Name	description
scvpjc_sha_k	sha key
scvpjc_sha_rawpayload_k	input record raw key
scvpjc_inp_veh_req_recvd_time_s	Time when CEDTE cloud received the Vehicle request
scvpjc_inp_cabintemp_r_2	Temperature inside the passenger compartment as measured by the climate control system and filtered.
scvpjc_inp_ecg_app_ver_x_2	Version of ecg build
scvpjc_inp_vin_d_2	VIN number
scvpjc_inp_strt_loc_lat_r_2	Latitude of vehicle's current location
scvpjc_inp_strt_loc_long_r_2	Longitude of vehicle's current location
scvpjc_inp_trip_struct_x_2	A message from the Nav App on the SYNC module to the ECG via SOA.
scvpjc_inp_trlr_d_2	Identification number of the trailer connected to the vehicle
scvpjc_inp_istrlr_lmp_conn_f_2	An indicator to tell whether a trailer connected or not connected to a vehicle
scvpjc_inp_veh_pyld_x_2	Total load in Kilograms (load in vehicle + trailer)
scvpjc_inp_montr_dta_veh_pyld_x_2	Total load in Kilograms (load in vehicle + trailer)
scvpjc_inp_montr_dta_cabintemp_r_2	Temperature inside the passenger compartment as measured by the climate control system and filtered.
scvpjc_inp_montr_dta_batt_temp_r_2	Temperature of the battery
scvpjc_inp_montr_dta_veh_speed_r_2	Vehicle speed
scvpjc_inp_montr_dta_est_road_grd_f_2	Road grade for the drive
scvpjc_inp_montr_dta_loc_lat_r_2	Latitude of vehicle's current location
scvpjc_inp_montr_dta_loc_long_r_2	Longitude of vehicle's current location

scvpjc_out_rslt_efficiencies_efcn_loss_for_low_temp_x_2	Efficiency for energy loss and low temperature within the trip
scvpjc_out_rslt_efcn_predid_speed_x_2	Average Speed of each segment of the route
scvpjc_out_rslt_rte_dta_2	Encoded routelinks, linktimes, speed, grade information
scvpjc_out_rslt_mode_r_2	ECG App value to determine if DTE Data Payload should be sent to HPCM
scvpjc_rslt_adj_reasons_ext_temp_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_pyld_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_pwr_to_box_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_rte_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_terrain_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_trffc_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_trlr_off_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_rslt_adj_reasons_trlr_on_f_2	DTE adjustment reason from HPCM to SYNC
scvpjc_out_errors_dta_err_x_2	DTE adjustment reason from HPCM to SYNC
scvpjc_out_errors_err_code_x_2	DTE adjustment reason from HPCM to SYNC
scvpjc_out_errors_msg_x_2	DTE adjustment reason from HPCM to SYNC
scvpjc_out_rslt_unkn_trlr_f_2	known Trailer or not indicator(true or false)
scvpjc_proc_stat_c	gcp audit columns
scvpjc_proc_stat_dtl_x	gcp audit columns
scvpjc_proc_stat_utc_s	gcp audit columns
scvpjc_created_on_s	gcp audit columns

scvpjc_created_by_c	gcp audit columns
scvpjc_partition_date_c_2	gcp audit columns
_dfgdia_iso3_country_std_cnty	ISO country column, derived for all Data Factory LCV views, is utilized for implementing Row Level Security access control
scvc69_sha_k	GCP unique key for each record
scvc69_sha_rawpayload_k	GCP unique key for payload
scvc69_srvr_time_s	Time since epoch in ms (UTC) when the event was received by the ingest server
scvc69_vin_17_x	Full 17 digit VIN
scvc69_vin_11_x	First 11 digits of the VIN
scvc69_veh_d	Vin token or Vehicle ID, is a unique vehicle identifier
scvc69_schema_ver_x	Version of the schema being used
scvc69_ecg_build_x	ECG build Version
scvc69_map_fpn_x	Ford Part Number of the Connected Blue Zone map
scvc69_adas_fpn_x	Ford Part Number of the Advanced Driver Assistance Systems - Host Software
scvc69_treerunner_fpn_x	Ford Part Number of the Advanced Driver Assistance Systems - Treerunner Software
scvc69_app_ver_x	Internal application version
scvc69_catg_x	Category
scvc69_actn_x	Action
scvc69_event_d	Event ID
scvc69_dsmc_msg_x	Visual display for unavailability of HA due to DSMC faults including DSMC malfunction, blockage, and driver not seen.
scvc69_handsoff_wrng_x	Audible and Visual Hands off warning status
scvc69_ehr_mini_form_of_way_x	Indicates whether the host vehicle is on a limited access road.

scvc69_in_bluezone_area_x	Indicates whether or not a vehicle is in Bluezone area
scvc69_no_invld_veh_cond_x	Flag for invalid conditions related to the vehicle prohibiting feature operation
scvc69_invld_veh_cond_epas_lat_ctl_not_avail_x	Invalid Vehicle Condition - Electric power assisted Steering Lateral Control Not Available
scvc69_invld_veh_cond_turn_ind_x	Invalid Vehicle Condition - Turn Indicator on
scvc69_invld_veh_cond_tja_ada_not_enabled_x	Invalid Vehicle Condition - Traffic jam assist not enabled
scvc69_invld_veh_cond_tja_ada_deni_x	Invalid Vehicle Condition - Traffic jam assist denied
scvc69_invld_veh_cond_cruise_ctl_overriden_x	Invalid Vehicle Condition - Cruise control overriden
scvc69_invld_veh_cond_acc_not_actv_x	Invalid Vehicle Condition - Adaptive cruise control not active
scvc69_invld_veh_cond_adas_montr_fault_detected_x	Invalid Vehicle Condition - Advanced Driver AssistADAS monitor fault detected
scvc69_invld_veh_cond_pscm_montr_fault_detected_x	Invalid Vehicle Condition - Power steering control module (PSCM) monitor fault detected
scvc69_invld_veh_cond_veh_speed_out_of_rng_x	Invalid Vehicle Condition -
scvc69_no_invld_lane_scenario_x	Flag for invalid lane scenarios prohibiting feature operation
scvc69_invld_lane_scenarios_ltrl_displ_x	Invalid Lane Scenario - Lateral displacement
scvc69_invld_lane_scenarios_sml_lane_x	Invalid Lane Scenario - Narrow lane
scvc69_invld_lane_scenarios_wide_lane_x	Invalid Lane Scenario - Wide Lane
scvc69_invld_lane_scenarios_path_confid_x	Invalid Lane Scenario - Path Confidence

scvc69_invld_lane_scenarios_path_curvature_x	Invalid Lane Scenario - Path Curvature
scvc69_invld_wthr_x	Flag that indicates if invalid weather conditions detected
scvc69_gps_lat_decm_deg_r_3	GPS Latitude in Decimal Degrees
scvc69_gps_long_decm_deg_r_3	GPS Longitude in Decimal Degrees
scvc69_gps_hemisphere_lat_southern_r	Hemisphere Latitude Southern
scvc69_gps_hemisphere_long_eastern_r	Hemisphere Longitude Eastern
scvc69_gps_hdop_x	GPS Horizontal dilution of precision
scvc69_gps_heading_x	GPS Heading
scvc69_gps_fault_x	Status used to indicate a fault in the GPS system (0-'No/Offset', 1-'Yes/Resolution')
scvc69_utc_epoch_secs_x	GPS UTC Time in Seconds since Epoch
scvc69_spp_path_cuv_r	SPP Path Curvature
scvc69_spp_mdl_typ_x	SPP Model Type
scvc69_spp_lane_wid_r	SPP Lane Width
scvc69_spp_left_lane_confid_r	SPP Left Lane Confidence
scvc69_spp_path_confid_r	SPP Path Confidence
scvc69_spp_right_lane_confid_r	SPP Right Lane Confidence
scvc69_extndd_invariant_cond_x	Extended Invariant Condition. Used to indicate if you can transition to extended mode.
scvc69_hst_veh_ltrl_vlcy_r	Host Vehicle Longitudinal and Lateral Velocity relative to the ground
scvc69_hst_veh_long_vlcy_r	Host Vehicle Longitudinal and Lateral Velocity relative to the ground
scvc69_hst_veh_yaw_rate_r	Host vehicle yaw rate used for path prediction

scvc69_sns_gen_curr_time_hst_r	Provides the current time of the host controller to determine delay / to compensate latency.
scvc69_sns_gen_dts_vsn_r	Provides the vision timestamp of FWC vision data to determine delay / to compensate latency
scvc69_sns_lane_hst_left_a0_r	Polynomial Models: Offset to Left Lane Marking
scvc69_sns_lane_hst_left_a2_r	Polynomial Models:Curvature
scvc69_sns_lane_hst_left_confid_r	Polynomial Models: Confidence level of lane detection
scvc69_sns_lane_hst_left_rng_end_r	End of range the lane marking polynomial is valid for
scvc69_sns_lane_hst_left_typ_x	Polynomial Models: Lane Marking Type
scvc69_sns_lane_hst_right_a0_r	Polynomial Models: Offset to Right Lane Marking
scvc69_sns_lane_hst_right_a2_r	Polynomial Models: Curvature (=2*a2)
scvc69_sns_lane_hst_right_confid_x	Polynomial Models: Confidence level of lane detection
scvc69_sns_lane_hst_right_rng_end_r	End of range the lane marking polynomial is valid for
scvc69_sns_lane_hst_right_typ_x	Polynomial Models: Lane Marking Type
scvc69_sns_lane_releftt_a0_r	Polynomial Models: Offset to Left RoadEdge
scvc69_sns_lane_releftt_confid_x	Polynomial Models: Confidence level of lane detection
scvc69_sns_lane_releftt_typ_x	Polynomial Models: Road Edge Type
scvc69_sns_lane_rerightt_a0_r	Polynomial Models: Offset to Right RoadEdge
scvc69_sns_lane_rerightt_confid_x	Road Edge - Right - Confidence
scvc69_sns_lane_rerightt_typ_x	Road Edge - Right - Line Type

scvc69_ign_stat_x	Ignition state of vehicle when event occured
scvc69_front_wiper_stat_x	Signal indicating the front windshield wiper status -
scvc69_veh_vlcy_r	Vehicle Velocity
scvc69_veh_vlcy_qlty_fctr_x	Vehicle Velocity Quality Factor
scvc69_alw_extndd_mode_x	Allow Extended Mode Flag
scvc69_proc_stat_c	process status code
scvc69_proc_stat_dtl_x	process status detail
scvc69_proc_stat_utc_s	process status in utc time
scvc69_created_on_s	created on time in UTC
scvc69_sterg_whl_ang	Angle of the steering wheel
scvc69_edge_d	ID of the current Connected Blue Zone edge determined by Map Previewer and Localization (MPL) subsystem
scvc69_nextedge_d	ID of the next Connected Blue Zone edge determined by Map Previewer and Localization (MPL) subsystem
scvc69_dstc_to_node_x	Distance to edge node determined by Map Previewer and Localization (MPL) subsystem
scvc69_end_of_blue_zone_x	Distance to end of blue zone.
scvc69_fspp_a0_x	Ford steerable path polynomial: A0 coefficient
scvc69_fspp_a1_x	Ford steerable path polynomial: A1 coefficient
scvc69_fspp_a3_x	Ford steerable path polynomial: A3 coefficient
scvc69_outr_lane_typ_x	Polynomial Models: Outer lane line marking type
scvc69_outr_lane_conf_x	Polynomial Models: Confidence level of outer lane line detection
scvc69_cnsnt_x	EU consent value

scvc69_partition_date_x	The date that the table was partitioned
scvc69_event_rawpl_m	Raw payload Time since epoch when event was generated in UTC
scvc69_event_local_rawpl_m	Raw payload Time since epoch when event was generated in local UTC format
scvc69_ldwactvstats_d_req_x	ldw warning
scvc69_ldwchime_b_rq_x	ldw warning
scvc69_lkaactvstats_d2_req_x	lka intervention
scvc69_sodalrtleft_d_stat_x	led alert
scvc69_sodalrtright_d_stat_x	led alert
scvc69_tjalc_d_stat_x	alc lane change state (prep r, prep l, active l, active r, standby, etc.)
scvc69_tjalanebias_d_stat_x	alb bias state (system bias l, system bias r, no bias, etc.)
scvc69_latctlpathoffst_l_actl_r	lateral offset of host to requested offset in lane
scvc69_steeringcolumntorque_r	driver steering column torque input (nm)
scvc69_lahandsoff_b_actl_x	driver hands on / hands off indicator
scvc69_tjalcwarn_d_rq_x	alc warning (driver cancel, system cancel, busy lane, etc.)
scvc69_apedpos_pc_actlarb_r	accelerator pedal % engagement
scvc69_brktot_tq_actl_r	driver applied brake torque
scvc69_fcwaudiowarn_b_rq_x	fcw audio warning status
scvc69_fcwvisblwarn_b_rq_x	fcw visual warning status
scvc69_dasstats_d_dsply_x	status of the driver alert system feature.
scvc69_daswarn_d_dsply_x	driver drowsiness warning level. sent to hmi to display the rest soon/ rest now warning

scvc69_dasfalt_b_dsply_x	driver alert system fault indication. this is the signal for the telltale we use in europe
scvc69_drvattentzone_d_stat_x	driver attention zone based on head pose and eye gaze.
scvc69_otsd_air_temp_stat_r	filtered value, i.e. same as disply for customer
scvc69_modemsigstren_d_stat_x	modem signal strength
scvc69_airamb_p_actl_r	outside air pressure
scvc69_trlrlampcnnct_b_actl_x	trailer connected
cv1178t02_sha_k	SHA KEY
cv1178t02_ffm_site_id_x	FFM Site ID
cv1178t02_event_typ_x	Event Type
cv1178t02_goog_clnt_trce_parnt_x	Google Client Trace Parent
cv1178t02_goog_clnt_dlvry_atmpt_x	Google CLient Delivery Attempt
cv1178t02_charger_id_x	Charger ID
cv1178t02_comp_id_x	.Company ID
cv1178t02_crltn_id_x	Correlation ID
cv1178t02_e_prvcy_consent_b	E-privacy consent
cv1178t02_ocpp_msg_typ_x	OCPP Message Type
cv1178t02_goog_trce_st_x	Google Trace State
cv1178t02_fpc_charger_rec_id_x	FPC Charger Record Id
cv1178t02_cntry_cd_x	Country Code
cv1178t02_payload_x	Fleet Payload
cv1178t02_raw_payload_x	Fleet EU RAW Payload
cv1178t02_proc_stat_c	Process Status Code

cvdc62_vin_d_3	Vehicle Identification Number from VSDN. There is a small scenario of this VIN not matching the FTCP VIN when there was a TCU swap and there is a messsage race condition within the TCU not providing the messages priority for it to be sent with an update relating to the TCU swap. During this short period, the VIN correlated to the SDN messageswill be wrong as well. This is because the VIN related to the SDN messages comes form the VSDN database and till the database is updated with the swap information, the SDN will send the VIN that was previously associated to the TCU
cvdc62_raw_payload_metadata_lighthouse_id_x	contains LightHouse ID information of authorized user associated to a given VIN
cvdc62_raw_payload_metadata_lighthouse_id_x	~ For commands issued by a user, this will contain the specific the ID of the user that issued the command~ Commands issued by Fleet telematics (eg; Telogis) user will have specific ID of fleet user that issued command. ~ For commands that are scheduled or issued by a system (e.g. Scheduled Remote Start, FOTA), this will contain the IDs of all authorized users associated to a given VIN~ For commands without authorized users (eg; UserAuthorizationCommand and ChangeHomeURLCommand) no user details to be attached~ Query responses will contain LH IDs of all authorized users associated to a given VIN~ If it,Äôs a system issued command or query response don,Äôt list LH id (s) over here.

cvdc62_fcs_flag_x	Flag indicating if the TCU VIN is FCS Fleet VIN,(this excludes FCS EU GDPR and FCS AVIS)
cvdc62_com360_flag_x	COM360 flag indicating whether VIN belongs to commercial fleet or not. This info is obtained from COM 360 source.
cvdc62_msg_metadata_msg_n	Name of the Message
cvdc62_msg_metadata_msg_typ_x	Type of the Message - Commands, Alerts, CommandResponses,Queries,QueryResponse etc
cvdc62_did_id_x	Represents DID ID
cvdc62_did_value_x	Represents DID Response
cvdc62_did_type_x	Represents DID Type (single/packeted)
cvdc62_did_subfield_name_x	Contains Decoded DID Signal Name
cvdc62_vehicle_data_did_subfield_decoded_x	Contains Decoded value that is classified as Vehicle data
cvdc62_direct_elevated_identifier_did_subfield_decoded_x	Contains Decoded value that is classified as Direct elevated identifier data
cvdc62_direct_identifier_did_subfield_decoded_x	Contains Decoded value that is classified as Direct Identifier data
cvdc62_driver_data_did_subfield_decoded_x	Contains Decoded value that is classified as Driver data
cvdc62_geolocation_did_subfield_decoded_x	Contains Decoded value that is classified as Geolocation data
cvdc62_indirect_identifier_did_subfield_decoded_x	Contains Decoded value that is classified as Indirect identifier data
cvdc62_unit_of_measurement_x	Contains Unit of Decoded value (volts/sec, deg, counts, etc.,)
cvdc62_did_decoding_message_x_3	Contains decode error if any
cvdc62_did_subfield_start_bit_x	DID subfield Start bit
cvdc62_did_subfield_occurrence_r	DID subfield Ocurrence

cvdc62_classification_status_x	Represents data classification category
cvdc62_ecu_ssds_part_num_c	part 2 spec filename
cvdc62_did_subfield_decoded_x	Contains Decoded value for which classification is not available
cvdc62_ecuid_x	CAN ID for the ECUModule.Common proto- This will be sent by the individual application as part of the request.WIR proto-ECU ID : Electronic Control Unit ID
cvdc62_fleetconsentlist_x	Fleet content list information
cvdc62_drivingdtasecdpurptag_x	DrivingData secondary purpose category tag. Vehicle module shall always set this.
cvdc62_locsecdpurptag_x	Location secondary purpose category tag. Vehicle module shall always set this.
cvdc62_primarypurposetag_x	Data domain tag. Vehicle module shall always set this.
cvdc62_tagversion_x	This includes policy file major and minor versions as well as the vehicle architecture (FNV23 or FNV4)
cvdc62_vehdtasecdpurptag_x	VehicleData secondary purpose category tag. Vehicle module shall always set this.
cvdc62_consent_flag_x	Consent flag describing the master reset.
_dfgdia_iso3_country_std_cnty	Country in which the vehicle is currently registered
cvdc62_truc_geolocation_did_subfield_decoded_x	

cvdc62_phevvehoperationdata_x_3	This array column contains comprehensive operational data for PHEVs, covering: HV battery status (voltage, current, SOC, temperature), traction motor performance (speed, torque, voltage, current), GPS location and navigation data, vehicle speed and range, fuel and energy consumption metrics, charging status, and various system warning/service requests from the engine, transmission, and battery systems.
cvdc62_phevvehoperationdata_x_3	Request from the Traction (HV) Battery system to illuminate the Hazard Lamp (red triangle tellltale).
cvdc62_phevvehoperationdata_x_3	Request from the Traction (HV) Battery system to illuminate the Powertrain Malfunction Lamp (wrench tellltale).
cvdc62_phevvehoperationdata_x_3	Total HV Battery voltage warning status for HV battery voltage exceeding upper limit or lower limit.
cvdc62_phevvehoperationdata_x_3	Request from the Traction (HV) battery system to illuminate the Malfunction Indicator Light (MIL).
cvdc62_phevvehoperationdata_x_3	Battery voltage. Voltage of the high voltage battery.
cvdc62_phevvehoperationdata_x_3	Battery current. Electric current flow into or out of the high voltage battery. Discharge is positive.
cvdc62_phevvehoperationdata_x_3	Battery SOC. (Battery State of Charge)
cvdc62_phevvehoperationdata_x_3	Battery temperature. Actual temperature of the Traction (HV) Battery.
cvdc62_phevvehoperationdata_x_3	Indication that the Traction (HV) Battery system has shutdown or is about to shutdown.
cvdc62_phevvehoperationdata_x_3	Maximum Voltage Sensor value of all HV Battery cells

cvdc62_phevvehoperat iondata_x_3	Minimum Voltage sensor value of all HV Battery cells
cvdc62_phevvehoperat iondata_x_3	Battery Energy available
cvdc62_phevvehoperat iondata_x_3	HV System Insulation Resistance
cvdc62_phevvehoperat iondata_x_3	HV Battery Cell Equalization onoff status
cvdc62_phevvehoperat iondata_x_3	Maximum Temperature of HV Battery Cell Temperature Sensors.
cvdc62_phevvehoperat iondata_x_3	Minimum Temperature of HV Battery Cell Temperature Sensors.
cvdc62_phevvehoperat iondata_x_3	HV Battery Maximum Temperature Threshold Warning Status
cvdc62_phevvehoperat iondata_x_3	HV Battery Minimum Temperature Threshold Warning Status
cvdc62_phevvehoperat iondata_x_3	HV Battery Maximum Cell Voltage Threshold Warning Status
cvdc62_phevvehoperat iondata_x_3	HV Battery Minimum Cell Voltage Threshold Warning Status
cvdc62_phevvehoperat iondata_x_3	HV Battery Insulation Alarm Warning Status.
cvdc62_phevvehoperat iondata_x_3	Vehicle speed from CAN bus
cvdc62_phevvehoperat iondata_x_3	Ignition on time
cvdc62_phevvehoperat iondata_x_3	Traction Motor Inverter Temperature
cvdc62_phevvehoperat iondata_x_3	Traction Motor Rotation Speed
cvdc62_phevvehoperat iondata_x_3	Traction Motor Coil Temperature
cvdc62_phevvehoperat iondata_x_3	Traction Motor DC Voltage Equivalent.
cvdc62_phevvehoperat iondata_x_3	Traction Motor DC Motor Current Equivalent
cvdc62_phevvehoperat iondata_x_3	Traction Motor Torque (Signed) in NM (+ torque moves vehicle in positive drive direction)

cvdc62_phevvehoperationdata_x_3	Traction Motor Controller Temperature Warning Status
cvdc62_phevvehoperationdata_x_3	Traction Motor Coil Temperature Warning Status.
cvdc62_phevvehoperationdata_x_3	Traction Motor Fault Status indicating Motor AvailableNot Available.
cvdc62_phevvehoperationdata_x_3	Inverter System Controller Internal Temperature.
cvdc62_phevvehoperationdata_x_3	It also indicates to if a transition from a non-motive to a motive mode is in progress. NOTE: nothing else should be inferred from this signal.
cvdc62_phevvehoperationdata_x_3	HSCAN signal for accelerated pedal position CGEA 1.3
cvdc62_phevvehoperationdata_x_3	TCU shall populate following signal from Bundle#2 onwards
cvdc62_phevvehoperationdata_x_3	Odometer value from CAN bus (Mileage)
cvdc62_phevvehoperationdata_x_3	this signal replaces fuelDistanceToEmpty.
cvdc62_phevvehoperationdata_x_3	Indicates status of High Voltage Interlock (HVIL) at the Hybrid Transaxle.
cvdc62_phevvehoperationdata_x_3	Sender shall account for filtering calculation etc.
cvdc62_phevvehoperationdata_x_3	Voltage of Battery Charger High Voltage Output as measured by the Charger.
cvdc62_phevvehoperationdata_x_3	Current of Battery Charger High Voltage Output as measured by the Charger.
cvdc62_phevvehoperationdata_x_3	High voltage DCDC (HDCDC) request for cooling from the high voltage battery system.
cvdc62_phevvehoperationdata_x_3	Operating status of 12V power source.
cvdc62_phevvehoperationdata_x_3	The purpose of this signal is communicate that a qualified impact event has occurred to initiate an emergency call.

cvdc62_phevvehoperationdata_x_3	EuCD should use this instead of ABSWarningLamp signal. Used for regenerative braking to limit compression braking levels and engine speed protection.
cvdc62_phevvehoperationdata_x_3	12V battery status from CAN bus for CGEA1.3
cvdc62_phevvehoperationdata_x_3	Gear level position from CAN bus
cvdc62_phevvehoperationdata_x_3	Engine Oil from CAN bus
cvdc62_phevvehoperationdata_x_3	Plug Status signal from CAN bus
cvdc62_phevvehoperationdata_x_3	Clear Battery Performance signal from CAN bus
cvdc62_phevvehoperationdata_x_3	Engine service required indicator
cvdc62_phevvehoperationdata_x_3	Request from the hybrid transmission system to illuminate the Powertrain Malfunction Lamp
cvdc62_phevvehoperationdata_x_3	Request from the hybrid transmission system to illuminate the Hazard Lamp (red triangle telltale).
cvdc62_phevvehoperationdata_x_3	Percentage of the Battery charge from CAN bus -
cvdc62_phevvehoperationdata_x_3	Display Language setting
cvdc62_phevvehoperationdata_x_3	Request to indicate battery charger service is required
cvdc62_phevvehoperationdata_x_3	transmission service required indicator
cvdc62_phevvehoperationdata_x_3	Request from the transaxle system to illuminate the Hazard Lamp (red triangle telltale).
cvdc62_phevvehoperationdata_x_3	Hybrid Mode Status(Current operating mode the plug in hybrid vehicle)
cvdc62_phevvehoperationdata_x_3	Charger Power type

cvdc62_phevvehoperat iondata_x_3	Charging status
cvdc62_phevvehoperat iondata_x_3	Time to Target SoC (State of Charge)
cvdc62_phevvehoperat iondata_x_3	Time to Full Charge
cvdc62_phevvehoperat iondata_x_3	Charger Plug Status
cvdc62_phevvehoperat iondata_x_3	Charger Power Draw
cvdc62_phevvehoperat iondata_x_3	Park Brake Status
cvdc62_phevvehoperat iondata_x_3	This raw 10-bits is the green column on the Fuel 10-bit R-Card table
cvdc62_phevvehoperat iondata_x_3	Engine speed. Current flywheel speed averaged.
cvdc62_phevvehoperat iondata_x_3	Engine coolant temperature
cvdc62_phevvehoperat iondata_x_3	It includes gear ratio final drive ratio and friction amd interita effects.
cvdc62_phevvehoperat iondata_x_3	if the battery would be charged at that moment.
cvdc62_phevvehoperat iondata_x_3	Energy consumed by vehicle in KiloWatt Hours
cvdc62_phevvehoperat iondata_x_3	Energy consumed by vehicle in Liters
cvdc62_phevvehoperat iondata_x_3	Trip Length in Kilometers
cvdc62_phevvehoperat iondata_x_3	Trip distance driven in Kilometers
cvdc62_phevvehoperat iondata_x_3	Long term distance driven in kilometers
cvdc62_phevvehoperat iondata_x_3	since last long term FE reset. Similar to brake coach but for a longer term.
cvdc62_phevvehoperat iondata_x_3	trip. Similar to brake coach but for the entire trip rather than a single stop.
cvdc62_phevvehoperat iondata_x_3	regenerative braking energy recovered on the trip
cvdc62_phevvehoperat iondata_x_3	regenerative braking energy recovered since the last long term reset

cvdc62_phevvehoperationdata_x_3	Communicates the users performance against the acceleration consumption tip.
cvdc62_phevvehoperationdata_x_3	Communicates the users performance against the vehicle speed consumption tip.
cvdc62_phevvehoperationdata_x_3	Communicates the users performance against the deceleration consumption tip.
cvdc62_phevvehoperationdata_x_3	Communicates the units of the individual consumption tips.
cvdc62_phevvehoperationdata_x_3	100% is the best performance 0% is the worst performance.
cvdc62_phevvehoperationdata_x_3	Fuel economy - No display
cvdc62_phevvehoperationdata_x_3	If units updated on cluster other displays thru-out vehicle should be updated as well.
cvdc62_phevvehoperationdata_x_3	Fuel economy - Longterm no display
cvdc62_phevvehoperationdata_x_3	Battery Charge condition alert flag from CAN bus
cvdc62_phevvehoperationdata_x_3	illuminate the Powertrain service indicator
cvdc62_phevvehoperationdata_x_3	illuminate the Powertrain warning indicator
cvdc62_phevvehoperationdata_x_3	Cabin Ambient Temp
cvdc62_phevvehoperationdata_x_3	outside Air Ambient Temperature
cvdc62_phevvehoperationdata_x_3	Compass direction from GPS module
cvdc62_phevvehoperationdata_x_3	Altitude from GPS module. Can have -ve values
cvdc62_phevvehoperationdata_x_3	HemisphereEast from GPS module
cvdc62_phevvehoperationdata_x_3	HemisphereSouth from GPS module
cvdc62_phevvehoperationdata_x_3	Fault from GPS module
cvdc62_phevvehoperationdata_x_3	Heading from GPS module

cvdc62_phevvehoperat iondata_x_3	Speed from GPS module
cvdc62_phevvehoperat iondata_x_3	Actual vs. Inferred position from GPS module
cvdc62_phevvehoperat iondata_x_3	Dimension from GPS module
cvdc62_phevvehoperat iondata_x_3	TCU shall always set this flag
cvdc62_phevvehoperat iondata_x_3	Fault bits for wheel tick gyro accelerometer antenna
cvdc62_phevvehoperat iondata_x_3	Fault bits for antenna
cvdc62_phevvehoperat iondata_x_3	Fault bits for accelerometer
cvdc62_phevvehoperat iondata_x_3	Fault bits for gyro
cvdc62_phevvehoperat iondata_x_3	Fault bits for wheel tick
cvdc62_phevvehoperat iondata_x_3	WGS84 heading in degrees
cvdc62_phevvehoperat iondata_x_3	WGS84 altitude in meters
cvdc62_phevvehoperat iondata_x_3	WGS84 velocity in kph
cvdc62_phevvehoperat iondata_x_3	Compass direction
cvdc62_phevvehoperat iondata_x_3	Number of GPS satellites in solution
cvdc62_phevvehoperat iondata_x_3	Number of GLONASS satellites in solution
cvdc62_phevvehoperat iondata_x_3	Number of Galileo satellites in solution
cvdc62_phevvehoperat iondata_x_3	Number of compass satellites in solution
cvdc62_phevvehoperat iondata_x_3	Fix type
cvdc62_phevvehoperat iondata_x_3	Indicates whether the data is reliable or not
cvdc62_phevvehoperat iondata_x_3	UTC day from cellular network(from TCU)

cvdc62_phevvehoperationdata_x_3	UTC hours from GPS module.UTC minutes from GPS moduleUTC seconds from GPS module.UTC day from GPS moduleUTC month from GPS moduleUTC year from GPS module
cvdc62_phevvehoperationdata_x_3	The month portion of GPS dateThe day portion of GPS dateThe hour portion of GPS timeThe minute portion of GPS timeThe seconds portion of GPS timeThe year portion of GPS date
cvdc62_phevvehoperationdata_x_3	Next charge End Time DayNext charge End Time HourNext charge End Time MinuteNext charge End Time MonthNext charge End Time Year
cvdc62_phevvehoperationdata_x_3	Next charge Begin Time MonthNext charge Begin Time DayNext charge Begin Time HourNext charge Begin Time MinuteNext charge Begin Time Year
cvdc62_phevvehoperationdata_x_3	Latitude degrees from GPS module. Can have -ve valuesLatitude minutes decimal from GPS moduleLatitude minutes from GPS module
cvdc62_phevvehoperationdata_x_3	Longitude degrees from GPS module. Can have -ve valuesLongitude minutes decimal from GPS moduleLongitude minutes from GPS module
cvdc62_phevvehoperationdata_x_3	China shifted latitude fractional portion in degrees,China shifted latitude integer portion in degrees,Sign of China shifted latitude integer in degrees
cvdc62_phevvehoperationdata_x_3	China shifted longitude fractional portion in degrees,China shifted longitude integer portion in degrees,Sign of China shifted longitude integer in degrees
cvdc62_msg_metadata_rgn_n	Region Code in cloud from which message from vehicle arrived and Region of the SDN from which the message arrived

cvdc62_raw_payload_metadata_ftcp_ver_r	Contains the FTCP version in the payload received from TMC.In Case of VSDN Decoded data: This is the FTCP version parameter that VSDN uses to decode the incoming message and In case of SCA-V decoded data : This is based on the FTCP version metadata that SCA-V uses to decode the raw base64 message
cvdc62_raw_payload_metadata_can_db_ver_r	In Case of VSDN Decoded data: This is the CAN DBC version parameter that VSDN uses to decode the incoming message.and In case of SCA-V decoded data : This is based on the CAN DBC version metadata that SCA-V uses to decode the raw base64 message
cvdc62_raw_payload_metadata_bus_arch_r	In Case of VSDN Decoded data: This is the vehicle CAN bus architecture parameter that VSDN uses to decode the incoming message.and In case of SCA-V decoded data : This is based on the CAN bus architecture metadata that SCA-V uses to decode the raw base64 message
cvdc62_airamb_te_actl filt_r	outside Air Ambient Temperature filtered,outside Air Ambient Temperature,outside Air Ambient Temperature - non EV signal
cvdc62_alarm_mode_r	Alarm mode from CAN bus for C1MCA
cvdc62_alarm_stat_x	Alarm Status from CAN bus for C1MCA
cvdc62_apedpos_pc_actlarb_r	HSCAN signal for accelerated pedal position CGEA 1.3
cvdc62_assy_part_r	This MUST be mapped to the assembly part number for the TCU and ECU in IVS
cvdc62_auth_rspns_c	Enumeration for user's response for authorization. TCU shall always set this.
cvdc62_auth_stat_c	TCU's Current Authorization Status
cvdc62_battchrgcmpltpt_t_est_r	Time to Full Charge

cvdc62_battchrgtrgsocpt_t_est_r	Time to Target SoC (State of Charge)
cvdc62_battelecperf_d_actl_x	Clear Battery Performance signal from CAN bus and used to determine if there is a temperature condition in the battery that may impact preconditioning
cvdc62_battery_chg_st_r	battery charge state change
cvdc62_batteryperformanceseverity_x	Severity of the vehicle battery performance
cvdc62_battery_temp_r	Temperature of the battery in a Vehicle
cvdc62_batttrac_i_actl_r	Battery current (or) Electric current flow into or out of the high voltage battery (or) Discharge is positive.
cvdc62_batttrac_pw_limchrg_r	Amount of power that the Traction (HV) Battery can accept (i.e. charge limit).
cvdc62_batttrac_pw_limdchrg_r	Amount of power that the Traction (HV) Battery can provide (i.e. discharge limit).
cvdc62_batttrac_te_actl_r	Status of the battery temperature,Battery temperature,Actual temperature of the Traction (HV) Battery.
cvdc62_batttrac_u_actl_r	Battery voltage and Voltage of the high voltage battery.
cvdc62_batttracoff_b_actl_r	Indication that the Traction (HV) Battery system has shutdown or is about to shutdown.
cvdc62_batttracofffst_d_actl_x	Indication of unexpected Traction (HV) Battery contactor opening which may require special action by other subsystems.
cvdc62_batttracsoc_pc_dsply_r	Percentage of the Battery charge from CAN bus or EV Specific signals - Non EV vehicles do not need to populate these values or Percentage of the Battery charge from CAN bus or State of Charge of Battery in percentage
cvdc62_batttracsoc2_pc_actl_r	Battery SOC. (Battery State of Charge)

cvdc62_batttracsrvcrqd_b_rq_x	Request from the Traction (HV) Battery system to illuminate the Powertrain Malfunction Lamp (wrench tellltale) and Request from the Traction (HV) Battery system to illuminate the Powertrain Malfunction Lamp
cvdc62_batttracwarnlamp_b_rq_x	Request from the Traction (HV) Battery system to illuminate the Hazard Lamp (red triangle telltale) and Request from the Traction (HV) Battery system to illuminate the Hazard Lamp (red triangle tellltale).
cvdc62_battulo_u_actl_r	12V battery status from CAN bus or Battery Low indicator
cvdc62_bpeddrvappl_d_actl_r	TCU shall populate following signal from Bundle#2 onwards (except for possible external failures such as an object resting on the pedal) or not.
cvdc62_bsbattsoc_r	The residual charge of 12V battery at nominal temperature as percentage of the capacity if the battery would be charged at that moment.if the battery would be charged at that moment
cvdc62_bsbattvoltage_r	VBATB+ for C1MCA
cvdc62_bus_architecture_r	This is the veh_architecture parameter that TCU populates based on Ford EOL configuration
cvdc62_cabnamb_te_actl_r	Cabin Ambient Temp and Cabin Ambient Temp - non EV signal
cvdc62_candatabaseversion_x	Element to report CAN database version(s) (or) element to report CAN database version - retrofit for C489
cvdc62_chg_now_durn_st_r	Hours to FULL CHARGE for Charge Now
cvdc62_chg_sched_stat_c	Charge schedule status
cvdc62_chrglocid_no_rq_r	Charge Point location Id (Charge point arrival flag)

cvdc62_chrgrin_pw_mx_r	Charger Power Draw
cvdc62_chrgrinpwtype_d_actl_x	Charger Power type
cvdc62_chrgrsrvcrqd_b_rq_x	Request to indicate battery charger service is required
cvdc62_chrgstat_d_dsply_x	Charging status
cvdc62_cloud_msg_d	Unique random number generated by the Cloud. Cloud shall always set this value to a unique number
cvdc62_command_stat_c	Enumeration for CommandStatus. ECU shall always set this and Enumeration for identifying command status. TCU shall always set this.
cvdc62_config_part_r	This MUST be mapped to the Config Part number for the TCU and ECU in IVS
cvdc62_conn_stat_c	Value from TCUConnectionStatusEnum
cvdc62_consavgtrip_fe_dsply_r	MPGe Fuel consumption
cvdc62_consavgtrip_no_dsply_r	Fuel economy - No display
cvdc62_conslongterm_no_dsply_r	Fuel economy - Longterm no display
cvdc62_constipa_no_dsply_r	Communicates the users performance against the acceleration consumption tip.
cvdc62_constipdecel_no_dsply_r	Communicates the users performance against the deceleration consumption tip.
cvdc62_constiptot_pc_dsply_r	100% is the best performance 0% is the worst performance.
cvdc62_constipunitpt_d_dsply_x	Communicates the units of the individual consumption tips.
cvdc62_constipv_no_dsply_r	Communicates the users performance against the vehicle speed consumption tip.
cvdc62_consunitipc_d_dsply_x	If units updated on cluster other displays thru-out vehicle should be updated as well.

