

NEWSLETTER 1/95

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Hi there. Back from my DX holiday in Northern Jutland I would like to wish you all a happy new year from Cologne. Thanks to all of you who sent cards. Again I have to apologize that this NL will be late, but I found a massive heap of paper on my writing desk in the Institute and lots of stuff (to say the least) in my E-mail box. Let's start:

NON DIRECTIONAL BEACONS

295	2158	LH	Ludvika	S	id	mo76
310	1851	VA	Amal v12 ?	LBY	2id	rkDK
316	0418	RE	Reykjaneskoli	ISL	id	rkDK
323	0034	UWP	Argentia, NFLD	CAN	id+dash	rkDK
330	2001	OB	Bratislava/Ivanka	SVK	id	mo76
330	2051	SB	Soenderborg	DNK	id	mo76
330.5	1959	HR	Unionoil Heather A	IWA	id	mo76
330a	0018	KQ	Unid	???	id slow speed	rk50
333a	0021	VI	Unid	???	2ids	rk50
340	2100	ISA	Treviso/St. Angelo	I	id	mo76
341	0835	BO	Benson RAF	G	5s + ID	pcG
343.5	2258	ANY	Andoya	NOR	id	rkDK
344	0831	OLD	Oldham	G	5s + ID	pcG
345	2247	SUS	Kauhava/Susi	FNL	id	mo76
346.5	2222	BMN	Bremen	D	id	mo76
351	2156	POM	Naples/Pomigliano	I	id	mo76
351	2207	CST	Costix & Obelix	E	id	mo76
351a	1526	LUB	Unid	???	id	mo76
352	0812	WOD	Woodley	G	5s + ID	pcG
355	2243	J	Varkaus	FNL	id	mo76
361	2250	RO	Kauhava	FNL	id	mo76
362	2331	JAN	Jan Mayen	JMY	id	rkDK
368	1522	BYC	Bckeberg	D	id+dash	mo76
372	0658	OZN	Prins Christiansund	GRL	id	rkDK
373	0752	SDI	St Dizier	F	5s tone + ID	pcG
373	2157	KEM	Kemi	FNL	5s + ID	pcG
374	0750	NW	Maastricht	HOL	3s + ID	pcG
375	0246	VM	Vestmannaeyar	ISL	id+dash	rkDK
375	2154	VM	Vestmannaeyar	ISL	3s + ID	pcG
376	1322	HAN	Hahn	D	id	mo76
376	2155	WP	Weep/Amsterdam	HOL	3s + ID	pcG
379	2150	REK	Reksten	NOR	3s + ID	pcG
380	2218	GPZ	Dresden/Gompitz	D	id	mo76
383	0829	ALD	Alderney CI	G	5s + ID	pcG
383.5	2236	RMP	Rocca Imperiale	I	id	mo76
384	1500	DLE	Leine	D	id	hb31
397	0003	CE	Claymore A	IWA	id	rkDK
400.5	2245	COD	Codogno	I	id	rk50
403	2115	KEK	Kerkyra	GRC	id	mo76
404	2118	CNE	Caen	F	16s tone + ID	pcG
404	2119	DA	Dalen/Torp	NOR	4s + ID	pcG
404	2125	LW	Luxembourg	LUX	ID	pcG
405	1055	GRW	Grafenw"hr	D	id	mo76
405	2121	AV	Gothenburg/Save	S	cont ID	pcG
407	0758	GAR	Dublin	IRL	2s + ID	pcG
409	2129	DGO	San Domingo	E	2s + ID	pcG

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409	2130	SG	Satenaes	S	cont ID	pcG
410	2131	C	La Coruna	E	10s + ID	pcG
410	2135	RF	Erfurt	D	4s + ID	pcG
411.5	2132	AS	Angers/Avrille	F	16s + ID not Aarhus	pcG
412	2120	GRN	Gerona	E	id	mo76
412	2120	SIG	Catania/Sigonella	I	id	mo76
417	0801	FY	Finningley RAF	G	5s + ID	pcG
418	2140	BLN	Bailen	E	3s + ID	pcG
423	1317	GMH	Germinghausen	D	id reactivated ?	mo76
426	2224	BC	Bacau	ROU	id	mo76
426	2230	PW	Prestwick	G	id	rk50
434	0810	THN	Thorn	HOL	cont ID	pcG
434	2130	SK	Leipzig/Halle	D	id	mo76
478a	1552	™A	Unid	???	id	mo76
480	2117	VIB	Viterbo	I	id	mo76
1685	0451	MER(E)	Mercaderes	COL	id	rkDK

