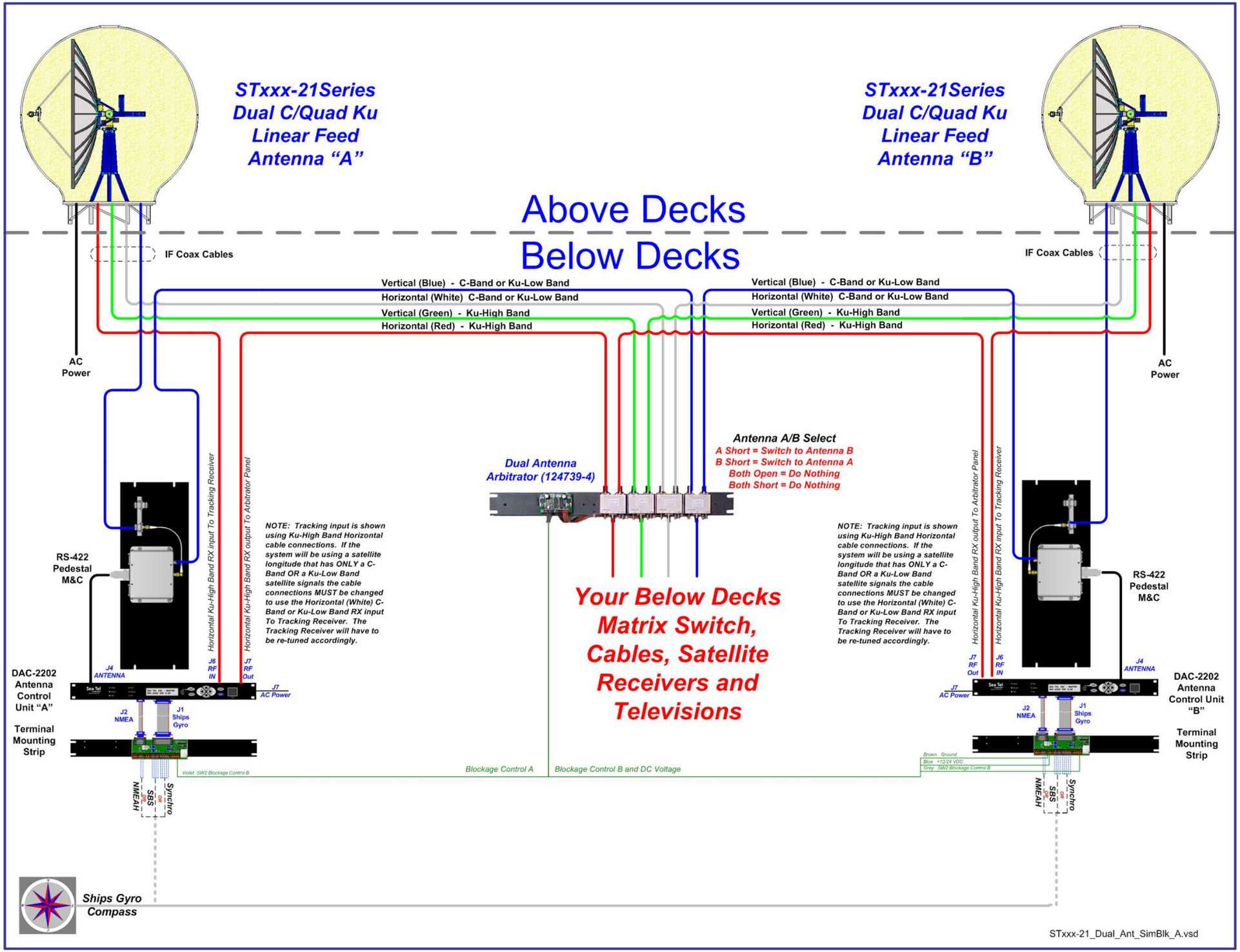
STxxx-21Series
Dual C/Quad Ku
Linear Feed
Antenna "A"
STxxx-21Series
Dual C/Quad Ku
Linear Feed
Antenna "B"
Above Decks
Below Decks
IF Coax Cables
IF Coax Cables
AC
Power
AC
Power
Vertical (Blue) - C-Band or Ku-Low Band
Horizontal (White) C-Band or Ku-Low Band
Vertical (Green) - Ku-High Band
Horizontal (Red) - Ku-High Band
Vertical (Blue) - C-Band or Ku-Low Band
Horizontal (White) C-Band or Ku-Low Band
Vertical (Green) - Ku-High Band
Horizontal (Red) - Ku-High Band
Antenna A/B Select
A Short = Switch to Antenna B
B Short = Switch to Antenna A
Both Open = Do Nothing
Both Short = Do Nothing
Dual Antenna
Arbitrator (124739-4)
Horizontal Ku-High Band RX input To Tracking Receiver
Horizontal Ku-High Band RX output To Arbitrator Panel
Horizontal Ku-High Band RX output To Arbitrator Panel
Horizontal Ku-High Band RX input To Tracking Receiver
NOTE: Tracking input is shown using Ku-High Band Horizontal cable connections. If the system will be using a satellite longitude that has ONLY a C-Band OR a Ku-Low Band satellite signals the cable connections MUST be changed to use the Horizontal (White) C-Band or Ku-Low Band RX input To Tracking Receiver. The Tracking Receiver will have to be re-tuned accordingly.
NOTE: Tracking input is shown using Ku-High Band Horizontal cable connections. If the system will be using a satellite longitude that has ONLY a C-Band OR a Ku-Low Band satellite signals the cable connections MUST be changed to use the Horizontal (White) C-Band or Ku-Low Band RX input To Tracking Receiver. The Tracking Receiver will have to be re-tuned accordingly.
Your Below Decks Matrix Switch, Cables, Satellite Receivers and Televisions
RS-422
Pedestal
M&C
RS-422
Pedestal
M&C
DAC-2202
Antenna
Control
Unit "A"
Terminal
Mounting
Strip
DAC-2202
Antenna
Control Unit
"B"
Terminal
Mounting
Strip
J4 ANTENNA
J6 RF IN
J7 RF Out
J7 AC Power
J2 NMEA
J1 Ships Gyro
Violet SW2 Blockage Control B
Blockage Control A
Blockage Control B and DC Voltage
Brown Ground
Blue +12/24 VDC
Gray SW2 Blockage Control B
NMEA
SBS
Synchro
Ships Gyro
Compass
STxxx-21_Dual_Ant_SimBlk_A.vsd