C.6) HYDRA code (WMO code form FM 67-VI HYDRA):

Report of hydrological observation from a hydrological station.

Section 1 is mandatory, other sections are optional.

Section 1: **HHXX**   **YYGG**   **($\underline{000}$AC$_i$)**   **BBi$_H$i$_H$i$_H$**

Section 2: **22**   **($\angle$H$_s$H$_s$H$_s$H$_s$)**

Section 3: **33**   **($\angle$QQQe$_Q$)**

Section 4: **44**   **(t$_p$RRRR)**   **(. . .)**   **(. . .)**

Section 5: **55**   **(ts$_n$T$_t$T$_t$T$_t$)**   **(. . .)**   **(. . .)**

Section 6: **66**   **(DDDss)**

Brief description of the groups:

YYGG	Day in the month, Synoptic hours
AC$_i$	WMO Regional association area, Country
BBi$_H$i$_H$i$_H$	Basin, National hydrological observing station identifier
H$_s$H$_s$H$_s$H$_s$	Stage (cm)
QQQe$_Q$	Discharge (first 3 digits of discharge in dm^3/s, exponent for QQQ)
t$_p$RRRR	Period for precipitations, Total amount of precipitations
ts$_n$T$_t$T$_t$T$_t$	Nature of the Temperature reading, Temperature of the element indicated by t (1/10 C), sn=1 if <0, sn=0 if >0
DDDss	Ice thickness (cm), Depth of snow on ice (cm)

Example of HYDRA message:

```
HHXX
2906 00019 17001
22 /0040
33 /1251
55 10123 3152
```

Hydrological station 17001 on 29 January 1993 at 06h00 UTC. Stage 40 cm; discharge 1250 dm^3/s; Air Temperature 12.3 C; Maximum Temperature in the last 24 hours 15.2 C.