



```
<message name="REMOTE_GPS_LOCAL" id="56" link="forwarded">
  <field name="ac_id" type="uint8"/>
  <field name="pad" type="uint8"/>
  <field name="enu_x" type="float" unit="m"/>
  <field name="enu_y" type="float" unit="m"/>
  <field name="enu_z" type="float" unit="m"/>
  <field name="enu_xd" type="float" unit="m/s"/>
  <field name="enu_yd" type="float" unit="m/s"/>
  <field name="enu_zd" type="float" unit="m/s"/>
  <field name="tow" type="uint32"/>
  <field name="course" type="float" unit="deg"/>
</message>
```

```
<message name="GROUND2MAVS" id="1" >
  <field name="ac_id" type="uint8"/>
  <field name="pos_x" type="float" unit="m"/>
  <field name="pos_y" type="float" unit="m"/>
  <field name="pos_z" type="float" unit="m"/>
  <field name="vel_xd" type="float" unit="m/s"/>
  <field name="vel_yd" type="float" unit="m/s"/>
  <field name="vel_zd" type="float" unit="m/s"/>
</message>
```

proxy-air.py

```
<message name="DL_VALUE" id="31">
  <field name="index" type="uint8"/>
  <field name="value" type="float"/>
</message>
```

```
<message name="ROTORCRAFT_NAV_STATUS" id="159">
  <field name="block_time" type="uint16" unit="s"/>
  <field name="stage_time" type="uint16" unit="s"/>
  <field name="dist_home" type="float" format="%1f" unit="m"/>
  <field name="dist_wp" type="float" format="%1f" unit="m"/>
  <field name="cur_block" type="uint8"/>
  <field name="cur_stage" type="uint8"/>
  <field name="horizontal_mode" type="uint8"/>
</message>
```

```
<message name="ROTORCRAFT_FP" id="147">
  <field name="east" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="north" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="up" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="veast" type="int32" alt_unit="m/s" alt_unit_coef="0.0000019"/>
  <field name="vnorth" type="int32" alt_unit="m/s" alt_unit_coef="0.0000019"/>
  <field name="vup" type="int32" alt_unit="m/s" alt_unit_coef="0.0000019"/>
  <field name="phi" type="int32" alt_unit="deg" alt_unit_coef="0.0139882"/>
  <field name="theta" type="int32" alt_unit="deg" alt_unit_coef="0.0139882"/>
  <field name="psi" type="int32" alt_unit="deg" alt_unit_coef="0.0139882"/>
  <field name="carrot_east" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="carrot_north" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="carrot_up" type="int32" alt_unit="m" alt_unit_coef="0.0039063"/>
  <field name="carrot_psi" type="int32" alt_unit="deg" alt_unit_coef="0.0139882"/>
  <field name="thrust" type="int32"/>
  <field name="flight_time" type="uint16" unit="s"/>
</message>
```

x-guide.py

```
<message name="GET_SETTING" id="16" link="forwarded">
  <field name="index" type="uint8"/>
  <field name="ac_id" type="uint8"/>
</message>
```

```
<message name="SETTING" id="4" link="forwarded">
  <field name="index" type="uint8"/>
  <field name="ac_id" type="uint8"/>
  <field name="value" type="float"/>
</message>
```

```
<message name="DESIRED_SETPOINT" id="15" link="forwarded">
  <field name="ac_id" type="uint8"/>
  <field name="flag" type="uint8"/>
  <field name="ux" type="float"/>
  <field name="uy" type="float"/>
  <field name="uz" type="float"/>
</message>
```

```
<message name="REMOTE_GPS_LOCAL" id="56" link="forwarded">
  <field name="ac_id" type="uint8"/>
  <field name="pad" type="uint8"/>
  <field name="enu_x" type="float" unit="m"/>
  <field name="enu_y" type="float" unit="m"/>
  <field name="enu_z" type="float" unit="m"/>
  <field name="enu_xd" type="float" unit="m/s"/>
  <field name="enu_yd" type="float" unit="m/s"/>
  <field name="enu_zd" type="float" unit="m/s"/>
  <field name="tow" type="uint32"/>
  <field name="course" type="float" unit="deg"/>
</message>
```