SUPPLEMENT JANUARY 2024

to the

2023/2024 GUIDE TO UTILITY RADIO STATIONS

Edition 32

The following stations have been monitored between November 2022 and December 2023.

The **2025/2026** *(33rd!)* edition of our **GUIDE TO UTILITY RADIO STATIONS** will be published on 10 December 2024. Many more new frequencies, new stations, and new digital data transmission systems will be included, monitored with the latest technology. If *you* are able to supply additional new frequencies and stations, your cooperation would be highly appreciated. Please let us have your contributions by 30 September 2024. Thank you! ☺

Sincerely,

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2282.0		**NATO digital data station**	**STANAG 4285: 1813 encrypted tfc**
2524.0		Hobart R, TAS, AUS	SSB
2746.8	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
2986.0	**'H15'**	**Muhurroq Air, BHR**	**HFDL**
3067.8		**Digital data station**	**LINK-11 (CLEW): 0137 tfc**
3261.0	ZKG202.	MRS Hawkes Bay, NZL	SSB
3341.8		**Digital data station**	**CIS-12 PSK: 1829 tfc**
3345.0	ZKG202.	MRS Hawkes Bay, NZL	SSB
3455.0		Tokyo Air, JAP	SSB
3562.8		**Digital data station**	**CIS-12 PSK: 1830 tfc**
3609.8		**Digital data station**	**CIS-12 PSK: 1830 tfc**
3640.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1602 tfc**
3710.0		**NATO digital data station**	**STANAG 4285: 1828 encrypted tfc**
3897.0		**NATO digital data station**	**STANAG 4285: 1830 tfc**
3998.8		**Digital data station**	**CIS-12 PSK: 1728 tfc**
4146.0		Hobart R, TAS, AUS	SSB
4198.8		**Digital data station**	**CIS-12 PSK: 1835 tfc**
4209.5	**NRV**	**USCG Apra Harbour, GUM**	**SITOR-B: 0230 navigational warnings, 0500 wx, 0900 navigational warnings, 1500+1900+2315 wx**
4353.8		**Digital data station**	**CIS-12 PSK: 1635 tfc**
4378.0	ZLW	Kordia R, NZL	SSB
4423.0		**Digital data station**	**FSK 50 Bd: 1836 tfc**
4425.0	RIT	CISN Severomorsk, RUS	CW
4480.0		**Digital data station**	**FSK 50 Bd: 1837 tfc**
4483.0		Hobart R, TAS, AUS	SSB
4512.8		**NATO digital data station**	**STANAG 4285: 1811 encrypted tfc**
4687.0		ANZ Auckland, NZL	SSB
4770.0		USAP Dry Valley FP, ATA	SSB
		USAP Ross Island FP, ATA	SSB
5082.0		**Digital data station**	**FSK 75 Bd: 1816 tfc**
5100.0		USAP Air, ATA	SSB
5226.8		**Digital data station**	**CIS-12 PSK: 1541 tfc**
5299.0	ZLJG	MRS Wellington, NZL	SSB
5400.0		Scott Base FP, ATA	SSB
5438.0		**Digital data station**	**FSK 50 Bd: 1544 tfc**
5471.8		**Digital data station**	**CIS-12 PSK: 1629 tfc**
5667.0		Tokyo Air, JAP	SSB
5726.0	NGD	USN McMurdo Sound, ATA	SSB
	ZLQ	Scott Base, ATA	SSB
5745.0	RJS	CISN Vladivostok, SE, RUS	CW
5748.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
5800.8		**Digital data station**	**CIS-12 PSK: 1545 tfc**
5808.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1616 tfc**
5808.8	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**

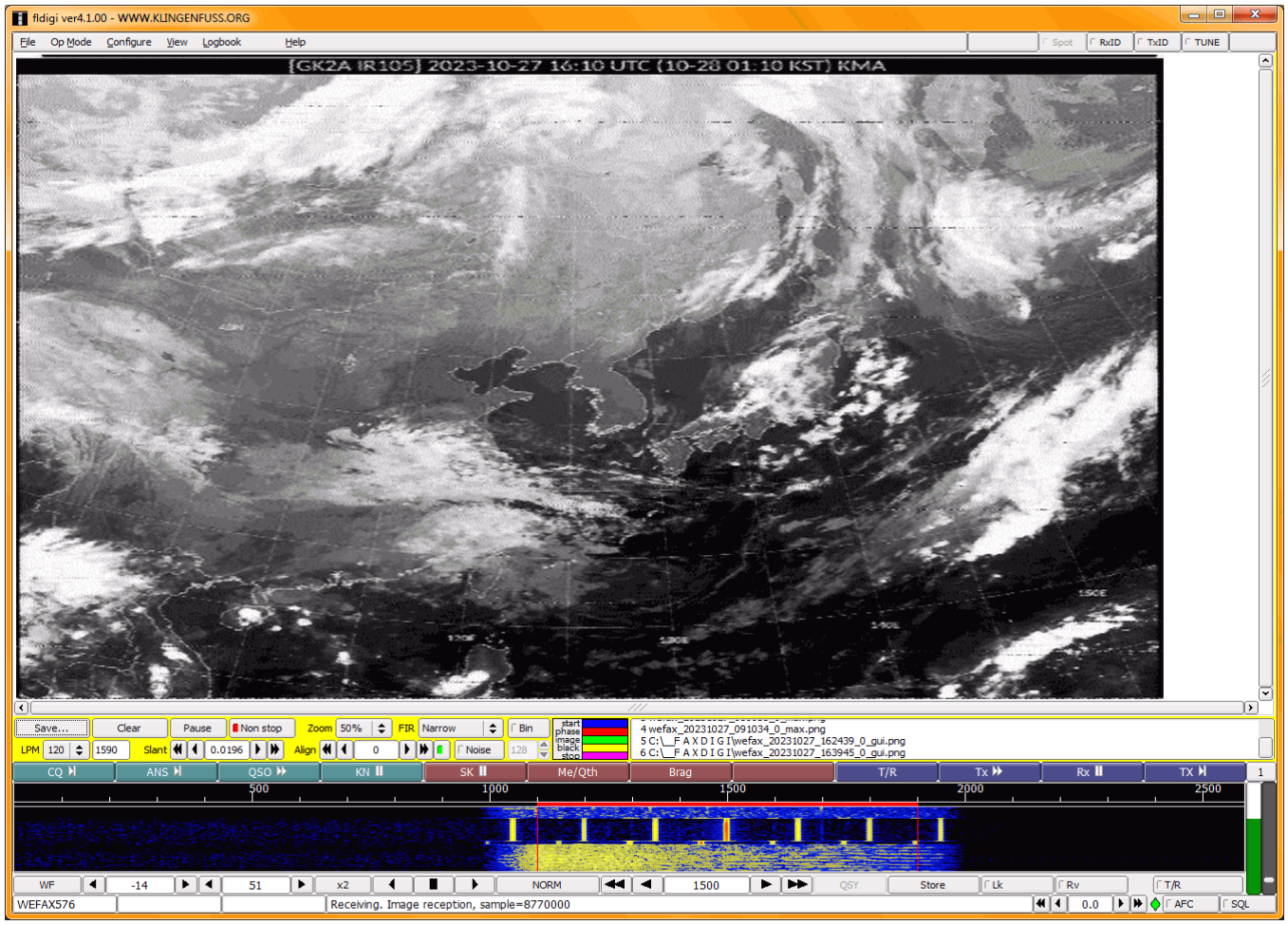
5909.5	**NMH**	**USCG Washington, DC, USA**	**ALE: 1448 tfc**
6087.0		**Digital data station**	**FSK 100 Bd: 1753 tfc**
6208.8		**Digital data station**	**CIS-12 PSK: 2027 tfc**
6225.8		**Digital data station**	**CIS-12 PSK: 1827 tfc**
6227.0		Hobart R, TAS, AUS	SSB
6257.8		**Digital data station**	**CIS-12 PSK: 1548 tfc**
6261.8		**Digital data station**	**CIS-12 PSK: 1547 tfc**
6275.0	**'GWPWR'**	**BN Recife, BRA**	**ALE: 2305 tfc**
6358.0	**REA**	**CISN Moscow, RUS**	**FSK 100 Bd: 1435+1443 tfc**
			CW
6362.8		**Digital data station**	**CIS-12 PSK: 1550 tfc**
6383.3		**Digital data station**	**CHN 4+4: 2030 tfc, s. off**
6403.8		**Digital data station**	**CIS-12 PSK: 2031 tfc**
6440.3		**NATO digital data station**	**STANAG 4285: 2033 encrypted tfc**
6443.8		**NATO digital data station**	**STANAG 4285: 2033 encrypted tfc**
6464.8		**NATO digital data station**	**STANAG 4285:1631 tfc**
6489.5		**Digital data station**	**CIS-50-50 50 Bd: 1856 tfc**
6501.0	ZLW	Kordia R, NZL	SSB
6646.0	**'H15'**	**Muhurroq Air, BHR**	**HFDL**
6779.8		**NATO digital data station**	**STANAG 4285: 1832 encrypted tfc**
6794.8		**Digital data station**	**CIS-12 PSK: 1858 tfc**
6824.0		**Digital data station**	**FSK 50 Bd: 1617 tfc**
6830.8		**Digital data station**	**CIS-12 PSK: 1616 tfc**
6831.8		**Digital data station**	**CIS-12 PSK: 1859 tfc**
6902.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
6992.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1515-1608 tfc**
7059.8		**Digital data station**	**CIS-12 PSK: 1901 tfc**
7430.0		**Digital data station**	**STANAG 4481 FSK 75 Bd: 1702 tfc**
7460.3		**NATO digital data station**	**STANAG 4285: 1915 encrypted tfc**
7463.8		**NATO digital data station**	**STANAG 4285: 1915 encrypted tfc**
7548.8		**Digital data station**	**CIS-12 PSK: 1858 tfc**
7623.8		**Digital data station**	**CIS-12 PSK: 1428 tfc**
7637.0		**Digital data station**	**CIS-50-50 50 Bd: 1823 tfc**
7653.0	RIT	CISN Severomorsk, RUS	CW
7677.8		**Digital data station**	**CIS-12 PSK: 1847 tfc**
7678.8		**Digital data station**	**CIS-12 PSK: 2001 tfc**
7688.8		**Digital data station**	**CIS-12 PSK: 1848 tfc**
7693.8		**Digital data station**	**CIS-12 PSK: 1429 tfc**
7699.8		**Digital data station**	**CIS-12 PSK: 0105 tfc**
7743.8		**Digital data station**	**STANAG 5511 SLEW: 1621 tfc**
7746.0	REA	CISN Moscow, RUS	CW
7754.8		**Digital data station**	**STANAG 5511 SLEW: 1515 tfc**
7822.0	RGT 77	Moscow, RUS	CW
7906.0	XVD	Hue R, VTN	SSB

