

DECODING CABVIEWCONTROLS 1.5.1

SOURCE\ORTS.FORMATS.MSTS\CABVIEWFILE.CS

```
CabViewControls (
    Name#1 (
        Name#2:Type ( Name#3 Name#4 )
        Name#2:Position ( pos.x pos.y scale.x scale.y )
        Name#2:Graphic ( filename.ace,dds )
        Name#2:Style ( Name#5: NEEDLE )
        Name#2:ScaleRange ( 0 160 )
        Name#2:ScalePos ( 214 146 )
        Name#2:Units ( Name#6: KM_PER_HOUR )
        Name#2:Pivot ( 44 )
        -||-
        Depend on control
    )
```

3D CAB OBJECT NAMES SPEEDOMETER:0:14:FONT
3D CAB OBJECT NAMES MAIN_RES:0
3D CAB OBJECT NAMES LINE_VOLTAGE:0:10:200

Name #1 STRINGS

DIAL
GAUGE
LEVER
TWOSTATE
TRISTATE
MULTISTATE
MULTISTATEDISPLAY
CABSIGNALDISPLAY
DIGITAL
COMBINEDCONTROL
FIREBOX
DIALCLOCK
DIGITALCLOCK
SCREENDISPLAY
ORTSANIMATEDDISPLAY

Name #2 STRINGS

ACCURACY
ACCURACYSWITCH
AREA
CONTROLCOLOUR
DECREASECOLOUR
DIRINCREASE
FUELCOAL
GRAPHIC
JUSTIFICATION
LEADINGZEROS
MOUSECONTROL
NEGATIVECOLOUR
ORIENTATION
ORTSANGLE
ORTSCABVIEWPOINT
ORTSCYCLETIME
ORTSDISPLAY
ORTSFONT
ORTSSCREENPAGE
PARAMETERS
PIVOT
DISABLEDIFCAB-POWER-
SUPPLYOFF
DISABLEDIFLOWVOLTAGE-
POWERSUPPLYOFF

Name #2 cont.

POSITION
POSITIVECOLOUR
SCALEPOS
SCALERANGE
STYLE
SWITCHVAL
TYPE
UNITS
ZEROPOS
Name #4
DIAL
GAUGE
LEVER
TWO_STATE
TRI_STATE
MULTI_STATE
MULTI_STATE_DISPLAY
CAB_SIGNAL_DISPLAY
DIGITAL
COMBINED_CONTROL
FIREBOX
DIAL_CLOCK
DIGITAL_CLOCK
SCREEN_DISPLAY
ORTS_ANIMATED_DISPLAY

Name #3 ENUMS

ACCELEROMETER
ALERTER_DISPLAY
AMMETER_ABS
AMMETER
ASPECT_DISPLAY
BELL
BLOWER
BOILER_WATER
BRAKE_CYL
BRAKE_PIPE
BRAKEMAN_BRAKE
CAB_RADIO
CLOCK
CP_HANDLE
CPH_DISPLAY
CUTOFF
CYL_COCKS
DAMPERS_BACK
DAMPERS_FRONT
DIRECTION_DISPLAY
DIRECTION
DOORS_DISPLAY
DYNAMIC_BRAKE_DISPLAY
DYNAMIC_BRAKE_FORCE
DYNAMIC_BRAKE
EMERGENCY_BRAKE
ENGINE_BRAKE
EQ_RES
EXTERNALWIPERS
FIREBOX
FIREHOLE
FRICTION_BRAKE
FRICTION BRAKING
FRONT_HLIGHT
FUEL_GAUGE
GEARS_DISPLAY
GEARS
HORN
LEFTDOOR
LINE_VOLTAGE
LOAD_METER
MAIN_RES_PIPE
MAIN_RES
MIRRORS
NEW IN 1.5
ORTS_DP_BRAKE
ORTS_DP_IDLE
ORTS_DP_LESS
ORTS_DP_MORE
ORTS_DP_MOVE_TO_BACK
ORTS_DP_MOVE_TO_FRONT
ORTS_DP_TRACTION

Name #3 cont.