M A R I T I M E

1674	1742	LGV	Vard" R.	NOR	E wkg EVMK	rkDK
1755	2040		Palma R.	E	E wx	hb31
1758	1735		Star Seven R.	???	E wx for Faroe Islands	rkDK
any infos on that station????						
2182	0543		Brixham CGR.	G	E radiocheck Portland	hb31
2182	0543		Portland CGR.	G	E radiocheck Brixham	hb31
2182	0653	MNVK2	UNID pse help	IWA	wkg Cullercoats R.	ai47
2182	0739	VCP	St. Lawrence CGR.	CAN	E all ships qsy 2598	hb31
2182	0808		Aberdeen CGR.	G	E r/c Fourth CGR.	rkDK
2182	0808		Fourth CGR.	G	E r/c Aberdeen CGR.	rkDK
2182	0903		IJmuiden Rescue	HOL	E pan msg cf. Alfried Krupp	rkDK
2182	1045		Clyde CGR.	G	E r/c Islay Lb.	rkDK
2182	1045		Islay Lifeboat	IWA	E r/c Clyde CGR.	rkDK
2182	1118		Platform Piper B	IWA	E wkg Wick	rkDK
2182	1135		Ballycotton Lifeboat	IWA	E r/c Swansea CGR.	rkDK
2182	1135		Swansea CGR.	G	E r/c Ballycotton Lb.	rkDK
2182	1637	GFRZ	UNID pse help	IWA	wkg Humber R.	ai47
2182	1639	GPUI	Challenger pse help	IWA	r/c Lands End	ai47
2182	1659	ZHWF7	Veesea Topas	IWA	wkg Humber R.	ai47
2182	1720	MCRF2	Exmouth Lifeboat	IWA	wkg Niton R.	ai47
2182	1804		Grampian Haven	IWA	wkg Northforeland	ai47
2182	1805	MMWJ6	Britannia Chieftain	IWA	wkg Humber R.	ai47
2182	1822	MNFV9	Seaboard Skua	IWA	wkg Wick R.	ai47
2182	1825	9HXK2	MV Unid	IWA	E clg Bombay R.	rkDK
2182	1847		MV Far Service	IWA	E clg Far Scout	hb31
2182	1853		Newcastle Lifeboat	IWA	E r/c Portpatrick	rkDK
2182	1858	GJWT	UNID pse help	IWA	wkg Wick R.	ai47
2182	1905	LART4	MV Linito	IWA	E "we are capsizing...abandoning	rkDK
ship....."						
2182	1908	MKEU	Forties Charlie plf	IWA	r/c Stonehaven R.	ai47
2182	1922		IJmuiden Rescue	HOL	E mayday relay cf. Linito	rkDK
2182	2014		Clogher Head Lfb	IWA	r/c Portpatrick R.	ai47
2182	2016	GYZW	Seaboard Integrity	IWA	wkg Wick R.	ai47
2182	2027	MLLR9	Britannia Challenger	IWA	wkg Humber R.	ai47
2182	2040		Grampian Orcades	IWA	wkg Wick R.	ai47
2182	2042		Ocean Dawn pse help	IWA	wkg Wick R.	ai47
2182	2100	DD8080	BAPT Kiel	D	G wkg Rgen	rkDK
BAPT is the Federal office for Post and Telecommunications. I heard by oral tradition that Kiel Radio will be taken over by Rgen Radio as a relay only.						
2182	2109	GQUX	Britannia Harvester	IWA	wkg Humber R.	ai47
2182	2110	GDJX	Grampian Otter	IWA	wkg Wick R.	ai47
2182	2111		Platform Maureen A	IWA	E anns radio silence	rkDK
2182	2123	LCNL	Skandi Hawk	IWA	wkg Stonehaven R.	ai47
2182	2237		Platform NW Hutton	IWA	E wkg MV Loch...	rkDK
2182	2336	CUG	Sao Miguel R.	AZR	E/P anns wx	rk50
2231	0906		Tyne/Tees CGR.	G	E wkg ship, request. posn.	rkDK
4302	2259	A9M	Bahrain Radio	BHR	"de a9m" mkr	pcG
4314	2247	LZW	Varna Radio	BUL	"de lzw" mkr	pcG
4317	2245	ZSC	Capetown Radio	AFS	cq mkr	pcG

