

Decoded SYNOP messages

Equipment and software:
ELAD FDM-S2
ALA-1530 antenna
Multipsk decoder
DX-Atlas

147.3 kHz, 19-01-2018, 1358 UTC, Baudot 50Bd/82Hz. Deutscher Wetterdienst DDH47

Coded SYNOPSIS messages

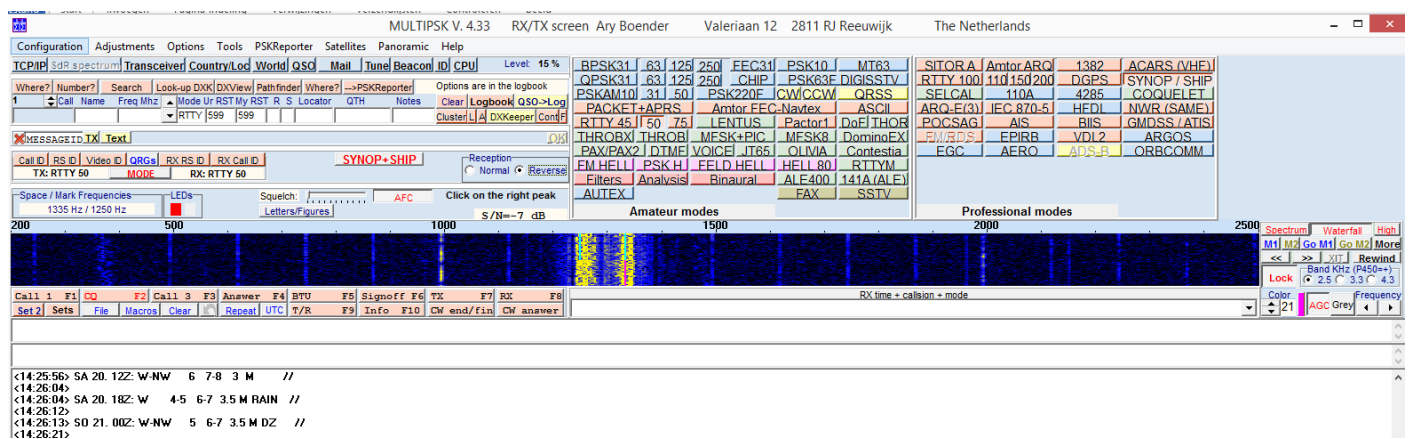
ZCZC 277
SMVX41 EDZW 191200 RRD
BBXX
VRKX8 19123 99501 70016
41598 62732 10080 20033 40120 52010 70222 8644/
22262 0//// 20404 327// 40404 80060=

DHEK2 19124 99537 70055 41597 62430 10091 20029 40075 54000 7////
84725 22274 04113 20505 327// 40406=

The SYNOPSIS messages decoded with Multipsk

19/01/18 13:58:41 UTC|Manned marine station VRKX8 |12:00 UTC the 19th| Lat=50.1 N| Long= 1.6 W|Direc=270|Speed= 59.3 estimated|Base:600 to 1000 m|Vis.:20 km|Cover:6/8ths|Temp= 8.0 C|Dew= 3.3 C|Sea pres=1012.0|Evolution= 1.0 Increasing steadily -- resultant pressure higher|Present WX:state of sky unchanged...Past 1 WX:cloud covering more than half of sky...Past 2 WX:cloud covering more than half of sky|Sky state:6/8...low clouds:stratocumulus cumulogenitus (formed by spreading of cumulus)...middle clouds:patches of altocumulus (irregular, lenticular)...high clouds:high clouds unobserved due to darkness or obscuration|Ship:W 6->10 knots|Waves: H= 2.0 m P=4 sec| Message:BBXX VRKX8 19123 99501 70016 41598 62732 10080 20033 40120 52010 70222 8644/ 22262 0//// 20404 327// 40404 80060|

