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  {
    "Accu24VVoltage" : 27.40500068664551,
    "AccuCurrent" : 0.1720000058412552,
    "AccuCurrentExternalCharger" : 0.0,
    "AccuCurrentInternalCharger" : 0.0,
    "AccuLoadVoltage" : 27.31900215148926,
    "AccuMaxCurrent" : 0.175000011920929,
    "AccuMinVoltage" : 27.10400199890137,
    "AccuStatus" : 0,
    "AccuVoltageExternalCharger" : 3.129000186920166,
    "AccuVoltageInternalCharger" : 0.009000000543892384,
    "CellVoltage" : [ 3.459000110626221, 3.474000215530396, 3.463000059127808,
3.406000137329102, 3.40500020980835, 3.396000146865845, 3.388000249862671,
3.414000272750854 ],
    "Code" : -2130705907,
    "CurrentVelocity" : {
      "Phi" : 0.0,
      "X" : 0.0,
      "Y" : 0.0
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    "CurrentVelocityTime" : 0,
    "EmbeddedPCStatus" : 0,
    "EmergencyCode" : 33088,
    "ErrorRegister" : 85,
    "GlobalCounter" : 801,
    "Message" : "Error ID 8100020d",
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    "PowerupCounter" : 42,
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      "X" : 0.0,
      "Y" : 0.0
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    "RequestedVelocityTime" : 0,
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    "UnixTime" : 1371457332000000000
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    "Accu24VVoltage" : 27.39000129699707,
    "AccuCurrent" : 0.1720000058412552,
    "AccuCurrentExternalCharger" : 0.0,
    "AccuCurrentInternalCharger" : 0.0,
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"AccuLoadVoltage" : 27.32500076293945,
"AccuMaxCurrent" : 0.175000011920929,
"AccuMinVoltage" : 27.0880012512207,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.009000000543892384,
"CellVoltage" : [ 3.456000089645386, 3.471000194549561, 3.460000276565552,
3.40500020980835, 3.40500020980835, 3.394000053405762, 3.38700008392334,
3.412000179290771 ],
"Code" : -2130705907,
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"Y" : 0.0
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"EmergencyCode" : 33088,
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"Y" : 0.0
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"AccuCurrent" : 0.1890000104904175,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.31900215148926,
"AccuMaxCurrent" : 0.1920000016689301,
"AccuMinVoltage" : 27.07200050354004,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.009000000543892384,
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"CellVoltage" : [ 3.451000213623047, 3.468000173568726, 3.459000110626221,
3.40500020980835, 3.403000116348267, 3.394000053405762, 3.38700008392334,
3.41100025177002 ],
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"AccuCurrentInternalCharger" : 0.0,
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"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 27.04100036621094,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.127000093460083,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.445000171661377, 3.459000110626221, 3.453000068664551,
3.402000188827515, 3.400000095367432, 3.391000270843506, 3.385000228881836,
3.408000230789185 ],
"Code" : -2130705907,
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"X" : 0.0,
"Y" : 0.0
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"X" : 0.0,
"Y" : 0.0
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"RequestedVelocityTime" : 0,
"Type" : 1,
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"Accu24VVoltage" : 27.17200088500977,
"AccuCurrent" : 0.1770000010728836,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.1150016784668,
"AccuMaxCurrent" : 0.1800000071525574,
"AccuMinVoltage" : 26.85000038146973,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.534000039100647,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.42300009727478, 3.420000076293945, 3.421000242233276,
3.384000062942505, 3.385000228881836, 3.378000259399414, 3.373000144958496,
3.388000249862671 ],
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"X" : 0.0,
"Y" : 0.0
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"EmergencyCode" : 33088,
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  "X" : 0.0,
  "Y" : 0.0
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  "AccuCurrent" : 0.1910000145435333,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.64400100708008,
  "AccuMaxCurrent" : 0.1940000057220459,
  "AccuMinVoltage" : 26.37400054931641,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.128000259399414,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.327000141143799, 3.336000204086304, 3.337000131607056,
3.337000131607056, 3.337000131607056, 3.337000131607056, 3.337000131607056,
3.334000110626221 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 701,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 47,
  "RequestedVelocity" : {
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"Phi" : 0.0,
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"Y" : 0.0
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"RequestedVelocityTime" : 0,
"Type" : 1,
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"Accu24VVoltage" : 26.70700073242188,
"AccuCurrent" : 0.1170000061392784,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.1210000067949295,
"AccuMinVoltage" : 26.40600204467773,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.337000131607056, 3.342000246047974,
3.340000152587891, 3.342000246047974, 3.342000246047974, 3.340000152587891,
3.337000131607056 ],
"Code" : -2130705907,
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"X" : 0.0,
"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
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"ErrorRegister" : 85,
"GlobalCounter" : 700,
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"X" : 0.0,
"Y" : 0.0
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"RequestedVelocityTime" : 0,
"Type" : 1,
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"UnixTime" : 1372516898000000000
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"Accu24VVoltage" : 28.51800155639648,
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"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.45000076293945,
"AccuMaxCurrent" : 0.175000011920929,
"AccuMinVoltage" : 28.22300148010254,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.537000060081482,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.567000150680542, 3.565000057220459, 3.567000150680542,
3.565000057220459, 3.565000057220459, 3.559000253677368, 3.565000057220459,
3.565000057220459 ],
"Code" : -2130705907,
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"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
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"X" : 0.0,
"Y" : 0.0
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"RequestedVelocityTime" : 0,
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"Accu24VVoltage" : 26.86000061035156,
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"AccuCurrentInternalCharger" : 0.0,
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"AccuMinVoltage" : 26.43000030517578,
"AccuStatus" : 193,
"AccuVoltageExternalCharger" : 35.08500289916992,
"AccuVoltageInternalCharger" : 0.0,
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3.355000257492065, 3.361000061035156, 3.363000154495239, 3.357000112533569,
3.357000112533569],
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"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 701,
"Message" : "Error ID 8100020d",
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"X" : 0.0,
"Y" : 0.0
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"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1373876640000000000
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{
"Accu24VVoltage" : 26.69300079345703,
"AccuCurrent" : 0.175000011920929,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.61100196838379,
"AccuMaxCurrent" : 0.1780000030994415,
"AccuMinVoltage" : 26.39000129699707,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,