cvdc62_correlation_d	Unique random number generated by the Cloud. Cloud shall always set this value for correlating commands with command responses.Only to be used by the TCU for command responses. TCU shall set this value same the correlationId received from the cloud
cvdc62_dstint_rgn_c	This is the destination region code as recorded at the end of line - This MUST always be populated when sending provisioning data
cvdc62_disp_langsel_st_c	Display Language setting
cvdc62_door_latch_stat_c	Door lock status from CAN bus - for C1MCA vehicles only
cvdc62_door_latch_stat_tailgate_trnk_x	status of the tailgate or trunk door latch on a vehicle, indicating whether it is securely locked or unlocked
cvdc62_door_latch_stat_rr_door_x	status of the right rear door latch on a vehicle
cvdc62_door_latch_stat_lr_door_x	status of the left rear door latch on a vehicle
cvdc62_door_latch_stat_pass_door_x	status of the passenger-side door latch on a vehicle
cvdc62_door_latch_stat_drvr_door_x	status of the driver-side door latch on a vehicle
cvdc62_drvr_wdo_pos_x	Driver window position from CAN bus
cvdc62_drstatdrv_b_actl_x	Drive door ajar status from CAN bus
cvdc62_drstathood_b_actl_x	hood ajar status from CAN bus
cvdc62_drstatinnrtgate_b_actl_x	inner tail gate door ajar status from CAN bus and Liftgate door ajar status from CAN bus
cvdc62_drstatpsngr_b_actl_x	passenger door ajar status from CAN bus
cvdc62_drstatrl_b_actl_x	left rear door ajar status from CAN bus

cvdc62_drstatrr_b_actl_x	right rear door ajar status from CAN bus
cvdc62_drstattgate_b_actl_x	Trunk door ajar status from CAN bus and Tail gate door ajar status from CAN bus
cvdc62_ellongterm_l_dsply_r	Long term distance driven in kilometers
cvdc62_eltrip_l_dsply_r	Trip distance driven in Kilometers
cvdc62_engaout_n_actl_r	Engine speed and Current flywheel speed averaged.
cvdc62_engclnt_te_actl_r	Engine coolant temperature
cvdc62_engoillife_pc_actl_r	Engine Oil from CAN bus
cvdc62_engsrvcrqd_b_rq_x	Engine service required indicator and Engine service required indicator - non EV signal
cvdc62_err_c	Error code from the ErrorCodeEnum
cvdc62_err_x	Description of the error
cvdc62_esn_r	Electronic Serial Number of the TCU
cvdc62_favorite_loc_sync_err_c	Enumeration for communicating favorite location data errors. TCU shall always set this.
cvdc62_favorite_loc_sync_err_x	Description of the error. TCU shall set this optionally.
cvdc62_firmware_ver_he920_x	Firmware version of the cellular micro - NAD
cvdc62_firmware_ver_teseo2_x	Firmware version of the host micro - Teseo II
cvdc62_firmware_upgr_err_c	Enumeration for communicating firmwareconfig file download errors. TCU shall always set this.
cvdc62_firmware_upgr_err_x	Description of the error. TCU shall set this optionally.
cvdc62_firmware_upgr_initialization_u	URL to which the TCU shall post the interrogator log to begin the firmware upgrade process
cvdc62_firmware_upgr_stat_c	Enumeration for Firmware Upgrade status. TCU shall always set this.

cvdc62_firmware_ver_r	TCU firmware version number
cvdc62_fuellvl_pc_dsply_r	Fuel Level from CAN bus-This raw 10-bits is the green column on the Fuel 10-bit R-Card table
cvdc62_fuelrange_l_dsply_r	Distance before fuel reservoir becomes empty - this signal replaces fuelDistanceToEmpty - this signal replaces fuelDistanceToEmpty and Clarion should retrofit this into C489 protofile
cvdc62_gearlvrpos_d_actl_x	Gear level position from CAN bus
cvdc62_glbl_config_ver_x	ECU's Current global config version number and TCU's Current global config version number
cvdc62_gotimes_sync_err_c	Enumeration for communicating go times and drive conditioning errors. TCU shall always set this.
cvdc62_gotimes_sync_err_x	Description of the error. TCU shall set this optionally.
cvdc62_gsm_drx_lvl_r	GSM DRX Level.WCDMA DRX Level added as replacement for GSMDRXLevel signal
cvdc62_gsm_num_of_neighbors_r	GSM Number of neighbors to track
cvdc62_gsm_roaming_f	GSM Roaming Flag
cvdc62_hdwe_part_r	This MUST be mapped to the Hardware Part number for the TCU and ECU in IVS
cvdc62_hev_battery_fault_svrty_enum_x	HEV Battery Fault Severity level
cvdc62_hm_u	Value of Home URL as read from the ECU(ECGTCU) special DID and Value of Home URL as read from the TCU special DID
cvdc62_htrnsrvcrqd_b_dsply_x	Request from the hybrid transmission system to illuminate the Powertrain Malfunction Lamp

cvdc62_htrnwarnlamp_b_dsply_x	Request from the hybrid transmission system to illuminate the Hazard Lamp (red triangle telltale).
cvdc62_hybmdestat_d_dsply_x	Hybrid Mode Status(Current operating mode the plug in hybrid vehicle)
cvdc62_ign_stat_c	Ignition status from CAN bus (The processed value for current Ignition state) - OFF, ACC, RUN, or START.
cvdc62_keyid_d_actl_vec_r	Key IDs of an Active Keys C1MCA -- Bit encoded values for active keys
cvdc62_lifecycmde_d_actl_r	CAN signal for Life cycle mode of vehicle e.g. Factory Mode Transport Mode etc. (CGEA), CAN signal for Transport Mode (CGEA) - non EV signal ,CAN signal for Transport Mode (same for C1MCA and CGEA)
cvdc62_calcd_msg_utc_date_s	UTC Timestamp information from Cellular Network(TCU)
cvdc62_new_auth_stat_c	Enumeration for TCU Authorization status which the TCU shall change its state to. Cloud shall always set this.
cvdc62_ntfydrvsoclvl1_pc_rq_r	Percentage of state of charge requested by customer. Starting 5% upto 100% in the increments of 5%.Charge to %
cvdc62_odom_mstr_val_r	Odometer value from CAN bus (Mileage)
cvdc62_park_brk_soft_r	indicates whether the electronic parking brake is engaged or not in a vehicle
cvdc62_park_brk_hd_r	indicates whether the hard or mechanical parking brake is engaged or not in a vehicle
cvdc62_pass_wdo_pos_x	Passenger window position from CAN bus
cvdc62_pepskeyactv_d_stat_c	Key in use - CGEA for Model Year 13 vehicles with PEPS Keys only
cvdc62_pepskeyfound_no_actl_r	Key IDs of an Active Keys CGEA1.3 -- Bit encoded values for active keys

cvdc62_perimeter_alarm_stat_c	HSCAN signal for Perimeter Alarm Status, Perimeter alarm status from CAN bus for CGEA1.3 Alarm Mode or Perimeter alarm status from CAN bus.
cvdc62_pkey_d	C1MCA Coding for Key in Use
cvdc62_plgactv_d_actl chrgr_x	Charger Plug Status or Status of the charge plug
cvdc62_plgactvarb_b_actl_x	Plug Status signal from CAN bus
cvdc62_precondstat_d_dsply_x	PreConditioning Status
cvdc62_prkbrkactv_b_actl_x	Signals for Park Brake Status Park Brake switch parkbrake_hard and parkbrake_soft status
cvdc62_prkbrk_stat_c	Park Brake Status.
cvdc62_prmtralrmevnt_d_stat_c	Alarm status causetrigger from CAN bus for CGEA1.3
cvdc62_pro_to_file_ver_x	TCU's Current protofile Version Number
cvdc62_prplwhltot2_tq_actl_r	It includes gear ratio final drive ratio and friction amd interita effects.
cvdc62_ptrmtrprt_d_rq_x	Battery Charge condition alert flag from CAN bus
cvdc62_ptsrvclamp_b_rqhtrn_x	illuminate the Powertrain service indicator
cvdc62_ptwarnlamp_b_rqhtrn_x	illuminate the Powertrain warning indicator
cvdc62_pwpck_d_stat_c	used for Motive Mode and RemoteStart - for C1MCA based programs except CD346 and CD344

cvdc62_pwpcktq_d_stat_c	It also indicates to if a transition from a non-motive to a motive mode is in progress. NOTE: nothing else should be inferred from this signal. Power Pack motive state from CAN bus Message structure for vehicle position data. Used for motive mode - for C1MCA(CD346 and CD344) and CGEA all program Used for Remote Start - for C1MCA CD346 and CD344 programs Used for Remote Start - for C1MCA(CD346 and CD344 programs) Indicates if the power pack is a motive (wheel torque producing) or non-motive (non-wheel torque producing) mode.
cvdc62_rear_drvr_wdo_pos_x	Rear Driver window position from CAN bus
cvdc62_rear_pass_wdo_pos_x	Rear Passenger window position from CAN bus
cvdc62_rcvd_sig_qlty_r	RSSI Signal Quality
cvdc62_rcvd_sig_strn_r	RSSI Signal Strength
cvdc62_remote_device_fdbck_x	remote start status from CAN bus-CGEA only and Information about remote start device
cvdc62_remotestrt_t_actl_x	Remote Start Duration Remaining C1MCA
cvdc62_reqt_typ_c	and set this to FINAL for Final Auth command
cvdc62_rgenlongterm_l_dsply_r	regenerative braking energy recovered since the last long term reset
cvdc62_rgenlongterm_pc_dsply_r	since last long term FE reset. Similar to brake coach but for a longer term.
cvdc62_rgentrip_l_dsply_r	regenerative braking energy recovered on the trip
cvdc62_rgentrip_pc_dsply_r	Similar to brake coach but for the entire trip rather than a single stop.
cvdc62_rstrt_t_actl_r	Remote start timer from CAN bus. This tells how long remote start would stay active. This is applicable for CGEA only

cvdc62_rstrtload_d_sttn_r	Remote Start Setting C1MCA
cvdc62_rstrtsetting_t_actl_r	Remote start duration setting as selected by the customer via the cluster.remote start setting from CAN bus: tells how long remote start should be active 5 10 or 15 min
cvdc62_secur_err_c	Error code from the SecurityErrorEnum
cvdc62_secur_err_x	Description of the error
cvdc62_sleep_intvl_r	Used only for HI_RATE and LOW_RATE. TCU shall always set this.
cvdc62_sleep_stat_c	Enumeration for identifying sleep status. TCU shall always set this.
cvdc62_stat_c	Common message structure for all command responses. ECG shall always set this.Enumeration for CommandStatus. TCU shall always set this
cvdc62_strat_part_num_x	This MUST be mapped to the Strategy Part number for the TCU and the ECU in IVS
cvdc62_subscription_st_x	subscription status
cvdc62_tcu_msg_d	Unique random number generated by the ECU(ECG) and TCU. ECU(ECG) and TCU shall always set this value to a unique number
cvdc62_tell_tales_warnings1_r	Telltales and Warnings 1 - DID 600E
cvdc62_tell_tales_warnings2_r	Telltales and warnings 2 - DID 600F
cvdc62_tire_press_sys_st2_x	Tire Pressure from CAN bus for C1MCA
cvdc62_tire_press_sys_stat_x	TPM system status Fault (< 4) and Tire pressure from CAN bus
cvdc62_tripsum_e_dsply_r	Energy consumed by vehicle in KiloWatt Hours
cvdc62_tripsum_l_dsply_r	Trip Length in Kilometers
cvdc62_tripsum_vl_dsply_r	Energy consumed by vehicle in Liters

cvdc62_trnsrvcrqd_b_rq_x	transmission service required indicator - non EV signal
cvdc62_trnwarnlamp_b_dsply_x	Request from the transaxle system to illuminate the Hazard Lamp (red triangle tellltale).
cvdc62_veh_lock_stat_c	Door lock status from CAN bus - for CGEA vehicles only
cvdc62_veh_v_actleng_r	Vehicle speed from CAN bus
cvdc62_vehelrnge_l_dsply_r	DTE for electric battery, Sender accounting for filtering calculation, Signal used for driving electrical path DTE displays on BEV and PHEV, On BEV there is only electric path energy available so the DTE displays shall be equal to this signal. Sender accounting for filtering calculation.
cvdc62_veh_hlth_stat_c	Status type
cvdc62_vehkeyactv_d_stat_r	Key in use - CGEA for Model Year 14 and above vehicle with PEPS and KEYED Keys
cvdc62_vehstrtinhbt_b_rqbatt_x	Request from the Traction (HV) Battery system to inhibit vehicle start in order to protect the high voltage battery and CR 686 Request from the Traction (HV) Battery system to inhibit vehicle start in order to protect the high voltage battery
cvdc62_batterydteperkeylist_x	captures battery DTE for each key as well as overall DTE across all keys - Legacy EV signal
cvdc62_calendar_week_go_times_x	GoTime Minute, EnabledDisabled flag sent by TCU for each event, Temperature index sent by TCU for each event, GoTime hour sent by TCU for each event.

cvdc62_drive_conditions_x	Pre-Conditioning Cabin temperature setting, Pre-Conditioning Recirculation Mode, Pre-Conditioning HVAC Mode, Index for drive conditioning, Pre-Conditioning Rear defrost, Pre-Conditioning Fan Speed, Pre-Conditioning AC mode, Cabin comfort preference name (Max 20 chars).
cvdc62_drive_conditions_x	Name for cabin comfort preference - Max 20 chars
cvdc62_drive_conditions_x	Index for drive conditioning
cvdc62_drive_conditions_x	Pre-Conditioning Fan Speed
cvdc62_drive_conditions_x	Pre-Conditioning HVAC Mode
cvdc62_drive_conditions_x	Pre-Conditioning Cabin temparature setting
cvdc62_drive_conditions_x	Pre-Conditioning Rear de-frost
cvdc62_drive_conditions_x	Pre-Conditioning Recirculation Mode
cvdc62_drive_conditions_x	Pre-Conditioning AC mode
cvdc62_ecus_x	Actual DTC value, Status of the ECU with respect to ECU (ECGTCU) communication, Additional information to the DTC value (mode $19 only element), Diagnostic Node Id for the Electronic Control Unit, Status of the DTC (e.g., confirmed, pending), Status of the ECU with respect to TCU communication.
cvdc62_ecus_x	Diagnostic Node Id for the Electronic Control Unit
cvdc62_ecus_x	Status of the ECU with respect to TCU communication with that specific ECU
cvdc62_ecus_x	DTC value information
cvdc62_ecus_x	Actual DTC value

cvdc62_ecus_x	Additional information to the DTC value - mode $19 only element
cvdc62_ecus_x	Status of the DTC - example confirmed pending..etc.
cvdc62_hmiscreens_x	Every HMI display shall have a unique screenId to be defined by cloud and ECU(ECGTCU) shall map the cloud defined screenIds to APIM HMI screens and screenID is out of scope for bundle 1 and hence SDN shall not populate.
cvdc62_hmiscreens_x	PromptType can be Initial_prompt, Information or Error. Based on the type the in-vehicle CCS Client will show different kinds of prompts (different layout and buttons)
cvdc62_hmiscreens_x	Every HMI display shall have a unique screenId to be defined by cloud and ECU(ECGTCU) shall map the cloud defined screenIds to APIM HMI screens screenID is out of scope for bundle 1 and hence SDN shall not populate.
cvdc62_hmiscreens_x	This is a placeholder for a string which can be displayed embedded in the text of the in-vehicle prompts
cvdc62_hmiscreens_x	This is a placeholder for a string which can be displayed embedded in the text of the in-vehicle prompts (variableText1)
cvdc62_hmiscreens_x	This is a placeholder for a string which can be displayed embedded in the text of the in-vehicle prompts (variableText2).
cvdc62_hmiscreens_x	the screenID parameter is referencing a messageCode based on which the CCS in-vehicle application displays the text on the prompts. The text is comming from a policy files that embedded in the vehicle software.

cvdc62_fald_chunk_r	This element to be only used for reporting a failure status. Set this element with the failed chunk number.
cvdc62_file_dnld_err_x	Enumeration for communicating firmwareconfig file download errors. TCU shall always set this.
cvdc62_file_download_err_x	Description of the error. TCU shall set this optionally.
cvdc62_firmware_reflash_stat_c	Enumeration for Firmware re-flash status. TCU shall always set this.
cvdc62_modfd_gps_x	TCU shall always set this flag
cvdc62_new_ownr_usr_d	New Owner's User Id. Cloud shall always set this.
cvdc62_alarm_stat_alarm_stat_trigr_caus_x	cause or reason behind a triggered alarm status
cvdc62_alarm_stat_alarm_stat_sensor_fault_flags_sirenfault_x	fault in the siren component of the alarm system
cvdc62_alarm_stat_alarm_stat_sensor_fault_flags_inclinationsensorfault_x	fault in the inclination sensor of the alarm system
cvdc62_alarm_stat_alarm_stat_sensor_fault_flags_volumetricsensorfault_x	fault in the volumetric sensor of the alarm system.
cvdc62_alarm_stat_alarm_stat_sensor_fault_flags_heartbeatsensorfault_x	fault related to the heartbeat sensor in the vehicle's alarm system
cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_remote_strt_flags_quiet_remote_strt_mode_x	flag or parameter related to a quiet remote start mode in a vehicle's remote start system.
cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_remote_strt_flags_remote_strt_x	status of the remote start feature in a vehicle, enabling the engine to be started remotely.
cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_durn_timer_x	duration timer setting in a remote start system for a vehicle.

cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_climflags_rear_defrost_x	status or activation of the rear defrost function in a vehicle's climate control system
cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_climflags_front_defrost_x	status or activation of the front defrost function in a vehicle's climate control system.
cvdc62_rstrtload_d_sttn_rstrtload_d_sttn_climflags_clim_mode_x	flag or parameter related to the climate control mode in a vehicle.
cvdc62_tire_press_placrd_frnt_r	Front Placard Tire Pressure
cvdc62_tire_press_placrd_rear_r	Rear Placard Tire Pressure
cvdc62_tire_press_lf_stat_x	Left Front Tire Pressure status
cvdc62_tire_press_lf_data_r	Left front tire pressure data (fault not directly encoded in parameter) and Left Front Tire Pressure Value
cvdc62_tire_press_rf_stat_x	Right Front Tire Pressure status
cvdc62_tire_press_rf_data_r	Right front tire pressure data (fault not directly encoded in parameter) and Right Front Tire Pressure value
cvdc62_tire_press_ilr_stat_x	Left inner Left Rear tire pressure status
cvdc62_tire_press_ilr_data_r	Left inner Left Rear tire pressure value
cvdc62_tire_press_irr_stat_x	Right inner Right Rear tire pressure status
cvdc62_tire_press_irr_data_r	Right inner Right Rear tire pressure value
cvdc62_tire_press_lr_olr_stat_x	Left Rear OLR Tire Pressure status
cvdc62_tire_press_lr_olr_data_r	Left Rear OLR Tire Pressure value and Left rear tire pressure data (fault not directly encoded in parameter)
cvdc62_tire_press_rr_orr_stat_x	Right Rear ORR Tire Pressure status

cvdc62_tire_press_rr_orr_data_r	Right rear tire pressure data (fault not directly encoded in parameter) and Right Rear ORR Tire Pressure value
cvdc62_vehlatcomp_a_actl_r	HSCAN signal for lateral acceleration CGEA 1.3
cvdc62_driversafetydata_prkbrkactv_b_actl_x	Park Brake Status- HSCAN Signal CGEA 1.3
cvdc62_driversafetydata_vehlongcomp_a_actl_r	Hard Braking- HSCAN Signal CGEA 1.3
cvdc62_publicsafetyservicedata_vehlongcomp_a_actl_r	HSCAN signal for Longitudinal Acceleration CGEA 1.3
cvdc62_vehyawcomp_w_actl_r	HSCAN signal for Yaw Rate CGEA 1.3
cvdc62_absactv_b_actl_x	ABS Event - HSCAN Signal CGEA 1.3
cvdc62_stabctlbrkactv_b_actl_x	Advanced Trac event - HSCAN Signal CGEA 1.3
cvdc62_cmbbbrkdecel_b_rq_r	Collision Mitigation Braking Event - Applying brake while decelerating - HSCAN Signal CGEA 1.3
cvdc62_cmbbbrkprchg_d_rq_r	Collision Mitigation Braking Event - brakes are pre-charging master cylinder - HSCAN Signal CGEA 1.3
cvdc62_daswarn_d_dsply_x	Driver Alert System warning to driver - HSCAN Signal CGEA 1.3
cvdc62_dasstats_d_dsply_x	driver alert system disabled by driver - HSCAN Signal CGEA 1.3
cvdc62_fcwaudiowarn_b_rq_x	Forward collision warning - HSCAN Signal CGEA 1.3
cvdc62_fcwmemstat_b_actl_x	Forward collision warning - Driver disabled - HSCAN Signal CGEA 1.3
cvdc62_fcwmemsens_d_actl_x	Forward collision warning - sensitivity change - HSCAN Signal CGEA 1.3
cvdc62_ldwactvstats_d_req_r	Lane departure event - HSCAN Signal CGEA 1.3

cvdc62_lkaactvstats_d_req_x	lane keeping aid event - HSCAN Signal CGEA 1.3
cvdc62_lahandsoff_d_dsply_x	Hands off the wheel - HSCAN Signal CGEA 1.3
cvdc62_laactvstats_d_dsply_x	Lane Keeping Aid or Lane Departure Warning Disabled - - HSCAN Signal CGEA 1.3
cvdc62_lscmbbpostevnt_b_dsply_x	Low Speed Collision Mitigation by Braking - HSCAN Signal CGEA 1.3
cvdc62_tracctlptactv_b_actl_x	Traction control event - Powertrain controlled - HSCAN Signal CGEA 1.3
cvdc62_tcmode_x	Traction control event - brake controlled - HSCAN Signal CGEA 1.3
cvdc62_trlr_sway_evnt_in_prog_x	Trailer sway event in progress - HSCAN Signal CGEA 1.3
cvdc62_awdrnge_d_actl_x	AWD or 4x4 engaged status - HSCAN Signal CGEA 1.3
cvdc62_ecallconfirmation_r	Indicates the status of the emergency call and return the eCallNotification signal to Normal state and eCall Event - HSCAN Signal CGEA 1.3
cvdc62_reardifflcklamp_d_rq_x	e-locker usage - HSCAN Signal CGEA 1.3
cvdc62_engidlshutdown_d_stat_x	Engine idle shutdown event - HSCAN Signal CGEA 1.3
cvdc62_vrm_btphonests_st_x	Pairing of cellular phone to Sync system - HSCAN Signal CGEA 1.3
cvdc62_engptomde_d_actl_x	Power Take Off or SEIC usage - HSCAN Signal CGEA 1.3
cvdc62_gearrvrseactv_d_actl_r	Reverse gear usage - HSCAN Signal CGEA 1.3
cvdc62_drvslipctlmde_b_rq_r	RSC turned off
cvdc62_drvslipctlmde_b_rq2_x	RSC turned off
cvdc62_drvslipctlmde_d_rq_x	RSC turned off

cvdc62_drvslipctlmdemsg_d_rq_x	RSC turned off
cvdc62_drvslipctlmde_d_ind_x	RSC turned off
cvdc62_cta_d_rq_x	BLIS Side Alert Disabled
cvdc62_sod_d_rq_x	BLIS Cross Alert Disabled
cvdc62_lscmbbstat_b_actl_x	Low Speed Collision Mitigation by Braking. Driver turned OffOn system
cvdc62_brktot_tq_rqarb_r	Pursuit Mode (PCM feature)
cvdc62_edrtriggerevntsync_x	EDR Triggered
cvdc62_reardifflckmsg_d_rq_x	E-Locker Driver Select
cvdc62_pwsysulofalt_d_stat_x	Load Shed Event
cvdc62_rstrnimpactevntstatus_x	Airbag Deployment- HSCAN Signal CGEA 1.3
cvdc62_btton_b_rq_r	BLIS with Trailer Tow
cvdc62_ecall_event_r	eCall Event - HSCAN Signal CGEA 1.3
cvdc62_ecallnotification_x	The purpose of this signal is communicate that a qualified impact event has occurred to initiate an emergency call.
cvdc62_fuelusedthisduration_r	Fuel used this duration - derived value based on HSCAN Signal CGEA 1.3 FuelFlw_Vl_Dsply micro liters
cvdc62_accumulatedmiles_r	Miles accumulated using fuel this duration - derived value
cvdc62_maximumspeed_r	Maximum Speed - Peak value of speed during this duration - based on HSCAN Signal CGEA 1.3 Veh_V_ActlEng
cvdc62_totalenginehours_r	Total Engine Hours
cvdc62_wificarriername_x	Name of the carrier
cvdc62_fordwificarrierphone_x	Carrier contact information
cvdc62_lincolnwificarrierphone_x	Carrier phone information - Lincoln brand

cvdc62_fordwificarrierlanding_pageurl_x	Carrier landing page URL - Ford brand
cvdc62_lincolnwificarrierlandingpageurl_x	Carrier landing page URL - Lincoln brand
cvdc62_wificarrierapn_x	Carrier Wifi APN
cvdc62_cellularcarrierapn_x	Carrier Cellular APN
cvdc62_configupdateerrorcode_x	Enumeration for communicating the errors related Configuration (Method2PartII GMRDB etc.) update errors.TCU shall always set this.
cvdc62_configupdateerrordescription_x	Description of the error. TCU shall set this.
cvdc62_sdnerrorcode_x	Error code from the ErrorCodeEnum
cvdc62_sdnerrordescription_x	Description of the error
cvdc62_fleetvehiclediagnosticdata_x	DID address onto which diagnostic request to be perfomed and Target ECU to which the diagnostic request should be sent
cvdc62_fleetvehiclediagnosticdata_x	Target ECU to which the diagnostic request should be sent
cvdc62_fleetvehiclediagnosticdata_x	DID address onto which diagnostic request to be perfomred
cvdc62_timeinterval_r	Time (in minutes) till master reset settings will be ACTIVATED This will be sent when Reset Control timer configuration needs to be changed
cvdc62_delaytimetostart_r	TCU shall start the diagnostic process with a delay(minutes) for first time after detecting Engine Run condition
cvdc62_fleetvehiclediagnosticresponsedata_x	Diagnostic DID Response Status Information
cvdc62_fleetvehiclediagnosticresponsedata_x	Target ECU on which the diagnostic request performed

cvdc62_fleetvehiclediagnosticresponsedata_x	DID address onto which diagnostic request perfomred
cvdc62_fleetvehiclediagnosticresponsedata_x	Diagnostic DID response data for the DID address
cvdc62_fleetvehiclediagnosticresponsedata_x	Diagnostic Response Status type
cvdc62_configapplymode_x	occurs during Key off event
cvdc62_config_updatestatus_x	Enumeration for configuration update status. TCU shall always set this.
cvdc62_refreshfromcarrier_x	TCU shall set YES to refresh data from Carrier set NO if to get last refreshed values from SDNCloud
cvdc62_sdnquerystatus_x	Cloud shall always set this to return Query response status
cvdc62_vehposdata_engclnt_te_actl_r	Crew Chief related signals HSCAN signal for Engine coolant temparature
cvdc62_vehposdata_gboxoil_te_actl_r	HSCAN signal for Transmission fluid temparature - Gear Box Oil temparature -
cvdc62_vehposdata_transfluidtemp_didval_r	Reference SPSS for specific DID addresses by vehicle program - derived value based on DID read by ECU(ECGTCU) This value is used if GboxOil_Te_Actl signal is unsupported
cvdc62_vehposdata_firstrowbuckledriver_x	HSCAN signal whether the first row driver seat is buckled
cvdc62_vehposdata_firstrowbucklepsngr_x	HSCAN signal whether the first row passenger seat is buckled
cvdc62_vehposdata_psngrfrntdetct_d_actl_x	HSCAN signal for Occupant in front passenger seat status
cvdc62_vehposdata_engaout_n_actl_r	HSCAN signal for Engine RPM - CEA1.3 and C1MCA
cvdc62_vehposdata_fuellvl_pc_dsply_r	HSCAN signal for Engine RPM - CEA1.3 and C1MCA
cvdc62_vehposdata_veh_v_actleng_r	Vehicle speed from CAN bus
cvdc62_vehposdata_odometermastervalue_r	Odometer value from CAN bus

cvdc62_vehposdata_fuelflw_vi_dsply_r	Rolling Counter Signal which indicates cumulative fuel consumed
cvdc62_reason_c	TCU shall set the one of the reason code when the Firmware upgradedownload process fails
cvdc62_msgmetadata_arrival_s	TMC ingestion timestamp information
cvdc62_icc_d_2	ICCID from TCU, SIM provided by the wireless carrier
cvdc62_imei_r_2	IMEI number from TCU
cvdc62_sim_imsi_x_2	IMSI of the SIM
cvdc62_sim_msisdn_x_2	MSISDN of the carrier SIM
cvdc62_charge_locations_x_2	contains information related to GPS module
cvdc62_charge_locations_x_2	shall ALWAYS be populated
cvdc62_charge_locations_x_2	shall ALWAYS be populated - possible values
cvdc62_charge_locations_x_2	
cvdc62_charge_locations_x_2	Actual start hour of the preferred charging price window for weekdays.
cvdc62_charge_locations_x_2	Actual start minute of the preferred charging price window on weekdays
cvdc62_charge_locations_x_2	Actual end hour of the preferred charging price window on weekdays
cvdc62_charge_locations_x_2	Actual end minute of the preferred charging price window on weekdays.
cvdc62_charge_locations_x_2	This should always be SUPER_OFF_PEAK
cvdc62_charge_locations_x_2	Actual start hour of the preferred charging price window for weekend.
cvdc62_charge_locations_x_2	Actual start minute of the preferred charging price window on weekend
cvdc62_charge_locations_x_2	Actual end hour of the preferred charging price window on weekend

cvdc62_charge_locations_x_2	Actual end minute of the preferred charging price window on weekend.
cvdc62_charge_locations_x_2	Default start hour for the weekday charging price window.
cvdc62_charge_locations_x_2	Default start minute for the weekday charging price window.
cvdc62_charge_locations_x_2	Default end hour for the weekday charging price window
cvdc62_charge_locations_x_2	Default end minute for the weekday charging price window.
cvdc62_charge_locations_x_2	Default start hour for the weekend charging price window.
cvdc62_charge_locations_x_2	Default start minute for the weekend charging price window.
cvdc62_charge_locations_x_2	Default end hour for the weekend charging price window
cvdc62_charge_locations_x_2	Default end minute for the weekend charging price window.
cvdc62_charge_locations_x_2	Compass direction from GPS module
cvdc62_charge_locations_x_2	Altitude from GPS module. Can have -ve values
cvdc62_charge_locations_x_2	HemisphereEast from GPS module
cvdc62_charge_locations_x_2	HemisphereSouth from GPS module
cvdc62_charge_locations_x_2	Fault from GPS module
cvdc62_charge_locations_x_2	Heading from GPS module
cvdc62_charge_locations_x_2	Speed from GPS module
cvdc62_charge_locations_x_2	Actual vs. Inferred position from GPS module
cvdc62_charge_locations_x_2	Dimension from GPS module
cvdc62_charge_locations_x_2	TCU shall always set this flag

cvdc62_charge_locations_x_2	Fault bits for wheel tick gyro accelerometer antenna
cvdc62_charge_locations_x_2	Fault bits for antenna in charge location
cvdc62_charge_locations_x_2	Fault bits for accelerometer in charge location
cvdc62_charge_locations_x_2	Fault bits for gyro in charge location
cvdc62_charge_locations_x_2	Fault bits for wheel tick in charge location
cvdc62_charge_locations_x_2	WGS84 heading in degrees
cvdc62_charge_locations_x_2	Latitude degrees from GPS module. Can have -ve valuesLatitude minutes decimal from GPS moduleLatitude minutes from GPS module
cvdc62_charge_locations_x_2	Longitude degrees from GPS module. Can have -ve valuesLongitude minutes decimal from GPS moduleLongitude minutes from GPS module
cvdc62_charge_locations_x_2	WGS84 altitude in meters
cvdc62_charge_locations_x_2	WGS84 velocity in kph
cvdc62_charge_locations_x_2	Compass direction
cvdc62_charge_locations_x_2	Number of GPS satellites in solution
cvdc62_charge_locations_x_2	Number of GLONASS satellites in solution
cvdc62_charge_locations_x_2	Number of Galileo satellites in solution
cvdc62_charge_locations_x_2	Number of compass satellites in solution
cvdc62_charge_locations_x_2	Fix type
cvdc62_charge_locations_x_2	Indicates whether the data is reliable or not

cvdc62_charge_locations_x_2	China shifted latitude integer portion in degreesChina shifted latitude fractional portion in degreesChina shifted latitude integer portion in degreesSign of China shifted latitude integer in degrees
cvdc62_charge_locations_x_2	China shifted latitude fractional portion in degreesChina shifted longitude integer portion in degreesSign of China shifted longitude integer in degrees
cvdc62_charge_locations_x_2	UTC hours from GPS module.UTC minutes from GPS moduleUTC seconds from GPS module.UTC day from GPS moduleUTC month from GPS moduleUTC year from GPS module
cvdc62_charge_locations_x_2	The month portion of GPS dateThe day portion of GPS dateThe hour portion of GPS timeThe minute portion of GPS timeThe seconds portion of GPS timeThe year portion of GPS date
cvdc62_gpshsphlongeast_d_actl_x_2	HemisphereEast from GPS module
cvdc62_gpshsphlattsth_d_actl_x_2	HemisphereSouth from GPS module
cvdc62_gps_b_falt_x_2	Fault from GPS module
cvdc62_gps_speed_r_2	Speed from GPS module
cvdc62_gps_actl_vs_infer_pos_x_2	Actual vs. Inferred position from GPS module
cvdc62_gps_dim_x_2	Dimension from GPS module
cvdc62_includelatlongenum_x_2	ECU(ECGTCU) shall always set this flag andTCU shall always set this flag
cvdc62_faultbitmask_antenna_fault_x_2	Fault bits for antenna
cvdc62_faultbitmask_accelerometer_fault_x_2	Fault bits for accelerometer
cvdc62_faultbitmask_gyro_fault_x_2	Fault bits for gyro
cvdc62_faultbitmask_wheel_tick_fault_x_2	Fault bits for wheel tick