19/01/18 13:58:57 UTC|Manned marine station DHEK2 |12:00 UTC the 19th| Lat=53.7 N| Long= 5.5 W|Direc=240|Speed= 55.6 from anemometer|Base:600 to 1000 m|Vis.:10 km|Cover:6/8ths|Temp= 9.1 C|Dew= 2.9 C|Sea pres=1007.5|Evolution= 0.0 Steady -- resultant pressure same|Present WX:no observation...Past 1 WX:no observation...Past 2 WX:no observation|Sky state:4/8...low clouds:stratus or cumulus fractus (bad weather)...middle clouds:altostratus opacus or nimbostratus...high clouds:bands of cirrus or cirrostratus invading sky (less than 45 degree above horizon)|Ship:NW 16->20 knots|Waves: H= 2.5 m P=5 sec| Message:BBXX DHEK2 19124 99537 70055 41597 62430 10091 20029 40075 54000 7//// 84725 22274 04113 20505 327// 40406|



Picture 1

Loading of the EUROPE.GIF picture file 19/01/18 14:16:08 UTC

Reduced Maps Map definition Clear the map Auto User units Display Ring File Filter Off Ship Help Exit Print

19/01/18 13:58:41 UTC Manned marine station VRKX8 at: 12:00 UTC the 19th Snapsh

3BX X VRKX8 19123 99501 70016 41598 62732 10080 20033 40120 52010 70222 8644/ 22262 0//// 20404 327// 40404 80060

Stations in chronological order Display all GoogleEarth 19/01/18 13:58:57 UTC|Manned marine station DHEK2 |12:00 UTC ^
the 19th| Lat=53.7 N| Long= 5.5 W|Direc=240|Speed= 55.6
from anemometer|Base:600 to 1000 m|Vis.:10
km|Cover:6/8ths|Temp= 9.1 C|Dew= 2.9 C|Sea pres=1007.5
|Evolution= 0.0 Steady -- resultant pressure same|Present

Stations in alphabetical order 13 UTC time DxAAtlas Display hour

X=95 Y=505 Lat=37°03.00' N Long=018°15.00' W S. X=5987 km E. Y=4215 km Dis=? Az=? PSE UR LAT/LONG

Call sign VRKX8 Time/date 12:00 UTC the 19th
Latitude 50.1 N Longitude 1.6 W Source:
Manned marine station

Direction (deg.) 270
Speed (km/h) 59.3
Temperature (C) 8.0
Dewpoint (C) 3.3
Sea pres. (mBar) 1012.0 Loc pres (mBar)
Pressure evolution 3h (mBar) 1.0
Cloud cover 6/8ths Visibility 20 km
Cloud base 600 to 1000 m Sky state 6/8
Rain (mm) Ship W 6->10 knots
Sea temp. (C) Waves H= 2.0 m P=4 sec
Min temp. (C) Max temp. (C)

Other information
Present WX:state of sky unchanged
...Past 1 WX:cloud covering more than half of sky
...Past 2 WX:cloud covering more thna

