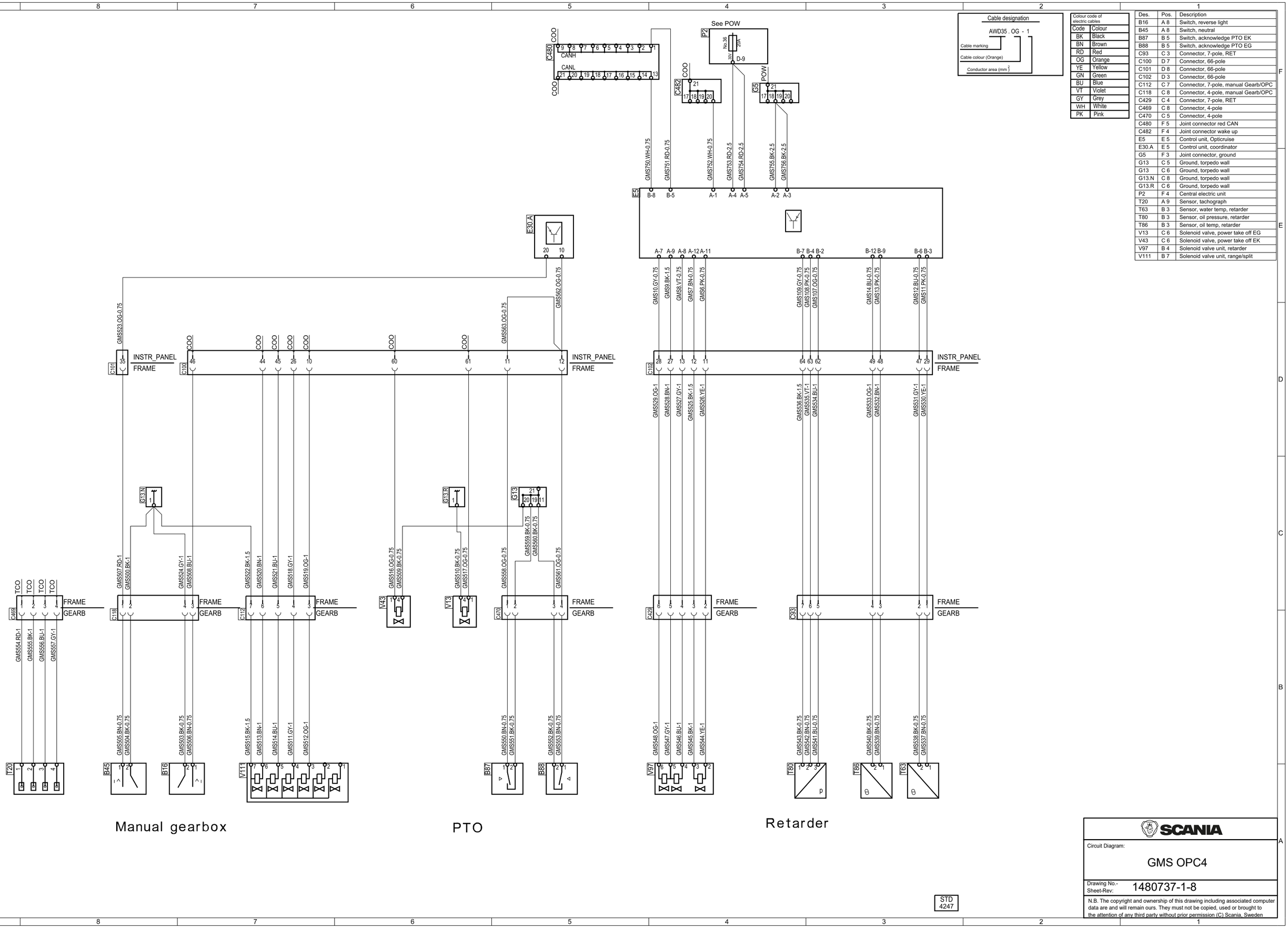
See POW
C480
CANH
CANL
C482
G5
POW
P2
No.36
20A
D-9
E5
E30.A
GMS750.WH-0.75
GMS751.RD-0.75
GMS752.WH-0.75
GMS753.RD-2.5
GMS754.RD-2.5
GMS755.BK-2.5
GMS756.BK-2.5
GMS562.OG-0.75
GMS563.OG-0.75
GMS523.OG-0.75
C101
INSTR_PANEL FRAME
C103
C102
GMS10.GY-0.75
GMS9.BK-1.5
GMS8.VT-0.75
GMS7.BN-0.75
GMS6.PK-0.75
GMS109.GY-0.75
GMS108.PK-0.75
GMS107.OG-0.75
GMS14.BU-0.75
GMS13.PK-0.75
GMS12.BU-0.75
GMS11.PK-0.75
GMS529.OG-1
GMS528.BN-1
GMS527.GY-1
GMS525.BK-1.5
GMS526.YE-1
GMS536.BK-1.5
GMS535.VT-1
GMS534.BU-1
GMS533.OG-1
GMS532.BN-1
GMS531.GY-1
GMS530.YE-1
G13.N
G13.R
G13
GMS559.BK-0.75
GMS560.BK-0.75
GMS516.OG-0.75
GMS509.BK-0.75
GMS510.BK-0.75
GMS517.OG-0.75
GMS558.OG-0.75
GMS561.OG-0.75
C469
C118
C112
C470
C429
C93
FRAME GEARB
GMS554.RD-1
GMS555.BK-1
GMS556.BU-1
GMS557.GY-1
GMS507.RD-1
GMS500.BK-1
GMS524.GY-1
GMS508.BU-1
GMS522.BK-1.5
GMS520.BN-1
GMS521.BU-1
GMS518.GY-1
GMS519.OG-1
GMS548.OG-1
GMS547.GY-1
GMS546.BU-1
GMS545.BK-1
GMS544.YE-1
GMS543.BK-0.75
GMS542.BN-0.75
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GMS538.BK-0.75
GMS537.BN-0.75
GMS505.BN-0.75
GMS504.BK-0.75
GMS503.BK-0.75
GMS506.BN-0.75
GMS515.BK-1.5
GMS513.BN-1
GMS514.BU-1
GMS511.GY-1
GMS512.OG-1
GMS550.BN-0.75
GMS551.BK-0.75
GMS552.BK-0.75
GMS553.BN-0.75
T20
B45
B16
V111
V43
V13
B87
B88
V97
T80
T86
T63
Manual gearbox
PTO
Retarder
Cable designation
AWD35 . OG - 1
Cable marking
Cable colour (Orange)
Conductor area (mm²)