cvdc62_event_state_x_2	EnumerationIdentifier for excessive idling beginend
cvdc62_vehposdata_gpshsphlongeast_d_actl_x_2	HemisphereEast from GPS module
cvdc62_vehposdata_gpshsphlattsth_d_actl_x_2	HemisphereSouth from GPS module
cvdc62_vehposdata_gps_b_falt_x_2	Fault from GPS module
cvdc62_vehposdata_gps_speed_r_2	Speed from GPS module
cvdc62_vehposdata_gps_actual_vs_infer_pos_x_2	Actual vs. Inferred position from GPS module
cvdc62_vehposdata_gps_dimension_x_2	Dimension from GPS module
cvdc62_vehposdata_includelatlongenum_x_2	TCU shall always set this flag
cvdc62_vehposdata_faultbitmask_antenna_fault_x_2	Fault bits for antenna in vehicleposition data
cvdc62_vehposdata_faultbitmask_accelerometer_fault_x_2	Fault bits for accelerometer in vehicleposition data
cvdc62_vehposdata_faultbitmask_gyro_fault_x_2	Fault bits for gyro in vehicleposition data
cvdc62_vehposdata_faultbitmask_wheel_tick_fault_x_2	Fault bits for wheel tick in vehicleposition data
cvdc62_firstrowbuckledriver_c_3	HSCAN signal whether the first row driver seat is buckled
cvdc62_firstrowbucklepsngr_c_3	HSCAN signal whether the first row passenger seat is buckled
cvdc62_vehlongcomp_a_actl_r_3	Hard Braking- HSCAN Signal CGEA 1.3
cvdc62_vehposdata_stopstrtdrvmde_d_indic_x_3	Stop Start Drive Mode Indicator

cvdc62_driversafetydata_vehlatcomp_a_actl_r_3	HSCAN signal for lateral acceleration CGEA 1.3
cvdc62_driversafetydata_vehyawcomp_w_actl_r_3	HSCAN signal for Yaw Rate CGEA 1.3
cvdc62_driversafetydata_apedpos_pc_actlarb_r_3	HSCAN signal for accelerated pedal position CGEA 1.3
cvdc62_anonymization_status_c_3	TCU shall set this flag for SDN to anonymize PII data
cvdc62_destinationcountrycode_x_3	TCU shall have a EOL configuration where Ford can write the WERS country code of vehicle destination
cvdc62_xev_event_timestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_batttracualrm_b_stat_x_3	Total HV Battery voltage warning status for HV battery voltage exceeding upper limit or lower limit.
cvdc62_batttracmil_d_rq_x_3	Request from the Traction (HV) battery system to illuminate the Malfunction Indicator Light (MIL).
cvdc62_batttraccell_umx_r_3	Maximum Voltage Sensor value of all HV Battery cells
cvdc62_batttraccell_umn_r_3	Minimum Voltage sensor value of all HV Battery cells
cvdc62_batttrac_e_avail_r_3	Battery Energy available
cvdc62_batttracinsltn_r_actl_r_3	HV System Insulation Resistance
cvdc62_batttraceq_b_actl_x_3	HV Battery Cell Equalization onoff status
cvdc62_batttracmxcell_te_actl_r_3	Maximum Temperature of HV Battery Cell Temperature Sensors.
cvdc62_batttracmncell_te_actl_r_3	Minimum Temperature of HV Battery Cell Temperature Sensors.
cvdc62_batttractemx_b_stat_x_3	HV Battery Maximum Temperature Threshold Warning Status

cvdc62_batttractemn_b_stat_x_3	HV Battery Minimum Temperature Threshold Warning Status
cvdc62_batttraccellcnt_no_actl_r_3	Total number of cell
cvdc62_batttraccellumx_no_actl_r_3	ID No. of cell with max. voltage
cvdc62_batttraccellumn_no_actl_r_3	ID No. of cell with min. voltage
cvdc62_batttractecnt_no_actl_r_3	Quantity of chargeable energy-storage temperature probes
cvdc62_batttractemx_no_actl_r_3	ID No. of single probe with max. temperature
cvdc62_batttractemn_no_actl_r_3	ID No. of single probe with min. temperature
cvdc62_batttractedelta_b_falt_x_3	Temperature difference warning
cvdc62_batttractemx_b_falt_x_3	Battery high-temperature warning
cvdc62_batttracumx_b_falt_x_3	Vehicle energy-storage device type over-voltage warning
cvdc62_batttracumn_b_falt_x_3	Vehicle energy-storage device type under-voltage warning
cvdc62_battchrgsocmn_b_falt_x_3	Low SOC Warning
cvdc62_battchrgsocmx_b_falt_x_3	Excessively-high SOC warning
cvdc62_battchrgsocerrtc_b_falt_x_3	SOC jump warning
cvdc62_batttracsoftware_b_falt_x_3	Chargeable energy-storage system unmatched warning
cvdc62_batttraccelldiff_b_falt_x_3	Cell poor-consistency warning
cvdc62_battchrgumx_b_falt_x_3	Vehicle energy-storage device t over-charging warning
cvdc62_batttracumx_b_stat_x_3	HV Battery Maximum Cell Voltage Threshold Warning Status
cvdc62_batttracumn_b_stat_x_3	HV Battery Minimum Cell Voltage Threshold Warning Status

cvdc62_batttracinsalrm_b_stat_x_3	HV Battery Insulation Alarm Warning Status.
cvdc62_mtrtrac2inv_te_actl_r_3	Traction Motor Inverter Temperature
cvdc62_mtrtrac2_w_actl_r_3	Traction Motor Rotation Speed
cvdc62_mtrtrac2coil_te_actl_r_3	Traction Motor Coil Temperature
cvdc62_mtrtrac2_u_actl_r_3	Traction Motor DC Voltage Equivalent.
cvdc62_mtrtrac2_i_actl_r_3	Traction Motor DC Motor Current Equivalent
cvdc62_mtrtrac2_tq_actl_r_3	Traction Motor Torque (Signed) in NM (+ torque moves vehicle in positive drive direction)
cvdc62_mtrtrac2falt_b_stat_x_3	Traction Motor Fault Status indicating Motor AvailableNot Available.
cvdc62_inv1_te_actl_r_3	Inverter System Controller Internal Temperature.
cvdc62_mtr2aout_w_actlmntr_r_3	Traction Motor Rotation Speed
cvdc62_htrnhvilopen_b_actl_x_3	Indicates status of High Voltage Interlock (HVIL) at the Hybrid Transaxle.
cvdc62_chrgrouthi_u_actl_r_3	Voltage of Battery Charger High Voltage Output as measured by the Charger.
cvdc62_chrgrouthi_i_actl_r_3	Current of Battery Charger High Voltage Output as measured by the Charger.
cvdc62_mtr2state_d_actlmntr_x_3	State of Electrical Machine
cvdc62_inv1ain_i_actlmntr_r_3	Current of DC bus of electrical machine controller
cvdc62_chrgstat_d_actlmntr_x_3	Charging State
cvdc62_hybvehmde_d_actlmntr_x_3	Operation Mode
cvdc62_mtr2cntltealrm_b_stat_x_3	Traction Motor Controller Temperature Warning Status
cvdc62_mtrtrac2tealrm_b_stat_x_3	Traction Motor Coil Temperature Warning Status.

cvdc62_htrnain_uhi_actl_r_3	Input Voltage of Electrical Machine Controller
cvdc62_eng_d_stat_x_3	Engine State
cvdc62_pwsrculoovrte_b_actl_x_3	High voltage DCDC (HDCDC) request for cooling from the high voltage battery system.
cvdc62_pwsrculoon_b_actl_x_3	Operating status of 12V power source.
cvdc62_pwsrculofalt_d_stat_x_3	DCDC Status warning - Fault status of 12V power source
cvdc62_abs_b_falt_x_3	EuCD should use this instead of ABSWarningLamp signal. Used for regenerative braking to limit compression braking levels and engine speed protection.
cvdc62_vehposdata_battulo_u_actl_r_3	Battery Low indicator
cvdc62_vehposdata_stopstrtiodtxt_d_rq_x_3	Stop Start Event Indicator
cvdc62_entity_settings_x_3	message Entity setting information
cvdc62_entity_settings_x_3	Unique sequencetransaction ID to track final consent changes applied
cvdc62_entity_settings_x_3	FeatureMETA identifer
cvdc62_entity_settings_x_3	message Entity
cvdc62_entity_settings_x_3	Captures opt inout selection from user
cvdc62_entity_settings_x_3	UTC day from cellular network(from TCU)UTC hours from cellular network(from TCU)UTC minutes from cellular network(from TCU)UTC month from cellular network(from TCU)UTC seconds from cellular network(from TCU)UTC year from cellular network(from TCU)UTC nanos from cellular network(from ECGTCU)

cvdc62_entity_settings_x_3	UTC Offset
cvdc62_entity_settings_x_3	Captures overall entity status (bAllow) information
cvdc62_entity_settings_x_3	Captures Forced Policy (fpAllow) information
cvdc62_entity_settings_x_3	Captures Policy (pAllow) information
cvdc62_entity_settings_x_3	Captures subscription (sAllow) information
cvdc62_policytableextension_filecontent_x_3	Uses 16 bits to identify file content
cvdc62_policytableextension_ccsfiletype_x_3	Uses 16 bits to identify ccs file type
cvdc62_policytableextension_fingerprintsha256_x_3	Uses 16 bits to identify fingerprint
cvdc62_policytableextension_majorversion_r_3	Use 16 bits to identify major version
cvdc62_policytableextension_minorversion_r_3	Use 16 bits to identify minor version
cvdc62_policytableextension_platformversion_r_3	Use 16 bits to identify platform version i.e. embedded modem and head-unit combination
cvdc62_userfriendlymessages_filecontent_x_3	Uses 16 bits to identify file content
cvdc62_userfriendlymessages_cssfiletype_x_3	Uses 16 bits to identify ccs file type
cvdc62_userfriendlymessages_fingerprintsha256_x_3	Uses 16 bits to identify fingerprint
cvdc62_userfriendlymessages_majorversion_r_3	Use 16 bits to identify major version
cvdc62_userfriendlymessages_minorversion_r_3	Use 16 bits to identify minor version

cvdc62_userfriendlymessages_platformversion_r_3	Use 16 bits to identify platform version i.e. embedded modem and head-unit combination
cvdc62_drivercharacteristicsdata_brktot_tq_rqarb_r_3	Pursuit Mode (PCM feature)
cvdc62_messagesource_r_3	Message Category information for VSDN and TCU.
cvdc62_wakeupsmsinvoked_r_3	Indicates whether or not a wakeup SMS was sent as part of the command or query response processing
cvdc62_ccsapplymode_x_3	SDNCloud always shall set this identifier for the module to to apply the changes immediatley or Delayed
cvdc62_responsecode_x_3	responseCode information
cvdc62_synchronizationstatus_x_3	represents synchronizationStatus
cvdc62_userfriendlymessagestimestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_policytableextensiontimestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_datalastupdatedtimestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_incarhectimestamp_s_3	Global clock day,month signal information
cvdc62_modemrtctimestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_diagnosticrequestexpirationtimestamp_s_3	contains UTC Timestamp information from cellular network(from TCU)
cvdc62_nextchargeendtimestamp_s_3	Next charge End Time timestamp information
cvdc62_nextchargestarttimestamp_s_3	Next charge Start Time timestamp information
cvdc62_totalidleruntime_r_3	Total Idle Run Hours
cvdc62_keyid_decoded_x_3	Contains decoded key id values

cvdc62_batterycellvoltagedata_x_3	Voltage information of cell No.80, No.67, No.21, No.11, No.93, No.81, No.64, No.32, No.65, No.3, No.73, No.84, No.18, No.61, No.39, No.49, No.94, No.42, No.24, No.27, No.70, No.34, No.75, No.41, No.29, No.31, No.69, No.58, No.89, No.4, No.16, No.59, No.40, No.60, No.38, No.86, No.1, No.76, No.35, No.52, No.28, No.17, No.68, No.36, No.95, No.7, No.10, No.2, No.74, No.51, No.37, No.22, No.14, No.43, No.77, No.48, No.9, No.56, No.78, No.46, No.8, No.45, No.96, No.90, No.83, No.44, No.5, No.85, No.19, No.71, No.88, No.47, No.23, No.62, No.13, No.26, No.55, No.63, No.53, No.20, No.79, No.54, No.91, No.66, No.92, No.57, No.82, No.6, No.33, No.72, No.30, No.50, No.25, No.87, No.12, No.15
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.1
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.2
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.3
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.4
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.5
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.6
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.7
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.8
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.9
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.10
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.11
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.12

cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.13
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.14
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.15
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.16
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.17
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.18
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.19
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.20
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.21
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.22
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.23
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.24
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.25
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.26
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.27
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.28
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.29
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.30
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.31
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.32
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.33

cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.34
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.35
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.36
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.37
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.38
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.39
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.40
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.41
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.42
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.43
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.44
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.45
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.46
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.47
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.48
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.49
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.50
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.51
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.52
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.53
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.54

cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.55
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.56
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.57
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.58
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.59
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.60
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.61
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.62
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.63
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.64
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.65
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.66
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.67
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.68
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.69
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.70
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.71
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.72
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.73
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.74
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.75

cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.76
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.77
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.78
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.79
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.80
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.81
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.82
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.83
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.84
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.85
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.86
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.87
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.88
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.89
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.90
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.91
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.92
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.93
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.94
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.95
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.96

cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.97
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.98
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.99
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.100
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.101
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.102
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.103
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.104
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.105
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.106
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.107
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.108
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.109
cvdc62_batterycellvoltagedata_x_3	Voltage of cell No.110
cvdc62_batteryprobetemperaturedata_x_3	Temp. info of probe No.9, No.7, No.2, No.10, No.5, No.1, No.17, No.11, No.18, No.8, No.12, No.6, No.13, No.15, No.4, No.14, No.19, No.3, No.16
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.1
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.2
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.3
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.4

cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.5
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.6
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.7
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.8
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.9
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.10
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.11
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.12
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.13
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.14
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.15
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.16
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.17
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.18
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.19
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.20
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.21
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.22

cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.23
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.24
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.25
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.26
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.27
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.28
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.29
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.30
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.31
cvdc62_batteryprobetemperaturedata_x_3	Temp. of Probe No.32
cvdc62_blemstate_x_3	BLEM provisioning state
cvdc62_modulemetadata_x_3	BLEM metadata sent from BLEM
cvdc62_chargeprofileclouddata_x_3	contains charge location,charge schedule,charge percentage and related information of the current Charge Profile
cvdc62_chargeprofileclouddata_x_3	Name of charge location of the current Charge Profile
cvdc62_chargeprofileclouddata_x_3	This shall only be populated when editing a charge profile
cvdc62_chargeprofileclouddata_x_3	Charge Schedule
cvdc62_chargeprofileclouddata_x_3	Target charge percentage - (Ref. ChrgToPcWkdySav_D_Stat and ChrgToPcWkndSav_D_Stat)
cvdc62_chargeprofileclouddata_x_3	Charge Schedule Window

cvdc62_chargeprofilecl ouddata_x_3	Hour in time for 24 hour clock
cvdc62_chargeprofilecl ouddata_x_3	Millisecond in time
cvdc62_chargeprofilecl ouddata_x_3	Minute in Time
cvdc62_chargeprofilecl ouddata_x_3	Second in time
cvdc62_chargeprofilecl ouddata_x_3	Charge schedule week day or week end enum
cvdc62_chargeprofilecl ouddata_x_3	Latitude or Longitude degreeLatitude or Longitude fractionTwo possible values: 0 - Negative; 1 - Positive
cvdc62_chargeprofilecl ouddata_x_3	Location id of saved charge location - cloud shall populate this(Ref. ChrgLocId_D_Sav)
cvdc62_chargeprofilecl ouddata_x_3	(Ref. ChrgLocId_D_Uns)
cvdc62_chargeprofilecl ouddata_x_3	Saved location status (ActiveInactive) (Ref. ChrgLocSaved_B_Dsply)
cvdc62_chargeprofilet cudata_x_3	contains charge location,charge schedule,charge percentage and related information of the current Charge Profile
cvdc62_chargeprofilet cudata_x_3	Latitude degreeLatitude fractionLatitude sign
cvdc62_chargeprofilet cudata_x_3	Longitude degreeLongitude fractionLongitude sign
cvdc62_chargeprofilet cudata_x_3	Name of charge location
cvdc62_chargeprofilet cudata_x_3	Charge location id for saved location
cvdc62_chargeprofilet cudata_x_3	Charge location id for unsaved location
cvdc62_chargeprofilet cudata_x_3	Defines the profile type (Value charge or Charge Now)
cvdc62_chargeprofilet cudata_x_3	Charge time window weekday - replaced ChrgPrflWkdy_No_Stat --> ChrgPrflWkdy_No_Actl
cvdc62_chargeprofilet cudata_x_3	WeekDay % of charge

cvdc62_chargeprofiletcudata_x_3	Charge time window weekend - replaced ChrgPrflWknd_No_Stat --> ChrgPrflWknd_No_Actl
cvdc62_chargeprofiletcudata_x_3	Weekend % of charge
cvdc62_chargeprofiletcudata_x_3	0-No 1-Yes.
cvdc62_chargeprofiletcudata_x_3	Enumeration indication whether the charge location has shifted GPS or not
cvdc62_chrggotallon_b_stat_x_3	Global go time onoff status
cvdc62_chrggotnext_d_stat_r_3	Next go time schedule ID
cvdc62_gotimescheduletcudata_x_3	GoTime ID information.TCU shall always send this value - pre conditioning temperature signal
cvdc62_gotimescheduletcudata_x_3	Calendar days
cvdc62_gotimescheduletcudata_x_3	GoTime ID information
cvdc62_gotimescheduletcudata_x_3	go time schedule idelement id
cvdc62_gotimescheduletcudata_x_3	GoTime hour
cvdc62_gotimescheduletcudata_x_3	GoTime Minute
cvdc62_gotimescheduletcudata_x_3	TCU shall always send this value - pre conditioning temperature signal
cvdc62_gotimescheduletcudata_x_3	0-No 1-Yes
cvdc62_security_valdn_reqd_x_3	Indicates if security validation is needed or not - 0: NO ; 1: YES
cvdc62_audiovolumedata_acu_ruaudiosource_st_r_3	signal for Audio Source
cvdc62_audiovolumedata_acu_ruresreqststatus_st_r_3	signal for Audio Source request status
cvdc62_audiovolumedata_acu_volume_st_r_3	signal for Audio volume

cvdc62_audiovolumedata_dsp_audio_vol_level_st_r_3	signal for DSP Amp Audio Volume Level status
cvdc62_audiovolumedata_dsp_audio_volume_up_st_x_3	signal for DSP Amp Audio Volume Update status
cvdc62_steeringwheelangledata_stepincomp_an_est_r_3	HSCAN signal for Compensated steering pinion angle
cvdc62_steeringwheelangledata_stepincompanest_d_qf_x_3	HSCAN signal for Compensated SPA Quality Factor
cvdc62_drivingbehaviourdata_x_3	This contains driving behavior data, encompassing: GPS information from both shifted and unshifted sources (latitude, longitude, altitude, speed, heading, satellite data, timestamps, fix type), vehicle dynamics (speed, lateral and longitudinal acceleration), driver seatbelt status, GPS fault flags, and paired phone usage.
cvdc62_drivingbehaviourdata_x_3	HSCAN signal whether the first row driver seat is buckled
cvdc62_drivingbehaviourdata_x_3	Compass direction
cvdc62_drivingbehaviourdata_x_3	Number of compass satellites in solution
cvdc62_drivingbehaviourdata_x_3	Indicates whether the data is reliable or not
cvdc62_drivingbehaviourdata_x_3	Fault bits for wheel tick gyro accelerometer antenna
cvdc62_drivingbehaviourdata_x_3	Fault bits for accelerometer
cvdc62_drivingbehaviourdata_x_3	Fault bits for antenna
cvdc62_drivingbehaviourdata_x_3	Fault bits for gyro
cvdc62_drivingbehaviourdata_x_3	Fault bits for wheel tick
cvdc62_drivingbehaviourdata_x_3	Fix type

cvdc62_drivingbehaviourdata_x_3	Number of Galileo satellites in solution
cvdc62_drivingbehaviourdata_x_3	Number of GLONASS satellites in solution
cvdc62_drivingbehaviourdata_x_3	Number of GPS satellites in solution
cvdc62_drivingbehaviourdata_x_3	WGS84 heading in degrees
cvdc62_drivingbehaviourdata_x_3	China shifted latitude fractional portion in degrees
cvdc62_drivingbehaviourdata_x_3	China shifted longitude fractional portion in degrees
cvdc62_drivingbehaviourdata_x_3	WGS84 altitude in meters
cvdc62_drivingbehaviourdata_x_3	WGS84 velocity in kph
cvdc62_drivingbehaviourdata_x_3	Actual vs. Inferred position from GPS module
cvdc62_drivingbehaviourdata_x_3	Fault from GPS module
cvdc62_drivingbehaviourdata_x_3	Compass direction from GPS module
cvdc62_drivingbehaviourdata_x_3	Dimension from GPS module
cvdc62_drivingbehaviourdata_x_3	Heading from GPS module
cvdc62_drivingbehaviourdata_x_3	Altitude from GPS module. Can have -ve values
cvdc62_drivingbehaviourdata_x_3	Speed from GPS module
cvdc62_drivingbehaviourdata_x_3	HemisphereSouth from GPS module
cvdc62_drivingbehaviourdata_x_3	HemisphereEast from GPS module
cvdc62_drivingbehaviourdata_x_3	TCU shall always set this flag
cvdc62_drivingbehaviourdata_x_3	Latitude degrees from GPS module. Can have -ve values
cvdc62_drivingbehaviourdata_x_3	Longitude degrees from GPS module. Can have -ve values

cvdc62_drivingbehaviourdata_x_3	Vehicle speed from CAN bus
cvdc62_drivingbehaviourdata_x_3	HSCAN signal for lateral acceleration CGEA 1.3
cvdc62_drivingbehaviourdata_x_3	Hard Braking- HSCAN Signal CGEA 1.3
cvdc62_drivingbehaviourdata_x_3	Paired Phone usage
cvdc62_drivingbehaviourdata_x_3	UTC hours from GPS module.UTC minutes from GPS moduleUTC seconds from GPS module.UTC day from GPS moduleUTC month from GPS moduleUTC year from GPS module
cvdc62_drivingbehaviourdata_x_3	The month portion of GPS dateThe day portion of GPS dateThe hour portion of GPS timeThe minute portion of GPS timeThe seconds portion of GPS timeThe year portion of GPS date
cvdc62_drivingbehaviourdata_x_3	latitude fractional portion in degreeslatitude integer portion in degreeslatitude sign
cvdc62_drivingbehaviourdata_x_3	longitude fractional portion in degreeslongitude integer portion in degreeslongitude sign
cvdc62_drivingbehaviourdata_x_3	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_drivingbehaviourdata_x_3	heading in degrees from GPS module
cvdc62_drivingbehaviourdata_x_3	Fix Type from GPS module
cvdc62_drivingbehaviourdata_x_3	Altitude in meters from GPS module. Can have -ve values
cvdc62_drivingbehaviourdata_x_3	UTC Month from GPS moduleUTC Day from GPS moduleUTC Hours from GPS moduleUTC Minutes from GPS moduleUTC Seconds from GPS moduleUTC year from GPS module

cvdc62_drivingbehaviourdata_x_3	Speed in KPH from GPS module
cvdc62_drivingbehaviourdata_x_3	Indicator for the GPS type (Shifted vs Unshifted)
cvdc62_drivingbehaviourdata_x_3	Samplingtime.Utcdatetime.UTCDaySamplingtime.Utcdatetime.UTCHourSamplingtime.Utcdatetime.UTCMillisSamplingtime.Utcdatetime.UTCMinSamplingtime.Utcdatetime.UTCMonthSamplingtime.Utcdatetime.UTCSecondSamplingtime.Utcdatetime.UTCYear
cvdc62_drivingbehaviourdata_x_3	UTC Offset
cvdc62_drivingbehaviourdata_x_3	Latitude degrees, Latitude minutes decimal, Latitude minutes from GPS module. Can have -ve values
cvdc62_drivingbehaviourdata_x_3	Longitude degrees, Longitude minutes decimal, Longitude minutes from GPS module. Can have -ve values
cvdc62_drivingbehaviourdata_x_3	UTC Timestamp information from GPS module
cvdc62_drivingbehaviourdata_x_3	Signal is to measure the distance to object in front in meters Longitudinal distance from front centerline of host vehicle to CMbB Object. When there is no CMbB-identified collision threat this signal will report 'NoDataExists'.
cvdc62_gotimescheduleclouddata_x_3	Go time schedule idelement id and timestamp information
cvdc62_gotimescheduleclouddata_x_3	Calendar days
cvdc62_gotimescheduleclouddata_x_3	Go Time schedule information
cvdc62_gotimescheduleclouddata_x_3	Hour in time for 24 hour clock
cvdc62_gotimescheduleclouddata_x_3	Millisecond in time
cvdc62_gotimescheduleclouddata_x_3	Minute in Time

cvdc62_gotimeschedulecloudata_x_3	Second in time
cvdc62_gotimeschedulecloudata_x_3	pre-conditioning temperature - pre conditionins temp(Ref. ChrgGoTPrcond_D_Stat)
cvdc62_gotimeschedulecloudata_x_3	Go time schedule idelement id - (Ref. ChrgGoTElement_D_Stat)
cvdc62_gotimeschedulecloudata_x_3	Go Time schedule status (ActiveInactive) (Ref. ChrgGoTElement_B_Dsply)
cvdc62_vehposdata_ignition_stat_x_3	Ignition status from CAN bus
cvdc62_chrgrinpwmde_d_actl_x_3	Charge Power Type
cvdc62_drivercharacteristicsdata_ecococha_pc_dsply_r_3	Accumulated acceleration coaching score during a drive cycle (btw key cycle)
cvdc62_drivercharacteristicsdata_ecocochcrus_pc_dsply_r_3	Accumulated vehicle speed cruising coaching score during a drive cycle (btw key cycle)
cvdc62_drivercharacteristicsdata_ecocochdecel_pc_dsply_r_3	Accumulated deceleration coaching score during a drive cycle (btw key cycle)
cvdc62_drivercharacteristicsdata_ecocochidlfuel_pc_dsply_r_3	Percentage of vehicle idle (vehicle stop) equivalent fuel use during a drive cycle (btw key cycle)
cvdc62_drivercharacteristicsdata_ecocochinst_pc_dsply_r_3	Instantaneous display for real time Eco driving coaching on acceleration and vehicle speed cruising
cvdc62_drivercharacteristicsdata_ecocochinstneg_b_dsply_x_3	Indication of direction of EcoCochInst_Pc_Dsply to the driver
cvdc62_drivercharacteristicsdata_ecocochshif_pc_dsply_r_3	Accumulated shift coaching score during a drive cycle (btw key cycle)
cvdc62_fuellvlwarn_d_actl_x_3	Fuel level low signal EV
cvdc62_ntfydrvtrgtdist_l_rq_r_3	Charge to distance.This is FTCP variable where the actual signal should be mapped to this variable as per the SPSS

cvdc62_plgactvarb_b_dsply_x_3	plug status data
cvdc62_xev_err_details_err_x_3	Description of the error codes
cvdc62_ev_err_codes_x_3	Error codes for updating charge programming information. TCU shall set this
cvdc62_backup_pwd_stat_resp_x_3	Response from BLEM for LBI events
cvdc62_cakresponse_x_3	Response from the module which stores CAK and this is signed by the module
cvdc62_chrg_profile_action_stat_x_3	Status Code for Charge Profile Data modification - to be populated only for correlated alert
cvdc62_chrg_pgm_action_stat_x_3	Status code for getting user charge programming data
cvdc62_go_times_action_stat_x_3	Contains following Status code:Go Time Off - to be populated only for correlated alerts,Go Times On - to be populated for correlated alerts,Go Time Data modification - to be populated only for correlated alerts
cvdc62_remove_reqs_data_x_3	Data to be sent to BLEM to remove CAKs. This data is encrypted and signed and TCU would not be able to decrypt this
cvdc62_trip_ready_sco_action_stat_x_3	Status of setting trip ready SOC
cvdc62_trip_soc_in_dist_r_3	charge to range - cloud shall set this
cvdc62_trip_soc_in_pct_r_3	charge to percentage - cloud shall set this
cvdc62_onln_trffc_txn_sess_d_3	Session Id of Session Query Response or OLT Session ID
cvdc62_haz_rpt_extra_dat_x_3	traffic sign related data
cvdc62_haz_rpt_type_r_3	Hazard report Type
cvdc62_svrty_x_3	Severity of the event

cvdc62_autorgentxt_b_rqdsply_x_3	The operation mode of the automatic (normal) exhaust filter cleaning function in the Engine Control Module
cvdc62_dieslprtc2_d_rqdsply_x_3	Diesel Particulate Filter regeneration status message
cvdc62_engexhovrte_b_rqdsply_x_3	Indicator that engine is shutting down due to high exhaust temperature.
cvdc62_diesel_sys_stat_data_engidlshutdown_d_stat_x_3	To inform that the engine is about to shutdown due to long continuous idle operation.
cvdc62_fuelfilterlamp_b_dsply_x_3	Signal from Low fuel pressure feature to alert customer to check fuel filters.
cvdc62_manrgensoot_pc_rqdsply_r_3	Diesel Particulate Filter (DPF) Soot Load
cvdc62_manrgentxt_d_rqdsply_x_3	Manual Diesel Particulate Filter (DPF) Regeneration error message
cvdc62_metricactv_b_actl_x_3	Indicates units type - English or Metric
cvdc62_urealvltxt_d_rqdsply_x_3	Indicates the low urea level
cvdc62_urealvl_pc_actl_r_3	Indicates the diesel exhaust fluid level as a percentage.
cvdc62_ureaqltyflg_b_rqdsply_x_3	required as a response to driver for the various states of the signal: UreaQltySys_D_RqDsply
cvdc62_ureaqltysys_d_rqdsply_x_3	low urea quality or system error
cvdc62_vehurearnge2_l_dsplymx_r_3	The distance before urea will run out
cvdc62_vehurearnge3_l_dsplymx_r_3	Unitless Urea Distance to Empty display signal to cluster.and Indicating the driver the remaining urea quantity in the appropriate format (miles or km depending on signal MetricActv_B_Actl)
cvdc62_vehureawarn_v_dsplymx_r_3	Speed limit during Low urea warning mode.
cvdc62_water_in_fuel_x_3	that is designed to trap any water that may be mixed with the fuel.

cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input10,Input8,Input4,Input2,Input9,Input5,Input7,Input3,Input12,Input1,Input11,Input6 logical state and out of range status
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input1 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input2 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input3 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input4 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input5 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input6 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input7 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input8 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input9 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input10 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input11 logical state and out of range status.
cvdc62_upfitter_digital_inputs_x_3	Upfitter Digital Input12 logical state and out of range status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output4,output7,output2,output8,output6,output1,output5,output3 state and fault status
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output1 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output2 state and fault status.

cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output3 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output4 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output5 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output6 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output7 state and fault status.
cvdc62_upfitter_hi_side_digital_outputs_x_3	Upfitter high side digital output8 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output5,output6,output3,output4,output2,output1,output7 state and fault status
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output1 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output2 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output3 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output4 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output5 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output6 state and fault status.
cvdc62_upfitter_lo_side_digital_outputs_x_3	Upfitter low side digital output7 state and fault status.
cvdc62_chrglocidcurnt_d_sav_r_3	Indicates if vehicle has ignition off at a saved location. Signal will provide the location ID of the current saved location the Vehicle is at.
cvdc62_chrgstat_d2_dsply_x_3	Indicates high voltage charging system status.Signal to indicate the current status of the charge

cvdc62_cak_revoke_reas_x_3	Describes the cause for the key revoke
cvdc62_cak_status_x_3	Describes whether an add or revoke was successful or not
cvdc62_reset_type_x_3	Identifier to indicate the Brand Connect Reset or master reset
cvdc62_ntfctnconflict1_d_rq_x_3	Signal to indicate vehicle is charging outside time window or Vehicle may not reach the desired charge level.
cvdc62_nxtusgsocest_pc_dsply_r_3	Estimated level of charge for next departure time when there is a conflict and vehicle cannot charge to desired target
cvdc62_app_crltn_d_3	AU Command ID that is assigned to every command that is triggered from TMC API (command api or oem commands api) and the purpose of this is to solve for the scenario where an application developer triggered a TMC API and wants to find the corresponding RAW command message.
cvdc62_enqueue_time_s_3	Timestamp in which the message was queued to be published in the event hub.
cvdc62_floating_car_data_pos_x_3	longitude of data point in WGS84 format, degrees with decimals, 6 decimals precision. WGS-84 unless superseded by regional requirement, resolution 6 decimals,3D Estimated Error for Floating Car Data,vehicle speed in ms,latitude of data point in WGS84 format, degrees with decimals, 6 decimals precision. WGS-84 unless superseded by regional requirement, resolution 6 decimals
cvdc62_floating_car_data_pos_x_3	3D Estimated Error for Floating Car Data
cvdc62_floating_car_data_pos_x_3	vehicle heading in degrees

cvdc62_floating_car_data_pos_x_3	latitude of data point in WGS84 format, degrees with decimals, 6 decimals precision. WGS-84 unless superseded by regional requirement, resolution 6 decimals
cvdc62_floating_car_data_pos_x_3	longitude of data point in WGS84 format, degrees with decimals, 6 decimals precision. WGS-84 unless superseded by regional requirement, resolution 6 decimals
cvdc62_floating_car_data_pos_x_3	vehicle speed in ms
cvdc62_floating_car_data_pos_x_3	timestamp for data in UTC in seconds since 1.1.1970
cvdc62_batttrac2_e_avail_r_3	Available high voltage traction battery energy in watt hours
cvdc62_proupdateeventsource_x_3	The source type (HMI switch External Physical switch) for charge profile update event
cvdc62_appid_r_3	Feature Id (e.g. unique id for DriveID or RouteDispatch feature)
cvdc62_compressed_x_3	Specifies if the payload is compressed or not
cvdc62_tpfunctionmetadata_fingerprintsha256_x_3	digest for the payload
cvdc62_tpfunctionmetadatafunctionid_r_3	Function Id in each app
cvdc62_hasdigest_x_3	Identifies if digest for the payload is available or not
cvdc62_messageindex_r_3	Message Index inside each function
cvdc62_payloadlength_r_3	Length of payload in number of bytes
cvdc62_securitytype_x_3	Specifies if payload is SyncP encoded or not
cvdc62_tpchannel_x_3	TP channel selection

cvdc62_tpfunctionmetadata_version_r_3	Payload version information
cvdc62_paniconduration_r_3	Panic ON Duration(Units: seconds)
cvdc62_chirporhonkduration_r_3	Time Duration(Units : seconds).How long TCU shall send the chirp request to BCM
cvdc62_chirptype_x_3	Type of Chirp to be sent from TCU to BCM
cvdc62_intervalbtwreqs_r_3	Delay between consecutive chirp requests from TCU to BCM(Units: seconds)
cvdc62_chirpandflashduration_r_3	Time Duration(Units : seconds).How long TCU shall send the lock request to BCM
cvdc62_intervalbtwlockreqs_r_3	Delay between consecutive lock requests from TCU to BCM(Units: seconds)
cvdc62_tpfunctionpayload_x_3	APIM payload data
cvdc62_asustate_x_3	Enumeration to indicate Automatic Software Update Settings
cvdc62_activationfailurereason_x_3	Message structure for error details. ECU shall ONLY set this upon any error condition
cvdc62_bleautopairstatus_x_3	Enumeration for BLE auto-pair status
cvdc62_bleautopairingfailurereason_x_3	Enumeration for BLE Auto Pairing Failure reason.ECU shall set only when the BLEautoPairStatus is AUTO_PAIR_FAILED
cvdc62_ecuid_x_3	CAN ID for the ECUModule.Common proto- This will be sent by the individual application as part of the request.WIR proto-ECU ID : Electronic Control Unit ID
cvdc62_resetcontrolstatus_x_3	Reset Control Status Type
cvdc62_accesstoken_x_3	The access token - string representing an authorization issued
cvdc62_accesstokenexpirytime_r_3	This defines the Expiry Time in seconds for the token

cvdc62_action_x_3	Video Streaming Control Action.Enumeration for PIN specific Action
cvdc62_activitystatus_x_3	Enumeration for off Peak activity status. ECG shall always set this.
cvdc62_additionalconsentinfourl_x_3	URL to download additional consent information
cvdc62_attemptedresettype_x_3	Enumeration to indicate the type of reset attempted when Reset Control is Deactivated
cvdc62_balanceinsubscription_r_3	Subscription balance available after charge
cvdc62_blemstatus_x_3	BLEM provisioning status
cvdc62_campaignid_x_3	Unique Identifier for IVSU Cloud Trigger
cvdc62_cancellocationreportingstatus_x_3	Enumeration for Location Report Status
cvdc62_cbzroadclasstype_x_3	Message containing RoadClassTypeENUM
cvdc62_certrevokereason_x_3	Set this enumeration only during certificate deletion and describes the cause for the certificate revoke
cvdc62_certrevokestatus_x_3	Set this enumeration only during revoke with the actual status
cvdc62_chargestationid_x_3	Charge station contains TLS & EVSE ID Information
cvdc62_chrgstatschedule_x_3	Charging Station schedule
cvdc62_configapplytype_x_3	SDNCloud always shall set this identifier for the module to apply the configuration changes immediately or Delayed(during Key off event)
cvdc62_currencytype_x_3	Type of Currency for HMI display
cvdc62_datathrottlesizelimit_r_3	Data throttling size
cvdc62_datathrottletimelimit_r_3	Data throttling time limit in seconds

cvdc62_datausageuom_x_3	DataUsage unit of Measure
cvdc62_delstatus_x_3	Enumeration for CommandStatus. ECG shall always set this.
cvdc62_deploymentid_x_3	Unique Identifier for Cloud Deployment
cvdc62_displayinfourl_x_3	URL to download software release note
cvdc62_peripheralprovisioningstate_x_3	Peripheral ECU Provisioning State,OBCC Provisioning State,DSRC Provisioning State,SYNC Provisioning State
cvdc62_duration_r_3	The duration is the maximum time allowed for the off peak activity for this request in seconds
cvdc62_ecuname_x_3	In responses and alerts ECU MUST populate this with its own identity for the message to be considered valid.ECU whose telemetry campaign is being queried.
cvdc62_ecurebooterrorcode_x_3	Set Error code only when ECURebootStatusENUM is FAILED
cvdc62_ecurebootstatus_x_3	ECU Reboot Status
cvdc62_encodedbleautopairkeydata_x_3	Cloud shall set this field only if BLE Key Data needs to be Sync-P encoded.The BLE Key data structure shall be same as the BLEAutoPairKeyData, Refer feature specification Based on the encodingType (Encrypted/Signed) the encodingType enum type shall be set
cvdc62_encodedprofiledata_x_3	Cloud shall set this field only if profile data needs to be Sync-P encoded. The profile data structure shall be same as the ProfileData. Based on the encodingType (Encrypted/Signed) the encodingType enum type shall be set.