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"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.336000204086304, 3.339000225067139,
3.337000131607056, 3.339000225067139, 3.340000152587891, 3.339000225067139,
3.336000204086304 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
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"ErrorRegister" : 85,
"GlobalCounter" : 2601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 51,
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"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374141575000000000
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{
"Accu24VVoltage" : 26.67500114440918,
"AccuCurrent" : 0.1910000145435333,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.60700035095215,
"AccuMaxCurrent" : 0.1940000057220459,
"AccuMinVoltage" : 26.35800170898438,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.324000120162964, 3.334000110626221, 3.337000131607056,
3.336000204086304, 3.337000131607056, 3.337000131607056, 3.336000204086304,
3.334000110626221 ],
"Code" : -2130705907,
"CurrentVelocity" : {
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"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
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"PowerupCounter" : 52,
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"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374143178000000000
},
{
"Accu24VVoltage" : 26.68100166320801,
"AccuCurrent" : 0.1790000051259995,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.61300086975098,
"AccuMaxCurrent" : 0.1820000112056732,
"AccuMinVoltage" : 26.37400054931641,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.127000093460083,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.325000047683716, 3.336000204086304, 3.337000131607056,
3.336000204086304, 3.337000131607056, 3.337000131607056, 3.337000131607056,
3.336000204086304 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
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"GlobalCounter" : 1201,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
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"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374143315000000000
},
{
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"AccuCurrent" : 0.1780000030994415,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.63800048828125,
"AccuMaxCurrent" : 0.1810000091791153,
"AccuMinVoltage" : 26.37400054931641,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.336000204086304, 3.337000131607056,
3.337000131607056, 3.339000225067139, 3.339000225067139, 3.337000131607056,
3.336000204086304 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 3101,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 54,
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"RequestedVelocity" : {
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  "X" : 0.0,
  "Y" : 0.0
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  "AccuCurrentExternalCharger" : 0.0,
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  "AccuLoadVoltage" : 26.64400100708008,
  "AccuMaxCurrent" : 0.1790000051259995,
  "AccuMinVoltage" : 26.39000129699707,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.129000186920166,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.327000141143799, 3.336000204086304, 3.339000225067139,
3.337000131607056, 3.339000225067139, 3.340000152587891, 3.339000225067139,
3.336000204086304 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
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  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 2101,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 55,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
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"Type" : 1,
"UnixTime" : 1374164984000000000
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"Accu24VVoltage" : 26.7080020904541,
"AccuCurrent" : 0.1220000088214874,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.125,
"AccuMinVoltage" : 26.41400146484375,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.396000027656555,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.330000162124634, 3.339000225067139, 3.340000152587891,
3.339000225067139, 3.342000246047974, 3.342000246047974, 3.339000225067139,
3.337000131607056 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1500,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 56,
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"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374165636000000000
},
{
"Accu24VVoltage" : 26.71600151062012,
"AccuCurrent" : 0.1760000139474869,
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"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 26.41400146484375,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.339000225067139, 3.343000173568726,
3.340000152587891, 3.343000173568726, 3.343000173568726, 3.342000246047974,
3.339000225067139 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 57,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374236347000000000
},
{
"Accu24VVoltage" : 26.70000076293945,
"AccuCurrent" : 0.174000009894371,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 26.39000129699707,
"AccuStatus" : 128,
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"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.337000131607056, 3.340000152587891,
3.339000225067139, 3.340000152587891, 3.342000246047974, 3.339000225067139,
3.336000204086304 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 58,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374237607000000000
},
{
"Accu24VVoltage" : 26.72100067138672,
"AccuCurrent" : 0.1190000027418137,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.1230000033974648,
"AccuMinVoltage" : 26.42200088500977,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.126000165939331,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.331000089645386, 3.340000152587891, 3.343000173568726,
3.340000152587891, 3.343000173568726, 3.343000173568726, 3.342000246047974,
3.339000225067139 ],
"Code" : 16777735,
```

```
"CurrentVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 600,
"Message" : "Error ID 1000207",
"NodeID" : 1,
"PowerupCounter" : 59,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1374238984000000000
},
{
  "Accu24VVoltage" : 26.7760009765625,
  "AccuCurrent" : 0.1760000139474869,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.73300170898438,
  "AccuMaxCurrent" : 0.1790000051259995,
  "AccuMinVoltage" : 26.45300102233887,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.169000029563904,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.337000131607056, 3.346000194549561, 3.351000070571899,
3.346000194549561, 3.351000070571899, 3.351000070571899, 3.348000049591064,
3.346000194549561 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
```



```
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1102,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 61,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1376296714000000000
},
{
  "Accu24VVoltage" : 28.44500160217285,
  "AccuCurrent" : 0.174000009894371,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 28.3650016784668,
  "AccuMaxCurrent" : 0.1770000010728836,
  "AccuMinVoltage" : 28.13500213623047,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.544000029563904,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.568000078201294, 3.553000211715698, 3.552000284194946,
3.556000232696533, 3.556000232696533, 3.552000284194946, 3.556000232696533,
3.552000284194946 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 601,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
```

```
"PowerupCounter" : 62,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1376645063000000000
},
{
  "Accu24VVoltage" : 26.57900047302246,
  "AccuCurrent" : 0.1760000139474869,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.49800109863281,
  "AccuMaxCurrent" : 0.1790000051259995,
  "AccuMinVoltage" : 26.2710018157959,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.129000186920166,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.297000169754028, 3.31600022315979, 3.331000089645386,
3.32200026512146, 3.330000162124634, 3.330000162124634, 3.328000068664551,
3.325000047683716 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 601,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 64,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
}
```

```
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1377767898000000000
},
{
"Accu24VVoltage" : 26.73700141906738,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.69100189208984,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 26.43000030517578,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.342000246047974, 3.346000194549561,
3.343000173568726, 3.346000194549561, 3.346000194549561, 3.345000267028809,
3.342000246047974 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1102,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 65,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1378984983000000000
},
{
"Accu24VVoltage" : 26.73500061035156,
```

```
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.65600204467773,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 26.42200088500977,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.327000141143799, 3.342000246047974, 3.346000194549561,
3.343000173568726, 3.345000267028809, 3.345000267028809, 3.345000267028809,
3.342000246047974 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 66,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1378985067000000000
},
{
"Accu24VVoltage" : 27.34100151062012,
"AccuCurrent" : 0.175000011920929,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.28200149536133,
"AccuMaxCurrent" : 0.1780000030994415,
"AccuMinVoltage" : 27.04100036621094,
```