7924.8		**Digital data station**	**CIS-12 PSK: 1829 tfc**
7979.4	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
7995.0		Remote FP, ATA	SSB
		South Pole FP, ATA	SSB
8004.8		**Digital data station**	**CIS-12 PSK: 1901 tfc**
8020.0		**Digital data station**	**FSK 50 Bd: 1903 tfc**
8058.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
8064.8		**Digital data station**	**CIS-12 PSK: 1826 tfc**
8067.8		**Digital data station**	**CIS-12 PSK: 2020 tfc**
8089.8		**Digital data station**	**CIS-12 PSK: 1432 tfc**
8096.3		**Digital data station**	**CHN 4+4: 1922 tfc**
8305.8		**Digital data station**	**STANAG 5511 SLEW: 2023 tfc**
8421.5		**EN Guayaquil, ECU**	**PACTOR-3: 1335 tfc**
8481.8	**'5253'**	**Digital data station**	**CODAN SELCAL: 1916 clg '6666'**
	'5570'	**Digital data station**	**CODAN SELCAL: 1917 clg '6666'**
8508.0	JFM	Muroto F R, JAP	CW
8512.8		**Digital data station**	**CIS-12 PSK: 1434 tfc**
8515.8		**NATO digital data station**	**STANAG 4285: 2022 encrypted tfc**
8536.3		**Digital data station**	**LINK-11 (CLEW): 1643 tfc**
8539.8		**Digital data station**	**LINK-11 (CLEW): 1643 tfc**
8581.7	**'ARMAI'**	**Digital data station, INS**	**PACTOR: 0930 tfc**
8624.8		**Digital data station**	**CIS-12 PSK: 1535 tfc**
8642.8		**Digital data station**	**CIS-12 PSK: 0953 tfc**
8643.8		**Digital data station**	**CIS-12 PSK: 1648 tfc**
8665.8		**Digital data station**	**CIS-12 PSK: 0909 tfc**
8737.0	ZLW	Kordia R, NZL	SSB
8791.0	*XSG*	*Shanghai R, CHN*	*FAX // 4170.0 kHz; ZAN 8302.0 kHz - see page 12!*
8930.0		ANZ Auckland, NZL	SSB
8974.8		**Digital data station**	**CIS-12 PSK: 18221 tfc**
9032.0	NGD	USN McMurdo Sound, ATA	SSB
	ZLQ	Scott Base, ATA	SSB
		USAP Air, ATA	SSB
9034.0	**NMH**	**USCG Washington, DC, USA**	**ALE: 2158+2255 tfc**
9070.8		**NATO digital data station**	**STANAG 4285: 1843 encrypted tfc**
9151.3		**Digital data station**	**CHN 4+4: 1318 tfc**
9199.8		**Digital data station, JAP**	**32-channel PSK-2B: 1058 tfc**
9413.0		**Digital data station**	**FSK 50 Bd: 0909 tfc**
9448.0		**Digital data station**	**FSK 50 Bd: 1526 tfc**
10030.0	**'H15'**	**Muhurroq Air, BHR**	**HFDL**
10078.0		ANZ Auckland, NZL	SSB
10211.4	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
10248.8		**Digital data station**	**CIS-12 PSK: 1935 tfc**
10405.3		**NATO digital data station**	**STANAG 4285: 1940 encrypted tfc**

10408.8		**NATO digital data station**	**STANAG 4285: 1940 encrypted tfc**
10448.0	**'FC_FEM'**	**many FEMA stations, USA**	**ALE: 0757+1553+1654+2059 tfc**
10581.8		**NATO digital data station**	**STANAG 4285: 1942 encrypted tfc**
10733.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
10805.8		**Digital data station**	**CIS-12 PSK: 1530 tfc**
10836.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 0346+1114+1500 tfc**
10919.3		**NATO digital data station**	**STANAG 4285: 0849 encrypted tfc**
10922.8		**NATO digital data station**	**STANAG 4285: 0849 encrypted tfc**
10945.0		**NATO digital data station**	**STANAG 4285: 1847 encrypted tfc**
10946.8		**Digital data station**	**CIS-12 PSK: 1943 tfc**
11010.0	**'GWPWN'**	**BN Natal, BRA**	**ALE: 2207 tfc**
11056.0	AFA	USAF Andrews, MD, USA	SSB
11082.3		**Digital data station**	**CIS-12 PSK: 0848 tfc**
11104.0		**Digital data station**	**FSK 50 Bd: 1849 tfc**
11135.0	**'GANOB6'**	**Digital data station**	**ALE: 0552 tfc**
11143.3		**NATO digital data station**	**STANAG 4285: 1819 encrypted tfc**
11146.8		**NATO digital data station**	**STANAG 4285: 1819 encrypted tfc**
11168.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
11220.0	AFS	USAF Offutt AFB, NE, USA	SSB
11256.0	NGD	USN McMurdo Sound, ATA	SSB
	ZLQ	Scott Base, ATA	SSB
11553.0		Remote FP, ATA	SSB
11579.8		**NATO digital data station**	**STANAG 4285: 1946 encrypted tfc**
12017.0		**Digital data station**	**FSK 75 Bd: 1537 tfc**
12147.8		**Digital data station**	**CIS-12 PSK: 1948 tfc**
12169.8		**Digital data station**	**CIS-12 PSK: 1954 tfc**
12464.0	RMP	CISN Kaliningrad, RUS	CW
12579.0	**NRV**	**USCG Apra Harbour, GUM**	**SITOR-B: 0230 navigational warnings, 0500 wx, 0900 navigational warnings, 1500+1900+2315 wx**
12684.0		**Digital data station**	**CIS-50-50 50 Bd: 1720 tfc**
12708.0		**NATO digital data station**	**STANAG 4285: 1704 encrypted tfc**
12723.0	RIW	CISN Moscow, RUS	CW
12752.0		**Digital data station**	**CIS-50-50 50 Bd: 0915 tfc**
12761.3		**Digital data station**	**CHN 4+4: 1053 tfc**
12789.7	**NMC**	**USCG San Franc., CA, USA**	**SITOR-B: 1740-1820 wx**
12871.8		**NATO digital data station**	**STANAG 4285: 0917 encrypted tfc**
12875.3		**NATO digital data station**	**STANAG 4285: 0917 encrypted tfc**
12989.8		**Digital data station**	**CIS-12 PSK: 1505 tfc**
13101.0	ZLW	Kordia R, NZL	SSB
13251.0	NGD	USN McMurdo Sound, ATA	SSB
	ZLQ	Scott Base, ATA	SSB

13312.0	**'H15'**	**Muhurroq Air, BHR**	**HFDL**
	'TSC'	**COTHEN Technical Service Center Orlando, FL, USA**	**ALE: 1444 tfc**
13324.0		ANZ Auckland, NZL	SSB
13333.0		ANZ Auckland, NZL	SSB
13368.8		**Digital data station**	**CIS-12 PSK: 0904 tfc**
13503.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
13926.4	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
14356.8		**NATO digital data station**	**STANAG 4285: 1046 encrypted tfc**
14508.5	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1513 tfc**
14601.8		**NATO digital data station**	**STANAG 4285: 1502 encrypted tfc**
14617.8		**NATO digital data station**	**STANAG 4285: 1620 encrypted tfc**
14872.3		**NATO digital data station**	**STANAG 4285: 0833 encrypted tfc**
14875.8		**NATO digital data station**	**STANAG 4285: 0833 encrypted tfc**
15601.5		**Digital data station**	**FSK 50 Bd: 1004 tfc**
15778.0		**Digital data station**	**CIS-50-50 50 Bd: 0702+0802+0836 tfc**
15832.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1313 tfc**
16283.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
16321.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1013+1214 tfc**
16794.8		**Digital data station**	**CIS-12 PSK: 1528 tfc**
16806.5	**NRV**	**USCG Apra Harbour, GUM**	**SITOR-B: 0230 navigational warnings, 0500 wx, 0900 navigational warnings, 1500+1900+2315 wx**
16808.2	**L2C**	**ACG Buenos Aires, ARG**	**SITOR-B: 1500 wx; ZAN 16806.5 kHz!**
16816.0		**Digital data station**	**FSK 50 Bd: 1419 tfc**
16822.5	**UDK**	**Murmansk R, RUS**	**SITOR-B: 0700+1200+1300+1600 tfc list, navigational warnings**
16834.8		**Digital data station**	**CIS-12 PSK: 1449 tfc**
16954.8		**NATO digital data station**	**STANAG 4285: 1027-1035 encrypted tfc**
17257.0	ZLW	Kordia R, NZL	SSB
17446.7		**MFA Cairo, EGY**	**SITOR-A: 0845 tfc**
17928.0		ANZ Auckland, NZL	SSB
18003.0	**'AKR'**	**RAF/USAF Akrotiri, CYP**	**ALE: 1002 tfc**
18005.0		**Digital data station**	**FSK 50 Bd: 1001 tfc**
18210.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 2106 tfc**
18248.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
18403.5	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 0956+1621 tfc**
18486.4	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
18733.3		**NATO digital data station**	**STANAG 4285: 0909 encrypted tfc**