cvdc62_encodingtype_x_3	Indicator whether the profile data is encoded or not. This shall be set for both with or without encoded BLE Key data.
cvdc62_errorcodes_x_3	Enumeration of error codes of Software Update
cvdc62_errordesc_x_3	Error description
cvdc62_errordetail_x_3	Message structure for command error details. ECU(ECGTCU) shall only set this upon any error condition
cvdc62_errorresponse_x_3	Message structure for error details. ECG shall ONLY set this upon any error condition
cvdc62_esn_json_x_3	Ford Electronic Serial Number
cvdc62_esn_json_x_3	Electronic Serial Number
cvdc62_failuredescription_x_3	Enumeration for Failure Description. ECU shall set only when the BLEautoPairStatus is failed|Enumeration for Failure Description
cvdc62_failurereasoncode_x_3	Message structure to report failure reason to start the trailer check (Initiated from HMIMobile App) and Rejection Reason for operation mode change
cvdc62_failurereasonenum_x_3	Enumeration for Failure reason,this shall be populated only when the PortableProfileSetupStatusENUM is FAILED
cvdc62_featureid_x_3	For Query -This will be sent by the individual application as part of the request,For Command- Feature ID - Each application has a global feature ID used by WIR to identify applications
cvdc62_functionmsgname_x_3	Function Data message name e.g. LockCommand LockCommandResponse OnlineTrafficQuery OnlineTrafficQueryResponse

cvdc62_getconfigstatus_x_3	Enumeration for configuration update status. ECUApplication shall always set this.
cvdc62_hrvctype_x_3	HRVC type
cvdc62_hrvc_buffer_r_3	HRVC Buffer
cvdc62_hrvc_crc16_r_3	TCUAlert for crc16
cvdc62_hrvc_msgid_r_3	Counter to identify change
cvdc62_inhibitstatus_x_3	Enumeration to indicate vehicle inhibit status
cvdc62_instruction_x_3	Instruction
cvdc62_instructionvalue_r_3	Instruction Value
cvdc62_ivsuexpirationhours_r_3	Expiration timeduration for an update from cloud to vehicle.Unit of measure in hours
cvdc62_lowerlimit_r_3	Speed Range - Lower limit = 0 kph (Default value)
cvdc62_managecertrequest_x_3	This byte stream is SyncP Signed & Encrypted for OBCC to consume it
cvdc62_minsocpercentage_r_3	Minimum charge to percentage value for all Smart Charge Profiles
cvdc62_missionid_x_3	Unique Mission Identifier (36 characters auto generated)
cvdc62_msgtype_x_3	Enumeration to specify Message Type
cvdc62_notificationstate_x_3	Enumeration indicating notification settings
cvdc62_optinstatus_x_3	Command-This byte stream is SyncP Signed & Encrypted in order for OBCC to consume it,Alert-This byte stream is SyncP Signed & Encrypted for Cloud to consume it

cvdc62_optoutstatus_x_3	Message structure to Optout PnC feature.This byte stream is SyncP Signed & Encrypted in order for OBCC to consume it
cvdc62_otauserconsent_r_3	Informs IVSUOTA to popup and get additional user consent for OTA Campaign
cvdc62_paymentstatus_x_3	Payment Status Enumeration
cvdc62_pnccertinfo_x_3	This byte stream is SyncP Signed & Encrypted for Cloud to consume it
cvdc62_pncstationtype_x_3	Message containing PnCStationTypeENUM
cvdc62_policyupdatestatus_x_3	Enumeration policy update status. ECG shall always set this.
cvdc62_powermodetype_x_3	enumeration for the power mode type
cvdc62_profileupdateeventsource_x_3	The source type (HMI switch External Physical switch) for charge profile update event
cvdc62_provisioningmethod_x_3	Provisioning Method
cvdc62_pvrequired_x_3	This indicates whether a PolicyValidation required or not at the cloud before issuing access token.
cvdc62_redirecturl_x_3	For future usage - It is the download URL that is provided by the content provider from where content can be accessed
cvdc62_refreshtoken_x_3	This token is used to acquire additional access tokens when the current access token expires.Refresh tokens are long-lived
cvdc62_refreshtokenexpirytime_r_3	Expiry Time in seconds
cvdc62_reportingtimeduration_r_3	Theft mode reporting time durationfrequency (Measured in Seconds)
cvdc62_resetstatus_x_3	reset status information
cvdc62_revoketokenstatus_x_3	Enumeration for off Peak activity status. ECG shall always set this.

cvdc62_rsdcollconfiguration_x_3	RSD Collection Configuration status
cvdc62_rsdconfigurationstatus_x_3	RSD Collection Configuration Command Status
cvdc62_scprofileactionstatus_x_3	Status Code for Charge Profile Data modification - to be populated only for correlated alert
cvdc62_scope_x_3	Defines what the access token can do and what resources it can access.
cvdc62_scope_x_3	Query-Scope of the Access Token, QueryResponse- Defines what the access token can do and what resources it can access.
cvdc62_sdpanswer_x_3	Session Description Protocol Parameters for Streaming
cvdc62_sdpoffer_x_3	Session Description Protocol Offer String for Streaming Client
cvdc62_signalname_x_3	List of signals that cannot be collected or List of Mismatched signals
cvdc62_statusupdatetype_x_3	Indicates the type of Mission Status Update
cvdc62_tcuprovstate_x_3	TCU Provisioning State
cvdc62_tokentype_x_3	This defines the type of token e.g: Bearer Mac. This is Oauth2 Standard parameter
cvdc62_totalcost_r_3	Total Cost for this charge
cvdc62_totaldistanceadded_r_3	Alert-Total distance calculated by leveraging this signal VehElRnge_L2_Dsply data before and after charge
cvdc62_totalprovisioningtime_r_3	Total time taken for provisioning to make it to PROVISIONED state.Unit of measure in minutes
cvdc62_totaltimepluggedin_r_3	Total time plugged calculated by leveraging this signal PlgActv_D_ActlChrgr state (Unit:Seconds)
cvdc62_triggertype_x_3	Trigger Type from cloud
cvdc62_tripid_x_3	Unique Trip Identifier (16 bytes, auto generated) uint128

cvdc62_tripreadysoctype_x_3	charge to % - cloud shall set this
cvdc62_turnofffailurereason_x_3	Message structure for failure reason Populate this when the cmdStatus is FAILED
cvdc62_turnonfailurereason_x_3	Message structure for failure reason Populate this when the cmdStatus is FAILED
cvdc62_unauthorizedaccessreason_x_3	Reason for Unauthorized Access
cvdc62_uniqueid_x_3	Unique Token Request ID - used for end to end trace ability. Earlier known as tokenRequestID.
cvdc62_updatefailurereason_x_3	Message structure for failure reason Populate this when the cmdStatus is FAILED
cvdc62_updatestatus_x_3	Enumeration for User Profile update Status
cvdc62_upperlimit_r_3	Speed Range - Upper limit = 180 kph (Default value)
cvdc62_vehicleid_x_3	Unique Vehicle Identifier (36 characters) - extracted from VIN
cvdc62_vehicleinterrogatorposturl_x_3	URL to which the vehicle shall post the Interrogator log upon beginning upgrade process and completing the same
cvdc62_videosource_x_3	Camera Source for the video
cvdc62_wirpolicyupdateerrordescription_x_3	Message structure for error details. ECG shall ONLY set this upon any error condition
cvdc62_wirwifidiagreqid_x_3	Unique ID for Wi-Fi Diagnostic Request
cvdc62_zonelightingfaultstatus_x_3	Message structure to Zone Lighting Fault Status
cvdc62_zoneonfailurereason_x_3	Message structure for failure reason Populate this when the cmdStatus is FAILED
cvdc62_zonetype_x_3	Enumeration for the zone type

cvdc62_accesstokenerrordetail_errordescription_x_3	Description of the error
cvdc62_appdatausagestatistics_x_3	Contains Data Usage Data UOM information. Each application has a global feature ID used by WIR to identify applications
cvdc62_appdatausagestatistics_x_3	Data Usage
cvdc62_appdatausagestatistics_x_3	Data UOM
cvdc62_appdatausagestatistics_x_3	Feature ID - Each application has a global feature ID used by WIR to identify applications
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	contains classification of data usage or streaming,Connection type ID,Data UOM,Received Data Usage,duration unit of measure,Time Duration,Sent Data Usage,App name - Each application has a unique application used by WIR to identify applications
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Datausage by connection type information
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Connection type ID
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Data UOM
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Received Data Usage
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Sent Data Usage

cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	classification of data usage or streaming
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	Time Duration
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	duration unit of measure
cvdc62_appdatausagestatisticsdata_datausagebyconnectiontype_x_3	App name - Each application has a unique application used by WIR to identify applications
cvdc62_asuactivescheduletimestamp_s_3	UTC Timstamp Information
cvdc62_method_x_3	Indicator of typemethod of Authentication
cvdc62_retrycount_r_3	Number of attempts made to authenticate
cvdc62_authenticationstatus_x_3	SuccessFailure status for Authentication
cvdc62_averagerangeperfullchargedata_rngperchrgavg_l_dsply_r_3	Triplong term averaged electric range per full charge estimate (km) depending on HPCM calibration. This is FTCP variable the actual signal should be mapped to this variable as per the SPSS Please refer to SPSS for the mapping
cvdc62_elfuelflw_vl_dsply_r_3	Indicates the electric fuel consumption in terms of gasoline equivalent volume to support fuel economy equivalent calculations
cvdc62_rngperchrgavg_l_dsply_r_3	Triplong term averaged electric range per full charge estimate (km) depending on HPCM calibration.
cvdc62_tripbattuloe_pc_dsply_r_3	Percent of trip electric energy that was used for low voltage accessories
cvdc62_tripclime_pc_dsply_r_3	Percent of trip electric energy that was used for climate control

cvdc62_tripextfctre_pc_dsply_r_3	Percent of trip electric energy that was used as a result of external factors
cvdc62_tripsumdrve_pc_dsply_r_3	Percent of trip electric energy that was used for driving the wheels (BEVPHEV).
cvdc62_muid_x_3	Mobile Unique Identifier
cvdc62_spek_x_3	BLE interface payload enryption key
cvdc62_spekcreationtime_hour_r_3	Hour in time for 24 hour clock
cvdc62_spekcreationtime_millisecond_r_3	Millisecond in time
cvdc62_spekcreationtime_minute_r_3	Minute in Time
cvdc62_spekcreationtime_second_r_3	Second in time
cvdc62_spekexpirytime_hour_r_3	Hour in time for 24 hour clock
cvdc62_spekexpirytime_millisecond_r_3	Millisecond in time
cvdc62_spekexpirytime_minute_r_3	Minute in Time
cvdc62_spekexpirytime_second_r_3	Second in time
cvdc62_vuid_x_3	Vehicle Unique Identifier
cvdc62_moduleverbosity_x_3	Verbosity for each category (e.g. traces logworthy etc) that is being filtered for
cvdc62_moduleverbosity_x_3	Verbosity for each category (e.g. traces logworthy etc) that is being filtered for
cvdc62_logworthyperiodicity_r_3	Time in minutes between consecutive logworthy generation
cvdc62_maxlogworthycount_r_3	Maximum number of logworthies to generate. If campaign expires before this number
cvdc62_timetofirstlogworthy_r_3	Time in minutes from the receipt of the campaign message till when the first

cvdc62_campaignidentifier_r_3	Identifier to identify campaign expire. Ideally this value should be unique for a vehicleECU combination.In responses and alerts, ECU MUST populate this field with the identifier of the campaign being deployed (for new deployment) or the campaign being stopped (for campaign stop alerts)
cvdc62_result_x_3	In responses, ECU MUST include this field in responses to new deployment. For other messages, the field is optional and, if included, shall be set to RESULT_SUCCESS Cloud SHOULD NOT include this field in any messages.
cvdc62_stopcause_x_3	In alerts, ECU MUST include this field only in campaign stop alerts. The field MUST NOT be included in response messages.Cloud SHOULD NOT include this field in any messages.
cvdc62_longplaybuffermask_x_3	This is the file name for the long play buffer. It can be left empty if default mask file is to be used.
cvdc62_mainbuffermask_x_3	This is the file name used for the main buffer. It can be left empty if default mask file is to be used.
cvdc62_supplementarybuffermask01_x_3	This is the file name for supplementary buffer 01. It can be left empty if default
cvdc62_analyticsreportperiodicity_r_3	Option to change analytics report periodicity from default. Periodicity value is in minutes.
cvdc62_campaign_duration_r_3	Duration in minutes of how long this campaign should run.
cvdc62_ecallloggingenabled_x_3	Whether logging eCall messages is allowed. Setting this to true violates regulatory requirements! Default is false

cvdc62_overwriteconfirmation_x_3	Confirm that the intent is to really overwrite the default campaign. This field is ignored unless campaignIdentifier is set to 1.
cvdc62_ccsserviceconfigfiletimestamp_s_3	UTC Timstamp Information from cellular network(from ECGTCU)
cvdc62_ccsserviceconfigfile_ccsfiletype_x_3	Policy Governed CCS File binary for storage in the ECU(ECGTCU)
cvdc62_ccsserviceconfigfile_fingerprintsha256_x_3	Policy Governed CCS File binary for storage in the ECU(ECGTCU),Digest for the Configuration file
cvdc62_ccsserviceconfigfile_majorversion_r_3	Major version of the Configuration file and uses 16 bits to identify major version
cvdc62_ccsserviceconfigfile_minorversion_r_3	Minor version of the Configuration file and uses 16 bits to identify minor version
cvdc62_ccsserviceconfigfile_platformversion_r_3	Use 16 bits to identify platform version i.e. embedded modem and head-unit combination
cvdc62_ccsserviceconfigfile_filecontent_x_3	Command will include both above metadata fields and content in case of SDNCloud updates
cvdc62_chargecompletionestimatedendtime_s_3	This signal reports the timestamp info for the actual end of battery charging in BEV or PHEV.
cvdc62_chrglocidcurnt_d_uns_r_3	Current Unsaved Charge Location (ID) that the vehicle is located at.
cvdc62_curnttrgtsoc_pc_dsply_r_3	Current target charge level at saved location or smart charging location
cvdc62_extchrgnowbutn_b_rq_x_3	Signal communicates the press of a button at the Charge Port to request a change between Charge Now and Value Charge.
cvdc62_destchrgenddday_no_actl_r_3	This signal reports the day stamp (day of the month) for charge end time to reach the destination
cvdc62_destchrgendhr_no_actl_r_3	This signal reports the hour stamp (hour of the Day) for charge end time to reach the destination

cvdc62_destchrgendmin_no_actl_r_3	This signal reports the minute stamp (Minute of the hour) for charge end time to reach the destination
cvdc62_destsocrqd_pc_dsply_r_3	This Signal reports the percentage of charge required to reach the destination
cvdc62_fesn_x_3	ESN suppliedassigned by Ford for the ECU - DID F17E
cvdc62_provisioningstatus_x_3	Provisioning state of ECG
cvdc62_configuration_x_3	To hold the configuration parameter namekey and value
cvdc62_configuration_x_3	To hold the configuration parameter namekey
cvdc62_configuration_x_3	To hold the configuration parameter value
cvdc62_estimatedtimeofarrival_s_3	UTC timestamp from cellular network(from ECGTCU)
cvdc62_datacollection_x_3	Activation status of the data element - Active/Inactive, Type and name of Collection
cvdc62_datacollection_x_3	Name of the collection
cvdc62_datacollection_x_3	Type of Collection
cvdc62_datacollection_x_3	Activation status of the data element - ActiveInactive
cvdc62_cmbbpostevnt_b_dsply_x_3	Low Speed Collision Mitigation by Braking
cvdc62_gearrvrse_d_actl_x_3	Reverse gear usage
cvdc62_driversafetydata_prkbrkstatus_x_3	Park Brake Status
cvdc62_airamb_te_actl_r_3	outside Air Ambient Temperature, Ambient air Temperature
cvdc62_gpsinfotype_x_3	Indicator for the GPS type (Shifted vs Unshifted).ECU(ECGTCU) shall always set this flag
cvdc62_htrnoil_te_actl_r_3	Actual temperature of powersplit transaxle oil.

cvdc62_vehelrnge_l2_dsply_r_3	The remaining distance in km before battery is depleted after Cloud Enhanced DTE Vehicle Data Server update the signal Distance To Empty (DTE) for electric battery
cvdc62_veh_v_actlbrk_r_3	Vehicle speed source from brake module
cvdc62_ecuidentifier_x_3	ECU ID : Electronic Control Unit ID information
cvdc62_ecuidentifier_x_3	ECU ID : Electronic Control Unit ID
cvdc62_ecuidentifier_x_3	ESN : Electronic Serial Number
cvdc62_ecuidentifier_x_3	Primary ETHERNETMAC ID for the ECUModule in CAN and ETHERNET
cvdc62_ecuidentifier_x_3	Ford ESN F17E
cvdc62_chrgrinhi_i_actl_r_3	Current of Battery Charger High Voltage Input as measured by the Charger
cvdc62_chrgrinhi_u_actl_r_3	Voltage of Battery Charger High Voltage Output as measured by the Charger
cvdc62_inhibiteventsource_x_3	Enumeration indicating Sources of inhibit event
cvdc62_ivsumanifest_x_3	Vender ID for IVSU update
cvdc62_ivsumanifest_x_3	
cvdc62_ivsumanifest_x_3	ECU ID : Electronic Control Unit ID
cvdc62_keyaction_x_3	Key Action
cvdc62_keyid_x_3	Key ID for CAK
cvdc62_responsepayload_x_3	Response from the module which stores CAK and this is signed by the module
cvdc62_keystatus_status_x_3	Key Action Status
cvdc62_foglghtfronton_b_stat_x_3	Front Fog Lamps (x2 lights) Status
cvdc62_headlghthion_b_stat_x_3	Front High beams Light Status

cvdc62_licplatelght_b_stat_x_3	Rear License Plate Lamps (x2 lights) Status
cvdc62_parklamp_status_x_3	Front Park lamp Status
cvdc62_pudlamp_d_rq_x_3	LeftRight Puddle Lamp Status (both OnOff at same time)
cvdc62_rvrselghton_b_stat_x_3	Rear Reverse Lamps (x2 lights) Status
cvdc62_spotlghtleft_d_stat_x_3	Left Spot Light Status
cvdc62_spotlghtright_d_stat_x_3	Right Spot Light Status
cvdc62_trlrhitchlamp_d_stat_x_3	Rear Trailer Assist Lamps Status
cvdc62_trukbedlght_b_stat_x_3	Rear Bed Lamps (x2 lights) Status
cvdc62_rearcargolight_r_3	Derived Value for Rear Cargo Lights based on two Status (PudLamp_D_Rq (logical OR) TrlrHitchLamp_D_Stat)
cvdc62_mdhstatus_errordescription_x_3	Message structure for Mission Data Handler Status and Error updates
cvdc62_mdhstatus_status_x_3	Message structure for Mission Data Handler Status and Error updates
cvdc62_mission_latitudedecimaldegrees_r_3	LatitudeLongitude minutes, Orientation, minutes decimal, degrees.
cvdc62_mission_longitudedecimaldegrees_r_3	LatitudeLongitude minutes, Orientation, minutes decimal, degrees.
cvdc62_bguid_x_3	Unique ID for Location - uint128
cvdc62_trip_x_3	Provides information regarding the trip.
cvdc62_trip_x_3	Key ID information
cvdc62_trip_x_3	Enumeration for Key specific Action
cvdc62_trip_x_3	Data to be sent to BLEM for CAK activation or revocation
cvdc62_trip_x_3	Key ID
cvdc62_trip_x_3	LatitudeLongitude degrees.LatitudeLongitude minutesLatitudeLongitude minutes decimalLatitude Longitude Orientation

cvdc62_trip_x_3	Unique ID for Location - uint128
cvdc62_trip_x_3	Curbside Need Identifer
cvdc62_trip_x_3	Maximum number of Extensions for Wait Time
cvdc62_trip_x_3	Stop Name
cvdc62_trip_x_3	AddtionalIncrease Wait Time
cvdc62_trip_x_3	Duration of wait time in the location
cvdc62_trip_x_3	Sequence EnumerationIdentifier for the Trip
cvdc62_trip_x_3	LatitudeLongitude degrees.
cvdc62_trip_x_3	LongitudeLongitude degrees.
cvdc62_trip_x_3	Mandatory Indicator for pooled vs single passenger ride
cvdc62_trip_x_3	Total number of passengers traveling in the activity
cvdc62_trip_x_3	Trip CategoryType (PassengerGoods Pick up or Drop off)
cvdc62_trip_x_3	Trip Operation
cvdc62_trip_x_3	Identifer to cancel active Trips when Action is CANCEL
cvdc62_trip_x_3	Unique Trip Identifier (36 characters auto generated)
cvdc62_trip_x_3	UserIdentity : Unique IdentifierName for personalization of in-vehicle messages to the user
cvdc62_trip_x_3	Profile Settings information
cvdc62_trip_x_3	Set when the data is of type bytes
cvdc62_trip_x_3	Set when the data is of type double
cvdc62_trip_x_3	Set when the data is of type float
cvdc62_trip_x_3	Populate only one (oneof) field based on applicable valuesdata-type
cvdc62_trip_x_3	Set when the data is of type signed 32 integer
cvdc62_trip_x_3	Set when the data is of type string
cvdc62_trip_x_3	Set when the data is of type un-signed 32 integer
cvdc62_trip_x_3	Setting ID (GSDB Signal IDToken)

cvdc62_trip_x_3	Settings Group IdentifierName for Comfort settings
cvdc62_trip_x_3	Target ECU ID : Electronic Control Unit ID
cvdc62_trip_x_3	Unique Trip Identifier (36 characters auto generated) uint128
cvdc62_trip_x_3	User ID from User Profile Database
cvdc62_trip_x_3	Profile Setting information
cvdc62_trip_x_3	Data to be sent to BLEM for CAK activation or revocation This data is encrypted andor signed using BLEM SyncP any other ECU would not be able to decrypt this
cvdc62_trip_x_3	PIN Data
cvdc62_trip_x_3	Initial Activation Status
cvdc62_trip_x_3	Persist Flag
cvdc62_trip_x_3	Partner Brand Name
cvdc62_trip_x_3	Profile Settings Group Name e.g. 1:DISPLAY_NAME 2:LANGUAGE 3:INFOTAINMENT 4:LANGUAGE_DAP
cvdc62_trip_x_3	uint32 ECU Id
cvdc62_trip_x_3	Profile Triggers information
cvdc62_trip_x_3	Profile Triggers e.g. UserProfileActivateFull
cvdc62_trip_x_3	If parameter asscociated with the trigger e.g. Activate_Full_Profile
cvdc62_trip_x_3	Setting ID (GSDB Signal ID Token SOA Method Name)
cvdc62_trip_x_3	Setting Name : Setting specific CAN Signal or Ethernet Primitive Name
cvdc62_trip_x_3	Setting Value Byte Order Number in CAN_TP message : Additional information - Used for CAN_TP
cvdc62_trip_x_3	Set when the data is of type boolValueENUM
cvdc62_trip_x_3	Set when the data is of type 32 integer
cvdc62_trip_x_3	Set when the data is of type uint64Value
cvdc62_trip_x_3	Set when the data is of type sint64Value
cvdc62_trip_x_3	Target Topic name - applicable for SOA
cvdc62_trip_x_3	Setting Type ID (CAN CAN_TP SOA)

cvdc62_trip_x_3	Unique Trip Identifier (16 bytes auto generated) uint128
cvdc62_missionkey_x_3	Unique TripSegment Identifier or Unique Mission Identifier (36 characters auto generated) uint128
cvdc62_missionkey_x_3	Unique Trip Segment Identifier information
cvdc62_missionkey_x_3	Unique TripSegment Identifier (36 characters auto generated) uint128
cvdc62_missionkey_x_3	Unique Mission Identifier (36 characters)
cvdc62_missionrevoke_x_3	Unique TripSegment Identifier (36 characters auto generated)
cvdc62_missionrevoke_x_3	Unique TripSegment Identifier
cvdc62_missionrevoke_x_3	Unique Mission Identifier
cvdc62_offpeakprocesserrordetail_errordescription_x_3	Off-Peak Error Description
cvdc62_dgtlcommgtwymde_d_stat_x_3	The status of the digital communications regarding discovered charging services reported by DCGM.
cvdc62_dgtlcommflt_d_stat_r_3	OBCC to report the EVSE failure reasons for digital communications to ECG
cvdc62_dgtlcommgtwy_d_falt_x_3	The cause of failure in an off board charger digital communications event
cvdc62_dcchrgrdy_d_stat_x_3	Charger Ready status indicator enumerated BCCM transmitter and OBCC and other module are receiver
cvdc62_dgtlcommgtwymde_d_rq_x_3	Digital Communication gateway Model whether it's PnC (AC DC).Command from BCCM to DCGM on the mode of digital communication to follow
cvdc62_chrgrpncenbl_d_stat_r_3	The Status of PnC Feature enabledisable from BCCM to ECG
cvdc62_dgtlcommpnc_d_stat_x_3	The status of the PnC Feature from OBCC Module

cvdc62_profilevaluemap_x_3	Message structure for Label Value (Preferences Value).Unique Group ID for set of preferences.Unique ID for each preference
cvdc62_profilevaluemap_x_3	Message structure for Label Value (Preferences Value)
cvdc62_profilevaluemap_x_3	Unique ID for each preference
cvdc62_profilevaluemap_x_3	Unique Group ID for set of preferences
cvdc62_provisioningerror_x_3	Provisioning Error Code for FAILURE
cvdc62_provisioningalertstatus_status_x_3	Provisioning Alert Status from CloudSDN
cvdc62_enginetype_r_3	engine type e.g. GAS DIESEL PHEV HEV etc
cvdc62_bluetoothmacaddress_x_3	Bluetooth MAC Address (SYNCTCUBLEM)
cvdc62_bpek_x_3	BLEM BPEK
cvdc62_provisioning_ethernetmacaddress_x_3	Populate all MAC except the primary MAC Address
cvdc62_euiccid_x_3	euiccId of the SIM provided by the wireless carrier
cvdc62_packageid_x_3	Package ID - DID D03D
cvdc62_provisioning_partiipartnumber_x_3	ECU Part II Part Number
cvdc62_primarybootloaderpartnumber_x_3	ECU Primary Bootloader Part Number
cvdc62_primaryethernetmacaddress_x_3	Ethernet MAC Address for the ECU
cvdc62_recoveryloadpartnumber_x_3	ECU Recovery Load Part Number
cvdc62_wifimacaddress_x_3	Wi-Fi MAC Address - DID FD26 (SYNCTCU)
cvdc62_payloadtype_x_3	Indicator for security validation of encrypted vs signed data
cvdc62_securedprovisioningdata_x_3	Secured Provisioning Data (encrypted or signed or both)

cvdc62_pttbfaultstatus_dcacfaltmsgtxt_d_rq_x_3	Signal to indicate Fault status
cvdc62_dcacelpw_d_stat_x_3	Signal to indicate current power mode
cvdc62_dcacengonmsgtxt_d_rq_x_3	Warning signal to user to use the vehicle outside
cvdc62_pttbstatus_dcacfaltmsgtxt_d_rq_x_3	Signal to indicate an fault status on the power source
cvdc62_dcachw_d_config_x_3	Signal to indicate the hardware configuration
cvdc62_pttsstatus_dcaclofuelmsgtxt_d_rq_x_3	Signal to indicate the reserve fuel level low and the feature turn off warning
cvdc62_dcacout1_pw_dsply_r_3	Signal to indicate the Outlet A usage status
cvdc62_dcacout2_pw_dsply_r_3	Signal to indicate the Outlet B usage status
cvdc62_dcacout_e_tot_r_3	Signal to indicate the Aggregated Power consumption over time from power-to-the-box
cvdc62_dcacout_pw_dsplymx_r_3	Signal to indicate the maximum available power
cvdc62_reservedfuel_dcaclofuelmsgtxt_d_rq_x_3	Signal to indicate the reserved fuel level low status
cvdc62_pristartintervals_x_3	Defines the start of drive meaning after first 500 meter drop - control the first default 1000 meter collection
cvdc62_pri_buffer_r_3	Buffer information
cvdc62_pri_intervals_xx_r_3	Number of Intervals
cvdc62_pri_jitter_1_xx_r_3	Jitter of 1st RSD length
cvdc62_pri_jitter_2_xx_r_3	Jitter of 2nd RSD length
cvdc62_pri_jitter_3_xx_r_3	Jitter of 3rd RSD length
cvdc62_pri_jitter_4_xx_r_3	Jitter of 4th RSD length

cvdc62_pri_length_1_xx_r_3	The length of the collected 1st interval
cvdc62_pri_length_2_xx_r_3	The length of the collected 2nd interval
cvdc62_pri_length_3_xx_r_3	The length of the collected 3rd interval
cvdc62_pri_length_4_xx_r_3	The length of the collected 4th interval
cvdc62_pri_num_settings_r_3	Number of different settings.The first setting is not depended on the speed and is always 1000.0.
cvdc62_pri_speed_th_xx_r_3	The speed minimum threshold that defines the speed scenario of each setting (e.g. Urban country HW..)
cvdc62_pri_crc32_r_3	crc32 information
cvdc62_pri_msgid_r_3	msgid to identify change
cvdc62_start_jitter_1_r_3	The jitterness of the 1st interval
cvdc62_start_jitter_2_r_3	The jitterness of the 2nd interval
cvdc62_start_jitter_3_r_3	The jitterness of the 3rd interval
cvdc62_start_jitter_4_r_3	The jitterness of the 4th interval
cvdc62_start_length_1_r_3	The length of the collected 1st interval
cvdc62_start_length_2_r_3	The length of the collected 2nd interval
cvdc62_start_length_3_r_3	The length of the collected 3rd interval
cvdc62_start_length_4_r_3	The length of the collected 4th interval
cvdc62_sclocidcurnt_no_stat_r_3	Current Smart Charging Location ID
cvdc62_scmnsoc_pc_actl_r_3	Minimum Charge to Percent comfort level value status for a Smart Charge location
cvdc62_smartchargeprofileclouddata_x_3	Smart Charging location, duration, status, limits etc details
cvdc62_smartchargeprofileclouddata_x_3	Latitude or Longitude degree

cvdc62_smartchargeprofileclouddata_x_3	Duration-based charging setting for a Smart Charging location
cvdc62_smartchargeprofileclouddata_x_3	Time value of duration based charging for a Smart Charging location
cvdc62_smartchargeprofileclouddata_x_3	Charge to Percent value stored for a Smart Charge location
cvdc62_smartchargeprofileclouddata_x_3	Radial distance from the GPS coordinates of a Smart Charging location within which the location is valid (e.g. 100 m resolution)
cvdc62_smartchargeprofileclouddata_x_3	Maximum power the charger equipment is allowed to draw from the mains
cvdc62_smartchargeprofileclouddata_x_3	Location id of Smart charge location - cloud shall populate this(Ref. ScLocId_No_RqCld)
cvdc62_smartchargeprofileclouddata_x_3	Name of the smart charge profile
cvdc62_smartchargeprofileclouddata_x_3	Validation bit for HPCM to show if a Smart Charge location is valid or invalid
cvdc62_smartchargeprofileclouddata_x_3	Charge time window
cvdc62_smartchargeprofileclouddata_x_3	Calendar days
cvdc62_smartchargeprofileclouddata_x_3	Hour in time for 24 hour clock
cvdc62_smartchargeprofileclouddata_x_3	Millisecond in time
cvdc62_smartchargeprofileclouddata_x_3	Minute in Time
cvdc62_smartchargeprofileclouddata_x_3	Second in time
cvdc62_smartchargeprofileclouddata_x_3	Enabling or Disabling Strict Charging Windows for location
cvdc62_smartchargeprofilevehicledata_x_3	Smart Charging vehicle profile on location, duration, status, limits etc details
cvdc62_smartchargeprofilevehicledata_x_3	Duration-based Charging setting status for a Smart Charge Location

cvdc62_smartchargeprofilevehicledata_x_3	Time value status of Duration-based Charging for a Smart Charge location
cvdc62_smartchargeprofilevehicledata_x_3	Charge to Percent Status for a Smart Charge location
cvdc62_smartchargeprofilevehicledata_x_3	Smart Charge Location ID Status
cvdc62_smartchargeprofilevehicledata_x_3	Status of Radial distance from the GPS Coordinates of a Smart Charge Location
cvdc62_smartchargeprofilevehicledata_x_3	Validation bit HPCM to show if a Smart Charging location is valid or invalid
cvdc62_smartchargeprofilevehicledata_x_3	Name of the smart charge profile
cvdc62_smartchargeprofilevehicledata_x_3	Latitude degree
cvdc62_smartchargeprofilevehicledata_x_3	Longitude degree
cvdc62_smartchargeprofilevehicledata_x_3	The Charge time window for a Smart Charge Location
cvdc62_smartchargeprofilevehicledata_x_3	Day of the Week ID .
cvdc62_scenbl_b_stat_x_3	Status of Smart Charge Feature from HPCM to ECG
cvdc62_tripstatus_status_r_3	Status IdentifierCode from TVF
cvdc62_tripstatus_statusdetail_r_3	Status IdentifierCode from TVF
cvdc62_vehicleconfig_errordescription_x_3	Description of the error. ECUApplication shall set this.
cvdc62_vehiclepositiondata_gpsinfotype_x_3	Indicator for the GPS type (Shifted vs Unshifted)
cvdc62_batttraclosoc_d_dsply_x_3	Signal to indicate the BEV Low DTE warning thresholds
cvdc62_batttraclothres_d_stat_x_3	Signal to indicate the specified HV battery low charge threshold status
cvdc62_battulochrghyb_d_stat_x_3	Reasons for energy transfer from HV to LV sent by BCM
cvdc62_fstchrgbulk_t_est_r_3	DC Fast Charge Bulk Charge Time Estimate