```
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.396000146865845, 3.42300009727478, 3.412000179290771,
3.427000045776367, 3.415000200271606, 3.415000200271606, 3.427000045776367,
3.426000118255615 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 701,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 67,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1379075146000000000
},
{
"Accu24VVoltage" : 28.77300071716309,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.70200157165527,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 28.46900177001953,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.538000106811523,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.624000072479248, 3.624000072479248, 3.523000240325928,
3.624000072479248, 3.585000276565552, 3.547000169754028, 3.622000217437744,
3.624000072479248 ],
```

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"Code" : -2130705907,
"CurrentVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 701,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 68,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1379084782000000000
},
{
  "Accu24VVoltage" : 27.13600158691406,
  "AccuCurrent" : 0.1770000010728836,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.07300186157227,
  "AccuMaxCurrent" : 0.1800000071525574,
  "AccuMinVoltage" : 26.81800079345703,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.125000238418579,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.357000112533569, 3.39300012588501, 3.391000270843506,
3.397000074386597, 3.400000095367432, 3.403000116348267, 3.39900016784668,
3.396000146865845 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
}
```

```
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 69,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1379492654000000000
},
{
"Accu24VVoltage" : 26.67500114440918,
"AccuCurrent" : 0.1770000010728836,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.61000061035156,
"AccuMaxCurrent" : 0.1800000071525574,
"AccuMinVoltage" : 26.35800170898438,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.30400013923645, 3.333000183105469, 3.342000246047974,
3.337000131607056, 3.340000152587891, 3.340000152587891, 3.340000152587891,
3.339000225067139 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
```

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"NodeID" : 1,
"PowerupCounter" : 70,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1379576783000000000
},
{
"Accu24VVoltage" : 26.38800048828125,
"AccuCurrent" : 0.1770000010728836,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.32000160217285,
"AccuMaxCurrent" : 0.1800000071525574,
"AccuMinVoltage" : 26.06500053405762,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.291000127792358, 3.29800009727478, 3.301000118255615,
3.300000190734863, 3.300000190734863, 3.301000118255615, 3.300000190734863,
3.297000169754028 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 71,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
```



```
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1379600638000000000
},
{
"Accu24VVoltage" : 28.77900123596191,
"AccuCurrent" : 0.1730000078678131,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.69400215148926,
"AccuMaxCurrent" : 0.1760000139474869,
"AccuMinVoltage" : 28.47700119018555,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.539000034332275,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.627000093460083, 3.625000238418579, 3.583000183105469,
3.625000238418579, 3.579000234603882, 3.492000102996826, 3.624000072479248,
3.624000072479248 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 72,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1380292813000000000
},
{
```

"Accu24VVoltage" : 27.87700080871582,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.79000091552734,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 27.57200050354004,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.535000085830688,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [3.465000152587891, 3.4830002784729, 3.493000268936157,
3.486000061035156, 3.489000082015991, 3.490000247955322, 3.487000226974487,
3.484000205993652],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1401,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 73,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1380746499000000000
},
{
"Accu24VVoltage" : 26.93600082397461,
"AccuCurrent" : 0.1920000016689301,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.85800170898438,
"AccuMaxCurrent" : 0.1950000077486038,

"AccuMinVoltage" : 26.64400100708008,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 33.58500289916992,
"AccuVoltageInternalCharger" : 0.004000000189989805,
"CellVoltage" : [3.355000257492065, 3.367000102996826, 3.373000144958496,
3.366000175476074, 3.372000217437744, 3.370000123977661, 3.367000102996826,
3.366000175476074],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 74,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1380912802000000000
},
{
"Accu24VVoltage" : 28.42800140380859,
"AccuCurrent" : 0.1730000078678131,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.36700057983398,
"AccuMaxCurrent" : 0.1760000139474869,
"AccuMinVoltage" : 28.14300155639648,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.535000085830688,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [3.47700023651123, 3.610000133514404, 3.498000144958496,
3.616000175476074, 3.532000064849854, 3.460000276565552, 3.619000196456909,

```
3.616000175476074 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 701,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 75,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
  "Type" : 1,
  "UnixTime" : 1381062396000000000
},
{
  "Accu24VVoltage" : 26.73500061035156,
  "AccuCurrent" : 0.1770000010728836,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.65900039672852,
  "AccuMaxCurrent" : 0.1800000071525574,
  "AccuMinVoltage" : 26.43000030517578,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.126000165939331,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.333000183105469, 3.342000246047974, 3.345000267028809,
3.343000173568726, 3.345000267028809, 3.345000267028809, 3.342000246047974,
3.340000152587891 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
```

```
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1001,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 76,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381140397000000000
},
{
"Accu24VVoltage" : 26.72000122070312,
"AccuCurrent" : 0.1800000071525574,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.65200042724609,
"AccuMaxCurrent" : 0.1830000132322311,
"AccuMinVoltage" : 26.41400146484375,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.126000165939331,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.331000089645386, 3.340000152587891, 3.343000173568726,
3.342000246047974, 3.342000246047974, 3.343000173568726, 3.340000152587891,
3.339000225067139 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
```

```
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 77,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381140805000000000
},
{
"Accu24VVoltage" : 28.41900062561035,
"AccuCurrent" : 0.1770000010728836,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.35900115966797,
"AccuMaxCurrent" : 0.1800000071525574,
"AccuMinVoltage" : 28.1200008392334,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.365000009536743,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.574000120162964, 3.552000284194946, 3.558000087738037,
3.555000066757202, 3.552000284194946, 3.520000219345093, 3.555000066757202,
3.553000211715698 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 78,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
```

```
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381149724000000000
},
{
"Accu24VVoltage" : 28.54700088500977,
"AccuCurrent" : 0.1730000078678131,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.45200157165527,
"AccuMaxCurrent" : 0.1760000139474869,
"AccuMinVoltage" : 28.24700164794922,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.535000085830688,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.574000120162964, 3.571000099182129, 3.574000120162964,
3.573000192642212, 3.573000192642212, 3.535000085830688, 3.574000120162964,
3.573000192642212 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 79,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381151487000000000
},
```

```
{
  "Accu24VVoltage" : 26.97900199890137,
  "AccuCurrent" : 0.175000011920929,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.90800094604492,
  "AccuMaxCurrent" : 0.1780000030994415,
  "AccuMinVoltage" : 26.67600059509277,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.129000186920166,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.340000152587891, 3.372000217437744, 3.38100004196167,
3.376000165939331, 3.378000259399414, 3.379000186920166, 3.378000259399414,
3.375000238418579 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 601,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 80,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
  "Type" : 1,
  "UnixTime" : 1381348926000000000
},
{
  "Accu24VVoltage" : 27.9330005645752,
  "AccuCurrent" : 0.1890000104904175,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.8640022277832,
```



