diagnosis and Consultancy

OTG experienced experts offer consultancy in the fields of engineering, commissioning, maintenance, and decommissioning of fluid transfer systems.



▲ Instrumentation of hydraulic system