18736.8		**NATO digital data station**	**STANAG 4285: 0909 encrypted tfc**
19256.0	**RDL**	**CISN Vilyeyka, BLR**	**CIS-50-50 50 Bd: 0856+1302+1630 tfc**
			CW
19640.8		**Digital data station**	**ALE-3G: 0852 tfc**
20108.3		**NATO digital data station**	**STANAG 4285: 0912 encrypted tfc**
20111.8		**NATO digital data station**	**STANAG 4285: 0912 encrypted tfc**
20268.0		**Digital data station**	**FSK 50 Bd: 1134 tfc**
20430.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 0127+1701 tfc**
20640.0		**Digital data station**	**CIS-36-50: 1128 tfc**
20810.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
20890.0	**'HNL'**	**COTHEN Honolulu, HWA**	**ALE: 2103 tfc**
20956.8		**NATO digital data station**	**STANAG 4285: 0915 encrypted tfc**
20982.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1206+1549 tfc**
21919.0	**'FC_FEM'**	**many FEMA stations, USA**	**ALE: 1141+1201+2141 tfc**
21970.0		ANZ Auckland, NZL	SSB
22207.3		**NATO digital data station**	**STANAG 4285: 0900 encrypted tfc**
22211.8		**NATO digital data station**	**STANAG 4285: 0900 encrypted tfc**
22376.0	**NRV**	**USCG Apra Harbour, GUM**	**SITOR-B: 0230 navigational warnings, 0500 wx, 0900 navigational warnings, 1500+1900+2315 wx**
22413.0		**Digital data station**	**FSK 50 Bd: 0904 tfc**
22455.0		**NATO digital data station**	**STANAG 4285: 0903 encrypted tfc**
22596.5		**NATO digital data station**	**STANAG 4285: 1444 encrypted tfc**
22621.8		**NATO digital data station**	**STANAG 4539: 1045 tfc**
22732.0	ZLW	Kordia R, NZL	SSB
22911.4	**WPT G385**	**Sailmail R, C. Chr., TX, USA**	**DIG**
22920.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1542-2212 tfc**