```
"AccuMaxCurrent" : 0.1920000016689301,
"AccuMinVoltage" : 27.62800216674805,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.543000102043152,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.493000268936157, 3.487000226974487, 3.499000072479248,
3.490000247955322, 3.490000247955322, 3.493000268936157, 3.492000102996826,
3.489000082015991 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1102,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 81,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381356749000000000
},
{
"Accu24VVoltage" : 27.72500038146973,
"AccuCurrent" : 0.174000009894371,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.64900207519531,
"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 27.42100143432617,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.43500018119812, 3.469000101089478, 3.466000080108643,
```

3.474000215530396, 3.466000080108643, 3.468000173568726, 3.475000143051147,
3.472000122070312],

```
"Code" : -2130705907,  
"CurrentVelocity" : {  
  "Phi" : 0.0,  
  "X" : 0.0,  
  "Y" : 0.0  
},  
"CurrentVelocityTime" : 0,  
"EmbeddedPCStatus" : 0,  
"EmergencyCode" : 33088,  
"ErrorRegister" : 85,  
"GlobalCounter" : 2201,  
"Message" : "Error ID 8100020d",  
"NodeID" : 1,  
"PowerupCounter" : 82,  
"RequestedVelocity" : {  
  "Phi" : 0.0,  
  "X" : 0.0,  
  "Y" : 0.0  
},  
"RequestedVelocityTime" : 0,  
"Type" : 1,  
"UnixTime" : 1381497799000000000  
},
```

```
{  
  "Accu24VVoltage" : 26.70100212097168,  
  "AccuCurrent" : 0.1800000071525574,  
  "AccuCurrentExternalCharger" : 0.0,  
  "AccuCurrentInternalCharger" : 0.0,  
  "AccuLoadVoltage" : 26.62600135803223,  
  "AccuMaxCurrent" : 0.1830000132322311,  
  "AccuMinVoltage" : 26.38200187683105,  
  "AccuStatus" : 128,  
  "AccuVoltageExternalCharger" : 1.54200005531311,  
  "AccuVoltageInternalCharger" : 0.0,  
  "CellVoltage" : [ 3.328000068664551, 3.339000225067139, 3.340000152587891,  
3.339000225067139, 3.340000152587891, 3.340000152587891, 3.339000225067139,  
3.336000204086304 ],  
  "Code" : -2130705907,  
  "CurrentVelocity" : {  
    "Phi" : 0.0,  
    "X" : 0.0,
```

```
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 83,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381678344000000000
},
{
"Accu24VVoltage" : 28.72600173950195,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.63900184631348,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 28.41300201416016,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.535000085830688,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.594000101089478, 3.591000080108643, 3.592000246047974,
3.592000246047974, 3.589000225067139, 3.585000276565552, 3.592000246047974,
3.591000080108643 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
```

```
"GlobalCounter" : 3401,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 84,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1381740404000000000
},
{
"Accu24VVoltage" : 26.72500038146973,
"AccuCurrent" : -12.4010009765625,
"AccuCurrentExternalCharger" : 10.04500007629395,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.06300163269043,
"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 26.29500198364258,
"AccuStatus" : 193,
"AccuVoltageExternalCharger" : 35.13600158691406,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.31600022315979, 3.342000246047974, 3.346000194549561,
3.340000152587891, 3.346000194549561, 3.349000215530396, 3.343000173568726,
3.343000173568726 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 701,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 85,
"RequestedVelocity" : {
"Phi" : 0.0,
```

```
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1382429052000000000
},
{
"Accu24VVoltage" : 26.73200035095215,
"AccuCurrent" : 0.1820000112056732,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.67300033569336,
"AccuMaxCurrent" : 0.1850000023841858,
"AccuMinVoltage" : 26.42200088500977,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.126000165939331,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.334000110626221, 3.342000246047974, 3.345000267028809,
3.342000246047974, 3.343000173568726, 3.343000173568726, 3.343000173568726,
3.340000152587891 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 86,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383038128000000000
```

```
},
{
  "Accu24VVoltage" : 26.85900115966797,
  "AccuCurrent" : 0.1760000139474869,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.80000114440918,
  "AccuMaxCurrent" : 0.1790000051259995,
  "AccuMinVoltage" : 26.54900169372559,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.535000085830688,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.355000257492065, 3.357000112533569, 3.360000133514404,
3.355000257492065, 3.360000133514404, 3.360000133514404, 3.357000112533569,
3.355000257492065 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 501,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 87,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
  "Type" : 1,
  "UnixTime" : 1383038692000000000
},
{
  "Accu24VVoltage" : 26.64500045776367,
  "AccuCurrent" : 0.1200000047683716,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
```

"AccuLoadVoltage" : 26.58000183105469,
"AccuMaxCurrent" : 0.1230000033974648,
"AccuMinVoltage" : 26.3340015411377,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [3.31000018119812, 3.32200026512146, 3.343000173568726,
3.327000141143799, 3.337000131607056, 3.339000225067139, 3.333000183105469,
3.334000110626221],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1400,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 88,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383393017000000000
},
{
"Accu24VVoltage" : 26.7090015411377,
"AccuCurrent" : 0.1190000027418137,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.6510009765625,
"AccuMaxCurrent" : 0.1240000054240227,
"AccuMinVoltage" : 26.40600204467773,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,

```
"CellVoltage" : [ 3.327000141143799, 3.339000225067139, 3.342000246047974,
3.340000152587891, 3.340000152587891, 3.340000152587891, 3.342000246047974,
3.339000225067139 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 901,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 89,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383558425000000000
},
{
"Accu24VVoltage" : 27.68500137329102,
"AccuCurrent" : 0.175000011920929,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.58000183105469,
"AccuMaxCurrent" : 0.1780000030994415,
"AccuMinVoltage" : 27.39000129699707,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.130000114440918,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.451000213623047, 3.505000114440918, 3.397000074386597,
3.508000135421753, 3.41100025177002, 3.396000146865845, 3.510000228881836,
3.507000207901001 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
```