Picture 2

S-Meter S6 Lev -90,2dBm

Step 1,0kHz SNAP LOCK 146.005 Hz CF Lock To CF Lock ABS IF AF

Span 96,0kHz FFT Res. 93,8Hz/point 10,0kHz/div AVG = 2

100kHz 110kHz 120kHz 130kHz 140kHz 150kHz 160kHz 170kHz 180kHz 190kHz

0,0Hz 2,5MHz 5,0MHz 7,5MHz 10,0MHz 12,5MHz

160m 80m 60m 49m 40m 30m 25m 20m

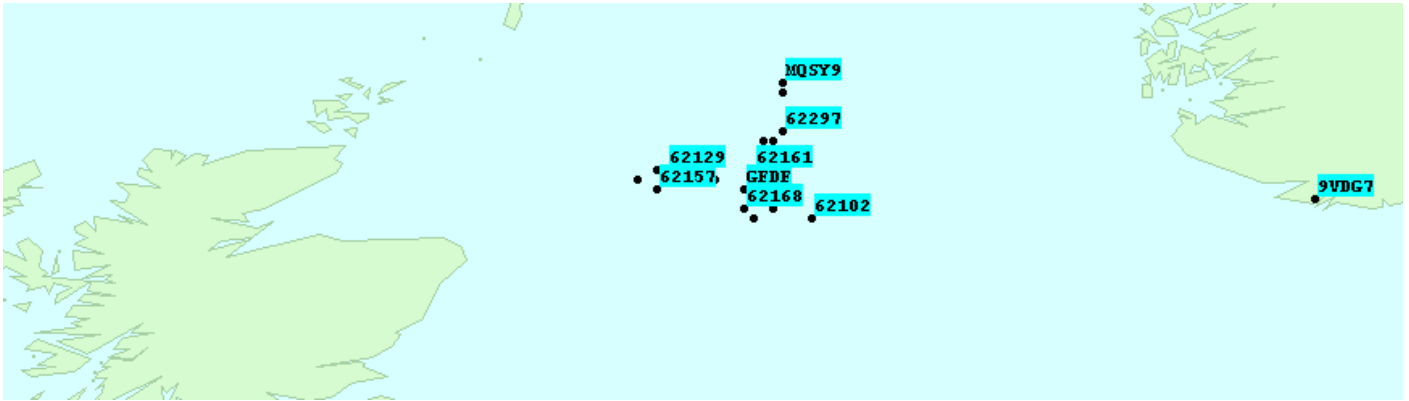
SET MEM LOG FILE FDM-S2 SN: SE0127_0101 NR AN USB BW 2,5kHz LO 146.005Hz No file selected 0:00:00:00:00

FDM-SW2 Ver.3.002

Attenuator Presel. Active
Noise Blanker
Notch BW Frequency
Mode USB
Filter BW 2.500
AGC MEDIUM
Thr
Noise Reduction
Auto Notch
Vol 1 100% L R
Vol 2 67%
Sql -140dBm
RX2 Vol 1 100%
Vol 2 67%
Sql -140dBm
RX3 Vol 1 100%
Vol 2 67%
Sql -140dBm
RX4 Vol 1 100%
Vol 2 67%
Sql -140dBm

UTC Time 19-1-2018 14:27:39
Local time 19-1-2018 15:27:39
FDM-SW2 CPU Usage 6.1%
Total CPU Usage 17.3%

Picture 3



Picture 4

Coded SYNOPSIS messages

ZCZC 372

SMVX41 EDZW 201200 RRC

BBXX

62122 20124 99573 10016 47999 /2506 10040 21015 49972 52005 700// 22200 10502 70012=
62140 20124 99573 10013 46/// /3106 10047 21017 49972 51004 22200=
62146 20124 99572 10021 47699 /3105 10044 21037 49971 51003 700// 22200 10602 70012=

AMOUK28 2012/ 99579 70068 46/// // // 10021 21007 40001=
62135 20124 99542 10016 46/// /26// 10049 20020 49989 58008 22200=
62165 20124 99540 10011 47998 /2706 10041 20019 49995 58006 700// 22200 10402 70010=
62127 20124 99540 10007 47998 /26// 10036 20025 49997 58006 700// 22200 10302 70008=
63058 20124 99530 10022 47997 /24// 10047 40003 58014 700// 22200=
63058 20124 99530 10021 46/// /2310 10042 40002 58014 22200 10402 70009=
62170 20124 99514 10020 46/// /1514 10050 20024 49997 58031 22200 00087 10501 70003=
62102 20124 99579 10018 47998 /3005 10041 21002 49969 51003 700// 22200 10602 70012=

MQSY9 20124 99593 10015 47599 /2602 10036 21002 51006 700// 22200=
62107 20124 99501 70061 46/96 /2832 10114 20108 40037 51018 22200 00105 10907 70037 333 90710 91141=
63057 20124 99592 10015 47999 /0000 10051 21001 49965 52006 700// 22200 10703 70016=
62297 20124 99588 10015 47498 /30// 10034 21004 49965 51005 700// 22200=
62128 20124 99587 10014 46/// // // 22200=
62130 20124 99587 10013 47598 /03// 10038 20003 49965 51007 761// 22200 1//02 70012=
62161 20124 99584 10012 47498 /33// 10023 21007 49964 52006 740// 22200 1//02 70012=
62129 20124 99584 10003 46/// /3006 10036 21018 49967 52008 22200=
62113 20124 99584 10002 47599 /2906 10037 21008 49968 52008 700// 22200=