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6647	0805	GYHJ	HMS Cattistock	IWA	c1g MAFF-Base	ai47
6647	1026	GBPC	HMS Bicester	IWA	wkg MAFF-Base	ai47
8445	1436	A4M	Muscat R.	OMA	cw-de	ai47
8471.5	1744	SUP	Port Said Radio	EGY	v/cq mkr	pcG
8473	0908	PKE	Amboina Radio	INS	cq mkr	pcG
8473x	1750	JYO	Aqaba Radio	JOR	cq mkr	pcG
8475	1753	FUX	Le Port FN	REU	v mkr	pcG
8478.5	1757	FUF	Ft de France FN	MRT	v mkr	pcG
8479	0903	JCU	Choshi Radio	J	v mkr	pcG
8480	1759	HZY	Ras Tanura Radio	ARS	cq.."tfc list coming next"	pcG
8490	2300	AQP5	Karachi PN	PAK	v mkr	pcG
8492	2302	PPR	Rio de Janerio R	B	cq mkr/qtc list	pcG
8511	2305	XSW2	Taichung Radio	TWN	cq mkr/also 0845 strong	pcG
8520	0845	PPO	Olinda Radio	B	v mkr	pcG
8520	1737	UFB	Odessa Radio	UKR	tfc to ships	pcG
8521	2310	VIP	Perth Radio	AUS	v mkr	pcG
8542	2317	PKX	Jakarta Radio	INS	cq mkr	pcG
8546	2319	OBC3	Callao Radio	PRU	"de obc3.." manual calls	pcG
8557	1726	SPE41	Szceczin Radio	POL	de spe41/81...	pcG
8572	0834	TBA7	Ankara TN	TUR	"vvv tbdj de tba6/7" mkr	pcG
8580	2314	URL	Sevastopol Radio	UKR	cq mkr	pcG
8611.5	2305	TAH	Istanbul Radio	TUR	qtc list	pcG
8662	1711	TAH	Istanbul Radio	TUR	qtc list	pcG
8686	1445	HSA2	Bangkok Radio	THA	cq mkr	pcG
8686	1700	CNP	Casablanca Radio	MRC	cq mkr	pcG
8688.5	2257	ZSC6	Capetown Radio	AFS	cq mkr	pcG
8694	2330	D3E52	Luanda Radio	AGL	cq mkr	pcG
8706	1334	PKC	Palembang R.	INS	cw-cq	ai47
12682,5	1139	PKE	Amboina R.	INS	cw-cq	ai47
12710	1216	EDR5	UNID	E?	cw-vvv	ai47
17239,7	1050	PKD	Surabaya R.	INS	cw-cq	ai47
17240	1421	PKX	Jakarta R.	INS	cw-cq	ai47

A E R O N A U T I C A L

5680	1506		Stockholm Rescue	S	wkg Q-99	ai47
11270,5	1212	DHN66	NATO Geilenkirchen	D	wkg Magic 52	ai47

F I X E D B A N D S

9106	2336		RRS James Clark Ross	IWA	E wkg Faraday	rkDK
10894	1530	RCV	RUS Ny Moscow	RUS	cw-wkg navy RKZR	msNL
14383,5	1540	NNN0ICK	MARS Merrimac,NH	USA	wkg NNN0CYL	ai47
14402	1240	AAR20G	MARS UNID	USA	id	ai47
14402	1256	AAR3USH	MARS UNID	USA	id	ai47
14402	1411	AAT3USI	MARS UNID	?	wkg AAR1HG	ai47
14402	1638	AAR1HG	MARS UNID	USA	wkg AAT3US_	ai47
14441,5	1832	NNN0CYC	USS Shennandoah	IWA	wkg NNN0FMN	ai47
14470	1234	NNN0CFI	USS Guntston Hall	IWA	wkg NNN0NIG	ai47
14470	1244	NNN0CRB	USS Detroit	IWA	wkg NNN0NIG	ai47
14470	1545	NNN0FLH	MARS Jacksonville,FL	USA	wkg NNN0FMN	ai47
14470	1546	NNN0FMN	MARS Omaha,NE	USA	wkg NNN0FLH	ai47
14470	1635	NNN0YNR	MARS Milford,MI	USA	wkg NNN0NIU	ai47
14477	1615	NNN0NIU	MARS Jacksonville,FL	USA	wkg NNN0CYL	ai47
14510	1624	AAR3CB	MARS Shohola,PA	USA	wkg AAT3USD	ai47
14510	1624	AAT3USD	MARS UNID	?	wkg AAR3CB	ai47