```
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 90,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383559454000000000
},
{
"Accu24VVoltage" : 27.40200042724609,
"AccuCurrent" : 0.174000009894371,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.32100105285645,
"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 27.09600067138672,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.445000171661377, 3.451000213623047, 3.378000259399414,
3.454000234603882, 3.390000104904175, 3.375000238418579, 3.456000089645386,
3.453000068664551 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
```

```
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 91,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383561707000000000
},
{
  "Accu24VVoltage" : 26.6460018157959,
  "AccuCurrent" : 0.1760000139474869,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.57400131225586,
  "AccuMaxCurrent" : 0.1830000132322311,
  "AccuMinVoltage" : 26.3340015411377,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.129000186920166,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.318000078201294, 3.331000089645386, 3.334000110626221,
3.333000183105469, 3.333000183105469, 3.333000183105469, 3.333000183105469,
3.331000089645386 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 1001,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 92,
  "RequestedVelocity" : {
```

```
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383816579000000000
},
{
"Accu24VVoltage" : 26.76000213623047,
"AccuCurrent" : 0.1920000016689301,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.70300102233887,
"AccuMaxCurrent" : 0.1950000077486038,
"AccuMinVoltage" : 26.45300102233887,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.340000152587891, 3.345000267028809, 3.346000194549561,
3.346000194549561, 3.346000194549561, 3.346000194549561, 3.346000194549561,
3.345000267028809 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1201,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 93,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
```

```
"UnixTime" : 1383820262000000000
},
{
"Accu24VVoltage" : 26.26200103759766,
"AccuCurrent" : 0.1770000010728836,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.21200180053711,
"AccuMaxCurrent" : 0.1800000071525574,
"AccuMinVoltage" : 25.95300102233887,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.120000123977661,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.264000177383423, 3.285000085830688, 3.28600025177002,
3.28600025177002, 3.28600025177002, 3.28600025177002, 3.28600025177002,
3.283000230789185 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1102,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 94,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1383998986000000000
},
{
"Accu24VVoltage" : 26.72900199890137,
"AccuCurrent" : 0.1810000091791153,
"AccuCurrentExternalCharger" : 0.0,
```

```
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.66700172424316,
"AccuMaxCurrent" : 0.1840000152587891,
"AccuMinVoltage" : 26.42200088500977,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.333000183105469, 3.342000246047974, 3.343000173568726,
3.342000246047974, 3.343000173568726, 3.343000173568726, 3.343000173568726,
3.340000152587891 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 95,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1384191342000000000
},
{
"Accu24VVoltage" : 26.39500045776367,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.32000160217285,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 26.08000183105469,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.128000259399414,
```

```
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.283000230789185, 3.297000169754028, 3.309000253677368,
3.29800009727478, 3.303000211715698, 3.30400013923645, 3.301000118255615,
3.300000190734863 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 801,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 96,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1384246485000000000
},
{
"Accu24VVoltage" : 26.68400192260742,
"AccuCurrent" : 0.1760000139474869,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.61700057983398,
"AccuMaxCurrent" : 0.1790000051259995,
"AccuMinVoltage" : 26.37400054931641,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.129000186920166,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.312000274658203, 3.339000225067139, 3.339000225067139,
3.339000225067139, 3.339000225067139, 3.340000152587891, 3.339000225067139,
3.337000131607056 ],
"Code" : -2130705907,
"CurrentVelocity" : {
```

```
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 97,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1384258573000000000
},
{
"Accu24VVoltage" : 28.50700187683105,
"AccuCurrent" : 0.1860000044107437,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.41800117492676,
"AccuMaxCurrent" : 0.1890000104904175,
"AccuMinVoltage" : 28.20700073242188,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.580000042915344,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.64900016784668, 3.64300012588501, 3.408000230789185,
3.645000219345093, 3.453000068664551, 3.418000221252441, 3.645000219345093,
3.646000146865845 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
```

```
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 98,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1384444222000000000
},
{
"Accu24VVoltage" : 27.05000114440918,
"AccuCurrent" : -12.50300025939941,
"AccuCurrentExternalCharger" : 10.19000053405762,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.40300178527832,
"AccuMaxCurrent" : 0.1330000013113022,
"AccuMinVoltage" : 27.05600166320801,
"AccuStatus" : 193,
"AccuVoltageExternalCharger" : 35.35000228881836,
"AccuVoltageInternalCharger" : 0.004000000189989805,
"CellVoltage" : [ 3.370000123977661, 3.38100004196167, 3.38700008392334,
3.378000259399414, 3.388000249862671, 3.388000249862671, 3.379000186920166,
3.379000186920166 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 4601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 99,
```



```
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 138504267000000000
},
{
  "Accu24VVoltage" : 26.47000122070312,
  "AccuCurrent" : 0.175000011920929,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.40300178527832,
  "AccuMaxCurrent" : 0.1780000030994415,
  "AccuMinVoltage" : 26.16800117492676,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.129000186920166,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.300000190734863, 3.309000253677368, 3.312000274658203,
3.31000018119812, 3.31000018119812, 3.312000274658203, 3.31000018119812,
3.307000160217285 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 1201,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 100,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
```

```
"Type" : 1,
"UnixTime" : 1385158677000000000
},
{
"Accu24VVoltage" : 28.17600059509277,
"AccuCurrent" : 0.174000009894371,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 28.09000205993652,
"AccuMaxCurrent" : 0.1770000010728836,
"AccuMinVoltage" : 27.88200187683105,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.538000106811523,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.475000143051147, 3.618000268936157, 3.394000053405762,
3.622000217437744, 3.415000200271606, 3.412000179290771, 3.619000196456909,
3.621000289916992 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 801,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 101,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1385295240000000000
},
{
"Accu24VVoltage" : 28.27000045776367,
"AccuCurrent" : 0.1730000078678131,
```