AMOUK50 2012/ 99522 70063 46/// // // 10087 20079 49961=

ZQSD5 20124 99583 10008 47998 /0000 10052 49965 52007 700// 22200=
62114 20124 99583 10000 46/// /2708 10021 21020 49971 52007 22200=

GFDF 20124 99582 10011 47495 // // 10030 21021 49967 51009 771// 22200=
62157 20124 99582 10002 47497 /31// 10026 21007 49966 52005 704// 22200 1//02 70012=

AMOUK14 2012/ 99535 70030 46/// // // 10028 20011 49993=

9VDG7 20124 99581 10070 46/// // // 22200=
62134 20124 99580 10014 474// /3305 10024 21010 49973 52006 700// 22200 10502 70012=
62168 20124 99580 10011 47698 /27// 10033 21014 49969 51005 700// 22200 1//02 70012=

C6SG2 20124 99579 10012 47998 /32// 10032 21004 49967 51005 700// 22200=
NNNN

ZCZC MOR

SMVX41 EDZW 201200 RRD

BBXX

AMOUK21 2012/ 99565 70066 46/// // // 10050 21003 41000=

CQBD 2944 99506 10012 41496 81316 10060 20039 49980 57020 710// 8457/ 22213 04140 20501 80050=

A8LN2 20124 99502 70.904 41597 82912 10090 20028 499)4000 70322 85420 22224 04110 20703=
NNNN

The SYNOPSIS messages decoded with Multipsk

20/01/18 13:58:25 UTC|Automatic marine station C6SG2 |12:00 UTC the 20th| Lat=57.9 N| Long= 1.2
E|Direc=320|Speed=|Base:above 2500 m|Vis.:20 km|Cover:Unknown|Temp= 3.2 C|Dew= -0.4 C|Sea pres=
996.7|Evolution= 0.5 Increasing, then steady -- resultant pressure higher|Present WX:clear skies...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX C6SG2 20124 99579 10012 47998 /32//
10032 21004 49967 51005 700// 22200|

20/01/18 13:58:12 UTC|Automatic marine station 62168 |12:00 UTC the 20th| Lat=58.0 N| Long= 1.1
E|Direc=270|Speed=|Base:1000 to 1500 m|Vis.:20 km|Cover:Unknown|Temp= 3.3 C|Dew= -1.4 C|Sea pres=
996.9|Evolution= 0.5 Increasing, then steady -- resultant pressure higher|Present WX:clear skies...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=?|Waves: H= 1.2 m P=?| Message:BBXX
62168 20124 99580 10011 47698 /27// 10033 21014 49969 51005 700// 22200 1//02 70012|

20/01/18 13:57:58 UTC|Automatic marine station 62134 |12:00 UTC the 20th| Lat=58.0 N| Long= 1.4
E|Direc=330|Speed= 9.3 from anemometer|Base:300 to 600 m|Vis.:Unknown|Cover:Unknown|Temp= 2.4
C|Dew= -1.0 C|Sea pres= 997.3|Evolution= 0.6 Increasing steadily -- resultant pressure higher|Present WX:clear
skies...Past 1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=5 sec|Waves: H= 1.2
m P=5 sec| Message:BBXX 62134 20124 99580 10014 474// /3305 10024 21010 49973 52006 700// 22200 10502
70012|

20/01/18 13:57:45 UTC|Automatic marine station 9VDG7 |12:00 UTC the 20th| Lat=58.1 N| Long= 7.0
E|Direc=|Speed=|Base:Unknown|Vis.:Unknown|Cover:Unknown|Ship:/ 0 knots| Message:BBXX 9VDG7 20124
99581 10070 46/// // // 22200|

20/01/18 13:57:28 UTC|Automatic marine station 62157 |12:00 UTC the 20th| Lat=58.2 N| Long= 0.2
E|Direc=310|Speed=|Base:300 to 600 m|Vis.:10 km|Cover:Unknown|Temp= 2.6 C|Dew= -0.7 C|Sea pres=
996.6|Evolution= 0.5 Increasing steadily -- resultant pressure higher|Present WX:visibility reduced by smoke...Past
1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=?|Waves: H= 1.2 m P=?|
Message:BBXX 62157 20124 99582 10002 47497 /31// 10026 21007 49966 52005 704// 22200 1//02 70012|

