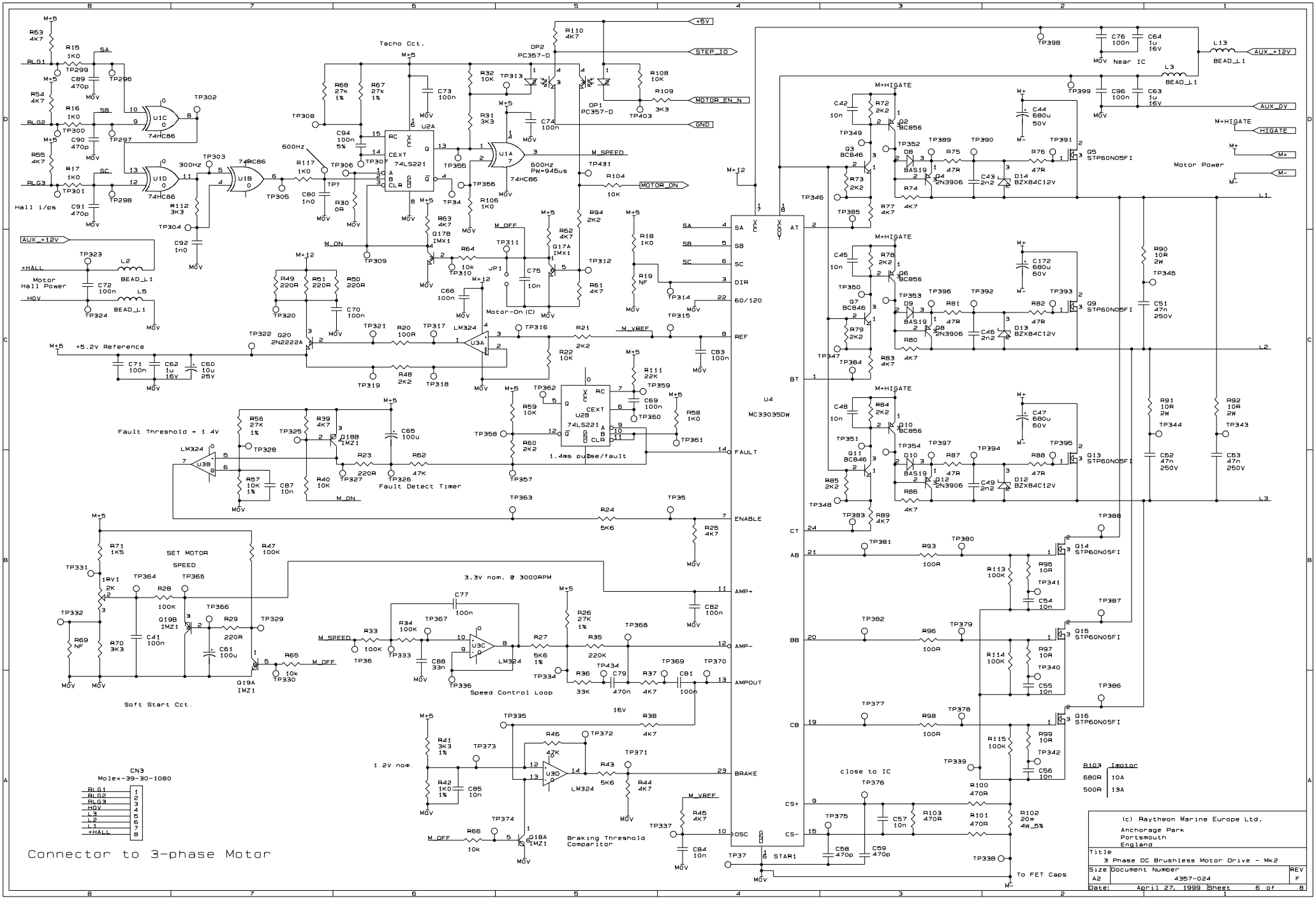
Tacho Cct.
Hall I/ps
Motor Hall Power
+5.2V Reference
Fault Threshold = 1.4V
Fault Detect Timer
1.4ms pulse/fault
Motor-On (C)
Soft Start Cct.
SET MOTOR SPEED
3.3V nom. @ 3000RPM
Speed Control Loop
1.2V nom.
Braking Threshold Comparitor
Motor Power
Near IC
close to IC
U4
MC33035DW
CN3
Molex-39-30-1080
Connector to 3-phase Motor
To FET Caps
(c) Raytheon Marine Europe Ltd.
Anchorage Park
Portsmouth
England
3 Phase DC Brushless Motor Drive - Mk2
A2
4357-024
F
April 27, 1999
6 of 8