cvdc62_fstchrgcmplt_t_est_r_3	DC Fast Charge Complete Time Estimate
cvdc62_estmchrgtimehp_st_r_3	Status of the estimated time to full charge using High Power charge port.
cvdc62_estmchrgtimelp_st_r_3	Status of the estimated time to full charge using Low Power charge port.
cvdc62_wirapplicationpolicytable_x_3	Intent Privilege - connectivity privileges for Applications.Each application has a global feature ID used by WIR to identify applications
cvdc62_wirapplicationpolicytable_x_3	Each application has a global feature ID used by WIR to identify applications
cvdc62_wirapplicationpolicytable_x_3	Intent Privilege - connectivity privileges for Applications
cvdc62_wirpolicymajorversion_r_3	Policy Version Number - Major
cvdc62_wirpolicyminorversion_r_3	Policy Version Number - Minor
cvdc62_extlghtdsply_b_statarb_x_3	Signal for 'ZoneLighting' Activation data - ActiveInactive
cvdc62_extlghtfront_d_stat_x_3	Front Zone ONOFF status
cvdc62_extlghtleft_d_stat_x_3	Left Zone ONOFF status
cvdc62_extlghtrear_d_stat_x_3	Rear Zone ONOFF status
cvdc62_extlghtright_d_stat_x_3	Right Zone ONOFF status
cvdc62_errorcode_x_3	Off-Peak Error code details, addDVDFuncStatus failure code details,Message structure for Mission Data Handler Status and Error updates
cvdc62_errorcode_x_3	Error codes populated when access token request failed
cvdc62_errorcode_x_3	Message structure for Mission Data Handler Status and Error updates
cvdc62_errordescription_x_3	Error description
cvdc62_errordescription_x_3	Name of the message

cvdc62_policeaux1lamp_b_rq2_c	Indicates Police Device #1 activatedeactivate status
cvdc62_policeaux2lamp_b_rq2_c	Indicates Police Device #2 activatedeactivate status
cvdc62_policeaux3lamp_b_rq2_c	Indicates Police Device #3 activatedeactivate status
cvdc62_policeaux4lamp_b_rq2_c	Indicates Police Device #4 activatedeactivate status
cvdc62_policeaux1switch_b_stat_c	Police Auxiliary Switch #1 status
cvdc62_policeaux2switch_b_stat_c	Police Auxiliary Switch #2 status
cvdc62_policeaux3switch_b_stat_c	Police Auxiliary Switch #3 status
cvdc62_policeaux4switch_b_stat_c	Police Auxiliary Switch #4 status
cvdc62_blepayloadid_r_3	Unique identifier for the BLE Payload set
cvdc62_cameraview_x	The camera view details
cvdc62_cameraview_x	Camera View Identifier
cvdc62_cameraview_x	Enumeration for the Camera View Working Status
cvdc62_cameraview_x	Enumeration for Video Quality Settings
cvdc62_cameraview_x	Key used to access the particular camera view
cvdc62_cameraview_x	Id of the key used for the camera view
cvdc62_cameraview_x	Token used for the camera streaming session
cvdc62_cameraview_x	Expiration of the stream
cvdc62_cameraview_x	Data end point of the camera view
cvdc62_cameraview_x	Name given to the stream
cvdc62_deinhibittime_s	UTC timestamp from cellular network(from ECGTCU)
cvdc62_callbackphonenumber_c	call back number to inhibit the vehicle
cvdc62_cameraviewfailurereason_c	Failure Reason to get Camera View Status This field is set only when cmdStatus is FAILED

cvdc62_cameraviewid_r_3	Camera View Identifier
cvdc62_datauploadintent_c	Enumerations representing the data upload intent types
cvdc62_deinhibitstatus_c	Vehicle Inhibit Action status
cvdc62_expiry_r_3	Expiry should be populated when dataUploadIntent value is BACKGROUND_GUARANTEED(Unit : seconds)
cvdc62_failurereason_c	Vehicle Inhibit Failure Reason this shall only be set when cmdStatus is FAILED, Enumerations of Failure reasons
cvdc62_hrvc_msgtype_v2_c	Indicates response to be privacy or ex_sum type
cvdc62_imageuploadurl_c	URL to upload image
cvdc62_modelyear_c	Information about vehicle model year
cvdc62_oauthtoken_c	oAuth Token information
cvdc62_offpeakuse_c	OffPeakUse should be populated when dataUploadIntent value is BACKGROUND_GUARANTEED
cvdc62_policytable_c	Policy table as byte stream
cvdc62_rsdcollectionconfiguration_c	Message structure for the collection configuration. Cloud shall always set this.
cvdc62_sessionstatus_c	Enumeration to indicate the streaming status
cvdc62_streamsessionliteral_c	Enumeration to state the Stream Session Literals
cvdc62_stunserveraddress_c	STUN Server address
cvdc62_syncreason_c	Reason to Sync Policy table
cvdc62_totalcameraviews_r_3	Total Number of Camera Views
cvdc62_tronkeyconfigdata_c	TRON Key configuration data. ECG shall send it after data is synchronized with all ECUs

cvdc62_uploadfailurereason_c	Failure reason to upload the scanned image
cvdc62_vehicleprogram_c	Vehicle Program detail
cvdc62_videostreamingliteral_c	Enumeration to state the Video Streaming Literal
cvdc62_videostreamingstatus_c	Enumeration to indicate the streaming status
cvdc62_uploadimageendtime_s	UTC timestamp from cellular network(from ECGTCU)
cvdc62_inhibittime_s	UTC timestamp from cellular network(from ECGTCU)
cvdc62_provisioningtime_s	UTC timestamp from cellular network(from ECGTCU)
cvdc62_uploadimagestarttime_s	UTC timestamp from cellular network(from ECGTCU)
cvdc62_vedsdrvbag_d_ltchd_c	Driver airbag deployed status
cvdc62_vedsdrvbelt_d_ltchd_c	Driver buckle or retractor pretensioner or load limiter status
cvdc62_vedsdrvcrtnbag_d_ltchd_c	Driver side air curtain status
cvdc62_vedsdrvkneebag_d_ltchd_c	Driver side knee airbag status at time of Impact Event
cvdc62_vedsdrvsidebag_d_ltchd_c	Driver seat mounted side airbag status
cvdc62_vedsevntroll_d_ltchd_c	Signal to distribute rollover status
cvdc62_vedsevnttype_d_ltchd_c	Impact event type for the first event to occur between front side rear or rollover
cvdc62_vedsmaxdeltav_d_ltchd_r_3	Impact event maximum lateral delta V for EDR record 1 at time of Impact Event
cvdc62_vedsmultievnt_d_ltchd_c	Multiple crash event status at time of Impact Event
cvdc62_vedspasbag_d_ltchd_c	Passenger airbag deployed status at time of Impact Event

cvdc62_vedspasbelt_d_ltchd_c	Passenger buckle or retractor pretensioner or load limiter status at time of Impact Event
cvdc62_vedspascrtnbag_d_ltchd_c	Passenger side air curtain status at time of Impact Event
cvdc62_vedspaskneebag_d_ltchd_c	Passenger side knee airbag status at time of Impact Event
cvdc62_vedspassidebag_d_ltchd_c	Passenger seat mounted side airbag status at time of Impact Event
cvdc62_vedsrw1drvbckl_d_ltchd_c	First Row Driver side seat belt status at time of Impact Event
cvdc62_vedsrw1mbckl_d_ltchd_c	first row middle seatbelt status at time of Impact Event
cvdc62_vedsrw1mbelt_d_ltchd_c	First row middle seating position buckle or retractor pretensioner or load limiter status at time of Impact Event
cvdc62_vedsrw1pasbckl_d_ltchd_c	First row middle seating positionBuckle or retractor pretensioner or load limiter status at time of Impact Event
cvdc62_vedsrw1paschld_d_ltchd_c	Signal reflects whether or not a child was detected in the front passenger seat at time of Impact Event
cvdc62_vedsrw2dbckl_d_ltchd_c	Second row driver side seat buckle status at time of Impact Event
cvdc62_vedsrw2drib_d_ltchd_c	Second row driver side Inflatable Belt (RIB) status at time of Impact Event
cvdc62_vedsrw2mbckl_d_ltchd_c	Second row middle buckle status at time of Impact Event
cvdc62_vedsrw2pbckl_d_ltchd_c	Second row passenger side seat buckle status at time of Impact Event
cvdc62_vedsrw2prib_d_ltchd_c	Second row driver side Inflatable Belt (RIB) status at time of Impact Event
cvdc62_vedsrw3dbckl_d_ltchd_c	Third row driver side seat buckle status at time of Impact Event
cvdc62_vedsrw3drib_d_ltchd_c	Third row driver side Rear Inflatable Belt (RIB) status at time of Impact Event

cvdc62_vedsrw3mbckl_d_ltchd_c	Third row middle seat buckle status at time of Impact Event
cvdc62_vedsrw3pbckl_d_ltchd_c	Third row passenger side seat buckle status
cvdc62_vedsrw3prib_d_ltchd_c	Third row passenger Rear Inflatable Belt (RIB) status at time of Impact Event
cvdc62_fuelrange_l2_dsply_r_3	Signal to indicate the distance to empty from fuel in tank for display to the customer.
cvdc62_bitratetype_c	Bitrate Mode
cvdc62_encodingratetype_c	encoding rate control Mode
cvdc62_framerate_r_3	Frame rate
cvdc62_horizontalframeres_r_3	Horizontal frame resolution
cvdc62_idrinterval_r_3	IDR Interval
cvdc62_iframeinterval_r_3	I-Frame Interval
cvdc62_noofbframes_r_3	Number of consecutive B-frames
cvdc62_noofreffframes_r_3	Number of reference frames
cvdc62_targetbitrate_r_3	Target bit rate
cvdc62_verticalframeres_r_3	Vertical frame resolution
cvdc62_videoquality_c	Enumeration for Video Quality Settings
cvdc62_commonfaultbitmask_accelerometer_fault_x_2	Accelerometer fault status
cvdc62_commonfaultbitmask_antenna_fault_x_2	Antenna fault status
cvdc62_commonfaultbitmask_gyro_fault_x_2	Gyro fault status
cvdc62_commonfaultbitmask_wheel_tick_fault_x_2	Wheel tick fault status
cvdc62_inv4_te_actlmntr_r_3	Traction Motor #2 Inverter Temperature

cvdc62_inv4ain_i_actlmntr_r_3	Current of DC bus of electrical machine #2 controller
cvdc62_inv4ain_u_actlmntr_r_3	Input Voltage of Electrical Machine #2 Controller
cvdc62_inv4tealrm_b_actlmntr_x_3	Traction Motor #2 Controller Temperature Warning Status
cvdc62_mtr4_d_statmntr_x_3	State of Electrical Machine #2
cvdc62_mtr4_te_actlmntr_r_3	Traction Motor #2 Coil Temperature
cvdc62_mtr4aout_tq_actlmntr_r_3	Traction Motor #2 Torque
cvdc62_mtr4aout_w_actlmntr_r_3	Traction Motor #2 Rotation Speed
cvdc62_mtr4tealrm_b_actlmntr_x_3	Traction Motor #2 Coil Temperature Warning Status.
cvdc62_mtrtotnum_no_actlmntr_r_3	This signal indicates the quantity of the electrical machines fitted in the vehicle for China Data Monitor
cvdc62_prplaxlscnd_tq_actlmntr_r_3	This signal indicates the actual total wheel torque of the secondary axle for China Data Monitor.
cvdc62_vehiclepositiondata_common_faultbitmask_accelerometer_fault_x_2	Fault from accelerometer module
cvdc62_vehiclepositiondata_common_faultbitmask_antenna_fault_x_2	Fault from antenna module
cvdc62_vehiclepositiondata_common_faultbitmask_gyro_fault_x_2	Fault from gyro navigation module
cvdc62_vehiclepositiondata_common_faultbitmask_wheel_tick_fault_x_2	Wheel tick fault from wheel sensor module
cvdc62_maxlateralaccintensity_r_3	Maximum lateral acceleration intensity - derived value

cvdc62_ccsserviceconfigfileutcoffset_r	ccs service config file UTC Offset information
cvdc62_policytableextensionutcoffset_r	policy table extension UTC Offset information
cvdc62_userfriendlymessagesutcoffset_r	user-friendly messages UTC Offset information
cvdc62_frcccode_r	Ford Real-time Collision Classification Code
cvdc62_qrvalidationerror_x	Message structure to report failure to process the PublishQRValidationStatusCommand. ECGECU shall set this only when cmdStatus is FAILED
cvdc62_alertstatus_x	Enumeration for Alert status. ECG shall always set this.
cvdc62_bufferdata_x	Event Data Recorder information
cvdc62_calltype_x	Enumeration to indicate the type of call that failed.
cvdc62_configupdateerror_x	Error codes while parsing the configuration file
cvdc62_emergencyeventtype_x	Enumeration for the type of emergency Event/Trigger
cvdc62_encodedvalidationresult_x	Based on the encodingType (Encrypted/Signed) the encodingType enum type shall be set
cvdc62_errors_x	Error codes while parsing the configuration file
cvdc62_eventtype_r	Event type which triggers this alert.
cvdc62_geofenceids_x	GeofenceIDsArray will be sent back from vehicle
cvdc62_geofenceobj_x	geo fence object
cvdc62_locationfailurereason_x	Enumerations of location failure reasons
cvdc62_missionupdatestatus_x	Indicates the type of Mission Status Update
cvdc62_notificationgeoobj_x	Geo Fence notification object

cvdc62_resulterrorcode_x	Enumerations for policy update result error codes set only when FAILURE
cvdc62_scheduledinhibitfailurereason_x	Vehicle schedule inhibit failure reason will be set only when cmdStatus is FAILED
cvdc62_veds_x	Byte stream of vehicle emergency data set message
cvdc62_vehicleinfo_x	Messages vehicle information in XML format
cvdc62_channel_x	Indicates the channel that triggered the Authentication Status
cvdc62_keytype_x	Indicator of type/method of Authentication
cvdc62_level_x	Indicates the Authentication Level
cvdc62_batteryhealthmdata_x	Hold parameters related to battery's health
cvdc62_batteryhealthmdata_x	Sampling type for data set
cvdc62_batteryhealthmdata_x	Identifies fault status of the 12V power supply system
cvdc62_batteryhealthmdata_x	Odometer value from CAN bus
cvdc62_batteryhealthmdata_x	ECU configuration information
cvdc62_batteryhealthmdata_x	ECU Id of the module for which the requested configuration need to be applied
cvdc62_batteryhealthmdata_x	SDN/ECU[ECG/TCU] shall set the current Part2 specification's part number which has the requested Config. definitions.
cvdc62_batteryhealthmdata_x	DID configuration information
cvdc62_batteryhealthmdata_x	DID address/value of the config (Method2/PartII, GMRDB, Other) DIDs
cvdc62_batteryhealthmdata_x	Must contain all bytes to mimic CAN diagnostics behavior
cvdc62_batteryhealthmdata_x	Contains Decoded DID Signal Name
cvdc62_batteryhealthmdata_x	Contains Decoded DID Signal Value

cvdc62_batteryhealthmdata_x	App Configuration information
cvdc62_batteryhealthmdata_x	App-config name
cvdc62_batteryhealthmdata_x	App-config value
cvdc62_batteryhealthmdata_x	Target Application to Configure
cvdc62_batteryhealthmdata_x	Used in order to unlock an ECU module
cvdc62_batteryhealthmdata_x	Represents the security level that can be unlocked using the fixed bytes
cvdc62_batteryhealthmdata_x	Bit Field information
cvdc62_batteryhealthmdata_x	Represents the least significant bit in the bit field range
cvdc62_batteryhealthmdata_x	Represents the most significant bit in the bit field range
cvdc62_batteryhealthmdata_x	Represents the value to be put into the specified bit field range
cvdc62_batteryhealthmdata_x	String containing the target DID address
cvdc62_batteryhealthmdata_x	This corresponds to the length of the target DID value
cvdc62_batteryhealthmdata_x	This corresponds to the Diagnostic Session required to write the DID
cvdc62_batteryhealthmdata_x	Represents the security level identifier
cvdc62_batteryhealthmdata_x	Ignition status from CAN bus (The processed value for current Ignition state.) Ignition on time
cvdc62_batteryhealthmdata_x	Signal from cellular device requesting initiationcancellation of remote start
cvdc62_batteryhealthmdata_x	Information about remote start device
cvdc62_batteryhealthmdata_x	Data sampling type for battery health monitoring
cvdc62_batteryhealthmdata_x	Event counter for remote start requests from cellular remote device

cvdc62_batteryhealthmdata_x	Status of a remote start operation
cvdc62_batteryhealthmdata_x	Remote start duration setting as selected by the customer via the cluster
cvdc62_batteryhealthmdata_x	Countdown timer representing time in seconds remaining until Remote Start expires
cvdc62_batteryhealthmdata_x	The BCM transmits this signal to the HEV PCM to request the HV system to charge the LV battery
cvdc62_batteryhealthmdata_x	The BCM sends this signal to tell the cluster what message to display after a HV to LV energy transfer
cvdc62_batteryhealthmdata_x	Battery Current indicator
cvdc62_batteryhealthmdata_x	Indicates if load shedding is active due to the 12V battery state of charge
cvdc62_batteryhealthmdata_x	Sends unlock feature
cvdc62_batteryhealthmdata_x	Drive door ajar status from CAN bus
cvdc62_batteryhealthmdata_x	Used to minimize battery drain when vehicle is off by informing ECUs when to go into their different states of low-current operation
cvdc62_batteryhealthmdata_x	CAN signal for Life cycle mode of vehicle e.g. Factory Mode Transport Mode etc. (CGEA)
cvdc62_batteryhealthmdata_x	Reason for BCM asserting hw wake line to PCM
cvdc62_batteryhealthmdata_x	ISPR Off On or Unknown
cvdc62_batteryhealthmdata_x	Indicates which featurefunction has RunStart Bus control
cvdc62_cloudmodemutcoffset_r	cloud mode UTC Offset information
cvdc62_modemrtcutcoffset_r	modem UTC Offset information
cvdc62_utcoffset_r	UTC Offset information

cvdc62_endutcoffset_r	end UTC Offset information
cvdc62_drprsntdrv_d_stat_x	Status of the presence of the Driver Door
cvdc62_drprsntpsngr_d_stat_x	Status of the presence of the Passenger Front Door
cvdc62_drprsntreardrv_d_stat_x	Status of the presence of the Driver Rear Door
cvdc62_drprsntrearpsngr_d_stat_x	status of the presence of the Rear Passenger Door
cvdc62_fnosconfigfile_x	Configuration files with related parameters and different version of the config file, UTC offset from FNOS
cvdc62_fnosconfigfile_x	Configuration file
cvdc62_fnosconfigfile_x	Digest for the configuration
cvdc62_fnosconfigfile_x	Major version of the config file
cvdc62_fnosconfigfile_x	Minor version of the config file
cvdc62_fnosconfigfile_x	Monitor types
cvdc62_fnosconfigfile_x	filerevision timestamp
cvdc62_fnosconfigfile_x	UTC Offset
cvdc62_configurationfile_x	Configuration file containing calibration parameters
cvdc62_keystatus_tripid_x	Unique Trip Identifier (16 bytes auto generated) uint128
cvdc62_missioninstruction_r	Instruction from TaaS to TVF (e.g. EXTEND_LINGER_TIME_BY_X, UPDATE_PASSENGER_COUNT_TO_X, PROCEED_WITH_QUEUE, ...)
cvdc62_mission_sdspayload_x	Encrypted payload from Overwatch to be distributed to SDS

cvdc62_missiondistributionstatus_x	Consists of Payload identifier (only for SDS_DATA), Payload type , Individual Distribution Status (SUCCESSFUL, FAILED) ,Status payload with details of success or failure ,Trip ID
cvdc62_missiondistributionstatus_x	Payload identifier (only for SDS_DATA)
cvdc62_missiondistributionstatus_x	Payload type
cvdc62_missiondistributionstatus_x	Individual Distribution Status (SUCCESSFUL | FAILED)
cvdc62_missiondistributionstatus_x	Status payload with details of success/failure
cvdc62_missiondistributionstatus_x	Trip ID
cvdc62_mission_distribution_status_x	Overall Mission distribution status (SUCCESSFUL , PARTIAL , FAILED)
cvdc62_deliverystatus_x	PIN Delivery Status
cvdc62_pindeliverystatus_tripid_x	Unique Trip Identifier (16 bytes, auto generated) uint128
cvdc62_settinginfo_x	Set when the data is of type bytes , float , un-signed 32 integer , boolValueENUM , uint64Value , double , name (Setting specific CAN Signal or Ethernet Primitive Name) , identity (GSDB Signal ID Token SOA Method Name), string , 32 integer , Value Byte Order Number in CAN_TP message : Additional information - Used for CAN_TP
cvdc62_settinginfo_x	Setting ID (GSDB Signal ID Token SOA Method Name)
cvdc62_settinginfo_x	Setting Name : Setting specific CAN Signal or Ethernet Primitive Name
cvdc62_settinginfo_x	Setting Value Byte Order Number in CAN_TP message : Additional information - Used for CAN_TP

cvdc62_settinginfo_x	Set when the data is of type boolValueENUM
cvdc62_settinginfo_x	Set when the data is of type bytes
cvdc62_settinginfo_x	Set when the data is of type double
cvdc62_settinginfo_x	Set when the data is of type float
cvdc62_settinginfo_x	Set when the data is of type 32 integer
cvdc62_settinginfo_x	Set when the data is of type signed 32 integer
cvdc62_settinginfo_x	Set when the data is of type string
cvdc62_settinginfo_x	Set when the data is of type un-signed 32 integer
cvdc62_settinginfo_x	Set when the data is of type uint64Value
cvdc62_settinginfo_x	Set when the data is of type sint64Value
cvdc62_apiversion_x	SOA version
cvdc62_opcontextfailed_x	Context of failure (Lighting, Audio, DXP, DAP)
cvdc62_optypefailed_x	Profile Operation that failed
cvdc62_partnername_x	Partner Name
cvdc62_profilestatus_tripid_x	Unique Trip Identifier (16 bytes, auto generated) uint128
cvdc62_profilestatus_userid_x	User ID from User Profile Database. Profile status from User Profile Database.
cvdc62_qrid_x	Unique identifier for the QR code
cvdc62_qrvalidationstatus_x	QR Validation status enumeration
cvdc62_fourthrowbuckledriver_x	Message structure to indicate Fourth row seat belt buckle status,Buckle status of the fourth row driver occupant
cvdc62_fourthrowbucklemid_x	Message structure to indicate Fourth row seat belt buckle status, Fourth row middle seating position buckle status
cvdc62_fourthrowbucklepsngr_x	Message structure to indicate Fourth row seat belt buckle status,Buckle status of the fourth row driver occupant
cvdc62_secondrowbuckledriver_x	Message structure to indicate Second row seat belt buckle status,2nd Row Seat Belt Buckle Left Status

cvdc62_secondrowbucklemid_x	Message structure to indicate Second row seat belt buckle status,2nd Row Seat Belt Buckle Middle Status
cvdc62_secondrowbucklepsngr_x	Message structure to indicate Second row seat belt buckle status,2nd Row Seat Belt Buckle Right Status
cvdc62_thirdrowbuckledriver_x	Message structure to indicate Third row seat belt buckle status,3rd Row Seat Belt Buckle Left Status
cvdc62_thirdrowbucklemid_x	Message structure to indicate Third row seat belt buckle status,3rd Row Seat Belt Buckle Middle Status
cvdc62_thirdrowbucklepsngr_x	Message structure to indicate Third row seat belt buckle status,3rd Row Seat Belt Buckle Right Status
cvdc62_driverdoorajartime_r	Time since last driver door ajar event(seconds)
cvdc62_rsonotificationcount_r	Notificationalert count or number .RSOM sends two timer alerts.
cvdc62_tlghttestprecnd_d_stat_x	Signals to Indicate the status of pre-conditions for trailer light test feature
cvdc62_tripstatus_tripid_x	Unique Trip Identifier (16 bytes, auto generated) uint128
cvdc62_tvfqueue_tripqueue_x	TVF Trip Queue uint32[770]
cvdc62_unlockfailurestatus_channel_x	Indicates the channel that triggered the Unlock Request
cvdc62_unlockfailurestatus_command_x	Unlock command
cvdc62_unlockfailurestatus_errorcode_x	Failure error codes
cvdc62_unlockfailurestatus_status_x	Status of unlock request
cvdc62_unlockfailurestatus_tripid_x	Unique Trip Identifier (16 bytes, auto generated) uint128
cvdc62_unlockfailurestatus_userid_x	Unlock failure status from Database. User ID from User Profile Database.

cvdc62_impactrecordingtime_s	UTC Timestamp Information
cvdc62_tire_temp_ilr_data_r	temperature reading of the interior of the inner left rear tire
cvdc62_tire_temp_irr_data_r	temperature reading of the interior of the inner right rear tire
cvdc62_tire_temp_lf_data_r	temperature reading of the interior of the left front tire
cvdc62_tire_temp_olr_data_r	temperature reading of the interior of the outer left rear tire
cvdc62_tire_temp_orr_data_r	temperature reading of the interior of the outer right rear tire
cvdc62_tire_temp_rf_data_r	the actual temperature reading of the interior of the right front tire
cvdc62_diagnosticrequestexpirationutcoffset_r	diagnostic request expiration UTC Offset information
cvdc62_batttrac2_e_max_r	Amount of charge needed to reach the customers next way point for EV Trip Planner
cvdc62_pttbstatusdata_dcacfaltmsgtxt_d2_rq_x	Signal to indicate an fault status on the power source
cvdc62_pttbfaultstatusdata_dcacfaltmsgtxt_d2_rq_x	Signal to indicate Fault status
cvdc62_dcacout1_pw2_dsply_r	Signal to indicate the Outlet A usage status
cvdc62_dcacout2_pw2_dsply_r	Signal to indicate the Outlet B usage status
cvdc62_batttracclntpmp_d_stat_x	Traction Battery Coolant status
cvdc62_batttrac2_pw_limchrg_r	Power traction battery can accept (Charge limit)
cvdc62_batttrac2_pw_limdchrg_r	Power traction battery can accept (Discharge limit)
cvdc62_batttracperf_pc_actl_r	Introduced for High Voltage Battery Monitoring feature.Battery performance rating in percentage.

cvdc62_batttrac_i2_actl_r	Measured current for traction battery
cvdc62_batttrac_u2_actl_r	Measured voltage of traction battery. Battery Voltage.
cvdc62_totalpowerconsumption_r	Total Power Consumed During A Trip
cvdc62_wiprfront_d_stat_x	Wiper Status data for front wiper
cvdc62_activationscheduleseting_x	Activation Schedule Settings
cvdc62_dayofweek_x	Calendar days of week
cvdc62_time_hour_r	Hour in time for 24 hour clock
cvdc62_time_millisecond_r	Millisecond in time
cvdc62_time_minute_r	Minute in Time
cvdc62_time_second_r	Second in time
cvdc62_warranty_start_date_x	VIN's warranty start date information from save source
cvdc62_currentopmode_x	Current Vehicle Drive Mode
cvdc62_modeupdaterejectreason_x	Error codes enumeration for status is FAILED
cvdc62_opmodefaut_x	Faulty Vehicle drive Mode - populated when fault occurs while changing mode and status is FAILED
cvdc62_powerstatus_x	Power Status Enumeration
cvdc62_profiledata_x	Profile data from the vehicle
cvdc62_rangereservethreshold_r	Range of power transfer threshold
cvdc62_routingtarget_x	Indicates the routing target (e.g. NodeIDSOATopicName)
cvdc62_startgridchargetype_x	Message structure for grid charge type enumerations
cvdc62_stopgridchargetype_x	Message structure for grid charge type enumerations
cvdc62_targetopmode_x	Requested Vehicle Drive Mode
cvdc62_timerdelayinterval_r	timer interval at which power discharge from vehicle will be delayed

cvdc62_vehiclenetworktype_x	Indicates the Vehicle Network Type (e.g. CANEthernet)
cvdc62_asuscheduledata_x	Hour in time for 24 hour clock, Second in time, Millisecond in time, Calendar days of week, Minute in Time, Activation Schedule Settings, Unique ID for software update
cvdc62_asuscheduledata_x	Hour in time for 24 hour clock
cvdc62_asuscheduledata_x	Millisecond in time
cvdc62_asuscheduledata_x	Minute in Time
cvdc62_asuscheduledata_x	Second in time
cvdc62_asuscheduledata_x	Activation Schedule Settings
cvdc62_asuscheduledata_x	Calendar days of week
cvdc62_asuscheduledata_x	Unique ID for software update
cvdc62_evsepairingdata_x	Unique EVSE name, Pairing Status enumeration, Index of the EVSE list Item
cvdc62_evsepairingdata_x	Unique EVSE name
cvdc62_evsepairingdata_x	Index of the EVSE list Item
cvdc62_evsepairingdata_x	Pairing Status enumeration
cvdc62_moduleresetstatus_x	Error code from the ErrorCodeEnum, Message structure for ECU Id, Description of the error, Message structure for module reset status enum
cvdc62_moduleresetstatus_x	Message structure for ECU Id
cvdc62_moduleresetstatus_x	Error code from the ErrorCodeEnum
cvdc62_moduleresetstatus_x	Description of the error
cvdc62_moduleresetstatus_x	Message structure for module reset status enum

cvdc62_batttracisodis_b_stat_x	Indicates status of isolation monitoring
cvdc62_chrgstat_d3_dsply_x	Indicates charge status
cvdc62_rngperchrgavg_l2_dsply_r	Max EV range when fully charged (DTE)
cvdc62_bptcomm_d_rqhtrn_x	Indicates request of communication
cvdc62_bptdchrg_pw_dsply_r	Indicates current discharge power
cvdc62_bptdchrg_t_rmng_r	Time remaining until range reserve is met
cvdc62_bptdly_t_actl_r	Indicates time delay of BPT
cvdc62_bptmde_d_stat_x	Indicates current BPT mode
cvdc62_bptmnsoc_l_actl_r	Indicates range reserve limit
cvdc62_bptpwout_b_dsply_x	Indicates if the home has a power outage
cvdc62_bptrngersrvmet_b_stat_x	Indicates if discharge limit has been met
cvdc62_bptstrtstop_d_stat_x	Indicates status of BPT start and stop
cvdc62_bptsustn_b_rq_x	Indicates request to sustain power to modules
cvdc62_bpt_d_stathtrn_x	Indicates vehicle's power train status
cvdc62_bpt_i_est_r	Vehicle's estimated current
cvdc62_bpt_pw_allw_r	Vehicle's allowable power
cvdc62_gridsrvc01_b_stat_x	Indicates status of grid service
cvdc62_sconb_b_stat_x	Turn on status for Smart charge feature
cvdc62_activityid_x_3	ActivityID
cvdc62_applyinignitionoffstatus_x_3	Indicator to apply config changes in Ignition OFF mode
cvdc62_oemauingestmessageid_x_3	Ingest message identified from Original Equipment Manufacturer
cvdc62_tag_x_3	source event hub

cvdc62_tmcapitype_x_3	Contains info type.googleapis.com/autonomic.ext.raw.Raw
cvdc62_tculinevoltage_r	TCU's ADC power line measured value. This shall set only when sleepStatus is ENTERING_DEEP_SLEEP.
cvdc62_deepsleepreason_x	Enumeration for identifying reason for DeepSleep.
cvdc62_deinhibitsourcetypev2_x	Message structure to indicated the source initiated the deinhibit event
cvdc62_deinhibitstatusapplied_x	Defines if action to deinhibit vehicle was successful or not
cvdc62_inhibitstatusapplied_x	Defines if action to deinhibit vehicle was successful or not
cvdc62_inhibittype_x	Specifies if the limit type is crank inhibit or motive mode inhibit
cvdc62_inhibittypeapplied_x	Specifies what inhibit type has been applied to the vehicle
cvdc62_inhibittyperequested_x	Specifies if the inhibit type being requested from the command is crank inhibit or motive mode inhibit
cvdc62_scheduledinhibit_x	Vehicle schedule inhibit enumeration codes
cvdc62_svsfailurereason_x	Vehicle Inhibit Failure Reason Will be set only when deinhibitStatus is FAILED
cvdc62_featureinhibitstatus_x	Defines which system is responsible for the feature inhibit state.Defines if a feature is inhibited or not
cvdc62_featureinhibitstatus_x	Defines if a feature is inhibited or not
cvdc62_featureinhibitstatus_x	Defines which system is responsible for the feature inhibit state
cvdc62_ccsserviceconfigfile_policyfileurl_x	URL of the policy file
cvdc62_policytableextension_policyfileurl_x	URL of the policy file

cvdc62_userfriendlymessages_policyfileurl_x	URL of the policy file
cvdc62_ccserrordetails_x	UTC month, UTC day, Error code for synchronizing CCS information. ECG shall set this., UTC Milliseconds, UTC seconds, FeatureMETA identifer, Unique sequencetransaction ID to track final consent changes applied, Description of the error code, UTC minutes, Captures opt inout selection from user, Captures Forced Policy (fpAllow) information, Captures subscription (sAllow) information, Captures Policy (pAllow) information, Captures overall entity status (bAllow) information, UTC year, UTC Offset, Message structure for MetaFeature, UTC hours
cvdc62_ccserrordetails_x	Error code for synchronizing CCS information. ECG shall set this.
cvdc62_ccserrordetails_x	Description of the error code
cvdc62_ccserrordetails_x	Customer Connectivity Setting Consent information
cvdc62_ccserrordetails_x	Unique sequencetransaction ID to track final consent changes applied
cvdc62_ccserrordetails_x	FeatureMETA identifer
cvdc62_ccserrordetails_x	Message structure for MetaFeature
cvdc62_ccserrordetails_x	Captures opt inout selection from user
cvdc62_ccserrordetails_x	UTC day
cvdc62_ccserrordetails_x	UTC Offset
cvdc62_ccserrordetails_x	Captures overall entity status (bAllow) information
cvdc62_ccserrordetails_x	Captures Forced Policy (fpAllow) information

cvdc62_ccserrordetails_x	Captures Policy (pAllow) information
cvdc62_ccserrordetails_x	Captures subscription (sAllow) information
cvdc62_payloaddata_x	Defines the payload to be sent within this message
cvdc62_energystartstatusdata_x	Collective information such as tire pressure, UTC offset, speed, ambient air pressure, GPS info, Gear position, temperature reading, fault from GPS module, compass data
cvdc62_energystartstatusdata_x	UTC day
cvdc62_energystartstatusdata_x	UTC Offset
cvdc62_energystartstatusdata_x	Odometer value from CAN bus
cvdc62_energystartstatusdata_x	Left inner Left Rear tire pressure value
cvdc62_energystartstatusdata_x	Left inner Left Rear tire pressure status
cvdc62_energystartstatusdata_x	Right inner Right Rear tire pressure value
cvdc62_energystartstatusdata_x	Right inner Right Rear tire pressure status
cvdc62_energystartstatusdata_x	Left Front Tire Pressure Value
cvdc62_energystartstatusdata_x	Left Front Tire Pressure status
cvdc62_energystartstatusdata_x	Left Rear OLR Tire Pressure value
cvdc62_energystartstatusdata_x	Left Rear OLR Tire Pressure status
cvdc62_energystartstatusdata_x	Front Placard Tire Pressure
cvdc62_energystartstatusdata_x	Rear Placard Tire Pressure
cvdc62_energystartstatusdata_x	Right Front Tire Pressure value
cvdc62_energystartstatusdata_x	Right Front Tire Pressure status

cvdc62_energystartstatusdata_x	Right Rear ORR Tire Pressure value
cvdc62_energystartstatusdata_x	Right Rear ORR Tire Pressure status
cvdc62_energystartstatusdata_x	temperature reading of the interior of the inner left rear tire
cvdc62_energystartstatusdata_x	temperature reading of the interior of the inner right rear tire
cvdc62_energystartstatusdata_x	temperature reading of the interior of the left front tire
cvdc62_energystartstatusdata_x	temperature reading of the interior of the outer left rear tire
cvdc62_energystartstatusdata_x	temperature reading of the interior of the outer right rear tire
cvdc62_energystartstatusdata_x	the actual temperature reading of the interior of the right front tire
cvdc62_energystartstatusdata_x	Trailer ID status
cvdc62_energystartstatusdata_x	Indicates trailer status
cvdc62_energystartstatusdata_x	On-board weight scale reading
cvdc62_energystartstatusdata_x	Trailer tire count
cvdc62_energystartstatusdata_x	Gear position status
cvdc62_energystartstatusdata_x	Distance To Empty (DTE) for electric battery
cvdc62_energystartstatusdata_x	Ambient air pressure
cvdc62_energystartstatusdata_x	Ambient air Temperature
cvdc62_energystartstatusdata_x	outside Air Ambient Temperature
cvdc62_energystartstatusdata_x	Cabin Ambient Temp
cvdc62_energystartstatusdata_x	Energy available in High voltage traction battery
cvdc62_energystartstatusdata_x	Indicates health of the battery