R A D I O T E L E T Y P E R S

3312.5	2200		MOD Paris	F	to Sarajev,Bihac ARQ-M2 200 msNL	
ch A:	rffvay	(=to FF Sarajevo)	de rffbbyz	(= FF Bihac and Zagreb)	and on ch B	
flight info.	Flight info	also from RFFTA	(= Savigny, France)	to RFFVAY		
3832.6	1538	RFFVA	MOD Paris	F	to RFFVAY SarajevARQ-M2 200 msNL	
4944	0900	??	UNID??	???	ARQE/85.7/400 idle-crypto	pcG
5070	0921	OMZ	Prague Diplo	TCH	ITA2/100/400 czech news?	pcG
5140	2150	RWW73	Moscow MET	RUS	ITA2/50/850 wx groups	pcG
5240	1714	40C2	Belgrade TANJUG	SRB	ITA2/50/400 EE news	pcG
5474	2128	CSY	Santa Maria AERO	AZR	ITA2/50/850 "de csy ryry"	pcG

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5763	1756	??	?? DIPLO??	???	ITA2/75/400	5ltr grps-off	pcG
5773.2	0927	HBD20	Berne DIPLO	SUI	SITOR/A	GG/FF news?	pcG
5846	1804	??	??DIPLO??	???	ITA2/75/400	5ltr grps	pcG
6452.4	1517		R Ny Northwood	G	wx GB/IRL		FAX msNL
7423	1743	5YD	Nairobi AERO	KEN	ITA2/50/170	"de 5yd ryry"	pcG
7510	1611	HZN	Jeddah METEO	ARS	ITA2/100/850	wx groups	pcG
7586	2155	RFVHT	Mayotte	COM	ARQE/96/400	"TTT" to le port	pcG
7658	1727	YZD	Belgrade TANJUG	SRB	ITA2/50/400	EE news	pcG
7834.7	2128	5ST?	Tananarive AERO?	MDG	ARQE3/48/200	idle nil tfc	pcG
7946	2150	RFLI	Le Port	REU	ARQE/96/400	"ITT" to mayotte	pcG
7959	2114	9BC23	Tehran IRNA	IRN	ITA2/50/400	EE news	pcG
8020	1758	HMF85	KCNA Pyongyang	KRE	ry, E-nx		50 ai47
8049	2022	9BC25	Tehran IRNA	IRN	ITA2/50/400	EE news	pcG
8432	1730	URH	Riga Radio	LAT	SITOR/A/B	ryry foxes test	pcG
9318	1506	NRK	US Ny Keflavik	ISL	wx		FAX msNL
9994	1145	CSY	Santa Maria AERO	AZR	ITA2/50/850	"de csy ryry"	pcG
10364	2150	RFTJD	Libreville	GAB	ARQE3/48/850	"JDF" to P.bouet	pcG
10600	1418	XVN37	VNA Hanoi	VTN	E-nx		50 ai47
10873.7	2133	RFVI	Le Port	REU	ARQE3/100/400	idle	pcG
10917.7	1733	RFTJ	Dakar	SEN	ARQE3/48/400	"TJF" long msg	pcG
10991.9	1445	RFFVAY	FF Sarajevo	BSH	flight msgs	ARQ-M2 200	msNL
telegrams on ch B (FKWB): DE RFFVAY, message about arrival of UN aircraft							
11030	1607	AXM34	Melbourne Meteo	AUS	wx		FAX msNL
11063	1052	LZU2	Sofia	BUL	ITA2/50/400	cont wx groups	pcG
11453	1058	IMB3	Rome MET	I	ITA2/50/850	met nsgs	pcG
11541.7	1100	RFLI	Ft de France	MRT	ARQE3/96/400	"LIH" c d voie	pcG
11623	1234		USAF Homestead, FL	USA	polar proj. chart		FAX msNL
12131.5	1405		PIAB Bonn	D	G nx	FEC-A 96	msNL
12610.5	1405	VCT	Tors Cove R.,NFLD	CAN	tfc lst, nx,14.03	cw SIT-B	msNL
12615	1627	USU	Mauripol Radio	UKR	SITOR/A	cw/tlx mkr	pcG
12947	1620	UFB	Odessa Radio	UKR	ITA2/50/170	msgs	pcG
13414.4	0918	EAE220	MFA Madrid	E	crypto	TWINPLEX 200	msNL
13430.7	1339		FF Dhahran	ARS	frm RFFVAE	ARQ-M2 200	msNL
13545	0937	PCW1	MFA Den Haag	HOL	Persspiegel	TWINPLEX	msNL
13545.2	0930	PCW1	MFA Den Haag	HOL	to Harare	TWINPLEX	msNL
13546.1	1430		POL Emb Ankara	TUR	to Warsaw	POL-ARQ	msNL
14465	1700	NJMQ	?? USN	???	AX25/PACKET	"ncyc njmq"	pcG
14560.5	1024	JYF2	Amman PETRA	JOR	ITA2/50/400	AA press?	pcG
14760	1036	CNM61	Rabat MAP	MRC	ITA2/50/400	FF press	pcG
15961.7	1612	RFLI	Ft de France	MRT	ARQE3/192/400	"BFL" c d voie	pcG
16036	1026	"DOR"	MFA Sofia	BUL	BTA nx in BUL		150 msNL
16087.7	1610	RFVI	Le Port	REU	ARQE3/100/400	"REI" to paris	pcG
16193.2	1037		FF Djibouti	DJI	coded de RFQPA	ARQ-M2	msNL
16193.2	1542	RFQP	Djibouti	DJI	ARQ342/200/400/2ch	"QRG/QPF"	pcG
16207.5	1028		Unid	???	5 lgps	SIT-A	msNL
16222	1033		Russian stns	???	two russian stations,	mentioning	
Zurich often, pres. one of them was vassily located in Zurich at the time. Also mentioned: Mr. A. Tchernossov, ICAO locators LYLN (YUG) and UNNI (RUS), ODEL, IKA EL telex nr., Santa Cruz, kapitan...							
16222.9	1302		POL Emb Tel Aviv	ISR	to Warsaw	POL-ARQ	msNL
18173.5	1051	STK	Khartoum AERO	SDN	ITA2/50/400	"de stk ryry"	pcG
18316.8	1500		EGY Emb Algiers	ALG	arabic teleg.	SIT-A	msNL