ORTS_2DEXTERNALWIPERS
ORTS_BATTERY_SWITCH_COMMAND_BUTTON_CLOSE
ORTS_BATTERY_SWITCH_COMMAND_BUTTON_OPEN
ORTS_BATTERY_SWITCH_COMMAND_SWITCH
ORTS_BATTERY_SWITCH_ON
ORTS_BLOWDOWN_VALVE
ORTS_CABLIGHT
ORTS_CIRCUIT_BREAKER_AUTHORIZED
ORTS_CIRCUIT_BREAKER_CLOSED
ORTS_CIRCUIT_BREAKER_DRIVER_CLOSING_AUTHORIZATION
ORTS_CIRCUIT_BREAKER_DRIVER_CLOSING_ORDER
ORTS_CIRCUIT_BREAKER_DRIVER_OPENING_ORDER
ORTS_CIRCUIT_BREAKER_OPEN_AND_AUTHORIZED
ORTS_CIRCUIT_BREAKER_OPEN
ORTS_CIRCUIT_BREAKER_STATE
ORTS_CURRENT_CAB_IN_USE
ORTS_CYL_COMP
ORTS_DIESEL_TEMPERATURE
ORTS_DISTRIBUTED_POWER
ORTS_ELECTRIC_TRAIN_SUPPLY_COMMAND_SWITCH
ORTS_ELECTRIC_TRAIN_SUPPLY_ON
ORTS_EOT_ARM_TWO_WAY
ORTS_EOT_BRAKE_PIPE
ORTS_EOT_COMM_TEST
ORTS_EOT_DISARM
ORTS_EOT_EMERGENCY_BRAKE
ORTS_EOT_ID
ORTS_EOT_STATE_DISPLAY
ORTS_ETCS
ORTS_GENERIC_ITEM1
ORTS_GENERIC_ITEM2
ORTS_HELPERS_DIESEL_ENGINES
ORTS_HOUREDIAL
ORTS_ITEM1CONTINUOUS
ORTS_ITEM1TWOSTATE
ORTS_ITEM2CONTINUOUS
ORTS_ITEM2TWOSTATE
ORTS_LARGE_EJECTOR
ORTS_LEFTDOOR
ORTS_MASTER_KEY
ORTS_MINUTEDIAL
ORTS_MIRRORS
ORTS_ODOMETER
ORTS_ODOMETER_DIRECTION
ORTS_ODOMETER_RESET
ORTS_TRACTION_CUT_OFF_RELAY_AUTHORIZED
ORTS_TRACTION_CUT_OFF_RELAY_CLOSED
ORTS_TRACTION_CUT_OFF_RELAY_DRIVER_CLOSING_AUTHORIZATION
ORTS_TRACTION_CUT_OFF_RELAY_DRIVER_CLOSING_ORDER
ORTS_TRACTION_CUT_OFF_RELAY_DRIVER_OPENING_ORDER
ORTS_TRACTION_CUT_OFF_RELAY_OPEN_AND_AUTHORIZED
ORTS_SERVICE_RETENTION_BUTTON
ORTS_SERVICE_RETENTION_CANCELLATION_BUTTON

Name #3 cont.

ORTS_BAILOFF
ORTS_OIL_PRESSURE
ORTS_OTHER_CAB_IN_USE
ORTS_OVERCHARGE
ORTS_PANTOGRAPH3
ORTS_PANTOGRAPH4
ORTS_PLAYER_DIESEL_ENGINE_STARTER
ORTS_PLAYER_DIESEL_ENGINE_STATE
ORTS_PLAYER_DIESEL_ENGINE_STOPPER
ORTS_PLAYER_DIESEL_ENGINE
ORTS_QUICKRELEASE
ORTS_RIGHTDOOR
ORTS_SCREEN_SELECT
ORTS_SECONDDIAL
ORTS_SIGNED_TRACTION BRAKING
ORTS_SIGNED_TRACTION_TOTAL BRAKING
ORTS_STATIC_DISPLAY

ORTS_TCS1
ORTS_TCS2
ORTS_TCS3
ORTS_TCS4
ORTS_TCS5
ORTS_TCS6
ORTS_TCS7
ORTS_TCS8
ORTS_TCS9
ORTS_TCS10
ORTS_TCS11
ORTS_TCS12
ORTS_TCS13
ORTS_TCS14
//
ORTS_TCS48

ORTS_TRACTION_CUT_OFF_RELAY_OPEN
ORTS_TRACTION_CUT_OFF_RELAY_STATE
ORTS_WATER_SCOOP
OVERSPEED
PANTO_DISPLAY
PANTOGRAPH
PANTOGRAPH2
PANTOGRAPHS_4
PANTOGRAPHS_4C
PANTOGRAPHS_5
PENALTY_APP
REGULATOR
RESET
REVERSER_PLATE
RIGHTDOOR
RPM_2
RPM
SANDERS
SANDING
SMALL_EJECTOR
SPEED_PROJECTED
SPEEDLIM_DISPLAY
SPEEDLIMIT
SPEEDOMETER
STEAM_HEAT
STEAM_INJ1
STEAM_INJ2
STEAM_PR
STEAMCHEST_PR
STEAMHEAT_PRESSURE
TENDER_WATER
THROTTLE_DISPLAY
THROTTLE
TRACTION BRAKING
TRAIN_BRAKE
VACUUM_EXHAUSTER
VACUUM_RESERVOIR_PRESSURE
WATER_INJECTOR1
WATER_INJECTOR2
WHEELSLIP
WHISTLE
WIPERS