cvdc62_energystartstatusdata_x	Battery current. Electric current flow into or out of the high voltage battery. Discharge is positive.
cvdc62_energystartstatusdata_x	Battery temperature. Actual temperature of the traction (HV) Battery.
cvdc62_energystartstatusdata_x	Battery health
cvdc62_energystartstatusdata_x	latitude fractional portion in degreeslatitude integer portion in degreeslatitude sign
cvdc62_energystartstatusdata_x	longitude fractional portion in degreeslongitude integer portion in degreeslongitude sign
cvdc62_energystartstatusdata_x	Speed in KPH from GPS module
cvdc62_energystartstatusdata_x	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_energystartstatusdata_x	Compass direction
cvdc62_energystartstatusdata_x	Number of compass satellites in solution
cvdc62_energystartstatusdata_x	Indicates whether the data is reliable or not
cvdc62_energystartstatusdata_x	Fault from GPS module
cvdc62_energystartstatusdata_x	Fault bits for wheel tick gyro accelerometer antenna
cvdc62_energystartstatusdata_x	Fix type
cvdc62_energystartstatusdata_x	Number of Galileo satellites in solution
cvdc62_energystartstatusdata_x	Number of GLONASS satellites in solution
cvdc62_energystartstatusdata_x	Number of GPS satellites in solution
cvdc62_energystartstatusdata_x	WGS84 altitude in meters
cvdc62_energystartstatusdata_x	WGS84 heading in degrees

cvdc62_energystartstatusdata_x	The month portion of GPS dateThe day portion of GPS dateThe hour portion of GPS timeThe minute portion of GPS timeThe seconds portion of GPS timeThe year portion of GPS date
cvdc62_energystartstatusdata_x	WGS84 velocity in kph
cvdc62_energystartstatusdata_x	UTC hours from GPS module.UTC minutes from GPS moduleUTC seconds from GPS module.UTC day from GPS moduleUTC month from GPS moduleUTC year from GPS module
cvdc62_energystartstatusdata_x	Actual vs. Inferred position from GPS module
cvdc62_energystartstatusdata_x	Compass direction from GPS module
cvdc62_energystartstatusdata_x	Heading from GPS module
cvdc62_energystartstatusdata_x	Altitude from GPS module. Can have -ve values
cvdc62_energystartstatusdata_x	Speed from GPS module
cvdc62_energystartstatusdata_x	Dimension from GPS module
cvdc62_energystartstatusdata_x	HemisphereSouth from GPS module
cvdc62_energystartstatusdata_x	HemisphereEast from GPS module
cvdc62_energystartstatusdata_x	ECU(ECGTCU) shall always set this flag
cvdc62_energystartstatusdata_x	Indicator for the GPS type (Shifted vs Unshifted)
cvdc62_energystartstatusdata_x	China shifted latitude fractional portion in degrees,China shifted latitude integer portion in degrees,Sign of China shifted latitude integer in degrees

cvdc62_energystartstatusdata_x	China shifted longitude fractional portion in degreesChina shifted longitude integer portion in degreesSign of China shifted longitude integer in degrees
cvdc62_energystartstatusdata_x	Latitude degrees from GPS module. Can have -ve valuesLatitude minutes decimal from GPS moduleLatitude minutes from GPS module
cvdc62_energystartstatusdata_x	Longitude degrees from GPS module. Can have -ve valuesLongitude minutes decimal from GPS moduleLongitude minutes from GPS module
cvdc62_energystartstatusdata_x	UTC Timestamp from GPS module
cvdc62_energystartstatusdata_x	Fix Type from GPS module
cvdc62_energystartstatusdata_x	heading in degrees from GPS module
cvdc62_energystartstatusdata_x	Altitude in meters from GPS module. Can have -ve values
cvdc62_energytriggerstatusdata_x	Collective information such as tire pressure, UTC offset, speed, ambient air pressure, GPS info, Gear position, temperature reading, fault from GPS module, compass data
cvdc62_energytriggerstatusdata_x	Odometer value from CAN bus
cvdc62_energytriggerstatusdata_x	Trailer ID status
cvdc62_energytriggerstatusdata_x	Indicates trailer status
cvdc62_energytriggerstatusdata_x	On-board weight scale reading
cvdc62_energytriggerstatusdata_x	Trailer tire count
cvdc62_energytriggerstatusdata_x	Gear status
cvdc62_energytriggerstatusdata_x	Vehicle distance to empty status

cvdc62_energytriggerstatusdata_x	Vehicle acceleration status
cvdc62_energytriggerstatusdata_x	Vehicle speed
cvdc62_energytriggerstatusdata_x	Wiper Status data for front wiper
cvdc62_energytriggerstatusdata_x	Front windshield wiper status
cvdc62_energytriggerstatusdata_x	Average acceleration of the vehicle calculated from data saved by Monitor Signals for Averaging
cvdc62_energytriggerstatusdata_x	Average grade calculated from data saved by Monitor Signals for Averaging
cvdc62_energytriggerstatusdata_x	Average regen braking calculated from data saved by Monitor Signals for Averaging
cvdc62_energytriggerstatusdata_x	Average speed calculated from data saved by Monitor Signals for Averaging
cvdc62_energytriggerstatusdata_x	Name of signal that triggered alert
cvdc62_energytriggerstatusdata_x	Ambient air pressure
cvdc62_energytriggerstatusdata_x	Ambient air Temperature
cvdc62_energytriggerstatusdata_x	outside Air Ambient Temperature
cvdc62_energytriggerstatusdata_x	Cabin Ambient Temp
cvdc62_energytriggerstatusdata_x	Energy available in High voltage traction battery
cvdc62_energytriggerstatusdata_x	Battery current. Electric current flow into or out of the high voltage battery. Discharge is positive.
cvdc62_energytriggerstatusdata_x	Battery temperature. Actual temperature of the Traction (HV) Battery.
cvdc62_energytriggerstatusdata_x	latitude fractional portion in degreeslatitude integer portion in degreeslatitude sign

cvdc62_energytriggerstatusdata_x	longitude fractional portion in degreeslongitude integer portion in degreeslongitude sign
cvdc62_energytriggerstatusdata_x	Speed in KPH from GPS module
cvdc62_energytriggerstatusdata_x	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_energytriggerstatusdata_x	Compass direction from GPS module
cvdc62_energytriggerstatusdata_x	Number of compass satellites in solution
cvdc62_energytriggerstatusdata_x	Indicates whether the data is reliable or not
cvdc62_energytriggerstatusdata_x	Fault from GPS module
cvdc62_energytriggerstatusdata_x	Fault bits for wheel tick gyro accelerometer antenna
cvdc62_energytriggerstatusdata_x	Fix Type from GPS module
cvdc62_energytriggerstatusdata_x	Number of Galileo satellites in solution
cvdc62_energytriggerstatusdata_x	Number of GLONASS satellites in solution
cvdc62_energytriggerstatusdata_x	Number of GPS satellites in solution
cvdc62_energytriggerstatusdata_x	Altitude in meters from GPS module. Can have -ve values
cvdc62_energytriggerstatusdata_x	heading in degrees from GPS module
cvdc62_energytriggerstatusdata_x	The month portion of GPS dateThe day portion of GPS dateThe hour portion of GPS timeThe minute portion of GPS timeThe seconds portion of GPS timeThe year portion of GPS date
cvdc62_energytriggerstatusdata_x	WGS84 velocity in kph

cvdc62_energytriggerstatusdata_x	UTC hours from GPS module.UTC minutes from GPS moduleUTC seconds from GPS module.UTC day from GPS moduleUTC month from GPS moduleUTC year from GPS module
cvdc62_energytriggerstatusdata_x	Actual vs. Inferred position from GPS module
cvdc62_energytriggerstatusdata_x	Heading from GPS module
cvdc62_energytriggerstatusdata_x	Altitude from GPS module. Can have -ve values
cvdc62_energytriggerstatusdata_x	Speed from GPS module
cvdc62_energytriggerstatusdata_x	Dimension from GPS module
cvdc62_energytriggerstatusdata_x	HemisphereSouth from GPS module
cvdc62_energytriggerstatusdata_x	HemisphereEast from GPS module
cvdc62_energytriggerstatusdata_x	ECU(ECGTCU) shall always set this flag
cvdc62_energytriggerstatusdata_x	Indicator for the GPS type (Shifted vs Unshifted)
cvdc62_energytriggerstatusdata_x	Cruise control button status
cvdc62_energytriggerstatusdata_x	Estimated grade status
cvdc62_energytriggerstatusdata_x	UTC dayUTC hoursUTC MillisecondsUTC minutesUTC monthUTC secondsUTC year
cvdc62_energytriggerstatusdata_x	UTC Offset
cvdc62_energytriggerstatusdata_x	China shifted latitude fractional portion in degreesChina shifted latitude integer portion in degreesSign of China shifted latitude integer in degrees
cvdc62_energytriggerstatusdata_x	China shifted latitude fractional portion in degreesChina shifted longitude integer portion in degreesSign of China shifted longitude integer in degrees

cvdc62_energytriggerstatusdata_x	Latitude degrees from GPS module. Can have -ve valuesLatitude minutes decimal from GPS moduleLatitude minutes from GPS module
cvdc62_energytriggerstatusdata_x	Longitude degrees from GPS module. Can have -ve valuesLongitude minutes decimal from GPS moduleLongitude minutes from GPS module
cvdc62_energytriggerstatusdata_x	UTC Month from GPS moduleUTC Day from GPS moduleUTC Hours from GPS moduleUTC Minutes from GPS moduleUTC Seconds from GPS moduleUTC year from GPS module
cvdc62_keyontimestamp_s	UTC Timestamp Information
cvdc62_keyontimestamp_utcoffset_r	key on UTC timestamp Offset information
cvdc62_airamb_p_actl_r	Ambient air pressure
cvdc62_battchrgisltn_b_falt_x	Indicates if there is an isolation detection fault
cvdc62_bptallw_pw_dsply_r	Indicates minimum allowable power of BPT
cvdc62_dcacelpwscnd_d_stat_x	Signal to indicate current power mode
cvdc62_dcacengonmsgtxt_d2_rq_x	Warning signal to user to use the vehicle outside
cvdc62_dcaclofuellim_l_rqmnu_r	Current range preservations settings status
cvdc62_dcacoutscnd_pw2_dsply_r	Indicates power output at the Frunk outlet
cvdc62_dcacoutscnd_pw_dsplymx_r	Signal to indicate the maximum available power
cvdc62_dcaczone2pw_b_stat_x	Indicates active power status of Zone2
cvdc62_dcaczone3pw_b_stat_x	Indicates active power status of Zone3

cvdc62_pttbstatusdata_v2_vehelrnge_l2_dsply_r	Distance To Empty (DTE) for electric battery
cvdc62_trlrid_no_actl_r	Trailer ID used to specify the connected trailer. Trailer ID status.
cvdc62_trlrlampcnnct_b_actl_x	Indicates trailer status. Indicates if a trailer is connected on the trailer lamp circuit..
cvdc62_vehpayload_m_est_r	On-board weight scale reading
cvdc62_wiprfront_d_stat2_x	Front windshield wiper status
cvdc62_celllockrequestlist_x	Action types of unlock or open on a closure. Ref. CellLock_D_Rq
cvdc62_kolvalue_r	Key OffLoad value
cvdc62_socdelta_r	Battery state of charge drop
cvdc62_keyoffsoc_r	Battery state of charge value at ignition off
cvdc62_triggersoc_r	Battery state of charge at the time of alert trigger
cvdc62_chrgtrgtsocovrrd_b_stat_r	Electric Vehicle Charging Program (EVCP) - State-Of-Charge (SOC) override state.
cvdc62_keyofftimestamp_s	UTC Timestamp Information
cvdc62_keyofftimestamp_utcoffset_r	key off UTC timestamp Offset information
cvdc62_otaactivationdayscheduledata_x	Hour in time for 24 hour clock, Second in time, Millisecond in time, Calendar days of week, Minute in Time
cvdc62_otaactivationdayscheduledata_x	OTA Activation Schedule Time
cvdc62_otaactivationdayscheduledata_x	Hour in time for 24 hour clock
cvdc62_otaactivationdayscheduledata_x	Millisecond in time
cvdc62_otaactivationdayscheduledata_x	Minute in Time
cvdc62_otaactivationdayscheduledata_x	Second in time

cvdc62_otaactivationdayscheduledata_x	Calendar days of week
cvdc62_tlghttestprecnd_d2_stat_x	Signals to Indicate the status of pre-conditions for trailer light test feature
cvdc62_triggertimestamp_s	UTC Timestamp Information
cvdc62_triggertimestamp_utcoffset_r	trigger UTC timestamp Offset information
cvdc62_hpcmdata_prplaxlscnd_tq_actlmntr_r	This signal indicates the actual total wheel torque of the secondary axle. This secondary driven axle is an independent electric driven axle that delivers propulsive torque to achieve all-wheel drive functionality with the primary driven axle together.
cvdc62_hpcmdata_vehelrnge_l2_dsply_r	This signal is used to drive the electrical path DTE displays on BEV and PHEV over a broader range.
cvdc62_socoverridestate_x	Electric Vehicle Charging Program (EVCP) - State-Of-Charge (SOC) override state.
cvdc62_socoverridevalue_r	Electric Vehicle Charging Program (EVCP) - State-Of-Charge (SOC) override value.
cvdc62_fnvinhibitedconfigpayload_x	Bytes containing a JSON payload
cvdc62_vehiclesubfielderror_x	Message structure for error details. ECUApplication shall only set this upon any error condition
cvdc62_curr_onln_trffc_latitudedecimaldegrees_r_3	Current latitude position in decimal from online traffic GPS info
cvdc62_curr_onln_trffc_longitudedecimaldegrees_r_3	Current longitude position in decimal from online traffic GPS info
cvdc62_desti_onln_trffc_latitudedecimaldegrees_r_3	Destination latitude position in decimal from online traffic GPS info
cvdc62_desti_onln_trffc_longitudedecimaldegrees_r_3	Destination longitude position in decimal from online traffic GPS info

cvdc62_onln_trffc_txn_d_3	TransactionId of previous Session query response or Traffic query response
cvdc62_cntrys_tbl_ver_r_3	Above is for reference only for complete implemetationvalidation rules refer TCU SPSS andor SDN Specifications
cvdc62_flting_car_data_confg_ver_r_3	In-vehicle Floating Car data configuration version
cvdc62_nav_ver_r_3	Navigation software version identifier
cvdc62_onln_trffc_confg_ver_r_3	Above is for reference only for complete implemetation refer TCU SPSS andor SDN Specifications
cvdc62_sess_req_rsn_enum_x_3	Reason code to identify the reason for initiating the session
cvdc62_onln_trffc_query_typ_x_3	Identifier for Online Traffic Query Type SESSION vs TRAFFIC
cvdc62_onln_trffc_loc_ent_x_3	Refer CCS TCU SPSS for details and format for following attributes
cvdc62_onln_trffc_loc_ent_x_3	Country code for the traffic location, Refer CCS TCU SPSS for details and format for following attributes
cvdc62_onln_trffc_loc_ent_x_3	Location Traffic Number (LTN) for the traffic location,Refer CCS TCU SPSS for details and format for following attributes
cvdc62_onln_trffc_loc_ent_x_3	Major version number of the traffic location data.
cvdc62_onln_trffc_loc_ent_x_3	Minor version number of the traffic location data.
cvdc62_autoinhibitst_x	Vehicle Automatic Inhibit state
cvdc62_loginstat_x	User log-inout status.
cvdc62_requestid_x	request Id
cvdc62_timesrc_x	Message structure to indicated the source that initiated the deinhibit event
cvdc62_autoinhibitinitiationtime_s	UTC Timestamp Information
cvdc62_autoinhibitinitiationtime_utcoffset_r	auto inhibitinitiation time UTC Offset information

cvdc62_evsechrgouthi_i_actl_r	DC Charging Mode: Voltage of Battery Charger High Voltage Output as measured by the Charger. Used to calculate Power received by the Vehicle during DC fast charging.
cvdc62_evsechrgouthi_u_actl_r	DC Charging Mode: Current of Battery Charger High Voltage Output as measured by the Charger. Used to calculate Power received by the Vehicle during DC fast charging.
cvdc62_ignitionkeyoffti me_s	UTC Timestamp Information
cvdc62_ignitionkeyoffti me_utcoffset_r	ignition key off time UTC Offset information
cvdc62_ignitionkeyonti me_s	UTC Timestamp Information
cvdc62_ignitionkeyonti me_utcoffset_r	ignition key on time UTC Offset information
cvdc62_invocationtime s_x	UTC Timestamp Information
cvdc62_invocationtime s_x	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_invocationtime s_x	UTC Offset
cvdc62_streamtimes_x	UTC Timestamp Information
cvdc62_streamtimes_x	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_streamtimes_x	UTC Offset
cvdc62_controlmycare rror_x	Error code for Control My Car
cvdc62_lockorclose_re qt_x	Action types of lock or close on a closure.
cvdc62_unlockoropen_ reqt_x	Action types of unlock or open on a closure by name.

cvdc62_becswtch2extlck_d_stat_r_3	Back End Enclosure 2 lock status from CAN bus
cvdc62_becswtchextlck_d_stat_r_3	Back End Enclosure lock status from CAN bus
cvdc62_drdrvlck_d_stat_r_3	driver door lock status from CAN bus
cvdc62_drdrvrearlck_d_stat_r_3	driver rear door lock status from CAN bus
cvdc62_drpsngrlck_d_stat_r_3	passenger door lock status from CAN bus
cvdc62_drpsngrrearlck_d_stat_r_3	passenger rear door lock status from CAN bus
cvdc62_evsepairingdata_v2_x	FESN that will be used to identify the EVSE, User-readable name of the EVSE
cvdc62_evsepairingdata_v2_x	FESN that will be used to identify the EVSE
cvdc62_evsepairingdata_v2_x	User-readable name of the EVSE
cvdc62_audiosettings_x	Variable to determine if vehicle audio is needed
cvdc62_bptmodetypev2_x	enumeration for the power transfer mode type
cvdc62_callsource_x	Enumeration for AVCC call source
cvdc62_historyresend_x	Enumeration to indicate vehicle to send request again
cvdc62_mapdownloadtypeenum_x	Enumeration to determine type of map download
cvdc62_messagecount_3	Provides a sequence number within a stream of messages with the same Tollng ID
cvdc62_queryidentifier_x	Used as a query identifier if vehicle requests again
cvdc62_receipthistoryrequests_3	Rolling counter to know how many times vehicle is querying
cvdc62_receiptstatus_x	Status of the toll receipt sent to vehicle
cvdc62_receipttransactionstatus_x	Explains status of the transaction
cvdc62_standbystate_x	Enumeration to control standby state

cvdc62_standbystatus_x	Current status of the standby state
cvdc62_tempid_d	ID that will change periodically to ensure anonymity of the vehicle
cvdc62_temporarystandby_x	Enumeration to indicate the state of the temporary standby
cvdc62_tileidlist_3	Tile ID list that the vehicle needs
cvdc62_tileidstatus_x	Enumeration to determine if tiles match
cvdc62_tollactivationstatus_x	Enumeration for the tolling activation status on the vehicle
cvdc62_tollfeature_x	List of different tolling features
cvdc62_tollmodetype_x	Indicates mode type of the toll
cvdc62_tollserviceprovider_3	Helps toll charger differentiate TUM based on which Toll Service Provider was used
cvdc62_tolltype_x	Indicates type of toll
cvdc62_tollusagestatus_x	Explains status of the toll usage message posted from vehicle
cvdc62_totaltollcharge_3	How much cost needs to be collected from the vehicle
cvdc62_transactionid_x	TUM Transaction ID
cvdc62_vehicleidentity_x	Helps toll service provider to reference customer account
cvdc62_visualsettings_x	Variable to determine if vehicle visuals are needed
cvdc62_batttraccnnct_d_rq_x	Command to battery controller to open close retain position
cvdc62_batttracisodis_b_rq_x	Signal to disable isolation monitoring
cvdc62_batterystatusdata_batttracisodis_b_stat_x	Indicates status of isolation monitoring
cvdc62_batttrac_i2_estvsc_r	Estimates the electrical current of the battery
cvdc62_becmdata_battchrg_i2_rq_r	EC 1285 Current request from battery to charger
cvdc62_becmdata_battchrg_u_rq_3	Voltage request from battery to charger

cvdc62_battdcchrg_u_actl_r	Voltage across DC port charger
cvdc62_battdccnnct_d_cmd_x	Indicates contractor state
cvdc62_batttraccnnct_d_cmd_x	Indicate when to start HV Bus discharge
cvdc62_becmdata_batttrac_u2_actl_r	CR 1307 Measured voltage of traction battery
cvdc62_chrgcrdlck_d_falt_x	Fault status of the charge lock system
cvdc62_latchfdbck_b_stat_x	Indicates whether the lock status is real (actual lock status from latches) or inferred (last command sent successfully by BCM)
cvdc62_actvdrvmde_d2_stat_x	Signal to display Active drive mode information
cvdc62_ctaright_d_stat_x	BLIS Side Alert Disabled
cvdc62_laactvstats_d2_dsply_x	Same signal used for both Lane Departure and Lane Keeping Aid Events
cvdc62_sodright_d_stat_x	BLIS Cross Alert Disabled
cvdc62_evsechrg2_i_mx_r	Maximum current EVSE can provide
cvdc62_evsechrg2_pw_mx_3	Maximum power Evse can provide
cvdc62_evsedcchrgiso_d_stat_x	Isolation monitoring result of the EVSE
cvdc62_evseidv2_x	FESN that will be used to identify the EVSE
cvdc62_frontbrakedata_versionnumber_3	Serialized Array version number
cvdc62_historyenddate_s	UTC Timestamp Information
cvdc62_historyenddate_utcoffset_r	history end date UTC Offset
cvdc62_historystartdate_s	UTC Timestamp Information
cvdc62_historystartdate_utcoffset_r	history start date UTC Offset information
cvdc62_currentlane_3	Current lane number match of the vehicle

cvdc62_currentlanecost_3	Current cost of the lane
cvdc62_lanecostdata_3	List of other toll charges from other lanes
cvdc62_moduledidata_x	Address of the DID on the module, Description of the DID, Name of the module.
cvdc62_moduledidata_x	Address of the DID on the module
cvdc62_moduledidata_x	Description of the DID
cvdc62_moduledidata_x	Name of the module
cvdc62_moduledidata_x	Decoded DID information
cvdc62_moduledidata_x	Decoded DID value name
cvdc62_moduledidata_x	Decoded DID value
cvdc62_payloadtimestamp_s	UTC Timestamp Information
cvdc62_payloadtimestamp_utcoffset_r	payload UTC timestamp Offset information
cvdc62_battchrgrdystat_d_actl_x	Status of the battery system for charge
cvdc62_chrgrrdystat_d_actl_x	Charger ready status indicator . Charger Ready status indicator enumerated
cvdc62_battchrginhbt_d2_rq_x	Indicates the request of HV battery charging operation (charge inhibit at end or maintain). Indicate request of battery charge operation
cvdc62_battchrginhbt_d_rq_x	Vehicle decision on charging (charge inhibit or maintain)
cvdc62_chrgchngevnt_b_stat_x	Identify the charge status change wake event. The BCCM will use this signal to identify the charge status change wake event
cvdc62_rearbrakedata_versionnumber_3	Serialized Array version number

cvdc62_standbyenddate_s	UTC Timestamp Information
cvdc62_standbyenddate_utcoffset_r	standby end date UTC Offset information
cvdc62_standbystartdate_s	UTC Timestamp Information
cvdc62_standbystartdate_utcoffset_r	standby start date UTC Offset information
cvdc62_tolladvertisementdata_x	Tile ID version can request tile map updates, Tolling Tile ID, RUC cost for the respective RUC road mapped within TileID, It is the cost the vehicle needs to update for the RUC, Enumeration to determine if a toll map tile update is needed, Indicates type of toll, The cost that the vehicle needs to update for the toll, Current Tile ID version details for tracking versions of maps, Enumeration to determine if a RUC map tile update is needed, Total cost the vehicle has for the respective Toll Charger and Tollpoint ID, Map tile ID for the RUC feature, UU Toll point ID within the respective Toll Charger, Toll charger ID
cvdc62_tolladvertisementdata_x	Enumeration to determine if a RUC map tile update is needed
cvdc62_tolladvertisementdata_x	Map tile ID for the RUC feature
cvdc62_tolladvertisementdata_x	
cvdc62_tolladvertisementdata_x	Toll charger ID
cvdc62_tolladvertisementdata_x	UU Toll point ID within the respective Toll Charger
cvdc62_tolladvertisementdata_x	Total cost the vehicle has for the respective Toll Charger and Tollpoint ID
cvdc62_tolladvertisementdata_x	Tolling Tile ID

cvdc62_tolladvertisement data_x	Enumeration to determine if a toll map tile update is needed
cvdc62_tolladvertisement data_x	Indicates type of toll
cvdc62_tolladvertisement data_x	The cost that the vehicle needs to update for the toll
cvdc62_tolladvertisement data_x	RUC cost for the respective RUC road mapped within TileID
cvdc62_tolladvertisement data_x	Current Tile ID version details for tracking versions of maps
cvdc62_tolladvertisement data_x	It is the cost the vehicle needs to update for the RUC
cvdc62_tolladvertisement data_x	Tile ID version can request tile map updates
cvdc62_tollchargedata_3	Tolling Tile ID, Enumeration to determine if a toll map tile update is needed, Indicates type of toll, The cost that the vehicle needs to update for the toll, Total cost the vehicle has for the respective Toll Charger and Tollpoint ID, UU Toll point ID within the respective Toll Charger, Toll charger ID
cvdc62_tollchargedata_3	Toll charger ID
cvdc62_tollchargedata_3	UU Toll point ID within the respective Toll Charger
cvdc62_tollchargedata_3	Total cost the vehicle has for the respective Toll Charger and Tollpoint ID
cvdc62_tollchargedata_3	Tolling Tile ID
cvdc62_tollchargedata_3	Enumeration to determine if a toll map tile update is needed
cvdc62_tollchargedata_3	Indicates type of toll
cvdc62_tollchargedata_3	The cost that the vehicle needs to update for the toll
cvdc62_tollentrytimestamp_utcdatetime_s	UTC Timestamp Information

cvdc62_tollentrytimestamp_utcoffset_r	toll entry UTC timestamp Offset information
cvdc62_tollentrytimestamp_calendarday_x	Calendar days of the week
cvdc62_tollentrytimestamp_calendarholiday_x	Determines if it is a calendar holiday or not
cvdc62_tollentrytimestamp_summertime_x	Determines if summer time or not
cvdc62_tollexittimestamp_utcdatetime_s	UTC Timestamp Information
cvdc62_tollexittimestamp_utcoffset_r	toll exit UTC timestamp Offset information
cvdc62_tollexittimestamp_calendarday_x	Calendar days of the week
cvdc62_tollexittimestamp_calendarholiday_x	Determines if it is a calendar holiday or not
cvdc62_tollexittimestamp_summertime_x	Determines if summer time or not
cvdc62_tollreceipthistorydata_s	Transaction status of the respective transaction, UTC month, UTC day, How much cost needs to be collected from the vehicle, Indicates type of toll, UTC Milliseconds, UTC seconds, This is the road name of the tolling, UTC minutes, Helps toll provider and toll charger determine how many miles the vehicle has driven on that toll road, UTC year, UTC Offset, UTC hours
cvdc62_tollreceipthistorydata_s	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_tollreceipthistorydata_s	UTC Offset
cvdc62_tollreceipthistorydata_s	Helps toll provider and toll charger determine how many miles the vehicle has driven on that toll road

cvdc62_tollreceipthistorydata_s	Transaction status of the respective transaction
cvdc62_tollreceipthistorydata_s	This is the road name of the tolling
cvdc62_tollreceipthistorydata_s	Indicates type of toll
cvdc62_tollreceipthistorydata_s	How much cost needs to be collected from the vehicle
cvdc62_tollreceiptstatusdata_receiptdelivery_x	Enumeration if receipt will be provided again or not
cvdc62_tollreceiptstatusdata_temporaryid_x	Same value of what TUM has posted
cvdc62_tollreceiptstatusdata_tollreceiptstatus_x	Details about the status of the toll receipt
cvdc62_tollreceiptstatusdata_tolltype_x	Indicates type of toll
cvdc62_tollreceiptstatusdata_transactionid_x	Toll usage transaction ID

cvdc62_tolltransitdata_r	Calendar days of the week, Indicates whether the data is reliable or not, UTC timestamp from GPS module, latitude fractional portion in degrees, Number of GPS satellites in solution, UTC timestamp, Fix Type from GPS module, UTC Offset, longitude integer portion in degrees, Compass direction from GPS module, latitude integer portion in degrees, longitude sign, Altitude in meters from GPS module. Can have -ve values, Number of Galileo satellites in solution, Determines if summer time or not, Fault from GPS module, Determines if it is a calendar holiday or not, Indicator for the GPS type (Shifted vs Unshifted), Speed in KPH from GPS module, latitude sign, heading in degrees from GPS module, Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality', Number of GLONASS satellites in solution, longitude fractional portion in degrees, Number of compass satellites in solution.
cvdc62_tolltransitdata_r	latitude fractional portion in degrees,latitude integer portion in degrees,latitude sign
cvdc62_tolltransitdata_r	longitude fractional portion in degrees,longitude integer portion in degrees,longitude sign
cvdc62_tolltransitdata_r	heading in degrees from GPS module
cvdc62_tolltransitdata_r	Speed in KPH from GPS module
cvdc62_tolltransitdata_r	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'

cvdc62_tolltransitdata_r	Compass direction from GPS module
cvdc62_tolltransitdata_r	Number of compass satellites in solution
cvdc62_tolltransitdata_r	Indicates whether the data is reliable or not
cvdc62_tolltransitdata_r	Fault from GPS module
cvdc62_tolltransitdata_r	Fix Type from GPS module
cvdc62_tolltransitdata_r	Number of Galileo satellites in solution
cvdc62_tolltransitdata_r	Number of GLONASS satellites in solution
cvdc62_tolltransitdata_r	Number of GPS satellites in solution
cvdc62_tolltransitdata_r	Altitude in meters from GPS module. Can have -ve values
cvdc62_tolltransitdata_r	UTC Month from GPS module
cvdc62_tolltransitdata_r	UTC Day, Hours, Minutes, seconds from GPS Module
cvdc62_tolltransitdata_r	Indicator for the GPS type (Shifted vs Unshifted)
cvdc62_tolltransitdata_r	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_tolltransitdata_r	UTC Offset
cvdc62_tolltransitdata_r	Calendar days of the week
cvdc62_tolltransitdata_r	Determines if it is a calendar holiday or not
cvdc62_tolltransitdata_r	Determines if summer time or not
cvdc62_tolltransitdata_r	UTC Timestamp from GPS module
cvdc62_tumalertresponse_x	Enumeration if alert response needs to be resent or not

cvdc62_tumalertstatus_x	Enumeration to determine if no alert response was received
cvdc62_tumcounter_3	How many alerts were sent without an alert response
cvdc62_tollusagealertstatusdata_temporaryid_x	Same value of what TUM has posted
cvdc62_tollusagealertstatusdata_transactionid_x	TUM transaction ID
cvdc62_pc5retries_3	How many times TUM has been broadcasted over PC5
cvdc62_pc5tollchargerid_3	Toll charger ID for PC5
cvdc62_pc5tollpointid_3	PC5 Toll point ID within the respective Toll Charger
cvdc62_tamwsapc5status_x	Ack status for TAM message over PC5
cvdc62_tumack_x	Acknowledgement status of the TUM message
cvdc62_uutollchargerid_3	Toll charger ID for UU
cvdc62_uutollpointid_3	UU Toll point ID within the respective Toll Charger
cvdc62_chargepc5currentlane_3	Charge received from PC5 which helps updating on the cost of the UU and TSP maps for current lane
cvdc62_distancetraveled_3	Helps toll provider and toll charger determine how many miles the vehicle has driven on that toll road
cvdc62_laneid_3	Indicates lane for lane-based tolling
cvdc62_sentoverpc5_x	Indicates form of communication
cvdc62_tollcharge_3	How much cost needs to be collected from the vehicle
cvdc62_tollroadname_x	Toll road name when TUM is generated
cvdc62_tollserviceprovideriid_3	Toll service provider Id

cvdc62_tollserviceprovidertag_x	Identifier to help toll service provider protect from tampering on the TUM data
cvdc62_transactiondate_s	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_transactiondate_utcoffset_r	toll exit UTC timestamp Offset information
cvdc62_segmentid_x	segment ID (16 bytes auto generated) uint128
cvdc62_gnss_antenna_pos_x_r	Indicates antenna position - longitude
cvdc62_gnss_antenna_pos_y_r	Indicates antenna position - latitude
cvdc62_gnss_antenna_pos_z_r	Indicates antenna position - elevation
cvdc62_height_r	Vehicle height
cvdc62_lanepercentagea_r	lane straddling percentage between the two lanes
cvdc62_lanepercentageb_r	lane straddling percentage between the two lanes
cvdc62_lanepositionid_x	Lane position straddling between the two lanes
cvdc62_length_r	Vehicle length
cvdc62_passengercount_3	Number of passengers in a vehicle
cvdc62_trailerplatenumbers_x	Trailer license plate numbers
cvdc62_trailerstatus_x	Trailer status Enumeration
cvdc62_vehicleplatenumber_x	Vehicle license plate number
cvdc62_vehicletype_x	Type of the vehicle
cvdc62_weight_r	Vehicle weight
cvdc62_width_r	Vehicle width
cvdc62_xevchargestatusdata_batttraccnnct_d_rq_x	Command to battery controller to open close retain position

cvdc62_xevchargestatusdata_batttracisodis_b_rq	Signal to disable isolation monitoring
cvdc62_xevchargestatusdata_batttrac_i2_estvsc_r	Estimates the electrical current of the battery
cvdc62_batttracperf_pc_dsply_r	Indicates health of the battery
cvdc62_msg_metadata_x_2	Carries metadata information about the vehicle and the time the data or the message processed
cvdc62_wificonnectionstatus_x	WiFi connection Status
cvdc62_totalwificonnectionduration_r	Total WiFi connected time to External AP
cvdc62_accountid_x	Encrypted account ID of the PersonalPortableProfile User
cvdc62_activationstatus_x	Activation status of the profile
cvdc62_availablespace_3	DDSM sends available space in gigabytes (GB)
cvdc62_avfaltprim_d_stat_x	HSCAN signal for the AV Exception Stop Maneuver ByAVS From CAVS Status
cvdc62_avfaltscnd_d_stat_x	HSCAN signal for the AV Exception Stop Fault Status
cvdc62_avsstopmnvrprim_d_stat_x	HSCAN signal for the AV Exception Stop Maneuver ByAVS From CAVS Status
cvdc62_avsstopmnvrscnd_d_stat_x	HSCAN signal for the AV Exception Stop Maneuver ByAVS Status
cvdc62_avtelemetrydata_prkbrkstatus_x	Signals for Park Brake Status Park Brake switch parkbrake_hard and parkbrake_soft status
cvdc62_batterpower_x	Indicated the battery level
cvdc62_brkdfaltprim_b_stat_x	HSCAN signal whether AV Default Braking Primary Status state changed
cvdc62_brkdfaltscnd_b_stat_x	HSCAN signal whether AV Default Braking Secondary Status state changed

cvdc62_cameraviewstatusdata_x	Id of the specified camera view, Streaming status of the camera view, Enumeration for Failure Reason to setup the Video Stream
cvdc62_cameraviewstatusdata_x	Id of the specified camera view
cvdc62_cameraviewstatusdata_x	Streaming status of the camera view
cvdc62_cameraviewstatusdata_x	Enumeration for Failure Reason to setup the Video Stream
cvdc62_capabilitystatus_x	Capability status of AVS
cvdc62_cavsstopmnvr_d_stat_x	HSCAN signal for the AV Exception Stop Maneuver ByCAVS Status
cvdc62_cldrecvry_b_rq_x	HSCAN signal for the AV Exception Stop Cloud Recovery Needed Status
cvdc62_datasizebytes_3	Offload data size in gigabytes (GB)
cvdc62_datatransfererrorcode_x	Error codes used when data transfer has failed
cvdc62_datatransferresponsetype_x	EPCM confirms if shorepower is or is not supporting extended data transfer
cvdc62_datatransferstatus_x	Offload data transfer status for AVS
cvdc62_ddsmdatatransfer_x	Offload data transfer status for DDSM
cvdc62_deviceid_x	Device ID including FESN xID etc..
cvdc62_devicetype_x	Device type including NFC PAAK etc..
cvdc62_drsideajarstop_b_stat_x	HSCAN signal for the AV Side Door Ajar Stop Status
cvdc62_encodedmissiondata_x	Encoded message structure for Mission Payload
cvdc62_faltrecvry_d_stat_x	HSCAN signal for the AV Fault Recovery Status
cvdc62_fecswtchextlck_d_stat_3	Frunk lock status from CAN bus
cvdc62_fnvnoninhibitedconfigpayload_x	Bytes containing a JSON payload for non-inhibited vehicles