```
"AccuCurrentExternalCharger" : 0.0,  
"AccuCurrentInternalCharger" : 0.0,  
"AccuLoadVoltage" : 28.19900131225586,  
"AccuMaxCurrent" : 0.1760000139474869,  
"AccuMinVoltage" : 27.97700119018555,  
"AccuStatus" : 128,  
"AccuVoltageExternalCharger" : 1.539000034332275,  
"AccuVoltageInternalCharger" : 0.0,  
"CellVoltage" : [ 3.480000257492065, 3.64300012588501, 3.394000053405762,  
3.645000219345093, 3.414000272750854, 3.409000158309937, 3.642000198364258,  
3.64300012588501 ],  
"Code" : -2130705907,  
"CurrentVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"CurrentVelocityTime" : 0,  
"EmbeddedPCStatus" : 0,  
"EmergencyCode" : 33088,  
"ErrorRegister" : 85,  
"GlobalCounter" : 701,  
"Message" : "Error ID 8100020d",  
"NodeID" : 1,  
"PowerupCounter" : 102,  
"RequestedVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"RequestedVelocityTime" : 0,  
"Type" : 1,  
"UnixTime" : 1385295394000000000  
},  
{  
"Accu24VVoltage" : 26.78000068664551,  
"AccuCurrent" : 0.1760000139474869,  
"AccuCurrentExternalCharger" : 0.0,  
"AccuCurrentInternalCharger" : 0.0,  
"AccuLoadVoltage" : 26.71600151062012,  
"AccuMaxCurrent" : 0.1790000051259995,  
"AccuMinVoltage" : 26.47700119018555,  
"AccuStatus" : 128,
```

```
"AccuVoltageExternalCharger" : 4.38100004196167,  
"AccuVoltageInternalCharger" : 0.0,  
"CellVoltage" : [ 3.343000173568726, 3.348000049591064, 3.349000215530396,  
3.348000049591064, 3.349000215530396, 3.349000215530396, 3.348000049591064,  
3.346000194549561 ],  
"Code" : -2130705907,  
"CurrentVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"CurrentVelocityTime" : 0,  
"EmbeddedPCStatus" : 0,  
"EmergencyCode" : 33088,  
"ErrorRegister" : 85,  
"GlobalCounter" : 701,  
"Message" : "Error ID 8100020d",  
"NodeID" : 1,  
"PowerupCounter" : 103,  
"RequestedVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"RequestedVelocityTime" : 0,  
"Type" : 1,  
"UnixTime" : 1385324212000000000  
},  
{  
"Accu24VVoltage" : 27.96900177001953,  
"AccuCurrent" : 0.1970000118017197,  
"AccuCurrentExternalCharger" : 0.0,  
"AccuCurrentInternalCharger" : 0.0,  
"AccuLoadVoltage" : 27.90600204467773,  
"AccuMaxCurrent" : 0.2020000070333481,  
"AccuMinVoltage" : 27.6510009765625,  
"AccuStatus" : 128,  
"AccuVoltageExternalCharger" : 0.9570000171661377,  
"AccuVoltageInternalCharger" : 0.0,  
"CellVoltage" : [ 3.609000205993652, 3.570000171661377, 3.354000091552734,  
3.574000120162964, 3.360000133514404, 3.355000257492065, 3.576000213623047,  
3.571000099182129 ],  
"Code" : -2130705907,
```

```
"CurrentVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 104,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1385993079000000000
},
{
  "Accu24VVoltage" : 27.12600135803223,
  "AccuCurrent" : 0.1980000138282776,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.06800079345703,
  "AccuMaxCurrent" : 0.203000009059906,
  "AccuMinVoltage" : 26.802001953125,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.125000238418579,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.382000207901001, 3.418000221252441, 3.351000070571899,
3.42300009727478, 3.354000091552734, 3.351000070571899, 3.424000263214111,
3.42300009727478 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
```

```
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 2801,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 105,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1386078309000000000
},
{
  "Accu24VVoltage" : 27.34100151062012,
  "AccuCurrent" : 0.1970000118017197,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.30600166320801,
  "AccuMaxCurrent" : 0.2020000070333481,
  "AccuMinVoltage" : 27.01700210571289,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.013000011444092,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.442000150680542, 3.457000255584717, 3.35200023651123,
3.462000131607056, 3.357000112533569, 3.35200023651123, 3.462000131607056,
3.457000255584717 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 701,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
```

```
"PowerupCounter" : 106,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1386323781000000000
},
{
  "Accu24VVoltage" : 26.84600067138672,
  "AccuCurrent" : 0.2150000035762787,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 26.77500152587891,
  "AccuMaxCurrent" : 0.2200000137090683,
  "AccuMinVoltage" : 26.52500152587891,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.544000029563904,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.334000110626221, 3.3580002784729, 3.351000070571899,
3.363000154495239, 3.364000082015991, 3.35200023651123, 3.363000154495239,
3.361000061035156 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 601,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 107,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
}
```

```
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1386943596000000000
},
{
"Accu24VVoltage" : 27.09000205993652,
"AccuCurrent" : 0.1990000158548355,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.06300163269043,
"AccuMaxCurrent" : 0.2040000110864639,
"AccuMinVoltage" : 26.7710018157959,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.240000009536743,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.357000112533569, 3.394000053405762, 3.367000102996826,
3.39900016784668, 3.400000095367432, 3.376000165939331, 3.400000095367432,
3.397000074386597 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 4301,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 108,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1387374318000000000
},
{
"Accu24VVoltage" : 26.97400093078613,
```



```
"AccuCurrent" : 0.2000000029802322,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.91200065612793,
"AccuMaxCurrent" : 0.203000009059906,
"AccuMinVoltage" : 26.65200042724609,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.540000081062317,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.346000194549561, 3.376000165939331, 3.363000154495239,
3.38100004196167, 3.379000186920166, 3.369000196456909, 3.382000207901001,
3.378000259399414 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 109,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1389192000000000000
},
{
"Accu24VVoltage" : 26.88500213623047,
"AccuCurrent" : 0.1990000158548355,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.82400131225586,
"AccuMaxCurrent" : 0.2040000110864639,
"AccuMinVoltage" : 26.58000183105469,
```

```
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.128000259399414,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.331000089645386, 3.361000061035156, 3.367000102996826,
3.364000082015991, 3.366000175476074, 3.367000102996826, 3.366000175476074,
3.363000154495239 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 110,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1390226535000000000
},
{
"Accu24VVoltage" : 26.72500038146973,
"AccuCurrent" : 0.1980000138282776,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.67900085449219,
"AccuMaxCurrent" : 0.2040000110864639,
"AccuMinVoltage" : 26.41400146484375,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.591000080108643,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.331000089645386, 3.340000152587891, 3.345000267028809,
3.342000246047974, 3.343000173568726, 3.343000173568726, 3.342000246047974,
3.339000225067139 ],
```

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"Code" : -2130705907,
"CurrentVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 111,
"RequestedVelocity" : {
  "Phi" : 0.0,
  "X" : 0.0,
  "Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1390740540000000000
},
{
  "Accu24VVoltage" : 28.73200225830078,
  "AccuCurrent" : 0.1960000097751617,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 28.66000175476074,
  "AccuMaxCurrent" : 0.2010000050067902,
  "AccuMinVoltage" : 28.42900085449219,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 1.591000080108643,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.594000101089478, 3.591000080108643, 3.592000246047974,
3.592000246047974, 3.591000080108643, 3.589000225067139, 3.592000246047974,
3.591000080108643 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
}
```

