Linus - Data Database Variables

Status Screen Variable	Description	How does variable get it's value?	UDP port	udptype	Run script with options:
COG	Course over ground	rmc_feeder.pl	55001	-	-
Depth12	Knudsen 12kHz Depth	depth_feeder.320BR.pl / depth_feeder.3260.pl	55603/55604	-	-
Depth35	Knudsen 3.5kHz Depth	depth_feeder.320BR.pl / depth_feeder.3260.pl	55603/55604	-	-
DTWP	Distance to waypoint	rmb_feeder.pl	55005	-	-
EM122	Em122 centerdepth	udp_db_feeder.pl	55602	em122	--port --database --udptype
FLR	Fluorometer	udp_db_feeder.pl	55503	flr	--port --database --udptype
GPS:2, GPS:4	latitude	rmc_feeder.pl	55001	-	-
GPS:2, GPS:4	Longitude	rmc_feeder.pl	55001	-	-
GYRO	Heading	udp_db_feeder.pl	55103	gyro	--port --database --udptype
LWR	Longwave radiation	udp_db_feeder.pl	55404	lwr	--port --database --udptype
Networkuse:0	Connection type: hsn, fbb	route_feeder.pl / ~~route_control.pl~~	-	-	-
Networkuse:1	uptime	route_feeder.pl / ~~route_control.pl~~	-	-	-
SBE45S	Sea surface salinity	sbe45_feeder.pl	55501	-	-
SBE48	Sea surface temperature	udp_db_feeder.pl	55502	SBE48	--port --database --udptype
SOG	Speed over ground	rmc_feeder.pl	55001	-	-
SPD	Speedlog	udp_db_feeder.pl	55202	spd	--port --database --udptype
SSV	Sea surface sound velocity	udp_db_feeder.pl	55500	ssv	--port --database --udptype
SWR	Shortwave radiation	udp_db_feeder.pl	55403	shw	--port --database --udptype
TTWP	Time to waypoint	rmb_feeder.pl	55005	-	-
Winch:0	Winch ID	winch_feeder.pl	55801	-	-
Winch:1	Winch Tension	winch_feeder.pl	55801	-	-
Winch:2	Winch Pay Out	winch_feeder.pl	55801	-	-
Winch:3	Winch Speed	winch_feeder.pl	55801	-	-

WXTP_Pa / WXTS_Pa	Vaisala barometric pressure	wx_feeder.pl (makes correction for mast height in script)	55401/55402	-	-
WXTP_Ta / WXTS_Ta	Vaisala air temperature	wx_feeder.pl	55401/55402	-	-
WXTP_TD / WXTS_TD	Vaisala True Wind Direction	wx_feeder.pl & wind_feeder.pl	55401/55402	-	-
WXTP_TS / WXTS_TS	Vaisala True Wind Speed	wx_feeder.pl & wind_feeder.pl	55401/55402	wxt	--port --database --udptype
WXTP_Ua / WXTS_Ua	Vaisala relative humidity	wx_feeder.pl	55401/55402	-	-

PATH:	/usr/lib/cgi-bin/db_driven_data/status_screen
Database:	datascreen.db
DISPLAY:	screen.config is a link pointing to either screen.config.wxtp (port vaisala screen configuration) or screen.config.wxts (Stbd Vaisala screen configuration)
NOTES:	*Feeder scripts are started by etc/rc.local at boot; it runs go_rclocal.sh *wx_feeder -> grabs vaisala data from udp port & puts it in database *wind_feeder -> calculates true wind speed and direction *Port Vaisala -> udp 55401 Stbd Vaisala -> udp 55402 *check_db.pl -> script to check the ages of the database's present data *route_control.pl -> still in directory, but not started by rc.local (not needed?)