cvdc62_frequencyanddduration_duration_3	Requested Duration of the Alert to be sent by the Vehicle
cvdc62_frequencyanddduration_frequency_r	Requested Frequency of the Alert to be sent by the Vehicle
cvdc62_fulluploadcommandstatus_x	Enumeration for the Command Status
cvdc62_gvwrexcdstop_b_stat_x	HSCAN signal for the AV GVWR Exceeded Stop Status
cvdc62_hoodajarstop_b_stat_x	HSCAN signal for the AV Hood Ajar Stop Status
cvdc62_impactevnt_d_stat_x	HSCAN signal for the AV Light Impact Status
cvdc62_impactevntvds_b_stat_x	HSCAN signal whether crash event detection thresholds are exceeded or not
cvdc62_latctlsrcprim_d_actl_x	HSCAN signal for Autonomous Driving - Command source that steering system is currently following for Primary
cvdc62_latctlsrcscnd_d_actl_x	HSCAN signal for Autonomous Command Source followed by Secondary Power Steering Control Module (PSCMB)
cvdc62_lftgtajarstop_b_stat_x	HSCAN signal for the AV Liftgate Ajar Stop Status
cvdc62_longctlsrcprim_d_actl_x	HSCAN signal for Autonomous Control Source currently followed by Primary Brake Module
cvdc62_longctlsrcscnd_d_actl_x	HSCAN signal for Autonomous Control Source currently followed by Secondary Brake Module
cvdc62_mediatransferstatus_x	Represents the Media Transfer Status
cvdc62_mmconsoledr_b_stat_3	HSCAN signal for AV Control Console Door Status
cvdc62_modestatus_x	Mode status of AVS
cvdc62_opmodeacceptancestatus_x	Status of Mode Change request
cvdc62_opmodeerrorcodes_x	Status of Mode Change request

cvdc62_opmoderejectreason_x	Status of Mode Change request
cvdc62_outside_air_temp_stat_r	Measured ambient temperature published by the Climate Control System. Note this is the Filtered value i.e. same as displayed for the customer. The Invalid state will be transmitted when a system fault is detected.
cvdc62_pdlasyposprim_d_stat_x	HSCAN signal for AV Pedals Stowed Primary Status
cvdc62_pdlasyposscnd_d_stat_x	HSCAN signal for AV Pedals Stowed Secondary Status
cvdc62_portableprofilestatus_x	Enumeration to determine if profile was found
cvdc62_priority_x	Enumeration for data transfer request priority
cvdc62_psngrfmiddetct_d_actl_x	HSCAN signal for Occupant in front mid seat status
cvdc62_refuelsysstat_d_dsply_x	HSCAN signal for Fuel Door Status
cvdc62_rejectionreason_x	Status of Mode Change request
cvdc62_remoteremovestatus_x	Status of the remote removal of the profile
cvdc62_rollbackrequired_x	Status of the rollback if required or not
cvdc62_serverid_3	DDSM sends the server ID that is involved in the data transfer
cvdc62_soatimestamp_utcdatetime_s	UTC Timestamp information
cvdc62_soatimestamp_utcoffset_r	soatimestamp UTC Offset information
cvdc62_softwareactivationerror_x	Error codes used when there is a failure during software activation
cvdc62_softwareactivationstatus_x	Status of the software activation
cvdc62_softwaredownloaderror_x	Error codes used when the software download has failed

cvdc62_softwaredownloadmethod_x	software download method.Vehicle should not populate this alert
cvdc62_softwareinstallationerror_x	Error codes used when there is a failure during software installation
cvdc62_softwareinstallationstatus_x	softwareinstallationstatus.Vehicle should not populate this alert
cvdc62_stedfaltprim_b_stat_3	HSCAN signal whether AV Default Steering Primary Status state changed
cvdc62_stedfaltscnd_b_stat_3	HSCAN signal whether AV Default Steering Secondary Status state changed
cvdc62_stopexcptnl_d_rq_x	HSCAN signal for AV Human Initiated Exception Stop Request Status
cvdc62_syncstatus_x	Sync status of the profile
cvdc62_tpmsstatusdata_tire_press_system_stat_x	Tire pressure from CAN bus for CGEA1.3
cvdc62_transferid_3	DDSM sends transfer ID of the specified data transfer
cvdc62_trfcstop_d_stat_x	HSCAN signal for the AV Law Enforcement Traffic Stop Status
cvdc62_vehicleevent_x	Vehicle event including start lock and unlock
cvdc62_vehiclemode_x	Status of Mode Change request
cvdc62_videostreamingtype_x	Enumeration to specify the type of video streaming
cvdc62_wiprfrontswtch_d_stat_x	HSCAN signal for the Display Control Mirror of Driver adjusting wiper speed
cvdc62_wshrlvlfront_b_falt_x	HSCAN signal for the Front Reservoir Fluid Level Low Indicator
cvdc62_wshrlvlrear_b_falt_x	HSCAN signal for the Rear Reservoir Fluid Level Low Indicator
cvdc62_evsename_x	User-readable name of the EVSE
cvdc62_dcacrngtype_d_stat_r	Selected range type
cvdc62_retriesattempted_r	Retries Attempted counter for ECG
cvdc62_engoilsrvcmsgtxt_d_rq_x	Signal to instruct IPC oil change status what to display.

cvdc62_wificonnection_count_r	Represents the wificonnection count
cvdc62_cbzroadclasstypev2list_x	Message containing CbzRoadClassType_V2ENUM
cvdc62_vehposdata_shiftedgpsinfov2_latdecmdeg_r_3	latitude fractional portion in degrees
cvdc62_vehposdata_shiftedgpsinfov2_longdecmdeg_r_3	longitude fractional portion in degrees
cvdc62_vehposdata_unshiftedgpsinfov2_latdecmdeg_r_3	latitude fractional portion in degrees
cvdc62_vehposdata_unshiftedgpsinfov2_longdecmdeg_r_3	longitude fractional portion in degrees
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_compdir_x	Compass direction from GPS module
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_compdir_x	Compass direction from GPS module
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_compasssatinsol_r	Number of compass satellites in solution
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_compasssatinsol_r	Number of compass satellites in solution
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_fixtype_x	Fix Type from GPS module
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_fixtype_x	Fix Type from GPS module
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_galileosatinsol_r	Number of Galileo satellites in solution
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_galileosatinsol_r	Number of Galileo satellites in solution

cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_glonasssatinsol_r	Number of GLONASS satellites in solution
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_glonasssatinsol_r	Number of GLONASS satellites in solution
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_gpssatinsol_r	Number of GPS satellites in solution
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_gpssatinsol_r	Number of GPS satellites in solution
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_heading_r	heading in degrees from GPS module
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_heading_r	heading in degrees from GPS module
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_mslalt_r	Altitude in meters from GPS module. Can have -ve values
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_mslalt_r	Altitude in meters from GPS module. Can have -ve values
cvdc62_vehposdta_shiftedgpsinfov2_gnss_loc2_velocity_r	Speed in KPH from GPS module
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_loc2_velocity_r	Speed in KPH from GPS module
cvdc62_vehposdta_shiftedgpsinfov2_gnss_locqual_3desterr_r	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_locqual_3desterr_r	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_vehposdta_shiftedgpsinfov2_gnss_metdat_datgduse_r	Indicates whether the data is reliable or not
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_metdat_datgduse_r	Indicates whether the data is reliable or not

cvdc62_vehposdta_shiftedgpsinfov2_gnss_metdat_faultbitmsk_x	Fault from GPS module
cvdc62_vehposdta_unshiftedgpsinfov2_gnss_metdat_faultbitmsk_x	Fault from GPS module
cvdc62_vehposdata_shiftedgpsinfov2_gpstimestamp_r_3	UTC Timestamp information from GPS module
cvdc62_vehposdata_unshiftedgpsinfov2_gpstimestamp_r_3	UTC Timestamp information from GPS module
cvdc62_shiftedgpsinfov2_latdecmdeg_r_3	latitude fractional portion in degrees
cvdc62_shiftedgpsinfov2_longdecmdeg_r_3	longitude fractional portion in degrees
cvdc62_unshiftedgpsinfov2_latdecmdeg_r_3	latitude fractional portion in degrees
cvdc62_unshiftedgpsinfov2_longdecmdeg_r_3	longitude fractional portion in degrees
cvdc62_shiftedgpsinfov2_gnss_loc2_compdir_x	Compass direction from GPS module
cvdc62_unshiftedgpsinfov2_gnss_loc2_compdir_x	Compass direction from GPS module
cvdc62_shiftedgpsinfov2_gnss_loc2_compassatinsol_r	Number of compass satellites in solution
cvdc62_unshiftedgpsinfov2_gnss_loc2_compasssatinsol_r	Number of compass satellites in solution
cvdc62_shiftedgpsinfov2_gnss_loc2_fixtype_r	Fix Type from GPS module
cvdc62_unshiftedgpsinfov2_gnss_loc2_fixtype_r	Fix Type from GPS module
cvdc62_shiftedgpsinfov2_gnss_loc2_galileosatinsol_r	Number of Galileo satellites in solution

cvdc62_unshiftedgpsinfov2_gnss_loc2_galileosatinsol_r	Number of Galileo satellites in solution
cvdc62_shiftedgpsinfov2_gnss_loc2_glonasssatinsol_r	Number of GLONASS satellites in solution
cvdc62_unshiftedgpsinfov2_gnss_loc2_glonassatinsol_r	Number of GLONASS satellites in solution
cvdc62_shiftedgpsinfov2_gnss_loc2_gpssatinsol_r	Number of GPS satellites in solution
cvdc62_unshiftedgpsinfov2_gnss_loc2_gpssatinsol_r	Number of GPS satellites in solution
cvdc62_shiftedgpsinfov2_gnss_loc2_heading_r	heading in degrees from GPS module
cvdc62_unshiftedgpsinfov2_gnss_loc2_heading_r	heading in degrees from GPS module
cvdc62_shiftedgpsinfov2_gnss_loc2_mslalt_r	Altitude in meters from GPS module. Can have -ve values
cvdc62_unshiftedgpsinfov2_gnss_loc2_mslalt_r	Altitude in meters from GPS module. Can have -ve values
cvdc62_shiftedgpsinfov2_gnss_loc2_velocity_r	Speed in KPH from GPS module
cvdc62_unshiftedgpsinfov2_gnss_loc2_velocity_r	Speed in KPH from GPS module
cvdc62_shiftedgpsinfov2_gnss_locqual_3desterr_r	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_unshiftedgpsinfov2_gnss_locqual_3desterr_r	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_shiftedgpsinfov2_gnss_metdat_datgduse_r	Indicates whether the data is reliable or not

cvdc62_unshiftedgpsinfov2_gnss_metdat_datgduse_r	Indicates whether the data is reliable or not
cvdc62_shiftedgpsinfov2_gnss_metdat_faultbitmsk_x	Fault from GPS module
cvdc62_unshiftedgpsinfov2_gnss_metdat_faultbitmsk_x	Fault from GPS module
cvdc62_shiftedgpsinfov2_gpstimestamp_r_2	UTC Timestamp information from GPS module
cvdc62_unshiftedgpsinfov2_gpstimestamp_r_2	UTC Timestamp information from GPS module
cvdc62_battulo_i_actl_r	Battery Current indicator
cvdc62_hazrdlght_b_stat_x	Hazard Lightning Indicator
cvdc62_headlghtswtch_d_stat_x	Head light switch Indicator
cvdc62_trngear_d_rqdrv_x	Indicates the gear position requested by the fault-corrected state of all pushbutton banks.
cvdc62_cellrstrt_d_rq_x	Signal from cellular device requesting initiationcancellation of remote start
cvdc62_confidencelevel_x	To determine quality of data.
cvdc62_upftrdgtlin13_d_stat_x	Upfitter Digital Input13 logical state and out of range status.
cvdc62_upftrdgtlin14_d_stat_x	Upfitter Digital Input14 logical state and out of range status.
cvdc62_upftrdgtlin15_d_stat_x	Upfitter Digital Input15 logical state and out of range status.
cvdc62_upftrdgtlin16_d_stat_x	Upfitter Digital Input16 logical state and out of range status.
cvdc62_upftrpwmouthf01_no_act_r	Upfitter H-Bridge side PWM output1.
cvdc62_upftrpwmouthf02_no_act_r	Upfitter H-Bridge side PWM output2.
cvdc62_upftrpwmouthf03_no_act_r	Upfitter H-Bridge side PWM output3.

cvdc62_upftrpwmouthf04_no_act_r	Upfitter H-Bridge side PWM output4.
cvdc62_upftrpwmouthi01_no_act_r	Upfitter high side PWM output1.
cvdc62_upftrpwmouthi02_no_act_r	Upfitter high side PWM output2.
cvdc62_upftrpwmouthi03_no_act_r	Upfitter high side PWM output3.
cvdc62_upftrpwmouthi04_no_act_r	Upfitter high side PWM output4.
cvdc62_upftrpwmoutlo01_no_act_r	Upfitter low side PWM output1.
cvdc62_upftrpwmoutlo02_no_act_r	Upfitter low side PWM output2.
cvdc62_upftrpwmoutlo03_no_act_r	Upfitter low side PWM output3.
cvdc62_upftrpwmoutlo04_no_act_r	Upfitter low side PWM output4.
cvdc62_upftrpwmoutlo05_no_act_r	Upfitter low side PWM output5.
cvdc62_upftrpwmoutlo06_no_act_r	Upfitter low side PWM output6.
cvdc62_avommacceptancestatus_x	AVOMM Acceptance Status
cvdc62_avommerrorcode_x	AVOMM Error Code
cvdc62_avommrejectionreason_x	AVOMM Reject Reason
cvdc62_connectionstate_x	Current connection state of the cable used for data transfer
cvdc62_datasize_r	Offload data size in gigabytes (GB)
cvdc62_errormessage_x	Error description used when data transfer has failed
cvdc62_targetoperationmode_x	Requested Vehicle Drive Mode
cvdc62_transfermodestate_x	Transfer mode used for data transfer
cvdc62_transferreadiness_x	EPCM confirms if shorepower is or is not supporting extended data transfer
cvdc62_transferstate_x	Current transfer state of the data transfer
cvdc62_transferstatus_x	Offload data transfer status for DDSM

cvdc62_uploadstatus_x	Enumeration for the Command Status
cvdc62_vsusdcacceptancestatus_x	VSUSD Controller Acceptance
cvdc62_vsusdcrejectionreason_x	VSUSD Controller Reject Reason
cvdc62_avdterrdtl_errcode_r	Error codes used during AV data transfer
cvdc62_avdterrdtl_errdesc_x	Detailed error description used during AV data transfer
cvdc62_drmatlamp_b_rq_x	Multi-access tailgate ajar status
cvdc62_drlatchlckfl_b_stat_x	Signal indicating the front left door eLatch lock status available on FNV2&3
cvdc62_drlatchlckfr_b_stat_x	Signal indicating the front right door eLatch lock status available on FNV2&3
cvdc62_drlatchlckrl_b_stat_x	Signal indicating the rear left door eLatch lock status available on FNV2&3
cvdc62_drlatchlckrr_b_stat_x	Signal indicating the rear right door eLatch lock status available on FNV2&3
cvdc62_activationmanagername_x	Software activation manager name
cvdc62_downloadstat_avdterrdtl_errcode_r	Error codes used during AV data transfer
cvdc62_downloadstat_avdterrdtl_errdesc_x	Detailed error description used during AV data transfer
cvdc62_downloadmanagername_x	Software download manager name
cvdc62_instlnstat_avdterrdtl_errcode_r	Error codes used during AV data transfer
cvdc62_instlnstat_avdterrdtl_errdesc_x	Detailed error description used during AV data transfer
cvdc62_instlnmanagername_x	Software installation manager name
cvdc62_instlnstat_softwareinstlnstat_x	Status of the software installation
cvdc62_utctimewindow_endtime_r	UTC Timestamp information

cvdc62_utctimewindow_endtime_utcoffset_r	UTC timewindow end time info
cvdc62_utctimewindow_starttime_r	UTC Timestamp information
cvdc62_utctimewindow_starttime_utcoffset_r	UTC timewindow start time info
cvdc62_tslalerttrigger_x	TSL Alert Trigger Type
cvdc62_encodedauthenticationdata_x	Encoded rider Authentication Data sent for use by varied AV ride providers
cvdc62_trlrbrkactcnnct_b_actl_x	Indicates if a trailer is connected on the trailer brake actuator circuit (not the lamp circuit). This signal is used by the Brake ECU and the Reverse Park Aid. The Brake ECU uses it to enable or modify parameters related to Trailer Sway Control. The
cvdc62_ivsunotificationtype_x	IVSU Notification Type
cvdc62_sourcetypev2_x	Specifies the source of the deinhibit
cvdc62_batttrachicurn_no_actl_r	Number of High Current Events within current drive cycle
cvdc62_batttracneg_no_actl_r	Rolling Counter on how many times the main Negative Contactor resistance has exceeded a specified threshold
cvdc62_batttracneg_r_actl_r	Maximum resistance calculated by Battery Energy Control Module (BECM) for Main Negative Contactor for current drive cycle
cvdc62_batttracpeak_i_actl_r	Peak High Voltage current recorded during current drive cycle
cvdc62_batttracpostv_no_actl_r	Rolling Counter on how many times the Main Positive Contactor resistance has exceeded a specified threshold

cvdc62_batttracpostv_r_actl_r	Maximum resistance calculated by Battery Energy Control Module (BECM) for Main Positive Contactor for current drive cycle
cvdc62_activationstat_errcode_r	Error codes used during AV data transfer
cvdc62_activationstat_errdesc_x	Detailed error description used during AV data transfer
cvdc62_activationstatus_campaignid_x	Campaign ID for activation status
cvdc62_softwareactivationstatusv2_x	Status of the software activation
cvdc62_campaignstatus_errorcode_r	Error codes used during AV data transfer
cvdc62_campaignstatus_errordescription_x	Detailed error description used during AV data transfer
cvdc62_campaignstatus_campaignid_x	Campaign ID for campaign status
cvdc62_softwarecampaignstatus_x	Status of the software activation
cvdc62_downloadstatus_campaignid_x	Campaign ID for download status
cvdc62_softwaredownloadstatusv2_x	Status of the software download
cvdc62_installationstatus_campaignid_x	Campaign ID for installation status
cvdc62_softwareinstallationstatusv2_x	Status of the software installation
cvdc62_acchargelevel_r	Targeted level for AC charge percentage
cvdc62_dcchargelevel_r	Targeted level for DC charge percentage
cvdc62_currentdrawlimit_r	Global max current (Amps) draw limit
cvdc62_deinhibitsource_x	Specifies the source of the deinhibit for a SVS vehicle
cvdc62_powerlimit_r	Global max power (kWh) limit
cvdc62_chargecurrentdisplay_st_r	Live charging current displayed to customer

cvdc62_chargeglobalac_st_r	Customer selected default max current when AC charging and not at a saved location
cvdc62_chargeglobalcurrentrcmd_stlist_r	Recommended current
cvdc62_chargeglobaldc_st_r	Customer selected default max power when DC charging
cvdc62_chargeglobalid_stlist_r	ID used to coordinate HMI divisions between signals and values
cvdc62_chargeglobalpowerrcmd_stlist_r	Recommended power
cvdc62_chargeglobalsocacrcmd_stlist_r	Recommended AC SoC
cvdc62_chargeglobalsocac_st_r	Customer selected default target SoC when AC charging
cvdc62_chargeglobalsocdcrcmd_stlist_r	Recommended DC SoC
cvdc62_chargeglobalsocdc_st_r	Customer selected default target SoC when DC charging
cvdc62_chargepowerdisplay_st_r	Live charging power displayed to customer
cvdc62_chargevelocitydisplay_st_r	Live charging speed displayed to customer
cvdc62_chargevoltagedisplay_st_r	Live charging voltage displayed to customer
cvdc62_maxcurrentdisplay_st_r	The endpoint of the Global AC Max Current HMI Slider
cvdc62_maxpowerdisplay_st_r	The endpoint of the Global DC Max Power HMI Slider
cvdc62_becmdata_battchrgrdystat_d_actl_x	Battery System status for charge
cvdc62_batttrac2_pw_chrginst_r	Power traction(HV) battery can accept over short time (Charge limit)
cvdc62_batttrac2_pw_dchrginst_r	Power traction(HV) battery can provide over short time (Discharge limit)
cvdc62_batttrac3_pw_chrginst_r	Power traction(HV) battery can accept over short time (Charge limit)

cvdc62_batttrac3_pw_dchrginst_r	Power traction(HV) battery can provide over short time (Discharge limit)
cvdc62_batttrac3_pw_limchrg_r	Power traction(HV) battery can accept (Charge limit)
cvdc62_batttrac3_pw_limdchrg_r	Power traction(HV) battery can provide (Discharge limit)
cvdc62_curnttrgtsoc_pc_rq_r	This signal communicates the target SOC request for the current charge event.
cvdc62_batttracsoc_pc_dpltd_r	Traction Battery Charge Sustain Transition SOC
cvdc62_dtevehoffstmsgtxt_d_rq_x	This signal communicates the reason for the change in DTE calculated by the Cloud Enhanced DTE system.
cvdc62_pre_vehelrnge_l2_dsply_r	The remaining distance in km before battery is depleted before Cloud Enhanced DTE Vehicle Data Server update the signal
cvdc62_dcacpwrsrvset_d_stat_x	Selected range type - updated signal
cvdc62_evseenergyin_r	Target energy input for the Wallbox (EVSE)
cvdc62_evseenergyout_r	Target energy output for the Wallbox (EVSE)
cvdc62_ipactivationstate_x	State of the intelligent power enable setting
cvdc62_eventsource_r	Source of the event
cvdc62_maxacchargecurrent_r	Maximum AC charge current of the vehicle
cvdc62_maxdcchargepower_r	Maximum DC charge power of the vehicle
cvdc62_maxdischargepower_r	Maximum discharge power of the vehicle
cvdc62_targetsocmaximum_r	Target maximum State of Charge for the vehicle
cvdc62_targetsocminimum_r	Target minimum State of Charge for the vehicle
cvdc62_vehiclepreconditionsetting_r	Request to get the vehicle ready for the imminent drive

cvdc62_vehicleprecon ditioningstatus_x	Enumeration for the progress status of the vehicle preconditioning
cvdc62_chargestatusd ata_curnttrgtsoc_pc_d sply_r	Current Location Target SOC for display (percent)
cvdc62_ipenbl_b_stat_ r	Intelligent Power Enable Status
cvdc62_ipuceevnt_d_st at_r	Intelligent Power Uce Event Status
cvdc62_dchrgstat_d_d sply_r	Discharge Status Display
cvdc62_energyin_wh_a ctl_r	Energy input to the wallbox (EVSE)
cvdc62_energyout_wh_ actl_r	Energy output from the wallbox (EVSE)
cvdc62_gridsrvc02_b_s tat_r	Updated signal to indicate status of the grid service
cvdc62_cellrstrtrq_no_ actl_r	Event counter for remote start requests from cellular remote device
cvdc62_remote_start_s tatus_x	Status of a remote start operation
cvdc62_remotedevices tatusdata_rstrt_t_actl_r	Countdown timer representing time in seconds remaining until Remote Start expires
cvdc62_rollcodecell_n o_actl_r	Network Security Rolling Code for TCU signal requests
cvdc62_rollcodeunlock _r	The 16 bit Rolling Code that is generated by Network Security and transmitted over CAN
cvdc62_schedulelocal end_localdatetime_r	Local timestamp details
cvdc62_schedulelocal end_localoffset_r	Local Offset details
cvdc62_schedulelocal start_localdatetime_r	Local Offset timestamp details
cvdc62_schedulelocal start_localoffset_r	Local Offset details

cvdc62_ondmdconddrv_t_actl_r	This signal indicates the time remaining for the imminent drive conditioning request
cvdc62_profileevent_x	User profile event.
cvdc62_profileuid_r	User Profile UID for this Alert
cvdc62_profileusername_x	User Profile Name for the above Profile UID
cvdc62_vehicleprofile_x	Base 64 encoded vehicle avatar profile
cvdc62_ignitionsummaryondata_x	Ignition summary on data for the vehicle
cvdc62_ignitionsummaryondata_x	Ignition odometer value
cvdc62_ignitionsummaryondata_x	UTC dayUTC hoursUTC MillisecondsUTC minutesUTC monthUTC secondsUTC year
cvdc62_ignitionsummaryondata_x	UTC Offset
cvdc62_ignitionsummaryondata_x	latitude fractional portion in degrees,latitude integer portion in degrees,latitude sign
cvdc62_ignitionsummaryondata_x	longitude fractional portion in degrees,latitude integer portion in degrees,latitude sign
cvdc62_ignitionsummaryondata_x	Ignition Engine Service Required
cvdc62_ignitionsummaryondata_x	Ignition engine coolant temperature
cvdc62_ignitionsummaryondata_x	Ignition ambient temperature
cvdc62_ignitionsummaryondata_x	Ignition cabin temperature
cvdc62_ignitionsummaryondata_x	Ignition Engine Oil from CAN bus
cvdc62_ignitionsummaryondata_x	Ignition Percentage of the Battery charge from CAN bus
cvdc62_ignitionsummaryondata_x	Ignition residual charge of 12V battery at nominal temperature as percentage of the capacity if the battery would be charged at that moment.

cvdc62_ignitionsummaryondata_x	Ignition battery voltage
cvdc62_ignitionsummaryondata_x	Ignition remaining battery capacity
cvdc62_ignitionsummaryondata_x	Ignition Fuel Level percentage from CAN bus for PHEV See look-up table on Fuel 10-bit R-Card tab in ACP spec and logic from PHEV PRD This raw 10-bits is the green column on the Fuel 10-bit R-Card table
cvdc62_ignitionsummaryondata_x	Left Front Tire Pressure Value
cvdc62_ignitionsummaryondata_x	Right Front Tire Pressure value
cvdc62_ignitionsummaryondata_x	Left inner Left Rear tire pressure value
cvdc62_ignitionsummaryondata_x	Right inner Right Rear tire pressure value
cvdc62_ignitionsummaryondata_x	Left Rear OLR Tire Pressure value
cvdc62_ignitionsummaryondata_x	Right Rear ORR Tire Pressure value
cvdc62_ignitionsummaryondata_x	DTC information
cvdc62_ignitionsummaryondata_x	Diagnostic Node Id for the Electronic Control Unit
cvdc62_ignitionsummaryondata_x	Status of the ECU with respect to TCU communication with that specific ECU
cvdc62_ignitionsummaryondata_x	Actual DTC value
cvdc62_ignitionsummaryondata_x	Additional information to the DTC value - mode $19 only element
cvdc62_ignitionsummaryondata_x	Status of the DTC - example confirmed pending..etc.
cvdc62_ignitionsummaryondata_x	ECU configuration information
cvdc62_ignitionsummaryondata_x	ECU Id of the module for which the requested configuration need to be applied

cvdc62_ignitionsummaryondata_x	SDNTCU shall set the current Part2 specification's part number which has the requested Config. definitions.
cvdc62_ignitionsummaryondata_x	DID configuration information
cvdc62_ignitionsummaryondata_x	DID addressvalue of the config (Method2PartII GMRDB Other) DIDs
cvdc62_ignitionsummaryondata_x	Must contain all bytes to mimic CAN diagnostics behavior
cvdc62_ignitionsummaryondata_x	SDN shall always set one of the enumerated values
cvdc62_ignitionsummaryondata_x	Contains Decoded DID Signal Name
cvdc62_ignitionsummaryondata_x	Contains Decoded DID Signal Value
cvdc62_ignitionsummaryondata_x	App configuration information
cvdc62_ignitionsummaryondata_x	App-config name
cvdc62_ignitionsummaryondata_x	App-config value
cvdc62_ignitionsummaryondata_x	Target Application to Configure
cvdc62_ignitionsummaryondata_x	Used in order to unlock an ECU module
cvdc62_ignitionsummaryondata_x	Represents the security level that can be unlocked using the fixed bytes
cvdc62_ignitionsummaryondata_x	Represents the least significant bit in the bit field range
cvdc62_ignitionsummaryondata_x	Represents the most significant bit in the bit field range
cvdc62_ignitionsummaryondata_x	Represents the value to be put into the specified bit field range
cvdc62_ignitionsummaryondata_x	String containing the target DID address
cvdc62_ignitionsummaryondata_x	This corresponds to the length of the target DID value
cvdc62_ignitionsummaryondata_x	This corresponds to the Diagnostic Session required to write the DID

cvdc62_ignitionsummaryondata_x	Represents the security level identifier
cvdc62_ignitionsummaryondata_x	Fuel economy of current drive cycle for display to the customer litre100 kilometer
cvdc62_ignitionsummaryondata_x	Distance to empty from fuel in tank for display to the customer in kilometers
cvdc62_ignitionsummaryondata_x	Distance To Empty (DTE) for electric battery
cvdc62_ignitionsummaryondata_x	Energy available in High voltage traction battery
cvdc62_ignitionsummaryondata_x	Long Term Regenerated Energy Recovery Distance Achieved distance driven with regenerative braking energy recovered since the last long term reset
cvdc62_ignitionsummaryoffdata_x	Ignition summary off data for the vehicle
cvdc62_ignitionsummaryoffdata_x	Ignition odometer value
cvdc62_ignitionsummaryoffdata_x	UTC dayUTC hoursUTC MillisecondsUTC minutesUTC monthUTC secondsUTC year
cvdc62_ignitionsummaryoffdata_x	UTC Offset
cvdc62_ignitionsummaryoffdata_x	latitude fractional portion in degrees,latitude integer portion in degrees,latitude sign
cvdc62_ignitionsummaryoffdata_x	longitude fractional portion in degrees,longitude integer portion in degrees,longitude sign
cvdc62_ignitionsummaryoffdata_x	Ignition Engine Service Required
cvdc62_ignitionsummaryoffdata_x	Ignition engine coolant temperature
cvdc62_ignitionsummaryoffdata_x	Ignition ambient temperature
cvdc62_ignitionsummaryoffdata_x	Ignition cabin temperature
cvdc62_ignitionsummaryoffdata_x	Ignition Engine Oil from CAN bus
cvdc62_ignitionsummaryoffdata_x	Ignition Percentage of the Battery charge from CAN bus

cvdc62_ignitionsummaryoffdata_x	Ignition residual charge of 12V battery at nominal temperature as percentage of the capacity if the battery would be charged at that moment.
cvdc62_ignitionsummaryoffdata_x	Ignition battery voltage
cvdc62_ignitionsummaryoffdata_x	Ignition remaining battery capacity
cvdc62_ignitionsummaryoffdata_x	Ignition Fuel Level percentage from CAN bus for PHEV See look-up table on Fuel 10-bit R-Card tab in ACP spec and logic from PHEV PRD This raw 10-bits is the green column on the Fuel 10-bit R-Card table
cvdc62_ignitionsummaryoffdata_x	Left Front Tire Pressure Value
cvdc62_ignitionsummaryoffdata_x	Right Front Tire Pressure value
cvdc62_ignitionsummaryoffdata_x	Left inner Left Rear tire pressure value
cvdc62_ignitionsummaryoffdata_x	Right inner Right Rear tire pressure value
cvdc62_ignitionsummaryoffdata_x	Left Rear OLR Tire Pressure value
cvdc62_ignitionsummaryoffdata_x	Right Rear ORR Tire Pressure value
cvdc62_ignitionsummaryoffdata_x	DTC information
cvdc62_ignitionsummaryoffdata_x	Diagnostic Node Id for the Electronic Control Unit
cvdc62_ignitionsummaryoffdata_x	Status of the ECU with respect to TCU communication with that specific ECU
cvdc62_ignitionsummaryoffdata_x	Actual DTC value
cvdc62_ignitionsummaryoffdata_x	Additional information to the DTC value - mode $19 only element
cvdc62_ignitionsummaryoffdata_x	Status of the DTC - example confirmed pending..etc.
cvdc62_ignitionsummaryoffdata_x	ECU configuration information

cvdc62_ignitionsummaryoffdata_x	ECU Id of the module for which the requested configuration need to be applied
cvdc62_ignitionsummaryoffdata_x	SDNTCU shall set the current Part2 specification's part number which has the requested Config. definitions.
cvdc62_ignitionsummaryoffdata_x	DID configuration information
cvdc62_ignitionsummaryoffdata_x	DID addressvalue of the config (Method2PartII GMRDB Other) DIDs
cvdc62_ignitionsummaryoffdata_x	Must contain all bytes to mimic CAN diagnostics behavior
cvdc62_ignitionsummaryoffdata_x	SDN shall always set one of the enumerated values
cvdc62_ignitionsummaryoffdata_x	Contains Decoded DID Signal Name
cvdc62_ignitionsummaryoffdata_x	Contains Decoded DID Signal Value
cvdc62_ignitionsummaryoffdata_x	App configuration information
cvdc62_ignitionsummaryoffdata_x	App-config name
cvdc62_ignitionsummaryoffdata_x	App-config value
cvdc62_ignitionsummaryoffdata_x	Target Application to Configure
cvdc62_ignitionsummaryoffdata_x	Used in order to unlock an ECU module
cvdc62_ignitionsummaryoffdata_x	Represents the security level that can be unlocked using the fixed bytes
cvdc62_ignitionsummaryoffdata_x	Represents the least significant bit in the bit field range
cvdc62_ignitionsummaryoffdata_x	Represents the most significant bit in the bit field range
cvdc62_ignitionsummaryoffdata_x	Represents the value to be put into the specified bit field range
cvdc62_ignitionsummaryoffdata_x	String containing the target DID address
cvdc62_ignitionsummaryoffdata_x	This corresponds to the length of the target DID value

cvdc62_ignitionsummaryoffdata_x	This corresponds to the Diagnostic Session required to write the DID
cvdc62_ignitionsummaryoffdata_x	Represents the security level identifier
cvdc62_ignitionsummaryoffdata_x	Fuel economy of current drive cycle for display to the customer litre100 kilometer
cvdc62_ignitionsummaryoffdata_x	Distance to empty from fuel in tank for display to the customer in kilometers
cvdc62_ignitionsummaryoffdata_x	Distance To Empty (DTE) for electric battery
cvdc62_ignitionsummaryoffdata_x	Energy available in High voltage traction battery
cvdc62_ignitionsummaryoffdata_x	Long Term Regenerated Energy Recovery Distance Achieved distance driven with regenerative braking energy recovered since the last long term reset
cvdc62_ignitionsummaryrows_x	Ignition summary row data for CAN
cvdc62_ignitionsummaryrows_x	ignition summary data
cvdc62_ignitionsummaryrows_x	Form of Way (Cbz Road Class Type) on changeadd value count
cvdc62_ignitionsummaryrows_x	Gear level position from CAN bus
cvdc62_ignitionsummaryrows_x	ADAS Status Change
cvdc62_ignitionsummaryrows_x	Drive door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	passenger door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	left rear door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	right rear door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	Trunk door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	Liftgate door ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	Driver window position from CAN bus

cvdc62_ignitionsummaryrows_x	Passenger window position from CAN bus
cvdc62_ignitionsummaryrows_x	Rear Passenger window position from CAN bus
cvdc62_ignitionsummaryrows_x	Rear Driver window position from CAN bus
cvdc62_ignitionsummaryrows_x	hood ajar status from CAN bus
cvdc62_ignitionsummaryrows_x	Multi-access tailgate ajar status
cvdc62_ignitionsummaryrows_x	Engine State
cvdc62_ignitionsummaryrows_x	Cooling request in response to driver inputs and climate control logics
cvdc62_ignitionsummaryrows_x	Heating request in response to driver inputs and climate control logics
cvdc62_ignitionsummaryrows_x	Status of cruise controls
cvdc62_ignitionsummaryrows_x	Data collection odometer value
cvdc62_ignitionsummaryrows_x	This field provides a full UTC timestamp, broken down into its constituent parts: year, month, day, hours, minutes, seconds, and milliseconds.
cvdc62_ignitionsummaryrows_x	UTC Offset
cvdc62_adasfullhandsfreetime_r	ADAS Full Hands Free Time in seconds
cvdc62_adaslimitedmodetime_r	ADAS Limited Mode Time in seconds
cvdc62_adasstandbytime_r	ADAS Standby Time in seconds
cvdc62_lastoilchangedatetime_r	Last oil change datetime detail
cvdc62_lastoilchangedatetime_utcoffset_r	Last oil change datetime UTC offset detail
cvdc62_lastrefueldatetime_r	Last refuel datetime detail
cvdc62_lastrefueldatetime_utcoffset_r	Last refuel datetime UTC offset detail