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"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 501,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 112,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1390746499000000000
},
{
"Accu24VVoltage" : 26.72100067138672,
"AccuCurrent" : 0.1980000138282776,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.64900207519531,
"AccuMaxCurrent" : 0.2040000110864639,
"AccuMinVoltage" : 26.41400146484375,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.53600001335144,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.330000162124634, 3.340000152587891, 3.343000173568726,
3.342000246047974, 3.342000246047974, 3.343000173568726, 3.342000246047974,
3.339000225067139 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1501,
"Message" : "Error ID 8100020d",
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"NodeID" : 1,
"PowerupCounter" : 113,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1390816490000000000
},
{
"Accu24VVoltage" : 26.72800064086914,
"AccuCurrent" : 0.1980000138282776,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.67300033569336,
"AccuMaxCurrent" : 0.2040000110864639,
"AccuMinVoltage" : 26.42200088500977,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.535000085830688,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.331000089645386, 3.342000246047974, 3.345000267028809,
3.342000246047974, 3.343000173568726, 3.343000173568726, 3.342000246047974,
3.340000152587891 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 701,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 114,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
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```
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1390900617000000000
},
{
"Accu24VVoltage" : 27.44200134277344,
"AccuCurrent" : 2.516000032424927,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.29100036621094,
"AccuMaxCurrent" : 3.289000272750854,
"AccuMinVoltage" : 27.08000183105469,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.004000000189989805,
"CellVoltage" : [ 3.414000272750854, 3.42900013923645, 3.438000202178955,
3.433000087738037, 3.432000160217285, 3.433000087738037, 3.433000087738037,
3.430000066757202 ],
"Code" : 16843017,
"CurrentVelocity" : {
"Phi" : -4.354479789733887,
"X" : 0.0820000022649765,
"Y" : 0.0
},
"CurrentVelocityTime" : 16958,
"EmbeddedPCStatus" : 15,
"EmergencyCode" : 36864,
"ErrorRegister" : 128,
"GlobalCounter" : 20267594,
"Message" : "LTC6802 watchdog timeout",
"NodeID" : 1,
"PowerupCounter" : 114,
"RequestedVelocity" : {
"Phi" : -2.521014451980591,
"X" : 0.07100000232458115,
"Y" : 0.0
},
"RequestedVelocityTime" : 16961,
"Type" : 1,
"UnixTime" : 1391105064000000000
},
{
```

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"Accu24VVoltage" : 27.53100204467773,
"AccuCurrent" : 0.213000014424324,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.4590015411377,
"AccuMaxCurrent" : 0.2180000096559525,
"AccuMinVoltage" : 27.21500205993652,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.445000052452087,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.415000200271606, 3.439000129699707, 3.451000213623047,
3.444000244140625, 3.445000171661377, 3.450000047683716, 3.445000171661377,
3.442000150680542 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 9801,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 115,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1391125983000000000
},
{
"Accu24VVoltage" : 26.79900169372559,
"AccuCurrent" : 3.145000219345093,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 26.62100219726562,
"AccuMaxCurrent" : 3.16100025177002,
```

```
"AccuMinVoltage" : 26.44500160217285,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.004000000189989805,
"CellVoltage" : [ 3.340000152587891, 3.349000215530396, 3.354000091552734,
3.351000070571899, 3.35200023651123, 3.35200023651123, 3.35200023651123,
3.349000215530396 ],
"Code" : 16843017,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.07100000232458115,
"Y" : 0.0
},
"CurrentVelocityTime" : 4812,
"EmbeddedPCStatus" : 15,
"EmergencyCode" : 36864,
"ErrorRegister" : 128,
"GlobalCounter" : 4592349,
"Message" : "LTC6802 watchdog timeout",
"NodeID" : 1,
"PowerupCounter" : 115,
"RequestedVelocity" : {
"Phi" : -2.521014451980591,
"X" : 0.07100000232458115,
"Y" : 0.0
},
"RequestedVelocityTime" : 4829,
"Type" : 1,
"UnixTime" : 1391172202000000000
},
{
"Accu24VVoltage" : 26.93000221252441,
"AccuCurrent" : -12.38300037384033,
"AccuCurrentExternalCharger" : 10.10100078582764,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.27700042724609,
"AccuMaxCurrent" : 0.1310000121593475,
"AccuMinVoltage" : 26.89000129699707,
"AccuStatus" : 193,
"AccuVoltageExternalCharger" : 35.21500015258789,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.3580002784729, 3.366000175476074, 3.370000123977661,
3.363000154495239, 3.372000217437744, 3.373000144958496, 3.364000082015991,
```



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3.364000082015991 ],
  "Code" : -2130705907,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 0,
  "EmbeddedPCStatus" : 0,
  "EmergencyCode" : 33088,
  "ErrorRegister" : 85,
  "GlobalCounter" : 1102,
  "Message" : "Error ID 8100020d",
  "NodeID" : 1,
  "PowerupCounter" : 116,
  "RequestedVelocity" : {
    "Phi" : 0.0,
    "X" : 0.0,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 0,
  "Type" : 1,
  "UnixTime" : 1391175847000000000
},
{
  "Accu24VVoltage" : 27.54400062561035,
  "AccuCurrent" : 2.700000047683716,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.39100074768066,
  "AccuMaxCurrent" : 3.28600025177002,
  "AccuMinVoltage" : 27.17500114440918,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.125000238418579,
  "AccuVoltageInternalCharger" : 0.004000000189989805,
  "CellVoltage" : [ 3.444000244140625, 3.445000171661377, 3.41100025177002,
3.451000213623047, 3.44700026512146, 3.448000192642212, 3.451000213623047,
3.44700026512146 ],
  "Code" : 16843017,
  "CurrentVelocity" : {
    "Phi" : -4.354479789733887,
    "X" : 0.0820000022649765,
    "Y" : 0.0
```