22983.0	**'FC_FEM' 'FM_FEM' 'FR_FEM'**	**many FEMA stations, USA**	**ALE: 1336-1739 tfc**
24655.0	**'XSS'**	**DHFCS Forest Moor, GBR**	**ALE: 1413+1602 tfc**
24838.5	**NMH**	**USCG Washington, DC, USA**	**ALE: 1255 tfc**
	'LNT'	**USCG Norfolk, VA, USA**	**ALE: 1456+1503 tfc**
	'PAC'	**USCG San Franc., CA, USA**	**ALE: 0028 tfc**
	'TSC'	**COTHEN Technical Service Center Orlando, FL, USA**	**ALE: 1808 tfc**
24883.6	**ZKH 64**	**USE EEN Wellington, NZL**	**ALE**
			SSB
	ZKH 65	**USE EEN Auckland, NZL**	**ALE**
			SSB
27870.0	**'AEDSPR'**	**USAF Elmendorf AFB, ALS**	**ALE: 0203+2303 tfc**
	'GUASPR'	**USAF Andersen AFB, GUM**	**ALE: 0039+0139+0239+2239 tfc**
	'MCCSPR'	**USAF McClellan, CA, USA**	**ALE: 2203 tfc ☺**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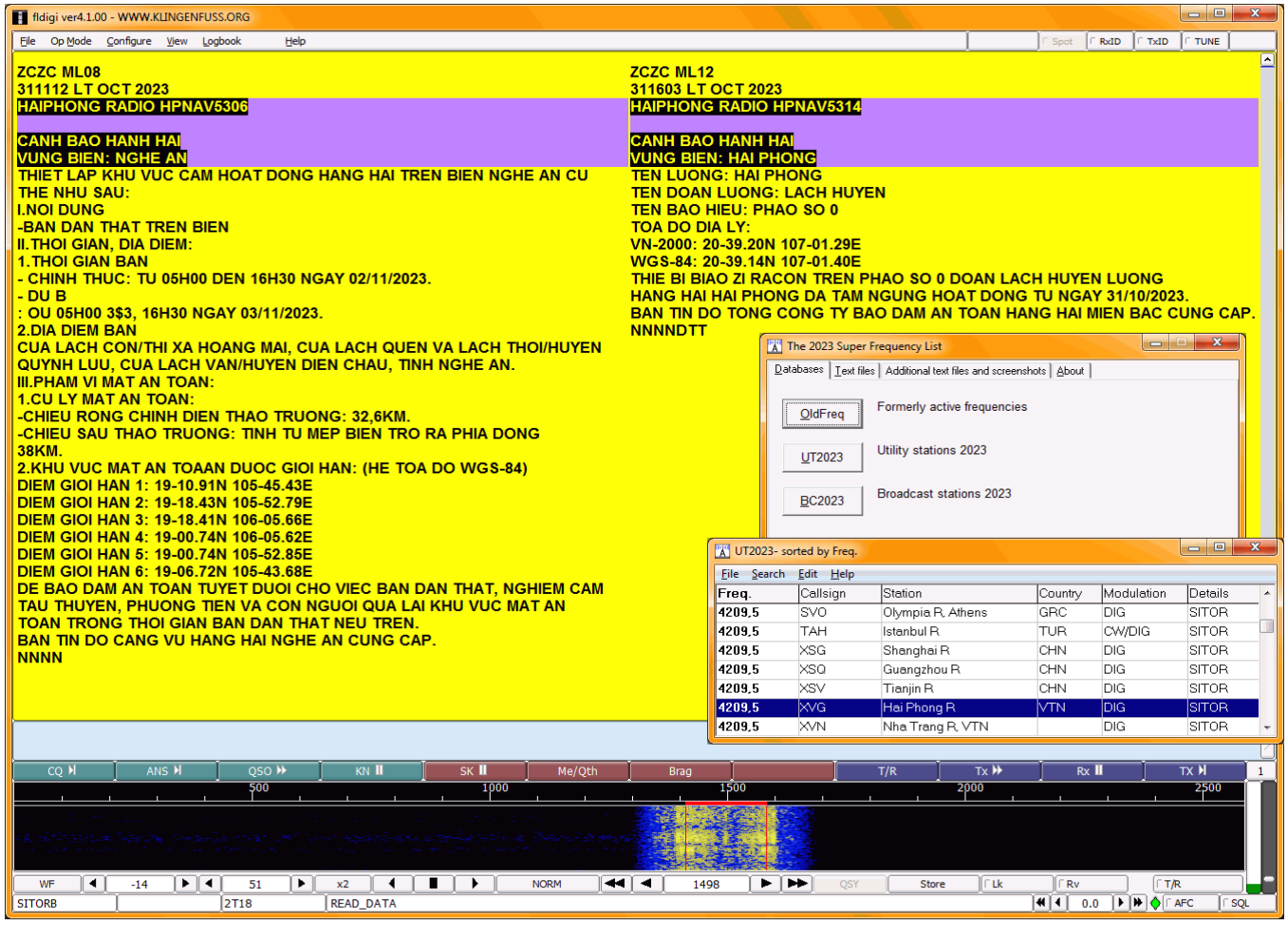
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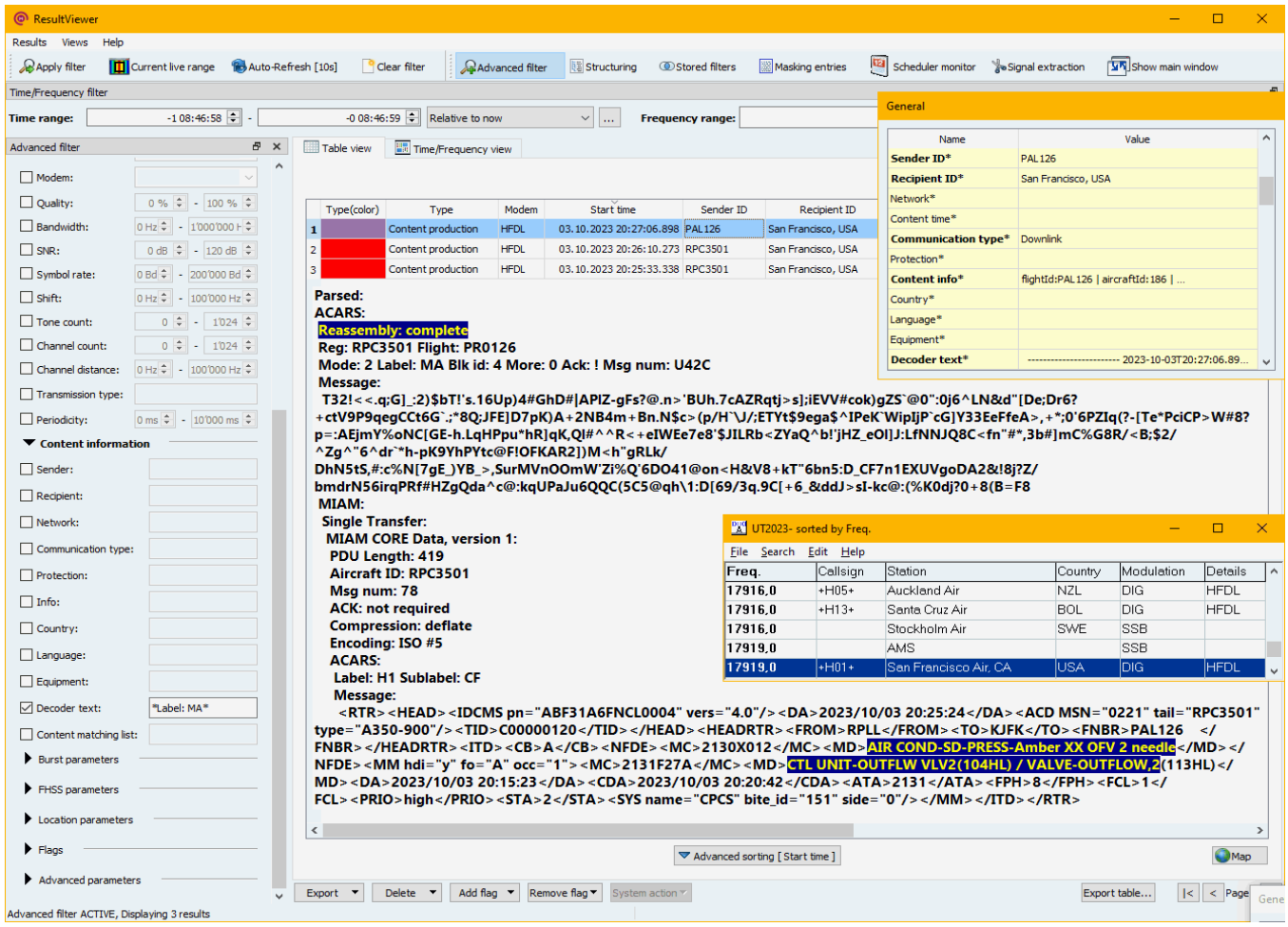
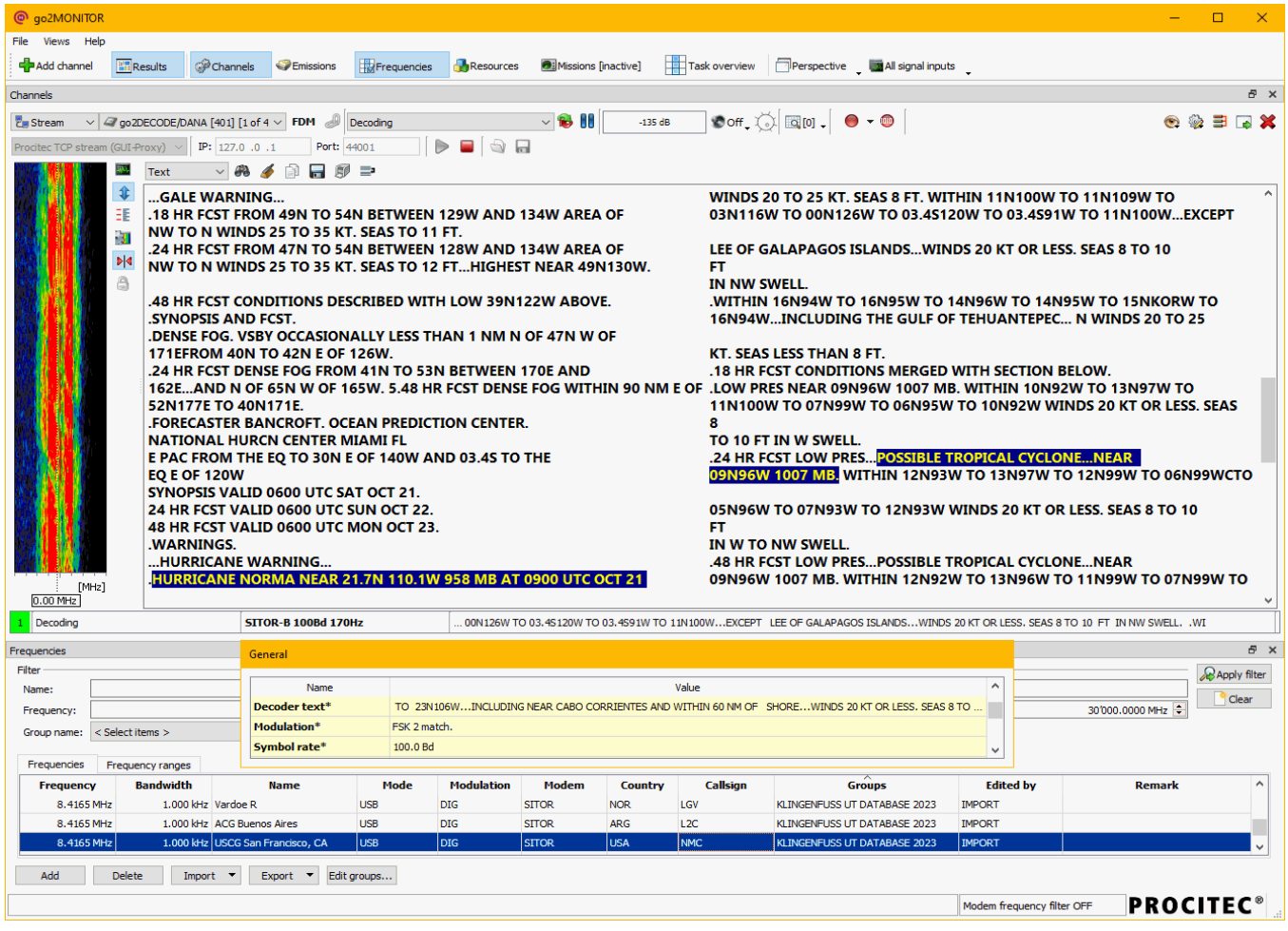
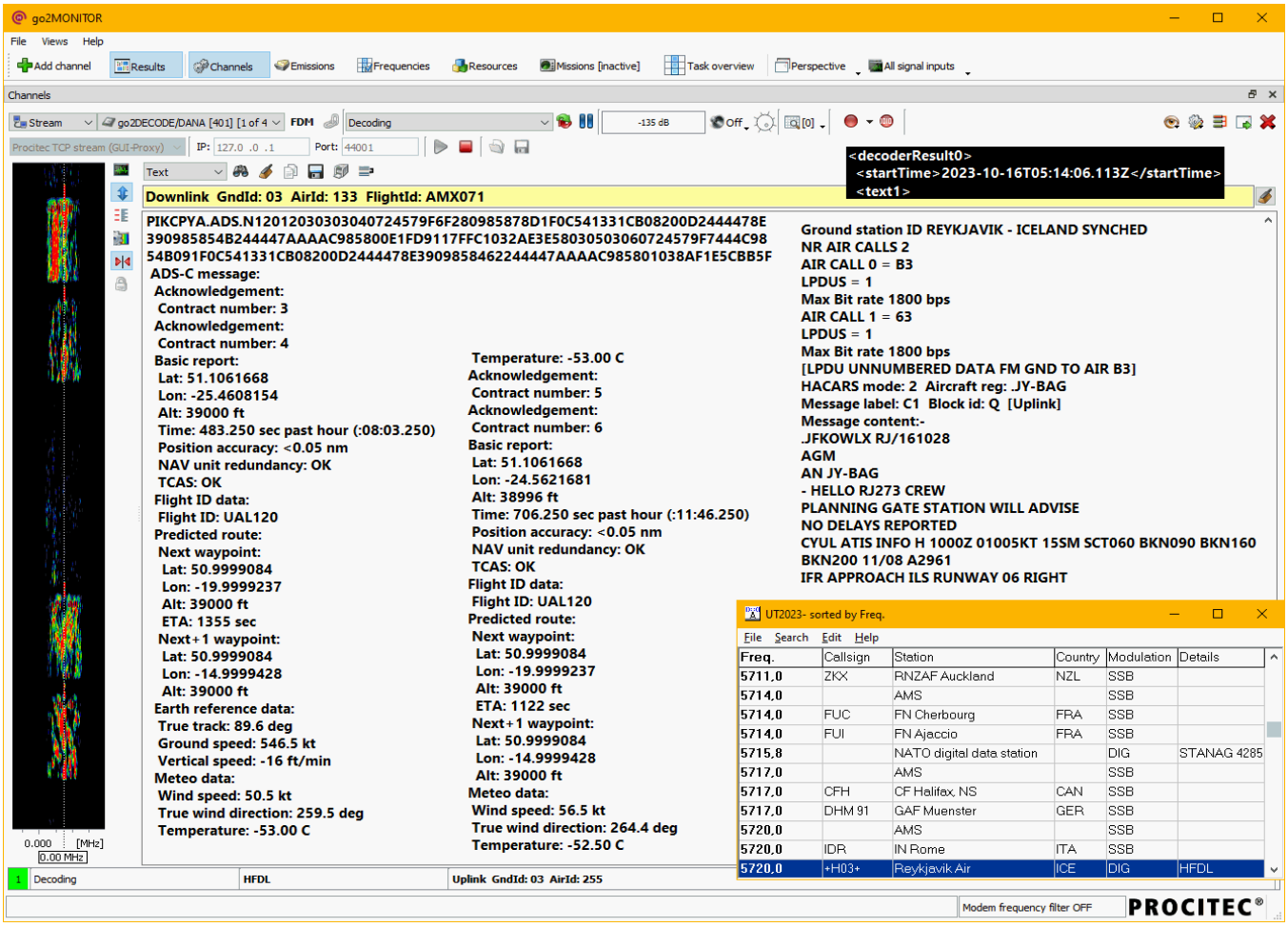
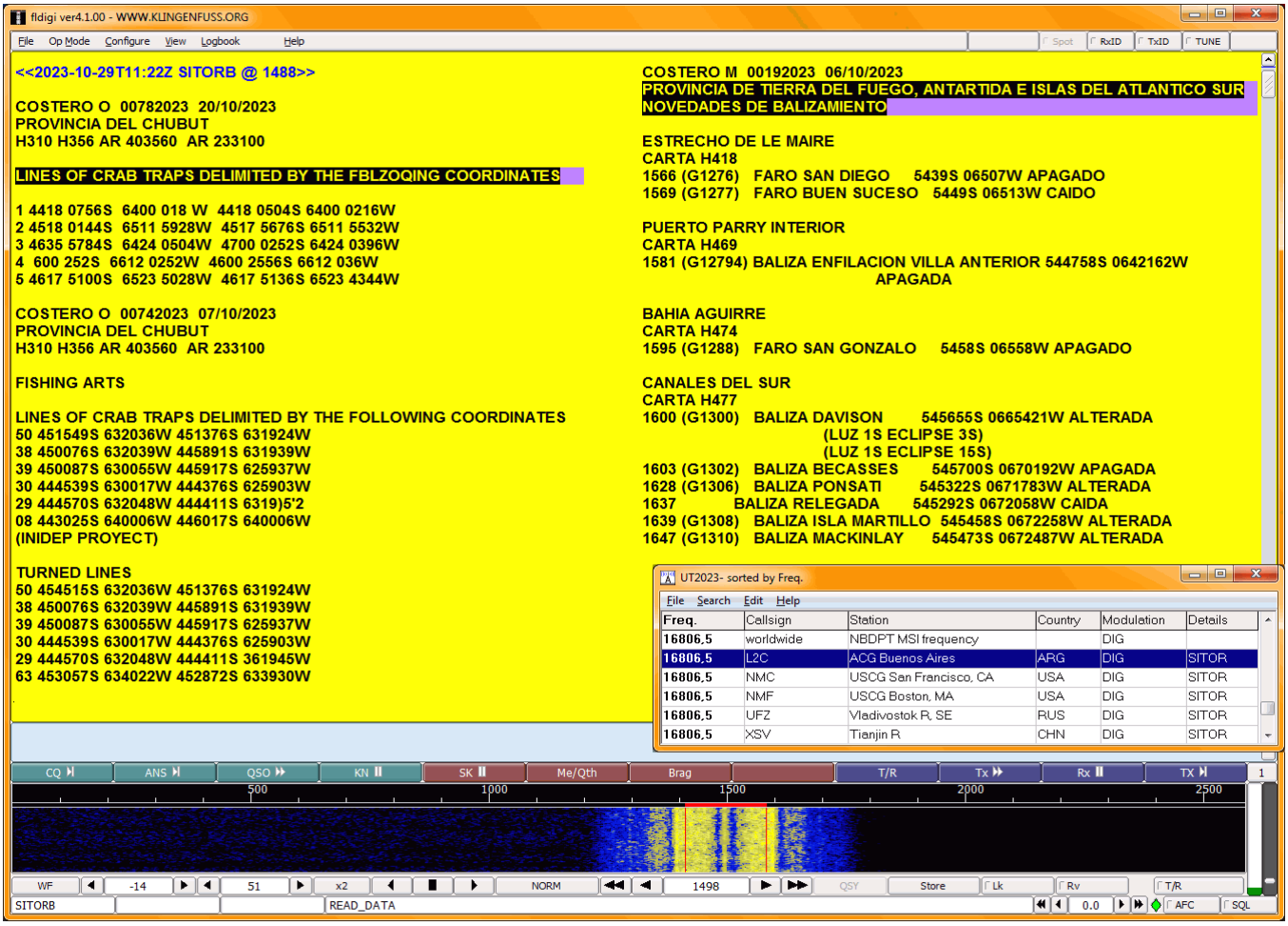
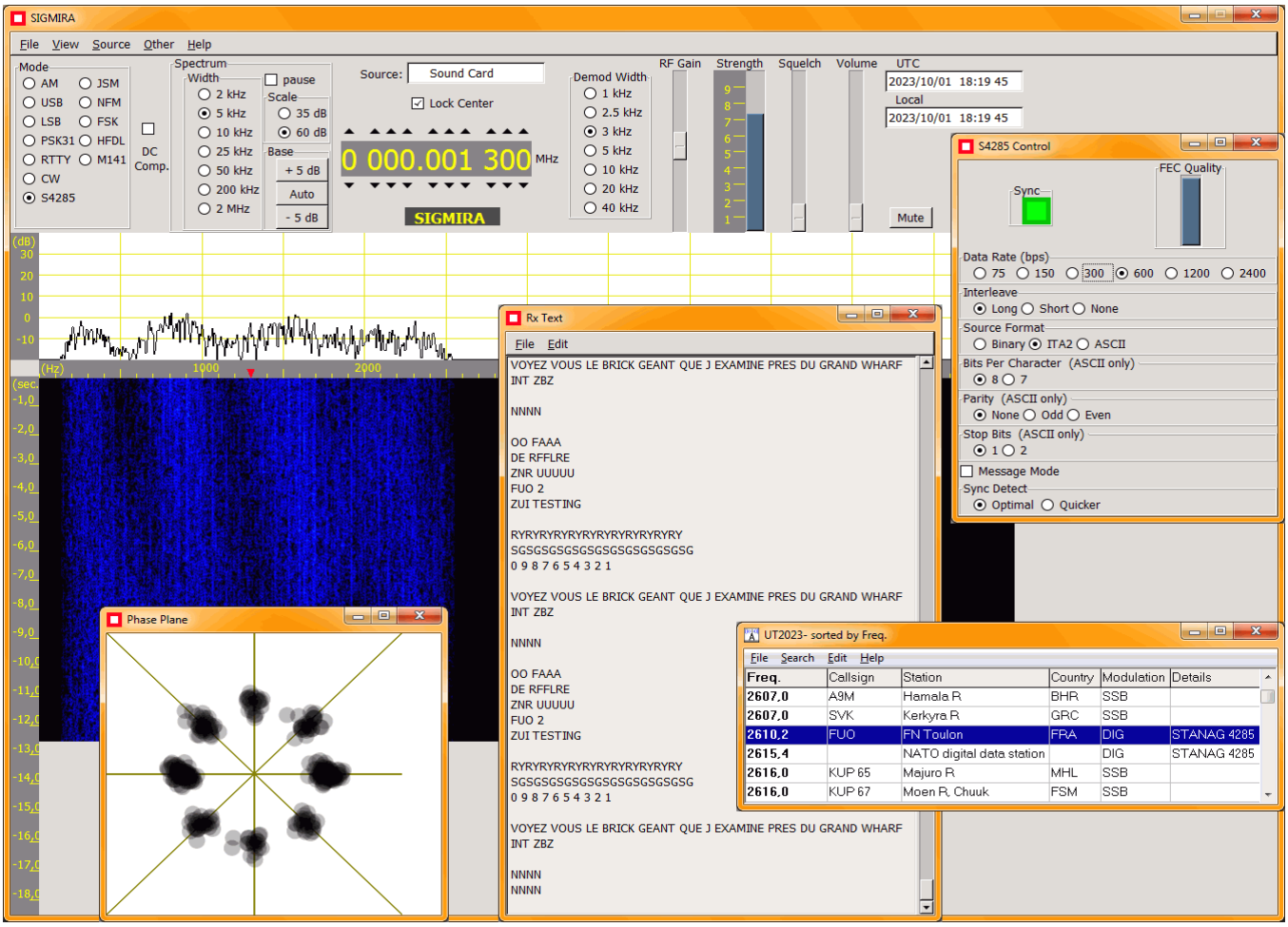
VUNG BIEN: NGHE AN
THIET LAP KHU VUC CAM HOAT DONG HANG HAI TREN BIEN NGHE AN CU THE NHU SAU:
I.NOI DUNG
-BAN DAN THAT TREN BIEN
II.THOI GIAN, DIA DIEM:
1.THOI GIAN BAN
- CHINH THUC: TU 05H00 DEN 16H30 NGAY 02/11/2023.
- DU B
: OU 05H00 3$3, 16H30 NGAY 03/11/2023.
2.DIA DIEM BAN
CUA LACH CON/THI XA HOANG MAI, CUA LACH QUEN VA LACH THOI/HUYEN QUYNH LUU, CUA LACH VAN/HUYEN DIEN CHAU, TINH NGHE AN.
III.PHAM VI MAT AN TOAN:
1.CU LY MAT AN TOAN:
-CHIEU RONG CHINH DIEN THAO TRUONG: 32,6KM.