Colour code of electric cables
Code | Colour
BK | Black
BN | Brown
RD | Red
OG | Orange
YE | Yellow
GN | Green
BU | Blue
VT | Violet
GY | Grey
WH | White
PK | Pink
Des. | Pos. | Description
B16 | A 8 | Switch, reverse light
B45 | A 8 | Switch, neutral
B87 | B 5 | Switch, acknowledge PTO EK
B88 | B 5 | Switch, acknowledge PTO EG
C93 | C 3 | Connector, 7-pole, RET
C100 | D 7 | Connector, 66-pole
C101 | D 8 | Connector, 66-pole
C102 | D 3 | Connector, 66-pole
C112 | C 7 | Connector, 7-pole, manual Gearb/OPC
C118 | C 8 | Connector, 4-pole, manual Gearb/OPC
C429 | C 4 | Connector, 7-pole, RET
C469 | C 8 | Connector, 4-pole
C470 | C 5 | Connector, 4-pole
C480 | F 5 | Joint connector red CAN
C482 | F 4 | Joint connector wake up
E5 | E 5 | Control unit, Opticruise
E30.A | E 5 | Control unit, coordinator
G5 | F 3 | Joint connector, ground
G13 | C 5 | Ground, torpedo wall
G13 | C 6 | Ground, torpedo wall
G13.N | C 8 | Ground, torpedo wall
G13.R | C 6 | Ground, torpedo wall
P2 | F 4 | Central electric unit
T20 | A 9 | Sensor, tachograph
T63 | B 3 | Sensor, water temp, retarder
T80 | B 3 | Sensor, oil pressure, retarder
T86 | B 3 | Sensor, oil temp, retarder
V13 | C 6 | Solenoid valve, power take off EG
V43 | C 6 | Solenoid valve, power take off EK
V97 | B 4 | Solenoid valve unit, retarder
V111 | B 7 | Solenoid valve unit, range/split
STD 4247
SCANIA
Circuit Diagram:
GMS OPC4
Drawing No.- 1480737-1-8
Sheet-Rev:
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