cvdc62_previousignitionenddatetime_r	Previous ignition end datetime detail
cvdc62_previousignitionenddatetime_utcoffset_r	Previous ignition end datetime UTC offset detail
cvdc62_remotestartdatetime_r	Remote start datetime detail
cvdc62_remotestartdatetime_utcoffset_r	Remote start datetime UTC offset detail
cvdc62_soakduration_r	Soak Duration
cvdc62_warmupduration_r	Warmup Duration
cvdc62_bootcycleid_x	Boot Cycle ID
cvdc62_citydrivingtime_r	City Driving Time in seconds
cvdc62_highwaydrivingtime_r	Highway Driving Time in seconds
cvdc62_ignitioncycledistance_r	Distance this ignition cycle at ignition off
cvdc62_ignitioncycleduration_r	Ignition cycle duration in seconds
cvdc62_ignitioncycleid_x	Ignition Cycle ID
cvdc62_ignitioncyclekph_r	Kilometers per hour this ignition cycle at ignition off
cvdc62_ignitionoffchrgstat_d3_dsply_r	Indicates charge status
cvdc62_ignitionofflifecycmde_d_actl_r	CAN signal for Transport Mode (CGEA) - non EV signal
cvdc62_ignitionoffrgentrip_l_dsply_r	Trip Regenerated Energy Recovery Distance Achieved distance driven with regenerative braking energy recovered on the trip
cvdc62_ignitionofftire_press_placrd_frnt_r	Front Placard Tire Pressure
cvdc62_ignitionofftire_press_placrd_rear_r	Rear Placard Tire Pressure
cvdc62_lastoilchangeodometermastervalue_r	Last oil change odometer value

cvdc62_lastrefuelodometermastervalue_r	Last refuel odometer value
cvdc62_netenergyconsumed_r	Net energy consumed in watt hours start BattTrac2_E_Avail - end BattTrac2_E_Avail
cvdc62_oilchangecyclecount_r	Oil Change Cycle count
cvdc62_oilchangeflag_r	Oil Change Flag
cvdc62_parkidlist_x	Ignition Cycle ID
cvdc62_refuelcyclecount_r	Oil Change Cycle count
cvdc62_refuelflag_r	Oil Change Flag
cvdc62_remotestartairamb_te_actlfilt_r	Remote start ambient temperature
cvdc62_remotestartcabnamb_te_actl_r	Remote start cabin temperature
cvdc62_remotestartengclnt_te_actl_r	Remote start engine coolant temperature
cvdc62_tripidlist_x	Ignition Cycle ID
cvdc62_ipwenbl_b_stat_r	Intelligent Power Enable Status - Updated signal name
cvdc62_uceend_d_stat_r	Intelligent Power Uce Event Status - Updated signal name
cvdc62_battchrgin_e_actl_r	Energy input to the wallbox (EVSE) - updated signal name
cvdc62_battchrgout_e_actl_r	Energy output from the wallbox (EVSE) - updated signal name
cvdc62_dcdcuhi_i_actl_r	DCDC current usage for energy management
cvdc62_chrgcordlck_d_stat_x	Charge cord lock status
cvdc62_engoillvlwarn_d_rq1_x	Request to display engine oil level related warnings.
cvdc62_invehicleresettype_x	Identifier to indicate the Brand Connect Reset or master reset within the vehicle
cvdc62_resetmessagetype_x	Identifier to indicate the type of reset message

cvdc62_resetnotificationtype_x	Identifier to indicate the type of reset notification
cvdc62_vedsprmdiroff_an_ltchd_r	Indicates the Primary Direction Of Force (PDOF) calculated during a crash event
cvdc62_vedsroll_an_ltchd_r	Indicates the vehicle roll angle latched during a crash event
cvdc62_nmmdatalength_r	Length of the rows that contains NMM data from Several ECU
cvdc62_battulochrghyb_b_rq_x	The BCM transmits this signal to the HEV PCM to request the HV system to charge the LV battery
cvdc62_batt_lo_soc_b_x	Indicates if load shedding is active due to the 12V battery state of charge
cvdc62_chrgcordlck_b_stat_x	Sends unlock feature
cvdc62_keyoffmde_d_actl_x	Used to minimize battery drain when vehicle is off by informing ECUs when to go into their different states of low-current operation
cvdc62_ptwakereas_d_stat_x	Reason for BCM asserting hw wake line to PCM
cvdc62_vehonctl_d_stat_x	ISPR Off On or Unknown
cvdc62_vehonsrc2_d_stat_x	Indicates which featurefunction has RunStart Bus control
cvdc62_vehonsrc_d_stat_x	Indicates which featurefunction has RunStart Bus control
cvdc62_becmdata_battchrgisltn_b_falt_x	Indicates if there is an isolation detection fault
cvdc62_battchrgmde_d_actl_x	High voltage battery charging mode. Created for China DC charging. Used to communicaite with EVSE regarding battery charging mode
cvdc62_battchrgovrcurnt_b_falt_x	Battery charging current too high warning status. Set when high voltage battery charging current is higher than charging current request for a period of time

cvdc62_battchrgtrgtevnt_b_stat_x	The BECM will use this signal to identify the charge target reached wake event
cvdc62_batttracchrgsustn_b_rq_x	This signal is used by the BECM to sustain power to the HEV modules that are required to support the HV Traction Battery Charging while on plug
cvdc62_batttracdcfstsustn_b_rq_x	The BECM will use this signal to request supporting modules remain awake and communicating over CAN during DC Fast Charging
cvdc62_batttracdcdcdis_b_rq_x	Command from BECM to disable the Dcdc
cvdc62_batttrachazrd_d_stat_x	BECM reported battery thermal propagation hazard
cvdc62_batttrachvilopen_b_stat_x	Indicates the status of High Voltage Interlock (HVIL) at the Traction Battery
cvdc62_becmdata_batttracperf_pc_dsply_r	Indicates health of the battery
cvdc62_batttracteevnt_b_stat_x	The BECM will use this signal to identify the HV battery thermal change wake event
cvdc62_batttracvrtock_b_rq_x	This signal is to indicate the request of creating a virtual open circuit state on the main high voltage bus for open circuit voltage reset
cvdc62_dcdculo_u_actl_r	Voltage of the low voltage bus as seen by the DCDC converter
cvdc62_pwsrculodcnnt_b_stat_x	The status of the 12V power source output connection
cvdc62_pwsrculo_i_actl_r	Actual current being generated by 12V power source
cvdc62_koldatapairdatalist_x	Data received from Power management app.This will indicate the type of data which is being sent out
cvdc62_koldatapairdatalist_x	This will indicate the type of data which is being sent out
cvdc62_koldatapairdatalist_x	Data received from Power management app

cvdc62_gridsrvc02_d_stat_x	Updated signal to indicate status of the grid service
cvdc62_battchrgtrgtsoc_d_rq_x	Target SoC at which the BECM is to wake the vehicle so that the HPCM can perform PEPC functions
cvdc62_battdchrg_e_actlmntr_r	Denotes the net electric consumption from the high voltage battery ie output electricity minus input electricity but excluding energy from the power grid which is not affected by vehicle operation mode.
cvdc62_battfdbck_e_actlmntr_r	Denotes the feedback energy produced by taxiing or braking during vehicle
cvdc62_batttracdrvsustn_b_rq_x	The HPCM will use this signal to sustain the modules required to support HV Battery Drive Conditioning while on plug
cvdc62_cabindrvsustn_b_rq_x	The HPCM will use this signal to sustain the modules required to support Cabin Drive PreConditioning
cvdc62_htrncnnctpwr_b_stat_x	The HPCM's status of its contactor power enable output
cvdc62_htrndcdcdis_b_rq_x	The HPCM's vote to disable the DCDC
cvdc62_htrnhvilstate_d_stat_x	Indicates the status of the inverter's High Voltage Interlock (HVIL) state for current power cycle
cvdc62_precondactv_b_actl_x	When precharge conditioning is active this signal indicates that drive conditioning is active on plug in vehicles based on the next usage time (NUT)
cvdc62_precondbatt_b_actl_x	Indicates that battery preconditioning is active which targets to heatcool the battery to an optimal operating temperature while on plug with a next usage time (NUT) set
cvdc62_trnrng_d_rq_x	Gear position status

cvdc62_ulobatttransfer_d_stat_x	This signal indicates the status of HV to LV battery energy transfer required because of extended parking
cvdc62_ulobatttrnsfrsustn_b_rq_x	This signal indicates the request of required modules to remain awake and functional to support the HV to LV battery energy transfer. The energy transfer is required because of extended parking
cvdc62_dcdcon_b_rq_x	Command from VSC to DCDC to turn on
cvdc62_bpedmove_d_actl_x	Indicates presence and nature of brake pedal movement
cvdc62_chrgportdctemx_b_falt_x	DC charge port over temperature warning status
cvdc62_chrgportdropen_b_stat_x	This signal will tell you whether or not the Charge Port Door is open
cvdc62_chrgravailevnt_b_stat_x	The BCCM will use this signal to identify the charger power available change wake event
cvdc62_chrgrdcovrcurnt_b_falt_x	Represents an over current condition where the EVSE output current is greater than the battery requested current
cvdc62_chrgrdcovrvolt_b_falt_x	Fault signal representing a DC over voltage condition
cvdc62_chrgrs2swtch_b_stat_x	Status of the S2 switch
cvdc62_plgstatevnt_b_stat_x	The BCCM will use this signal to identify the plug status change wake event
cvdc62_datamntrsustn_b_rq_x	The TCU will use this signal to sustain the modules required to obtain data from for Data Monitoring
cvdc62_ptwakeupactv1_b_rq_x	This is a request from the CPP module to the Body control module to request that the PCM hardwire wake-up is activated.
cvdc62_stepincomp_an_est_r	HSCAN signal for Compensated steering pinion angle

cvdc62_dispglblclkadj_b_rq_x	Signal to indicate that Multi-Function Display (MFD) Time Adjust request is active
cvdc62_xev_disp_timestamp_s	Driver request through Multi-Function Display (MFD) for Time
cvdc62_xev_glbl_timestamp_s	Indicates the timestamp to the Clock Slaves
cvdc62_vehptch_an_actl_r	The calculated value of vehicle body pitch angle
cvdc62_routingid_r	Parameter populated by ECG for data monitor platform
cvdc62_preconditioningduration_r	Provide how long the user wants preconditioning to last in the vehicle
cvdc62_maxlongitudinalacceleration_r	Maximum Deceleration (Braking) or Acceleration
cvdc62_dischargelimit_r	Indicates the energy limit to stop an event for discharging (relates to UceDchrgMx_E_Actl CAN signal)
cvdc62_acmx_i_dsply_r	The endpoint of the Global AC Max Current HMI Slider
cvdc62_chrgglblacrcmd_pc_dspllist_r	Recommended AC SoC
cvdc62_chrgglblac_i_mx_r	Customer selected default max current when AC charging and not at a saved location
cvdc62_chrgglbldcrcmd_pc_dspllist_r	Recommended DC SoC
cvdc62_chrgglbldc_pw_mx_r	Customer selected default max power when DC charging
cvdc62_chrgglblid_no_actllist_r	ID used to coordinate HMI divisions between signals and values
cvdc62_chrgglblrcmd_i_dsplylist_r	Recommended current
cvdc62_chrgglblrcmd_pw_dsplylist_r	Recommended power
cvdc62_chrgglblsocac_pc_mx_r	Customer selected default target SoC when AC charging

cvdc62_chrgglblsocdc_pc_mx_r	Customer selected default target SoC when DC charging
cvdc62_chrg_i_dsply_r	Live charging current displayed to customer
cvdc62_chrg_pw_dsply_r	Live charging power displayed to customer
cvdc62_chrg_u_dsply_r	Live charging voltage displayed to customer
cvdc62_chrg_v_dsply_r	Live charging speed displayed to customer
cvdc62_dcmx_pw_dsply_r	The endpoint of the Global DC Max Power HMI Slider
cvdc62_ofbchrgglblacmx_i_rqlist_r	Offboard Advanced Charge Settings Global Max Current Limit (AC) request
cvdc62_ofbchrgglbldcmx_pw_rqlist_r	Offboard Advanced Charge Settings Global Max Power Limit (DC) request
cvdc62_ofbchrgsetupdate_b_rqlist_r	Offboard Advanced Charge Settings Update request
cvdc62_ofbchrgsocacmx_pc_rq_r	Offboard Advanced Charge Settings Global AC Target SoC request
cvdc62_ofbchrgsocdcmx_pc_rq_r	Offboard Advanced Charge Settings Global DC Target SoC request
cvdc62_energyconsumptiondata_chrg_v_dsply_r	Live charging speed (added range per unit of time) displayed to the customer
cvdc62_battfdbckdta_e_actlmntr_r	Denotes the feedback energy produced by taxiing or braking during vehicle
cvdc62_becmdiddata_moduleddiddatalist_x	Contains info regarding Address of the DID on the module,Description of the DID,Name of the module
cvdc62_becmdiddata_moduleddiddatalist_x	Address of the DID on the module
cvdc62_becmdiddata_moduleddiddatalist_x	Description of the DID
cvdc62_becmdiddata_moduleddiddatalist_x	Name of the module
cvdc62_becmdiddata_moduleddiddatalist_x	DID configuration information

cvdc62_becmdiddata_moduleddiddatalist_x	Contains Decoded DID Signal name
cvdc62_becmdiddata_moduleddiddatalist_x	Contains Decoded DID Signal Value
cvdc62_inservicetrigger_x	Controls IVSU cloud triggers when vehicle is in service
cvdc62_dischargestatusdata_dchrgstat_d_dsply_x	Discharge Status Display
cvdc62_buckledseats_r	Number of buckled seats
cvdc62_bufferedbatterydata_x	Pre-event buffered battery data
cvdc62_bufferedbatterydataorder_r	Numerical order of buffer data sent in this batch
cvdc62_chargingstatus_x	Status of Charge Feature
cvdc62_occupiedseats_r	Number of occupied seats
cvdc62_streamingbatterydata_x	TP event streaming battery data since last message
cvdc62_streamingbatterydataorder_r	Numerical order of streaming data sent in this batch
cvdc62_towingstatus_x	Status of Towing
cvdc62_tmc_processing_category_x	Scrubbing category applied by TMC at the time that particular message was processed
cvdc62_accumulatedmilesv2_r	Miles accumulated using fuel this duration - derived value
cvdc62_totalalloweddistance_r	total distance allowed
cvdc62_totalallowedtime_r	total allowed time
cvdc62_totalcapabledistance_r	total capable distance
cvdc62_totalcapabletime_r	total capable time
cvdc62_totalhandsoffdistance_r	total hands-off distance

cvdc62_totalhandsoffti me_r	total hands-off time
cvdc62_totalhandsond istance_r	total hands-on distance
cvdc62_totalhandsonti me_r	total hands-on time in seconds
cvdc62_triptime_r	total time from Ignition On to Ignition Off in seconds
cvdc62_constant_r	Configurable Following Distance Constant value through the CVFMA feature package
cvdc62_total_time_r	Total time between Following Distance Begin and End
cvdc62_duration_limit_ r	Configurable Following Distance Duration limit value through the CVFMA feature package
cvdc62_cmbbobjdistlo ng_l_actl_r	Signal is to measure the distance to object in front in meters Longitudinal distance from front centerline of host vehicle to CMbB Object. When there is no CMbB-identified collision threat this signal will report 'NoDataExists'.
cvdc62_dasattentwarn _d_dsply_x	DAS Attention warning Display obtained from DasAttentWarn_D_Dsply
cvdc62_drvattentzone_ d_stat_x	Driver attention zone obtained from DrvAttentZone_D_Stat
cvdc62_tmclifecycmod e_x	CAN signal for Life cycle mode of vehicle e.g. Factory Mode Transport Mode etc. (CGEA), CAN signal for Transport Mode (CGEA) - non EV signal ,CAN signal for Transport Mode (same for C1MCA and CGEA)
cvdc62_tmcgroupid_x	TMC group ID information
cvdc62_otapayload_x	An encrypted byte payload containing the vehicle's download information including name version and URL.
cvdc62_batthivoltrgltn_ d_type_x	BEVPHEV Vehicle compliant with Type of Battery regulation

cvdc62_batttraccarbdelt_pc_act_r	Estimated State Of Health (SOH) for California Air Resource Board (CARB) deviation from regulatory lifetime warranty target
cvdc62_batttraccarbinit_e2_rsrv_r	High Voltage Battery California Air Resource Board (CARB) initial energy for reserve
cvdc62_batttraccarbrmng_e2_rsrv_r	High Voltage Battery California Air Resource Board (CARB) remaining energy for reserve
cvdc62_batttraccarb_pc_actl_r	High Voltage Battery California Air Resource Board (CARB) energy percentage actual
cvdc62_batttraccarb_pc_dsply_r	High Voltage Battery California Air Resource Board (CARB) regulations energy percentage for display to customer
cvdc62_batttraccarb_pc_est_r	High Voltage Battery California Air Resource Board (CARB) regulations energy percentage estimate
cvdc62_batttracepadelta_pc_act_r	Estimated State Of Certified Energy (SOCE) for Environmental Protection agency (EPA) deviation from regulatory lifetime warranty target
cvdc62_batttrachlthcarb_d2_st_x	Health status of High Voltage Battery for California Air Resource Board (CARB) energy
cvdc62_batttrachlthsoce_d_st_x	Health status of High Voltage Battery for State Of Certified Energy (Soce)
cvdc62_batttracinitersrv_b_st_x	Status to let module know initial energy reserve is supported
cvdc62_batttraclifeused_pc_est_r	High Voltage battery percentage used of designed life
cvdc62_batttraclstupdt_b_stat_x	Status for tha validity of the distance calculation since last update
cvdc62_batttraclstupdt_l2_dspl_r	Distance traveled since last State Of Health (SOH) update calculation completed for display

cvdc62_batttracperfvald_b_st_x	Flag for letting other modules know that the display value is valid.
cvdc62_batttracpwon_te_mx_r	Maximum High Voltage battery temperature while power pack is on
cvdc62_batttracrmngersrv_b_st_x	Status to let module know remaining energy reserve is supported
cvdc62_batttracsocedelt_pc_act_r	Estimated State Of Certified Energy (SOCE) for European Union Level 7 (EU7) deviation from regulatory lifetime warranty target
cvdc62_batttracsoceinit_e_rsrv_r	High Voltage Battery State Of Certified Energy (Soce) initial energy for reserve
cvdc62_batttracsocermng_e_rsrv_r	High Voltage Battery State Of Certified Energy (Soce) remaining energy for reserve
cvdc62_batttracsoce_pc_actl_r	High Voltage Battery State Of Certified Energy (Soce) percentage actual
cvdc62_batttracsoce_pc_dsply_r	High Voltage Battery State Of Certified Energy (Soce) percentage for display to customer
cvdc62_batttracsoce_pc_est_r	High Voltage Battery State Of Certified Energy (Soce) percentage estimate
cvdc62_batttracthrput_ah_actl_r	High Voltage battery amp-hour throughput
cvdc62_batttracube_e_actl_r	This signal provides the High Voltage Usable Battery Energy that is available to be used for State of Health calculation
cvdc62_vehchrgmx_pw_dsply_r	Max Charging power of the EVSE and Vehicle
cvdc62_keyvaluepairsstring_x	A map containing additional parameters to be sent along side a software update.
cvdc62_wifirequired_x	Informs IVSUOTA to popup and get a consent to download update using Wi-Fi
cvdc62_plugsessionid_r	System generated (by ECG) Unique Identifier for a single plug session.
cvdc62_totalenergyadded_r	Total energy added from the charger to the vehicle for a particular plug session.

cvdc62_truc_mission_latitudedecimaldegrees_r_3	This column indicates the truncated value of precise latitude by combining the degrees, minutes, and decimal minutes of both latitude and longitude, along with their respective orientations.
cvdc62_truc_mission_longitudedecimaldegrees_r_3	This column indicates the truncated value of precise longitude by combining the degrees, minutes, and decimal minutes of both latitude and longitude, along with their respective orientations.
cvdc62_truc_curr_onln_trffc_latitudedecimaldegrees_r_3	This column indicates the Current truncated values of precise latitude position in decimal from online traffic GPS info
cvdc62_truc_curr_onln_trffc_longitudedecimaldegrees_r_3	This column indicates the Current truncated precise longitude position in decimal from online traffic GPS info
cvdc62_truc_desti_onln_trffc_latitudedecimaldegrees_r_3	This column indicates the Destination truncated values of precise latitude position in decimal from online traffic GPS info
cvdc62_truc_desti_onln_trffc_longitudedecimaldegrees_r_3	This column indicates the Destination truncated values of precise longitude position in decimal from online traffic GPS info
cvdc62_truc_shiftedgpsinfov2_latdecmdeg_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_shiftedgpsinfov2_longdecmdeg_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign

cvdc62_truc_unshiftedgpsinfov2_latdecmdeg_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_unshiftedgpsinfov2_longdecmdeg_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehposdata_shiftedgpsinfov2_latdecmdeg_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehposdata_shiftedgpsinfov2_longdecmdeg_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehposdata_unshiftedgpsinfov2_latdecmdeg_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehposdata_unshiftedgpsinfov2_longdecmdeg_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_functiondata_x_3	Feature specific function message based on FTCP featureapp specific proto file,e.g. LockCommand LockCommandResponse [Apps] OnlineTrafficQuery OnlineTrafficQueryResponse. e.g. Provisioning Alert [SPCM - CCS RVCM Provisioning]

cvdc62_actionstatus_x_3	Status of the action
cvdc62_executionstatus_x_3	Execution status of a script
cvdc62_scriptaction_x_3	Administrationcontrol action requested in this command either to startstop or restart a script.
cvdc62_scriptactionerror_x_3	Error codes to be populated only when status is FAILED
cvdc62_scriptdata_x_3	Set when the data is of type float,double,bytes,string,signed and unsigned integer,boolean
cvdc62_metdta_alertid_x_3	meta data for a script collection alert that provides the alertid
cvdc62_metdta_lyot_ver_x_3	meta data for a script collection alert that provides the layoutversion of script
cvdc62_metdta_info_x_3	meta data for a script collection alert that provides the info about the script
cvdc62_metdta_alert_ts_x_3	meta data for a script collection alert that provides the timestamp of script
cvdc62_scriptid_x_3	meta data for a script collection alert that provides the script Id for script
cvdc62_metdta_alert_type_x_3	meta data for a script collection alert that provides the type of alert for which script created
cvdc62_diagnostic_reqt_dta_from_cloud_x	diagnstic request data to be sent to target ECU
cvdc62_diagnostic_stc	State when the TCU shall issue a diagnostic request to the target ECU
cvdc62_trgt_ecu_d	Target ECU ID to which the diagnostic request should be sent
cvdc62_diagnosticresponsedata_x	Target ECU to which the RDR diagnostic request should be sent
cvdc62_diagnosticresponsedata_x	Target ECU to which the diagnostic request should be sent
cvdc62_diagnosticresponsedata_x	RDR diagnostic request data to be sent to target ECU

cvdc62_diagnostic_req t_statuse_r	Diagnostic Request Status type
cvdc62_carmon_diag_r esp_data_x_3	diagnostic request data to be sent to target ECU
cvdc62_carmon_diag_r esp_data_x_3	Target ECU to which the diagnostic request should be sent
cvdc62_carmon_diag_r esp_data_x_3	diagnostic request data that was sent as part of the request
cvdc62_carmon_diag_r esp_data_x_3	Diagnostic Request Status type
cvdc62_carmon_diag_r esp_data_x_3	Target ECU Id
cvdc62_carmon_sgnl_r esp_data_x_3	stream of bytes representing signal data
cvdc62_carmon_sgnl_r esp_data_x_3	Enumeration to indicate the signal token is calculated or not
cvdc62_carmon_sgnl_r esp_data_x_3	Signal token should be populated
cvdc62_carmon_sgnl_r esp_data_x_3	Signal name
cvdc62_dvdfunction_x_ 3	desired bandwidth allowed for the function
cvdc62_dvdfunction_x_ 3	Cloud shall set this if DTC should be collected
cvdc62_dvdfunction_x_ 3	Target ECU to which the diagnostic request should be sent
cvdc62_dvdfunction_x_ 3	Diagnostic request data to be sent to target ECU
cvdc62_dvdfunction_x_ 3	Target ECU id for DIAGNOSTIC data
cvdc62_dvdfunction_x_ 3	Metadata about the signal
cvdc62_dvdfunction_x_ 3	Length of the signal
cvdc62_dvdfunction_x_ 3	Message Id
cvdc62_dvdfunction_x_ 3	Signal token
cvdc62_dvdfunction_x_ 3	Signal name

cvdc62_dvdfunction_x_3	Start bit of the signal
cvdc62_dvdfunction_x_3	Enumeration to define the type of trigger
cvdc62_dvdfunction_x_3	All math expressions to satisfy for duration in seconds
cvdc62_dvdfunction_x_3	Math expression evaluation conditions
cvdc62_dvdfunction_x_3	Carmon Math Expression Operand Parameters
cvdc62_dvdfunction_x_3	DID id
cvdc62_dvdfunction_x_3	Length of the DID
cvdc62_dvdfunction_x_3	Start bit of the DID
cvdc62_dvdfunction_x_3	Target ECU Id
cvdc62_dvdfunction_x_3	DTC Id
cvdc62_dvdfunction_x_3	Type of operand
cvdc62_dvdfunction_x_3	Value in bytes to be populated if operand is VALUE
cvdc62_dvdfunction_x_3	If true the math expression needs to be false to be triggered
cvdc62_dvdfunction_x_3	Operator Enumeration
cvdc62_dvdfunction_x_3	Applicable only for Delta operator
cvdc62_dvdfunction_x_3	Total no. of expressions
cvdc62_dvdfunction_x_3	Time in seconds for PERIODIC EventType (e.g. 30 seconds).Cloud shall ONLY populate this for PERIODIC event
cvdc62_dvdfunction_x_3	Function id to uniquely identify a function
cvdc62_dvdfunction_x_3	Channel id of the ECU
cvdc62_dvdfunction_x_3	Time interval between each consecutive frame on CAN

cvdc62_dvdfunction_x_3	Target ECU to which the PARSED channel is opened
cvdc62_dvdfunction_x_3	TCU shall start the diagnostic process with a delay(minutes)
cvdc62_dvdfunction_x_3	Storage priority for the function while storing collected data in TCU memory
cvdc62_dvdfunction_x_3	Total number of CARMON Diagnostics Data sets
cvdc62_dvdfunction_x_3	Total number of CARMON Signal Data sets
cvdc62_dvdfunction_x_3	Total number of customer requirements that the ECU has processed
cvdc62_dvdfunction_x_3	Total number of CCS preconditions that the ECU has processed
cvdc62_dvdfunction_x_3	Used to identify CCS Entity requirement
cvdc62_dvdfunction_x_3	Used to identify Id of CCS requirement
cvdc62_dvdfunction_x_3	Used to identify type of CCS requirement
cvdc62_function_stat_x_3	status of the function creation or deletion or reading. tcu shall always populate this
cvdc62_function_stat_x_3	Error codes will be populated by TCU when DVDfunctionStatus is FAILED
cvdc62_function_stat_x_3	Error description shall be populated when DVDfunctionStatus is FAILED
cvdc62_function_stat_x_3	Function ID
cvdc62_channelid_r_3	Response channel ID
cvdc62_responsedatafromecu_x_3	Response data in bytes
cvdc62_responseecuid_x_3	Response ECU ID
cvdc62_add_dvd_func_stat_x_3	Status of DVD CARMON/PARSED/RDR function addition
cvdc62_data_collection_err_x_3	Error codes to be populated only when dataCollectionStatus is FAILED
cvdc62_data_collection_stat_x_3	Status of CARMON/PARSED/RDR data collection

cvdc62_delete_stat_x_3	Status of DVD function deletion
cvdc62_function_d_3	Function ID of the CARMON/RDR/PARSED function
cvdc62_metadata_read_stat_x_3	Status of read DVD function metadata
cvdc62_no_of_functions_processed_r_3	Number of functions that TCU has processed
cvdc62_no_of_functions_requested_r_3	Number of functions that TCU has processed
cvdc62_read_stat_x_3	Status of reading function details
cvdc62_tot_no_of_functions_r_3	Number of functions/function ids sent as part of the command
cvdc62_tot_numb_of_functions_r_3	Total number of functions available in TCU
cvdc62_add_dvd_function_err_c_3	ADD DVDFunctionErrorCode
cvdc62_delete_dvd_function_err_c_3	Error codes - to be populated only when deleteStatus is FAILED
cvdc62_read_dvd_err_c_3	Error codes for reading function details populated only when readStatus is FAILED
cvdc62_metadata_read_err_c_3	Error codes while reading a DVD function metadata populated only when metadataReadStatus is FAILED
cvdc62_dvd_function_err_x_3	DVDFunctionErrorCode
cvdc62_function_id_list_x_3	list of functionids in tcu memory to be obtained or removed from tcu memory
cvdc62_tot_num_of_diag_resp_data_r_3	total no. of DIAGDiagnosticResponseData
cvdc62_tot_num_of_sig_resp_data_r_3	total no. of SignalResponseData
cvdc62_parsedfunction_x_3	PARSED Function data
cvdc62_rawfunctionstatus_x_3	Status of the PARSED RAW function Execution
cvdc62_dtasamplingtime_s	dta sampling time information

cvdc62_dtasamplingtime_utcoffset_r	dta sampling time utc offset information
cvdc62_vin_d_3	
cvdc62_raw_payload_metadata_lighthouse_id_x	
cvdc62_fcs_flag_x	
cvdc62_com360_flag_x	
cvdc62_msg_metadata_msg_n	
cvdc62_msg_metadata_msg_typ_x	
cvdc62_did_id_x	
cvdc62_did_value_x	
cvdc62_did_type_x	
cvdc62_did_subfield_name_x	
cvdc62_vehicle_data_did_subfield_decoded_x	
cvdc62_direct_elevated_identifier_did_subfield_decoded_x	
cvdc62_direct_identifier_did_subfield_decoded_x	
cvdc62_driver_data_did_subfield_decoded_x	
cvdc62_geolocation_did_subfield_decoded_x	
cvdc62_indirect_identifier_did_subfield_decoded_x	
cvdc62_unit_of_measurement_x	
cvdc62_did_decoding_message_x_3	
cvdc62_did_subfield_start_bit_x	
cvdc62_did_subfield_occurrence_r	

cvdc62_classification_status_x	
cvdc62_ecu_ssds_part_num_c	
cvdc62_did_subfield_decoded_x	
cvdc62_ecuid_x	
cvdc62_drivingdtasecdpurptag_x	
cvdc62_locsecdpurptag_x	
cvdc62_primarypurposetag_x	
cvdc62_tagversion_x	
cvdc62_vehdtasecdpurptag_x	
cvdc62_consent_flag_x	
cvdc62_vehiclepositiondata_advancedshifted_latitudedecimaldegrees_r_3	latitude fractional portion in degrees
cvdc62_vehiclepositiondata_advancedshifted_longitudedecimaldegrees_r_3	longitude fractional portion in degrees
cvdc62_vehiclepositiondata_advancedunshifted_latitudedecimaldegrees_r_3	latitude fractional portion in degrees
cvdc62_vehiclepositiondata_advancedunshifted_longitudedecimaldegrees_r_3	longitude fractional portion in degrees
cvdc62_vehpos_common_threedimensionalestimatederror_r_3	Indicates the three dimensional error in meters of the location solution Refer GNSS Message 'Location Quality'
cvdc62_vehiclepositiondata_common_compassdirection_x_3	Compass direction from GPS module
cvdc62_vehiclepositiondata_common_fixtype_x_3	Fix Type from GPS module

cvdc62_vehiclepositiondata_common_heading_r_3	heading in degrees from GPS module
cvdc62_vehiclepositiondata_common_meansealevelaltitude_r_3	mean sealevel altitude
cvdc62_vehiclepositiondata_commongpstimestamp_s_3	GPS timestamp information
cvdc62_truc_vehiclepositiondata_advancedshifted_latitudedecimaldegrees_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehiclepositiondata_advancedshifted_longitudedecimaldegrees_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehiclepositiondata_advancedunshifted_latitudedecimaldegrees_r_3	This column indicates the truncated values of precise latitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_truc_vehiclepositiondata_advancedunshifted_longitudedecimaldegrees_r_3	This column indicates the truncated values of precise longitude by combining the integer portion of the degrees, the fractional portion of the degrees, and the sign
cvdc62_accmemenbl_b_rqdrv_x	Allows driver to select between normal cruise control vs. Adaptive cruise control
cvdc62_ccbuttnonoffpress_x	This signal defines whether the driver has pressed the Cruise Control or ACC OnOff Button
cvdc62_ccstat_d_actl_x	Status of cruise controls

cvdc62_cmbbbrkdecel_a_rq_r	Request for vehicle deceleration to the brake control system from the Collision Mitigation by Braking (CMbB) system. Negative deceleration Positive acceleration.
cvdc62_cmbbobjdistlat_l_actl_r	Lateral distance from front centerline of host vehicle to CMbB Object. Objects to the left of the host are reported with Positive Distance (ISO Standard). When there is no CMbB-identified collision threat this signal will report 'NoDataExists'.
cvdc62_cmbbobjrellat_v_actl_r	Relative Lateral Velocity from front centerline of host vehicle to CMbB Object. Objects moving to the left of the host are reported with Positive Velocity (ISO Standard) . When there is no CMbB-identified collision threat this signal will report NoDataE
cvdc62_cmbbobjrellong_v_actl_r	Relative Longitudinal Velocity from front centerline of host vehicle to CMbB Object. When there is no CMbB-identified collision threat this signal will report 'NoDataExists'.
cvdc62_dasalrtlvl_d_dsply_x	Current Driver alertness level.
cvdc62_drvalertst_d_stat_x	Driver alert state
cvdc62_fcwdeny_b_dsply_x	Forward Collision Warning (FCW) is not working properly and the function is denied.
cvdc62_firstrowbucklemid_x	Indicates seatbelt buckle status (Belted unbelted) and fault status for first row middle passenger.
cvdc62_lahandsoff_b_actl_x	Hands Physically on the steering wheel detected status

cvdc62_litval_x	An indication of ambient light level for use by modules implementing non-standard dimmable backlighting. Also known as white lighting this form of backlighting involves a reflective surface on the control being backlit.
cvdc62_lscmbbbrkdecel_b_actl_x	To inform that the CMbB automatic braking is activated.
cvdc62_psngrfrntdetct_d_actl_x	Passenger Presence Detection seat mat is used for front passenger
cvdc62_row2drvprsnc_d_actl_x	Indicates second row driver seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat
cvdc62_row2midprsnc_d_actl_x	Indicates second row middle seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat
cvdc62_row2psngrprsnc_d_actl_x	Indicates second row passenger seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat
cvdc62_row3drvprsnc_d_actl_x	Indicates third row driver seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat
cvdc62_row3midprsnc_d_actl_x	Indicates third row middle seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat.
cvdc62_row3psngrprsnc_d_actl_x	Indicates third row passenger seat occupancy status (occupied empty) and fault status based on Passenger Presence Detection seat mat in the seat
cvdc62_secondrowbcklpsngrmid_x	Second row passenger middle seating position buckle status. This is for the V36x double chassis cab

cvdc62_secondrowbckldrvmid_x	Second row driver middle seating position buckle status. This is for the V36x double chassis cab
cvdc62_soddetctleft_d_stat_x	Left side BLIS radar has detected an object within the BZ.
cvdc62_soddetctright_d_stat_x	Right side BLIS radar has detected an object within the BZ.
cvdc62_tjalanebias_d_stat_x	Lane Biasing status
cvdc62_tja_d_stat_x	Carryover from TJA (Bluecruise)
cvdc62_fleetconsentlist_x	