-CHIEU SAU THAO TRUONG: TINH TU MEP BIEN TRO RA PHIA DONG 38KM.
2.KHU VUC MAT AN TOAAN DUOC GIOI HAN: (HE TOA DO WGS-84)
DIEM GIOI HAN 1: 19-10.91N 105-45.43E
DIEM GIOI HAN 2: 19-18.43N 105-52.79E
DIEM GIOI HAN 3: 19-18.41N 106-05.66E
DIEM GIOI HAN 4: 19-00.74N 106-05.62E
DIEM GIOI HAN 5: 19-00.74N 105-52.85E
DIEM GIOI HAN 6: 19-06.72N 105-43.68E
DE BAO DAM AN TOAN TUYET DUOI CHO VIEC BAN DAN THAT, NGHIEM CAM TAU THUYEN, PHUONG TIEN VA CON NGUOI QUA LAI KHU VUC MAT AN TOAN TRONG THOI GIAN BAN DAN THAT NEU TREN.
BAN TIN DO CANG VU HANG HAI NGHE AN CUNG CAP.
NNNN
ZCZC ML12
311603 LT OCT 2023
HAIPHONG RADIO HPNAV5314
CANH BAO HANH HAI
VUNG BIEN: HAI PHONG
TEN LUONG: HAI PHONG
TEN DOAN LUONG: LACH HUYEN
TEN BAO HIEU: PHAO SO 0
TOA DO DIA LY:
VN-2000: 20-39.20N 107-01.29E
WGS-84: 20-39.14N 107-01.40E
THIE BI BIAO ZI RACON TREN PHAO SO 0 DOAN LACH HUYEN LUONG HANG HAI HAI PHONG DA TAM NGUNG HOAT DONG TU NGAY 31/10/2023.
BAN TIN DO TONG CONG TY BAO DAM AN TOAN HANG HAI MIEN BAC CUNG CAP.
NNNNDTT
The 2023 Super Frequency List
Databases | Text files | Additional text files and screenshots | About
OldFreq
Formerly active frequencies
UT2023
Utility stations 2023
BC2023
Broadcast stations 2023
UT2023- sorted by Freq.
File Search Edit Help
Freq. | Callsign | Station | Country | Modulation | Details
4209.5 | SVO | Olympia R, Athens | GRC | DIG | SITOR
4209.5 | TAH | Istanbul R | TUR | CW/DIG | SITOR
4209.5 | XSG | Shanghai R | CHN | DIG | SITOR
4209.5 | XSQ | Guangzhou R | CHN | DIG | SITOR
4209.5 | XSV | Tianjin R | CHN | DIG | SITOR
4209.5 | XVG | Hai Phong R | VTN | DIG | SITOR
4209.5 | XVN | Nha Trang R, VTN | | DIG | SITOR
SITORB
READ_DATA

