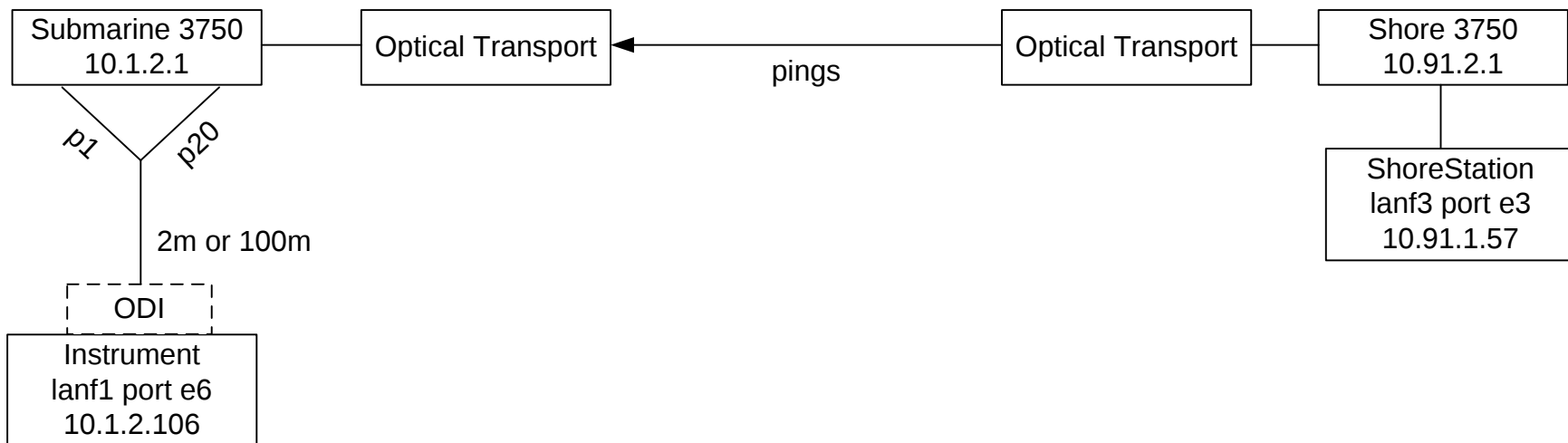




O03-Y: DCS Y CABLE

Perliminary Test:

pings were issued from the lanf3 shore simulator to the lanf1 instrument simulator

Control (Tare): test without Y cable:

Connect lanf1 directly to Port 1: to be completed

Connect 2 Y Cable plugs to router ports 1 and 20 then toggle router ports:

Turn Port 20 on and Port 1 off: pings start

Turn Port 20 off and Port 1 on: pings stop and then resume

TurnPort 20 on leave Port 1 on: pings terminate

Disconnecting Idle side of Y

active port goes down, then up. pings resume

Flood pings over 2m CAT5 no ODI connector

ping -f -s 10240: 249057 pings sent 248802 responses = 0.1% loss

Flood pings over 100m CAT5 cable plus ODI connector

ping -f -s 10240: 100964 pings sent 100855 responses = 0.1% loss

TESTS TO BE COMPLETED

Measure electrical properties of Ethernet Y cable and compare to specs

Run Lanforge testing software over Y cable

Run tests using CISCO BER software features

Span Y Cable over 2 switches