20/01/18 13:57:14 UTC|Automatic marine station GFDF |12:00 UTC the 20th| Lat=58.2 N| Long= 1.1
E|Direc=|Speed=|Base:300 to 600 m|Vis.:2000 m|Cover:Unknown|Temp= 3.0 C|Dew= -2.1 C|Sea pres=
996.7|Evolution= 0.9 Increasing, then steady -- resultant pressure higher|Present WX:continuous light snow...Past
1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX GFDF 20124 99582 10011 47495
// // 10030 21021 49967 51009 771// 22200|

20/01/18 13:57:02 UTC|Automatic marine station 62114 |12:00 UTC the 20th| Lat=58.3 N| Long= 0.0
W|Direc=270|Speed= 14.8 from anemometer|Base:Unknown|Vis.:Unknown|Cover:Unknown|Temp= 2.1 C|Dew=
-2.0 C|Sea pres= 997.1|Evolution= 0.7 Increasing steadily -- resultant pressure higher|Ship:/ 0 knots|
Message:BBXX 62114 20124 99583 10000 46/// /2708 10021 21020 49971 52007 22200|

20/01/18 13:56:52 UTC|Automatic marine station ZQSD5 |12:00 UTC the 20th| Lat=58.3 N| Long= 0.8
E|Direc=0|Speed= 0.0 from anemometer|Base:above 2500 m|Vis.:20 km|Cover:Unknown|Temp= 5.2 C|Sea pres=
996.5|Evolution= 0.7 Increasing steadily -- resultant pressure higher|Present WX:clear skies...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX ZQSD5 20124 99583 10008 47998 /0000
10052 49965 52007 700// 22200|

20/01/18 13:56:32 UTC|Automatic marine station 62113 |12:00 UTC the 20th| Lat=58.4 N| Long= 0.2
E|Direc=290|Speed= 11.1 from anemometer|Base:600 to 1000 m|Vis.:>=50 km|Cover:Unknown|Temp= 3.7
C|Dew= -0.8 C|Sea pres= 996.8|Evolution= 0.8 Increasing steadily -- resultant pressure higher|Present WX:clear
skies...Past 1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX 62113 20124 99584
10002 47599 /2906 10037 21008 49968 52008 700// 22200|

20/01/18 13:56:20 UTC|Automatic marine station 62129 |12:00 UTC the 20th| Lat=58.4 N| Long= 0.3
E|Direc=300|Speed= 11.1 from anemometer|Base:Unknown|Vis.:Unknown|Cover:Unknown|Temp= 3.6 C|Dew= -
1.8 C|Sea pres= 996.7|Evolution= 0.8 Increasing steadily -- resultant pressure higher|Ship:/ 0 knots|
Message:BBXX 62129 20124 99584 10003 46/// /3006 10036 21018 49967 52008 22200|

20/01/18 13:56:09 UTC|Automatic marine station 62161 |12:00 UTC the 20th| Lat=58.4 N| Long= 1.2
E|Direc=330|Speed=|Base:300 to 600 m|Vis.:20 km|Cover:Unknown|Temp= 2.3 C|Dew= -0.7 C|Sea pres=
996.4|Evolution= 0.6 Increasing steadily -- resultant pressure higher|Present WX:Fog at a distance...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=?|Waves: H= 1.2 m P=?| Message:BBXX
62161 20124 99584 10012 47498 /33// 10023 21007 49964 52006 740// 22200 1//02 70012|

20/01/18 13:55:55 UTC|Automatic marine station 62130 |12:00 UTC the 20th| Lat=58.7 N| Long= 1.3
E|Direc=30|Speed=|Base:600 to 1000 m|Vis.:20 km|Cover:Unknown|Temp= 3.8 C|Dew= 0.3 C|Sea pres=
996.5|Evolution= 0.7 Increasing, then steady -- resultant pressure higher|Present WX:continuous light rain...Past 1
WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=?|Waves: H= 1.2 m P=?|
Message:BBXX 62130 20124 99587 10013 47598 /03// 10038 20003 49965 51007 761// 22200 1//02 70012|