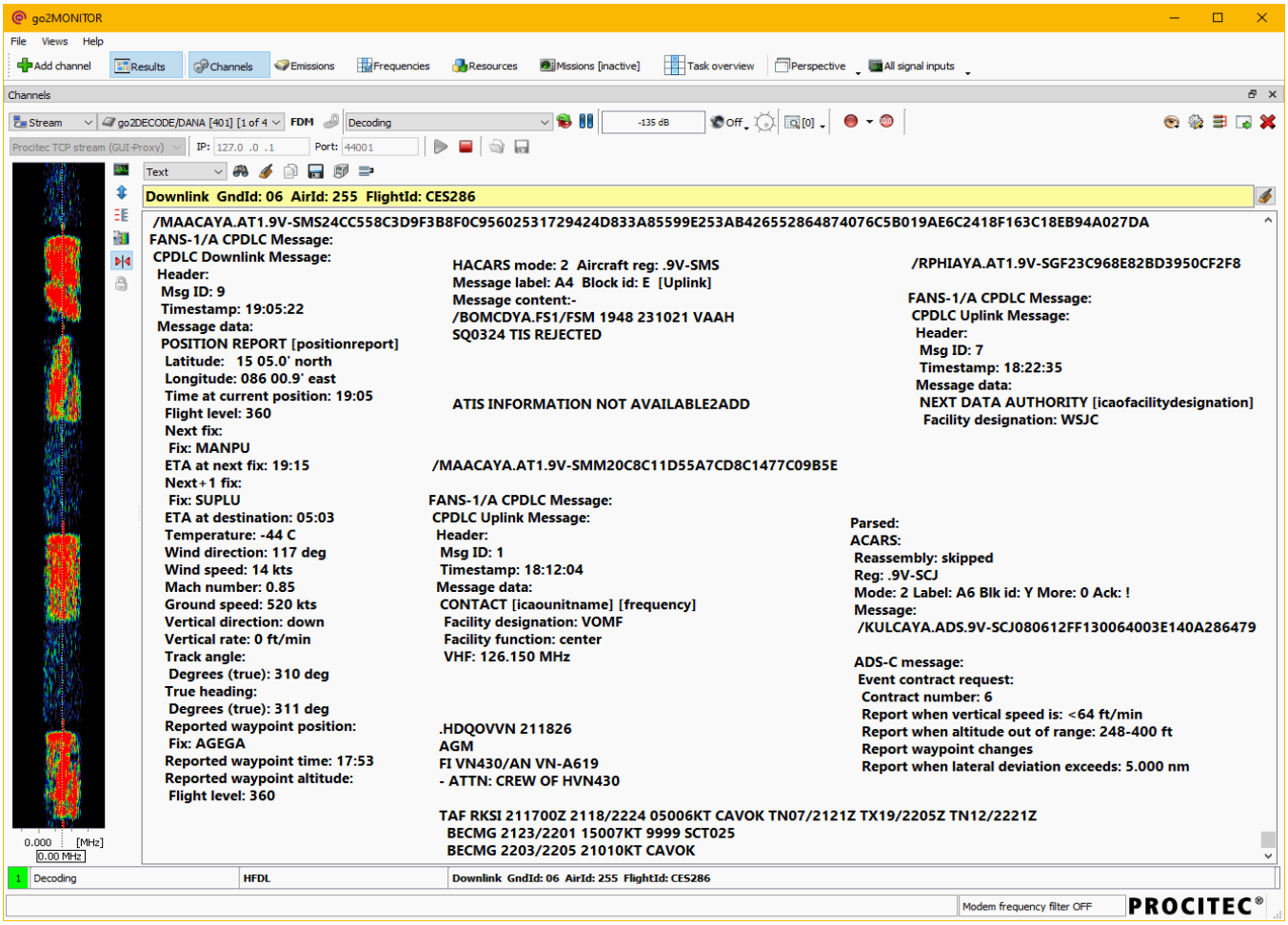

ResultViewer
Results Views Help
Apply filter Current live range Auto-Refresh [10s] Clear filter Advanced filter Structuring Stored filters Masking entries Scheduler monitor Signal extraction Show main window
Time/Frequency filter
Time range: -1 08:46:58 - -0 08:46:59 Relative to now Frequency range:
Advanced filter
Modem: Quality: Bandwidth: SNR: Symbol rate: Shift: Tone count: Channel count: Channel distance: Transmission type: Periodicity:
Content information
Sender: Recipient: Network: Communication type: Protection: Info: Country: Language: Equipment: Decoder text: *Label: MA* Content matching list:
Burst parameters FHSS parameters Location parameters Flags Advanced parameters
Table view Time/Frequency view
Type(color) Type Modem Start time Sender ID Recipient ID
1 Content production HFDL 03.10.2023 20:27:06.898 PAL126 San Francisco, USA
2 Content production HFDL 03.10.2023 20:26:10.273 RPC3501 San Francisco, USA
3 Content production HFDL 03.10.2023 20:25:33.338 RPC3501 San Francisco, USA
General
Name Value
Sender ID* PAL126
Recipient ID* San Francisco, USA
Network*
Content time*
Communication type* Downlink
Protection*
Content info* flightId:PAL126 | aircraftId:186 | ...
Country*
Language*
Equipment*
Decoder text* ---------- 2023-10-03T20:27:06.89...
Parsed:
ACARS:
Reassembly: complete
Reg: RPC3501 Flight: PR0126
Mode: 2 Label: MA Blk id: 4 More: 0 Ack: ! Msg num: U42C
Message:
T32!<<.q;G]_:2)$bT!'s.16Up)4#GhD#|APlZ-gFs?@.n>'BUh.7cAZRqtj>s];iEVV#cok)gZS`@0":0j6^LN&d"[De;Dr6?
+ctV9P9qegCCt6G`.;*8Q;JFE]D7pK)A+2NB4m+Bn.N$c>(p/H`\J/;ETYt$9ega$^IPeK`WipIjP`cG]Y33EeFfeA>,+*;0'6PZIq(?-[Te*PciCP>W#8?
p=:AEjmY%oNC[GE-h.LqHPpu*hR]qK,Q|#^^R<+eIWEe7e8'$JILRb<ZYaQ^b!'jHZ_eOI]J:LfNNJQ8C<fn"#",3b#]mC%G8R/<B;$2/
^Zg^"6^dr`*h-pK9YhPYtc@F!OFKAR2])M<h"gRLk/
DhN5tS,#:c%N[7gE_)YB_>,SurMVnOOmW'Zi%Q'6DO41@on<H&V8+kT"6bn5:D_CF7n1EXUVgoDA2&!8j?Z/
bmdrN56irqPRf#HZgQda^c@:kqUPaJu6QQC(5C5@qh\1:D[69/3q.9C[+6_&ddJ>sI-kc@:(%K0dj?0+8(B=F8
MIAM:
Single Transfer:
MIAM CORE Data, version 1:
PDU Length: 419
Aircraft ID: RPC3501
Msg num: 78
ACK: not required
Compression: deflate
Encoding: ISO #5
ACARS:
Label: H1 Sublabel: CF
Message:
<RTR><HEAD><IDCMS pn="ABF31A6FNCL0004" vers="4.0"/><DA>2023/10/03 20:25:24</DA><ACD MSN="0221" tail="RPC3501"
type="A350-900"/><TID>C00000120</TID></HEAD><HEADRTR><FROM>RPLL</FROM><TO>KJFK</TO><FNBR>PAL126 </
FNBR></HEADRTR><ITD><CB>A</CB><NFDE><MC>2130X012</MC><MD>AIR COND-SD-PRESS-Amber XX OFV 2 needle</MD></
NFDE><MM hdi="y" fo="A" occ="1"><MC>2131F27A</MC><MD>CTL UNIT-OUTFLW VLV2(104HL) / VALVE-OUTFLOW,2(113HL)</
MD><DA>2023/10/03 20:15:23</DA><CDA>2023/10/03 20:20:42</CDA><ATA>2131</ATA><FPH>8</FPH><FCL>1</
FCL><PRIO>high</PRIO><STA>2</STA><SYS name="CPCS" bite_id="151" side="0"/></MM></ITD></RTR>
UT2023- sorted by Freq.
File Search Edit Help
Freq. Callsign Station Country Modulation Details
17916,0 +H05+ Auckland Air NZL DIG HFDL
17916,0 +H13+ Santa Cruz Air BOL DIG HFDL
17916,0 Stockholm Air SWE SSB
17919,0 AMS SSB
17919,0 +H01+ San Francisco Air, CA USA DIG HFDL
Advanced sorting [Start time]
Map
Export Delete Add flag Remove flag System action Export table...
Advanced filter ACTIVE, Displaying 3 results

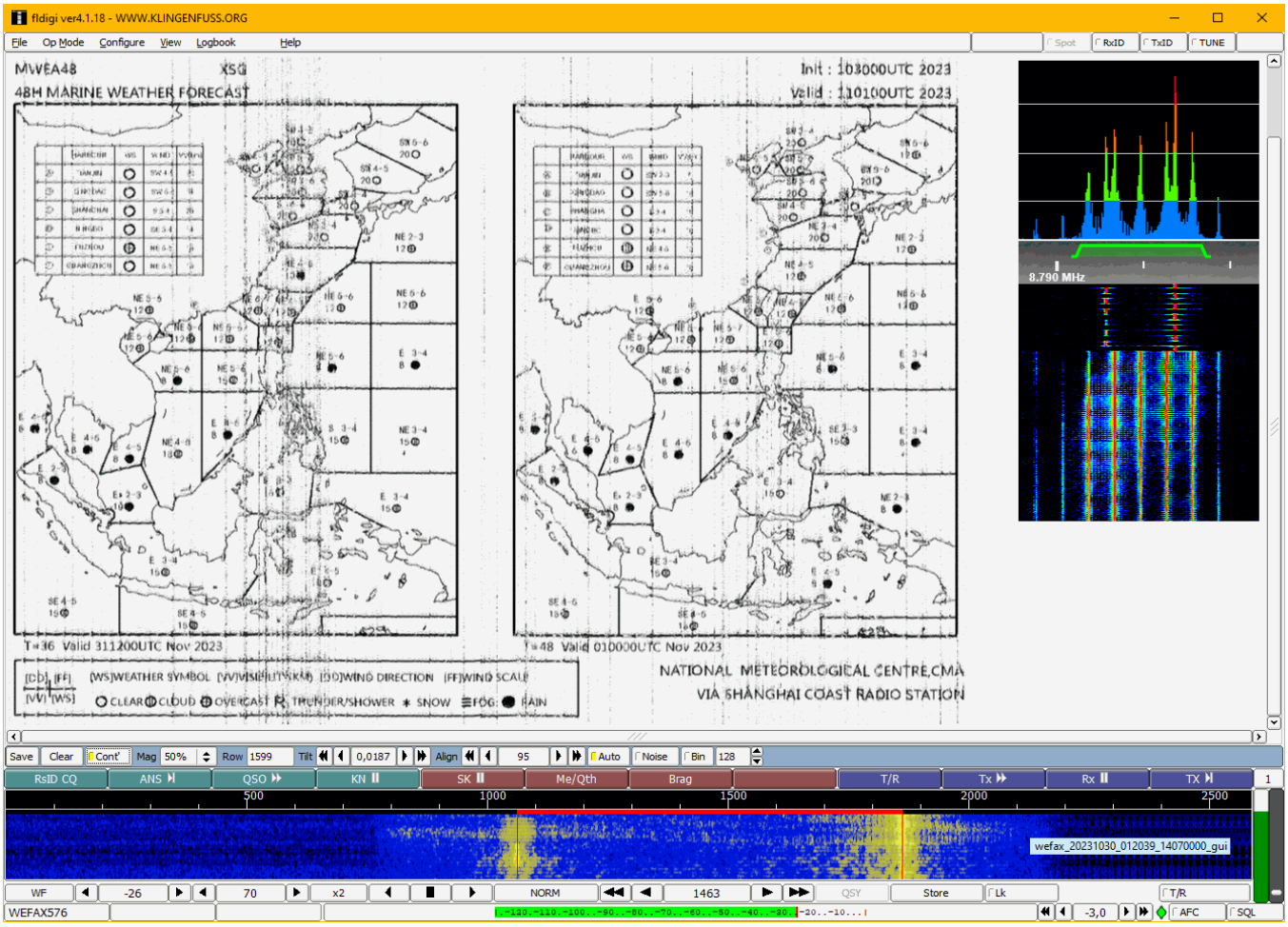

go2MONITOR
File Views Help
Add channel Results Channels Emissions Frequencies Resources Missions [inactive] Task overview Perspective All signal inputs
Channels
Stream go2DECODE/DANA [401] [1 of 4 FDM Decoding -135 dB Off [0]
Procitec TCP stream (GUI-Proxy) IP: 127.0 .0 .1 Port: 44001
Text
...GALE WARNING...
.18 HR FCST FROM 49N TO 54N BETWEEN 129W AND 134W AREA OF
NW TO N WINDS 25 TO 35 KT. SEAS TO 11 FT.
.24 HR FCST FROM 47N TO 54N BETWEEN 128W AND 134W AREA OF
NW TO N WINDS 25 TO 35 KT. SEAS TO 12 FT...HIGHEST NEAR 49N130W.
.48 HR FCST CONDITIONS DESCRIBED WITH LOW 39N122W ABOVE.
.SYNOPSIS AND FCST.
.DENSE FOG. VSBY OCCASIONALLY LESS THAN 1 NM N OF 47N W OF
171EFROM 40N TO 42N E OF 126W.
.24 HR FCST DENSE FOG FROM 41N TO 53N BETWEEN 170E AND
162E...AND N OF 65N W OF 165W. 5.48 HR FCST DENSE FOG WITHIN 90 NM E OF
52N177E TO 40N171E.
.FORECASTER BANCROFT. OCEAN PREDICTION CENTER.
NATIONAL HURCN CENTER MIAMI FL
E PAC FROM THE EQ TO 30N E OF 140W AND 03.4S TO THE
EQ E OF 120W
SYNOPSIS VALID 0600 UTC SAT OCT 21.
24 HR FCST VALID 0600 UTC SUN OCT 22.
48 HR FCST VALID 0600 UTC MON OCT 23.
.WARNINGS.
...HURRICANE WARNING...
.HURRICANE NORMA NEAR 21.7N 110.1W 958 MB AT 0900 UTC OCT 21
WINDS 20 TO 25 KT. SEAS 8 FT. WITHIN 11N100W TO 11N109W TO
03N116W TO 00N126W TO 03.4S120W TO 03.4S91W TO 11N100W...EXCEPT
LEE OF GALAPAGOS ISLANDS...WINDS 20 KT OR LESS. SEAS 8 TO 10
FT
IN NW SWELL.
.WITHIN 16N94W TO 16N95W TO 14N96W TO 14N95W TO 15NKORW TO
16N94W...INCLUDING THE GULF OF TEHUANTEPEC... N WINDS 20 TO 25
KT. SEAS LESS THAN 8 FT.
.18 HR FCST CONDITIONS MERGED WITH SECTION BELOW.
.LOW PRES NEAR 09N96W 1007 MB. WITHIN 10N92W TO 13N97W TO
11N100W TO 07N99W TO 06N95W TO 10N92W WINDS 20 KT OR LESS. SEAS
8
TO 10 FT IN W SWELL.
.24 HR FCST LOW PRES...POSSIBLE TROPICAL CYCLONE...NEAR
09N96W 1007 MB. WITHIN 12N93W TO 13N97W TO 12N99W TO 06N99WCTO
05N96W TO 07N93W TO 12N93W WINDS 20 KT OR LESS. SEAS 8 TO 10
FT
IN W TO NW SWELL.
.48 HR FCST LOW PRES...POSSIBLE TROPICAL CYCLONE...NEAR
09N96W 1007 MB. WITHIN 12N92W TO 13N96W TO 11N99W TO 07N99W TO
[MHz] 0.00 MHz
1 Decoding SITOR-B 100Bd 170Hz ...00N126W TO 03.4S120W TO 03.4S91W TO 11N100W...EXCEPT LEE OF GALAPAGOS ISLANDS...WINDS 20 KT OR LESS. SEAS 8 TO 10 FT IN NW SWELL. .WI
Frequencies
Filter
Name: Frequency: Group name: < Select items >
General
Name Value
Decoder text* TO 23N106W...INCLUDING NEAR CABO CORRIENTES AND WITHIN 60 NM OF SHORE...WINDS 20 KT OR LESS. SEAS 8 TO ...
Modulation* FSK 2 match.
Symbol rate* 100.0 Bd
Apply filter Clear
30'000.0000 MHz
Frequencies Frequency ranges
Frequency Bandwidth Name Mode Modulation Modem Country Callsign Groups Edited by Remark
8.4165 MHz 1.000 kHz Vardoe R USB DIG SITOR NOR LGV KLINGENFUSS UT DATABASE 2023 IMPORT
8.4165 MHz 1.000 kHz ACG Buenos Aires USB DIG SITOR ARG L2C KLINGENFUSS UT DATABASE 2023 IMPORT
8.4165 MHz 1.000 kHz USCG San Francisco, CA USB DIG SITOR USA NMC KLINGENFUSS UT DATABASE 2023 IMPORT
Add Delete Import Export Edit groups...
Modem frequency filter OFF
PROCITEC®