```
},
"CurrentVelocityTime" : 29961,
"EmbeddedPCStatus" : 15,
"EmergencyCode" : 36864,
"ErrorRegister" : 128,
"GlobalCounter" : 1602834,
"Message" : "LTC6802 watchdog timeout",
"NodeID" : 1,
"PowerupCounter" : 116,
"RequestedVelocity" : {
"Phi" : -2.578310251235962,
"X" : 0.07200000435113907,
"Y" : 0.0
},
"RequestedVelocityTime" : 29958,
"Type" : 1,
"UnixTime" : 1391192003000000000
},
{
"Accu24VVoltage" : 27.65500068664551,
"AccuCurrent" : 0.1980000138282776,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.59200096130371,
"AccuMaxCurrent" : 0.203000009059906,
"AccuMinVoltage" : 27.35000038146973,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 1.1910001039505,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.453000068664551, 3.460000276565552, 3.420000076293945,
3.465000152587891, 3.463000059127808, 3.465000152587891, 3.466000080108643,
3.463000059127808 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 1201,
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```
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 117,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1391198863000000000
},
{
"Accu24VVoltage" : 27.52500152587891,
"AccuCurrent" : 3.002000093460083,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.37200164794922,
"AccuMaxCurrent" : 3.189000129699707,
"AccuMinVoltage" : 27.16700172424316,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 3.125000238418579,
"AccuVoltageInternalCharger" : 0.004000000189989805,
"CellVoltage" : [ 3.442000150680542, 3.444000244140625, 3.436000108718872,
3.450000047683716, 3.44700026512146, 3.41100025177002, 3.450000047683716,
3.445000171661377 ],
"Code" : 16843017,
"CurrentVelocity" : {
"Phi" : -4.354479789733887,
"X" : 0.0820000022649765,
"Y" : 0.0
},
"CurrentVelocityTime" : 55163,
"EmbeddedPCStatus" : 15,
"EmergencyCode" : 36864,
"ErrorRegister" : 128,
"GlobalCounter" : 7591811,
"Message" : "LTC6802 watchdog timeout",
"NodeID" : 1,
"PowerupCounter" : 117,
"RequestedVelocity" : {
"Phi" : -4.182592391967773,
"X" : 0.0690000057220459,
```

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"Y" : 0.0
},
"RequestedVelocityTime" : 55164,
"Type" : 1,
"UnixTime" : 1391275424000000000
},
{
"Accu24VVoltage" : 27.65600204467773,
"AccuCurrent" : 0.1970000118017197,
"AccuCurrentExternalCharger" : 0.0,
"AccuCurrentInternalCharger" : 0.0,
"AccuLoadVoltage" : 27.57500076293945,
"AccuMaxCurrent" : 0.2020000070333481,
"AccuMinVoltage" : 27.35000038146973,
"AccuStatus" : 128,
"AccuVoltageExternalCharger" : 0.9570000171661377,
"AccuVoltageInternalCharger" : 0.0,
"CellVoltage" : [ 3.451000213623047, 3.463000059127808, 3.451000213623047,
3.466000080108643, 3.468000173568726, 3.424000263214111, 3.468000173568726,
3.465000152587891 ],
"Code" : -2130705907,
"CurrentVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"CurrentVelocityTime" : 0,
"EmbeddedPCStatus" : 0,
"EmergencyCode" : 33088,
"ErrorRegister" : 85,
"GlobalCounter" : 601,
"Message" : "Error ID 8100020d",
"NodeID" : 1,
"PowerupCounter" : 118,
"RequestedVelocity" : {
"Phi" : 0.0,
"X" : 0.0,
"Y" : 0.0
},
"RequestedVelocityTime" : 0,
"Type" : 1,
"UnixTime" : 1391276930000000000
},
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{
  "Accu24VVoltage" : 27.57400131225586,
  "AccuCurrent" : 2.694000244140625,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.44000053405762,
  "AccuMaxCurrent" : 3.053000211715698,
  "AccuMinVoltage" : 27.22300148010254,
  "AccuStatus" : 128,
  "AccuVoltageExternalCharger" : 3.123000144958496,
  "AccuVoltageInternalCharger" : 0.0,
  "CellVoltage" : [ 3.450000047683716, 3.450000047683716, 3.442000150680542,
3.454000234603882, 3.454000234603882, 3.415000200271606, 3.456000089645386,
3.453000068664551 ],
  "Code" : 16843017,
  "CurrentVelocity" : {
    "Phi" : 0.0,
    "X" : 0.09400000423192978,
    "Y" : 0.0
  },
  "CurrentVelocityTime" : 30772,
  "EmbeddedPCStatus" : 15,
  "EmergencyCode" : 36864,
  "ErrorRegister" : 128,
  "GlobalCounter" : 96315,
  "Message" : "LTC6802 watchdog timeout",
  "NodeID" : 1,
  "PowerupCounter" : 118,
  "RequestedVelocity" : {
    "Phi" : 2.177239894866943,
    "X" : 0.07200000435113907,
    "Y" : 0.0
  },
  "RequestedVelocityTime" : 30769,
  "Type" : 1,
  "UnixTime" : 1391277899000000000
},
{
  "Accu24VVoltage" : 27.6830005645752,
  "AccuCurrent" : 0.1160000041127205,
  "AccuCurrentExternalCharger" : 0.0,
  "AccuCurrentInternalCharger" : 0.0,
  "AccuLoadVoltage" : 27.62200164794922,
```

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"AccuMaxCurrent" : 0.1200000047683716,  
"AccuMinVoltage" : 27.39000129699707,  
"AccuStatus" : 128,  
"AccuVoltageExternalCharger" : 1.243000030517578,  
"AccuVoltageInternalCharger" : 0.0,  
"CellVoltage" : [ 3.459000110626221, 3.465000152587891, 3.454000234603882,  
3.469000101089478, 3.471000194549561, 3.426000118255615, 3.471000194549561,  
3.468000173568726 ],  
"Code" : -2130705907,  
"CurrentVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"CurrentVelocityTime" : 0,  
"EmbeddedPCStatus" : 0,  
"EmergencyCode" : 33088,  
"ErrorRegister" : 85,  
"GlobalCounter" : 901,  
"Message" : "Error ID 8100020d",  
"NodeID" : 1,  
"PowerupCounter" : 119,  
"RequestedVelocity" : {  
"Phi" : 0.0,  
"X" : 0.0,  
"Y" : 0.0  
},  
"RequestedVelocityTime" : 0,  
"Type" : 1,  
"UnixTime" : 1391278054000000000  
}
```

```
]
```