20/01/18 13:55:42 UTC|Automatic marine station 62128 |12:00 UTC the 20th| Lat=58.7 N| Long= 1.4
E|Direc=|Speed=|Base:Unknown|Vis.:Unknown|Cover:Unknown|Ship:/ 0 knots| Message:BBXX 62128 20124
99587 10014 46/// // 22200|

20/01/18 13:55:35 UTC|Automatic marine station 62297 |12:00 UTC the 20th| Lat=58.8 N| Long= 1.5
E|Direc=300|Speed=|Base:300 to 600 m|Vis.:20 km|Cover:Unknown|Temp= 3.4 C|Dew= -0.4 C|Sea pres=
996.5|Evolution= 0.5 Increasing, then steady -- resultant pressure higher|Present WX:clear skies...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX 62297 20124 99588 10015 47498 /30//
10034 21004 49965 51005 700// 22200|

20/01/18 13:55:22 UTC|Automatic marine station 63057 |12:00 UTC the 20th| Lat=59.2 N| Long= 1.5
E|Direc=0|Speed= 0.0 from anemometer|Base:above 2500 m|Vis.:>=50 km|Cover:Unknown|Temp= 5.1 C|Dew= -
0.1 C|Sea pres= 996.5|Evolution= 0.6 Increasing steadily -- resultant pressure higher|Present WX:clear skies...Past
1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.5 m P=7 sec|Waves: H= 1.6 m P=7 sec|
Message:BBXX 63057 20124 99592 10015 47999 /0000 10051 21001 49965 52006 700// 22200 10703 70016|

20/01/18 13:55:09 UTC|Automatic marine station 62107 |12:00 UTC the 20th| Lat=50.1 N| Long= 6.1
W|Direc=280|Speed= 59.3 from anemometer|Base:Unknown|Vis.:4000 m|Cover:Unknown|Temp= 11.4 C|Dew=
10.8 C|Sea pres=1003.7|Evolution= 1.8 Increasing, then steady -- resultant pressure higher|Ship:/ 0 knots|Sea
temp= 10.5 C|Waves: H= 3.5 m P=9 sec|Waves: H= 3.7 m P=9 sec| Message:BBXX 62107 20124 99501 70061 46/96
/2832 10114 20108 40037 51018 22200 00105 10907 70037 333 90710 91141|

20/01/18 13:54:53 UTC|Automatic marine station MQSY9 |12:00 UTC the 20th| Lat=59.3 N| Long= 1.5
E|Direc=260|Speed= 3.7 from anemometer|Base:600 to 1000 m|Vis.:>=50 km|Cover:Unknown|Temp= 3.6
C|Dew= -0.2 C|Evolution= 0.6 Increasing, then steady -- resultant pressure higher|Present WX:clear skies...Past 1
WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX MQSY9 20124 99593 10015 47599
/2602 10036 21002 51006 700// 22200|

20/01/18 13:54:42 UTC|Automatic marine station 62102 |12:00 UTC the 20th| Lat=57.9 N| Long= 1.8
E|Direc=300|Speed= 9.3 from anemometer|Base:above 2500 m|Vis.:20 km|Cover:Unknown|Temp= 4.1 C|Dew= -
0.2 C|Sea pres= 996.9|Evolution= 0.3 Increasing, then steady -- resultant pressure higher|Present WX:clear
skies...Past 1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=6 sec|Waves: H= 1.2
m P=6 sec| Message:BBXX 62102 20124 99579 10018 47998 /3005 10041 21002 49969 51003 700// 22200 10602
70012|

20/01/18 13:54:28 UTC|Automatic marine station 62170 |12:00 UTC the 20th| Lat=51.4 N| Long= 2.0
E|Direc=150|Speed= 25.9 from anemometer|Base:Unknown|Vis.:Unknown|Cover:Unknown|Temp= 5.0 C|Dew=
2.4 C|Sea pres= 999.7|Evolution= -3.1 Increasing or steady, then decreasing -- resultant pressure|Ship:/ 0
knots|Sea temp= 8.7 C|Waves: H= 0.5 m P=5 sec|Waves: H= 0.3 m P=5 sec| Message:BBXX 62170 20124 99514
10020 46/// /1514 10050 20024 49997 58031 22200 00087 10501 70003|