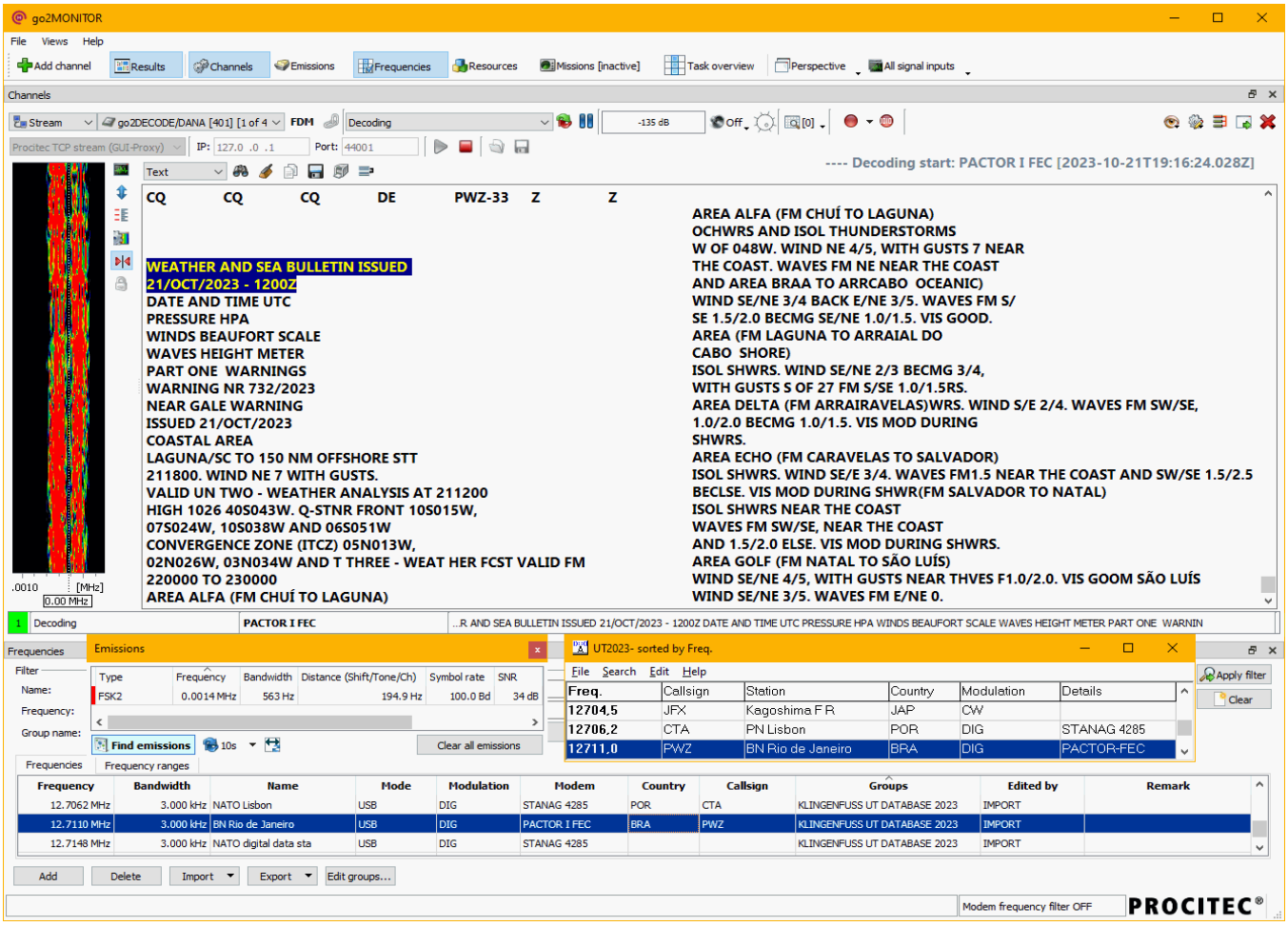

go2MONITOR
File Views Help
Add channel Results Channels Emissions Frequencies Resources Missions [inactive] Task overview Perspective All signal inputs
Channels
Stream go2DECODE/DANA [401] [1 of 4 FDM Decoding -135 dB Off [0]
Proctec TCP stream (GUI-Proxy) IP: 127.0 .0 .1 Port: 44001
Text
<decoderResult0>
<startTime>2023-10-16T05:14:06.113Z</startTime>
<text1>
Downlink GndId: 03 AirId: 133 FlightId: AMX071
PIKCPYA.ADS.N1201203030304072457 9F6F280985878D1F0C541331CB08200D2444478E
390985854B244447AAAAC985800E1FD9117FFC1032AE3E5803050306072457 9F7444C98
54B091F0C541331CB08200D2444478E3909858462244447AAAAC985801038AF1E5CBB5F
ADS-C message:
Acknowledgement:
Contract number: 3
Acknowledgement:
Contract number: 4
Basic report:
Lat: 51.1061668
Lon: -25.4608154
Alt: 39000 ft
Time: 483.250 sec past hour (:08:03.250)
Position accuracy: <0.05 nm
NAV unit redundancy: OK
TCAS: OK
Flight ID data:
Flight ID: UAL120
Predicted route:
Next waypoint:
Lat: 50.9999084
Lon: -19.9999237
Alt: 39000 ft
ETA: 1355 sec
Next+1 waypoint:
Lat: 50.9999084
Lon: -14.9999428
Alt: 39000 ft
Earth reference data:
True track: 89.6 deg
Ground speed: 546.5 kt
Vertical speed: -16 ft/min
Meteo data:
Wind speed: 50.5 kt
True wind direction: 259.5 deg
Temperature: -53.00 C
Temperature: -53.00 C
Acknowledgement:
Contract number: 5
Acknowledgement:
Contract number: 6
Basic report:
Lat: 51.1061668
Lon: -24.5621681
Alt: 38996 ft
Time: 706.250 sec past hour (:11:46.250)
Position accuracy: <0.05 nm
NAV unit redundancy: OK
TCAS: OK
Flight ID data:
Flight ID: UAL120
Predicted route:
Next waypoint:
Lat: 50.9999084
Lon: -19.9999237
Alt: 39000 ft
ETA: 1122 sec
Next+1 waypoint:
Lat: 50.9999084
Lon: -14.9999428
Alt: 39000 ft
Meteo data:
Wind speed: 56.5 kt
True wind direction: 264.4 deg
Temperature: -52.50 C
Ground station ID REYKJAVIK - ICELAND SYNCHED
NR AIR CALLS 2
AIR CALL 0 = B3
LPDUS = 1
Max Bit rate 1800 bps
AIR CALL 1 = 63
LPDUS = 1
Max Bit rate 1800 bps
[LPDU UNNUMBERED DATA FM GND TO AIR B3]
HACARS mode: 2 Aircraft reg: .JY-BAG
Message label: C1 Block id: Q [Uplink]
Message content:-
.JFKOWLX RJ/161028
AGM
AN JY-BAG
- HELLO RJ273 CREW
PLANNING GATE STATION WILL ADVISE
NO DELAYS REPORTED
CYUL ATIS INFO H 1000Z 01005KT 15SM SCT060 BKN090 BKN160
BKN200 11/08 A2961
IFR APPROACH ILS RUNWAY 06 RIGHT
0.000 [MHz]
0.00 MHz
1 Decoding HFDL Uplink GndId: 03 AirId: 255
UT2023- sorted by Freq.
File Search Edit Help
Freq. Callsign Station Country Modulation Details
5711,0 ZKX RNZAF Auckland NZL SSB
5714,0 AMS SSB
5714,0 FUC FN Cherbourg FRA SSB
5714,0 FUI FN Ajaccio FRA SSB
5715,8 NATO digital data station DIG STANAG 4285
5717,0 AMS SSB
5717,0 CFH CF Halifax, NS CAN SSB
5717,0 DHM 91 GAF Muenster GER SSB
5720,0 AMS SSB
5720,0 IDR IN Rome ITA SSB
5720,0 +H03+ Reykjavik Air ICE DIG HFDL
Modem frequency filter OFF
PROCITEC


fldigi ver4.1.00 - WWW.KLINGENFUSS.ORG
File Op Mode Configure View Logbook Help
<<2023-10-29T11:22Z SITORB @ 1488>>
COSTERO O 00782023 20/10/2023
PROVINCIA DEL CHUBUT
H310 H356 AR 403560 AR 233100
LINES OF CRAB TRAPS DELIMITED BY THE FBLZOQING COORDINATES
1 4418 0756S 6400 018 W 4418 0504S 6400 0216W
2 4518 0144S 6511 5928W 4517 5676S 6511 5532W
3 4635 5784S 6424 0504W 4700 0252S 6424 0396W
4 600 252S 6612 0252W 4600 2556S 6612 036W
5 4617 5100S 6523 5028W 4617 5136S 6523 4344W
COSTERO O 00742023 07/10/2023
PROVINCIA DEL CHUBUT
H310 H356 AR 403560 AR 233100
FISHING ARTS
LINES OF CRAB TRAPS DELIMITED BY THE FOLLOWING COORDINATES
50 451549S 632036W 451376S 631924W
38 450076S 632039W 445891S 631939W
39 450087S 630055W 445917S 625937W
30 444539S 630017W 444376S 625903W
29 444570S 632048W 444411S 6319)5'2
08 443025S 640006W 446017S 640006W
(INIDEP PROYECT)
TURNED LINES
50 454515S 632036W 451376S 631924W
38 450076S 632039W 445891S 631939W
39 450087S 630055W 445917S 625937W
30 444539S 630017W 444376S 625903W
29 444570S 632048W 444411S 361945W
63 453057S 634022W 452872S 633930W
COSTERO M 00192023 06/10/2023
PROVINCIA DE TIERRA DEL FUEGO, ANTARTIDA E ISLAS DEL ATLANTICO SUR
NOVEDADES DE BALIZAMIENTO
ESTRECHO DE LE MAIRE
CARTA H418
1566 (G1276) FARO SAN DIEGO 5439S 06507W APAGADO
1569 (G1277) FARO BUEN SUCESO 5449S 06513W CAIDO
PUERTO PARRY INTERIOR
CARTA H469
1581 (G12794) BALIZA ENFILACION VILLA ANTERIOR 544758S 0642162W
APAGADA
BAHIA AGUIRRE
CARTA H474
1595 (G1288) FARO SAN GONZALO 5458S 06558W APAGADO
CANALES DEL SUR
CARTA H477
1600 (G1300) BALIZA DAVISON 545655S 0665421W ALTERADA
(LUZ 1S ECLIPSE 3S)
(LUZ 1S ECLIPSE 15S)
1603 (G1302) BALIZA BECASSES 545700S 0670192W APAGADA
1628 (G1306) BALIZA PONSATI 545322S 0671783W ALTERADA
1637 BALIZA RELEGADA 545292S 0672058W CAIDA
1639 (G1308) BALIZA ISLA MARTILLO 545458S 0672258W ALTERADA
1647 (G1310) BALIZA MACKINLAY 545473S 0672487W ALTERADA
UT2023- sorted by Freq.
File Search Edit Help
Freq. Callsign Station Country Modulation Details
16806,5 worldwide NBDPT MSI frequency DIG
16806,5 L2C ACG Buenos Aires ARG DIG SITOR
16806,5 NMC USCG San Francisco, CA USA DIG SITOR
16806,5 NMF USCG Boston, MA USA DIG SITOR
16806,5 UFZ Vladivostok R, SE RUS DIG SITOR
16806,5 XSV Tianjin R CHN DIG SITOR
CQ ANS QSO KN SK Me/Qth Brag T/R Tx Rx TX
500 1000 1500 2000 2500
WF -14 51 x2 NORM 1498 QSY Store Lk Rv T/R
SITORB READ_DATA 0.0 AFC SQL


