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## GNS5892 ADS-B module

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*confidential information*

### ADS-B data reception example

In case of ADS-B mode 2 (reception of all DF-Data) the 56bit or 112bit raw data frames are output as 14 bytes ASCII frames , MSB first.

Short frames (56bit) frames are padded with '00'.

Every ASCII frame begins with an '\*' and is finished by ';' + <CR><LF>.

\*8D.... is DF18 **Extended squitter**

\*5D.... is DF11 **All-call reply**

```
...
*8D4B1621994420C18804887668F9;
*02E1991058EF3100000000000000;
*20000CB10D89FB000000000000000;
*20001196553C25000000000000000;
*02E198BFAF8676000000000000000;
*02C18CB14E2D98000000000000000;
*02E198BFAF8676000000000000000;
*200015301CB296000000000000000;
*20000F971E4582000000000000000;
*200015B3EF4577000000000000000;
*583E1BDABC2735000000000000000;
*280008006C738F000000000000000;
*200010142CC4CB000000000000000;
*02E1941016FC9E000000000000000;
*02E1919653E46F000000000000000;
*200014101024D4000000000000000;
*02C6081A5757E8000000000000000;
*02E1941016FC9E000000000000000;
*8D4CA27A608145305B0B09EAD8B5;
*02E19838575F0A000000000000000;
*A0001014BC900030A8000038ED68;
*200015301CB296000000000000000;
*8D400A6658AB0540C701D9CA672E;
*02001690DD3BEE000000000000000;
*0281861FAE97F200000000000000;
*A0001838FFDCE52FA004DFDD1EAA;
*A0001196FE963F3EBFF4DEE49B7C;
*A0000CB0958000316C00004D38CA;
*8D3C66059944B824985400CD3182;
*02E1941016FC9E000000000000000;
*02061690F1CB6800000000000000;
*8D400B839911DA8B400490F465E9;
*02C60CB069E47200000000000000;
*8D40041B90C381906B8516503C0B;
*5D3C5961BAAB6C00000000000000;
*02E198BFAF858900000000000000;
*02E19218468AE000000000000000;
.....
```