20/01/18 13:54:02 UTC|Automatic marine station 63058 |12:00 UTC the 20th| Lat=53.0 N| Long= 2.2
E|Direc=240|Speed=|Base:above 2500 m|Vis.:10 km|Cover:Unknown|Temp= 4.7 C|Sea pres=1000.3|Evolution= -
1.4 Increasing or steady, then decreasing -- resultant pressure|Present WX:clear skies...Past 1 WX:no
observation...Past 2 WX:no observation|Ship:/ 0 knots| Message:BBXX 63058 20124 99530 10022 47997 /24//
10047 40003 58014 700// 22200|

20/01/18 13:53:52 UTC|Automatic marine station 62127 |12:00 UTC the 20th| Lat=54.0 N| Long= 0.7
E|Direc=260|Speed=|Base:above 2500 m|Vis.:20 km|Cover:Unknown|Temp= 3.6 C|Dew= 2.5 C|Sea pres=
999.7|Evolution= -0.6 Increasing or steady, then decreasing -- resultant pressure|Present WX:clear skies...Past 1
WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=3 sec|Waves: H= 0.8 m P=3 sec|
Message:BBXX 62127 20124 99540 10007 47998 /26// 10036 20025 49997 58006 700// 22200 10302 70008|

20/01/18 13:53:38 UTC|Automatic marine station 62165 |12:00 UTC the 20th| Lat=54.0 N| Long= 1.1
E|Direc=270|Speed= 11.1 from anemometer|Base:above 2500 m|Vis.:20 km|Cover:Unknown|Temp= 4.1 C|Dew=
1.9 C|Sea pres= 999.5|Evolution= -0.6 Increasing or steady, then decreasing -- resultant pressure|Present WX:clear
skies...Past 1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=4 sec|Waves: H= 1.0
m P=4 sec| Message:BBXX 62165 20124 99540 10011 47998 /2706 10041 20019 49995 58006 700// 22200 10402
70010|

20/01/18 13:53:24 UTC|Automatic marine station 62135 |12:00 UTC the 20th| Lat=54.2 N| Long= 1.6
E|Direc=260|Speed=|Base:Unknown|Vis.:Unknown|Cover:Unknown|Temp= 4.9 C|Dew= 2.0 C|Sea pres=
998.9|Evolution= -0.8 Increasing or steady, then decreasing -- resultant pressure|Ship:/ 0 knots| Message:BBXX
62135 20124 99542 10016 46/// /26// 10049 20020 49989 58008 22200|

20/01/18 13:53:04 UTC|Automatic marine station 62146 |12:00 UTC the 20th| Lat=57.2 N| Long= 2.1
E|Direc=310|Speed= 9.3 from anemometer|Base:1000 to 1500 m|Vis.:>=50 km|Cover:Unknown|Temp= 4.4
C|Dew= -3.7 C|Sea pres= 997.1|Evolution= 0.3 Increasing, then steady -- resultant pressure higher|Present
WX:clear skies...Past 1 WX:no observation...Past 2 WX:no observation|Ship:/ 0 knots|Waves: H= 1.0 m P=6
sec|Waves: H= 1.2 m P=6 sec| Message:BBXX 62146 20124 99572 10021 47699 /3105 10044 21037 49971 51003
700// 22200 10602 70012|

20/01/18 13:52:50 UTC|Automatic marine station 62140 |12:00 UTC the 20th| Lat=57.3 N| Long= 1.3
E|Direc=310|Speed= 11.1 from anemometer|Base:Unknown|Vis.:Unknown|Cover:Unknown|Temp= 4.7 C|Dew= -
1.7 C|Sea pres= 997.2|Evolution= 0.4 Increasing, then steady -- resultant pressure higher|Ship:/ 0 knots|
Message:BBXX 62140 20124 99573 10013 46/// /3106 10047 21017 49972 51004 22200|

Picture 1: Multipsk decoder

Picture 2: Multipsk SYNOPSIS screen

Picture 3: ELAD FDM-S2 SDR

Picture 4: The vessels plotted on DX-Atlas