SIGMIRA
File View Source Other Help
Mode
AM JSM
USB NFM
LSB FSK
PSK31 HFDL
RTTY M141
CW
S4285
DC Comp.
Spectrum
Width
2 kHz
5 kHz
10 kHz
25 kHz
50 kHz
200 kHz
2 MHz
pause
Scale
35 dB
60 dB
Base
+ 5 dB
Auto
- 5 dB
Source: Sound Card
Lock Center
0 000.001 300 MHz
SIGMIRA
Demod Width
1 kHz
2.5 kHz
3 kHz
5 kHz
10 kHz
20 kHz
40 kHz
RF Gain
Strength
Squelch
Volume
UTC
2023/10/01 18:19 45
Local
2023/10/01 18:19 45
Mute
S4285 Control
Sync
FEC Quality
Data Rate (bps)
75 150 300 600 1200 2400
Interleave
Long Short None
Source Format
Binary ITA2 ASCII
Bits Per Character (ASCII only)
8 7
Parity (ASCII only)
None Odd Even
Stop Bits (ASCII only)
1 2
Message Mode
Sync Detect
Optimal Quicker
Rx Text
File Edit
VOYEZ VOUS LE BRICK GEANT QUE J EXAMINE PRES DU GRAND WHARF
INT ZBZ
NNNN
OO FAAA
DE RFFLRE
ZNR UUUUU
FUO 2
ZUI TESTING
RYRYRYRYRYRYRYRYRYRYRY
SGSGSGSGSGSGSGSGSGSGSG
0 9 8 7 6 5 4 3 2 1
Phase Plane
UT2023- sorted by Freq.
File Search Edit Help
Freq. Callsign Station Country Modulation Details
2607,0 A9M Hamala R BHR SSB
2607,0 SVK Kerkyra R GRC SSB
2610,2 FUO FN Toulon FRA DIG STANAG 4285
2615,4 NATO digital data station DIG STANAG 4285
2616,0 KUP 65 Majuro R MHL SSB
2616,0 KUP 67 Moen R, Chuuk FSM SSB


go2MONITOR
File Views Help
Add channel
Results
Channels
Emissions
Frequencies
Resources
Missions [inactive]
Task overview
Perspective
All signal inputs
Channels
Downlink GndId: 06 AirId: 255 FlightId: CES286
/MAACAYA.AT1.9V-SMS24CC558C3D9F3B8F0C95602531729424D833A85599E253AB4265528648740 76C5B019AE6C2418F163C18EB94A027DA
FANS-1/A CPDLC Message:
CPDLC Downlink Message:
Header:
Msg ID: 9
Timestamp: 19:05:22
Message data:
POSITION REPORT [positionreport]
Latitude: 15 05.0' north
Longitude: 086 00.9' east
Time at current position: 19:05
Flight level: 360
Next fix:
Fix: MANPU
ETA at next fix: 19:15
Next+1 fix:
Fix: SUPLU
ETA at destination: 05:03
Temperature: -44 C
Wind direction: 117 deg
Wind speed: 14 kts
Mach number: 0.85
Ground speed: 520 kts
Vertical direction: down
Vertical rate: 0 ft/min
Track angle:
Degrees (true): 310 deg
True heading:
Degrees (true): 311 deg
Reported waypoint position:
Fix: AGEGA
Reported waypoint time: 17:53
Reported waypoint altitude:
Flight level: 360
HACARS mode: 2 Aircraft reg: .9V-SMS
Message label: A4 Block id: E [Uplink]
Message content:-
/BOMCDYA.FS1/FSM 1948 231021 VAAH
SQ0324 TIS REJECTED
ATIS INFORMATION NOT AVAILABLE2ADD
/MAACAYA.AT1.9V-SMM20C8C11D55A7CD8C1477C09B5E
FANS-1/A CPDLC Message:
CPDLC Uplink Message:
Header:
Msg ID: 1
Timestamp: 18:12:04
Message data:
CONTACT [icaounitname] [frequency]
Facility designation: VOMF
Facility function: center
VHF: 126.150 MHz
.HDQOVVN 211826
AGM
FI VN430/AN VN-A619
- ATTN: CREW OF HVN430
TAF RKSI 211700Z 2118/2224 05006KT CAVOK TN07/2121Z TX19/2205Z TN12/2221Z
BECMG 2123/2201 15007KT 9999 SCT025
BECMG 2203/2205 21010KT CAVOK
/RPHIAYA.AT1.9V-SGF23C968E82BD3950CF2F8
FANS-1/A CPDLC Message:
CPDLC Uplink Message:
Header:
Msg ID: 7
Timestamp: 18:22:35
Message data:
NEXT DATA AUTHORITY [icaofacilitydesignation]
Facility designation: WSJC
Parsed:
ACARS:
Reassembly: skipped
Reg: .9V-SCJ
Mode: 2 Label: A6 Blk id: Y More: 0 Ack: !
Message:
/KULCAYA.ADS.9V-SCJ080612FF130064003E140A286479
ADS-C message:
Event contract request:
Contract number: 6
Report when vertical speed is: <64 ft/min
Report when altitude out of range: 248-400 ft
Report waypoint changes
Report when lateral deviation exceeds: 5.000 nm
Decoding
HFDL
Downlink GndId: 06 AirId: 255 FlightId: CES286
Modem frequency filter OFF
PROCITEC


fldigi ver4.1.18 - WWW.KLINGENFUSS.ORG
MWEA48 XSG
48H MARINE WEATHER FORECAST
Init : 103000UTC 2023
Valid : 110100UTC 2023
8.790 MHz
T+36 Valid 311200UTC Nov 2023
T+48 Valid 010000UTC Nov 2023
NATIONAL METEOROLOGICAL CENTRE,CMA
VIA SHANGHAI COAST RADIO STATION
wefax_20231030_012039_14070000_gui
WEFAX576


go2MONITOR
---- Decoding start: PACTOR I FEC [2023-10-21T19:16:24.028Z]
CQ CQ CQ DE PWZ-33 Z Z
WEATHER AND SEA BULLETIN ISSUED
21/OCT/2023 - 1200Z
DATE AND TIME UTC
PRESSURE HPA
WINDS BEAUFORT SCALE
WAVES HEIGHT METER
PART ONE WARNINGS
WARNING NR 732/2023
NEAR GALE WARNING
ISSUED 21/OCT/2023
COASTAL AREA
LAGUNA/SC TO 150 NM OFFSHORE STT
211800. WIND NE 7 WITH GUSTS.
VALID UN TWO - WEATHER ANALYSIS AT 211200
HIGH 1026 40S043W. Q-STNR FRONT 10S015W,
07S024W, 10S038W AND 06S051W
CONVERGENCE ZONE (ITCZ) 05N013W,
02N026W, 03N034W AND T THREE - WEAT HER FCST VALID FM
220000 TO 230000
AREA ALFA (FM CHUÍ TO LAGUNA)
AREA ALFA (FM CHUÍ TO LAGUNA)
OCHWRS AND ISOL THUNDERSTORMS
W OF 048W. WIND NE 4/5, WITH GUSTS 7 NEAR
THE COAST. WAVES FM NE NEAR THE COAST
AND AREA BRAA TO ARRCABO OCEANIC)
WIND SE/NE 3/4 BACK E/NE 3/5. WAVES FM S/
SE 1.5/2.0 BECMG SE/NE 1.0/1.5. VIS GOOD.
AREA (FM LAGUNA TO ARRAIAL DO
CABO SHORE)
ISOL SHWRS. WIND SE/NE 2/3 BECMG 3/4,
WITH GUSTS S OF 27 FM S/SE 1.0/1.5RS.
AREA DELTA (FM ARRAIRAVELAS)WRS. WIND S/E 2/4. WAVES FM SW/SE,
1.0/2.0 BECMG 1.0/1.5. VIS MOD DURING
SHWRS.
AREA ECHO (FM CARAVELAS TO SALVADOR)
ISOL SHWRS. WIND SE/E 3/4. WAVES FM1.5 NEAR THE COAST AND SW/SE 1.5/2.5
BECLSE. VIS MOD DURING SHWR(FM SALVADOR TO NATAL)
ISOL SHWRS NEAR THE COAST
WAVES FM SW/SE, NEAR THE COAST
AND 1.5/2.0 ELSE. VIS MOD DURING SHWRS.
AREA GOLF (FM NATAL TO SÃO LUÍS)
WIND SE/NE 4/5, WITH GUSTS NEAR THVES F1.0/2.0. VIS GOOM SÃO LUÍS
WIND SE/NE 3/5. WAVES FM E/NE 0.
PACTOR I FEC
UT2023- sorted by Freq.
12704,5 JFX Kagoshima F R JAP CW
12706,2 CTA PN Lisbon POR DIG STANAG 4285
12711,0 PWZ BN Rio de Janeiro BRA DIG PACTOR-FEC
12706.2 3.000 kHz NATO Lisbon USB DIG STANAG 4285 POR CTA KLINGENFUSS UT DATABASE 2023 IMPORT
12.7110 MHz 3.000 kHz BN Rio de Janeiro USB DIG PACTOR I FEC BRA PWZ KLINGENFUSS UT DATABASE 2023 IMPORT
12.7148 MHz 3.000 kHz NATO digital data sta USB DIG STANAG 4285 KLINGENFUSS UT DATABASE 2023 IMPORT
PROCITEC®