Name #5

ENUMS
NEEDLE
POINTER
SOLID
LIQUID
SPRUNG
NOT_SPRUNG
WHILE_PRESSED
PRESSED
ONOFF
_24HOUR
_12HOUR

Name #6

ENUMS
BAR
PSI
KILOPASCALS
KGS_PER_SQUARE_CM
AMPS
VOLTS
KILOVOLTS
KM_PER_HOUR
MILES_PER_HOUR
METRESpSECpSEC
METRES_SEC_SEC
KMpHOURpHOUR
KM_HOUR_HOUR
KMpHOURpSEC
KM_HOUR_SEC

#6 cont.

METRESpSECpHOUR
METRES_SEC_HOUR
MILES_HOUR_MIN
MILES_HOUR_HOUR
NEWTONS
KILO_NEWTONS
KILO_LBS
METRES_PER_SEC
LITRES
GALLONS
INCHES_OF_MERCURY
MILI_AMPS
RPM
LBS
KILOMETRES
METRES
MILES
FEET
YARDS

CONTROLS ATTRIBUTES

CabViewControls (
Name#1 (
Name#2

Name #1 STRINGS
GAUGE
FIREBOX
MULTISTATEDISPLAY
DIGITAL
DIGITALCLOCK
CABSIGNALDISPLAY
LEVER
TWOSTATE
TRISTATE
MULTISTATE
COMBINEDCONTROL
DIAL
ORTSANIMATEDDISPLAY
SCREENDISPLAY
DIALCLOCK

DIAL
TYPE
POSITION
SCALERANGE
GRAPHIC
STYLE
UNITS
PIVOT
DIRINCREASE
SCALEPOS
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

GAUGE
TYPE
POSITION
SCALERANGE
GRAPHIC
AREA
STYLE
UNITS
ZEROPOS
ORIENTATION
DIRINCREASE
POSITIVECOLOUR
CONTROLCOLOUR
SWITCHVAL
NEGATIVECOLOUR
DECREASECOLOUR
ORTSANGLE
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

ORTS
ANIMATED
DISPLAY
TYPE
POSITION
SCALERANGE
GRAPHIC
UNITS
ORTSCYCLETIME
STATES
STYLE
SWITCHVAL
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT

FIREBOX
FUELCOAL
+ ALL OF GAUGE ATTRIBUTES
MULTISTATE
DISPLAY
TYPE
POSITION
SCALERANGE
GRAPHIC
UNITS
STATES
STYLE
SWITCHVAL
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

SCREEN
DISPLAY
TYPE
POSITION
GRAPHIC
UNITS
PARAMETERS
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

DIGITAL
TYPE
POSITION
SCALERANGE
GRAPHIC
STYLE
UNITS
PLYOFF
LEADINGZEROS
ACCURACY
ACCURACYSWITCH
JUSTIFICATION
POSITIVECOLOUR
CONTROLCOLOUR
SWITCHVAL
NEGATIVECOLOUR
DECREASECOLOUR
ORTS_ODOMETER
ORTSFONT
ORTSANGLE
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

DIALCLOCK
HOURS
MINUTES
SECONDS

DIGITALCLOCK
TYPE
POSITION
SCALERANGE
GRAPHIC
STYLE
UNITS
PLYOFF
LEADINGZEROS
ACCURACY
ACCURACYSWITCH
JUSTIFICATION
POSITIVECOLOUR
CONTROLCOLOUR
SWITCHVAL
NEGATIVECOLOUR
DECREASECOLOUR
ORTSFONT
ORTSANGLE
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF

CABSIGNALDISPLAY
LEVER
TWOSTATE
TRISTATE
MULTISTATE
COMBINED
CONTROL
TYPE
POSITION
SCALERANGE
GRAPHIC
STYLE
UNITS
MOUSECONTROL
ORIENTATION
DIRINCREASE
NUMFRAMES
NUMPOSITIONS
NUMVALUES
ORTSDISPLAY
ORTSSCREENPAGE
ORTSCABVIEWPOINT
ORTSNEWSCREENPAGE
DISABLEDIFLOWVOLTAGE --
POWERSUPPLYOFF
DISABLEDIFCABPOWER --
SUPPLYOFF