rkDK is your editor on his trip to the west coast of Northern Jutland.

- a: any help on my underlined UNID's is very much appreciated. TNX!
- b: The vessel 'Britannia Beaver' - MNEV2 belongs not to Suffolk Marine. Anyone who can help?
- c: AAR3USH is not Fort Lees - see Info! (ai47)

Q S L - R E V I E W

AIR-a/c Ethiopian	7724	50	ppc	11300	ET-AKE	125 w	ai47
AIR-a/c Northwest	53	42	ppe,l,i	8891	NW 53	100 w	ai47
AIR-Swed Res-Heli Ronneby	156		ppc	5680	Q-92		ai47
AIR-TransAlp Aviation		21	l,i	8930	I-IGNO		ai47
ALG-Alger Aero		22	ppc,l,i	8894		1000 w	ai47
BEL-MV Ferry Prins Filip		8	C,PPC/RP	2182	ORAF		hb31

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BRB-NDB Adams	23	ppc	345	BGI	1000	w	aiGD
CYM-NDB Cayman Brac Isl.	39	ppc,comp-cd	415	CBC	1000	w	aiGD
D -NDB Mengen	6	PPC/RP	401	"MEG"			hb31
D -NDB Stuttgart	31	PPC/RP	306	"SG"			hb31
EGY-Cairo Aero	49	ppc,l	11300	SUC	5000	w	ai47
EST-NDB Viljandi	25	C,PPC/\$	930	"SW"			hb31
F -NDB Auch-Lamothe	210	PPC/RP	420	"LMT"			hb31
F -NDB Perpignan	14	PPC/RP	351	"PL"			hb31
G -Brixham CG	42	ppc,l	2182		250	w	ai47
G -RAF MRT Leeming	9	ppc,l	5680	Alpine 24	16	w	ai47
G -RAF MRT St. Athan	17	letter	5680	Alpine 95			ai47
GDL-NDB Grand Bourg	38	ppc,ham-cd	376	MG	25	w	aiGD
GDL-NDB Pointe- -Pitre	38	ppc,ham-cd	300	PPR	100	w	aiGD
GDL-NDB Pointe- -Pitre	38	ppc,ham-cd	402	AR	25	w	aiGD
GRC-Diagoras Air	32	L,PPC/RP	5637				hb31
GRC-Dimokritos Air	25	L,PPC/RP	5637				hb31
GRC-Kapodistrias Aero	54	ppc	5637	LGKR	200	w	ai47
GRC-Makedonias Air	20	PPC/RP	5637				hb31
GUY-NDB Timehri Int'l	97	l,vc	356	TIM	2000	w	aiGD
ISL-LORAN Sandur	26	ppc,l	7512.5	TFR	100	w	ai47
IWA-Britannia Challenger	16	ppc,i	2182	MLLR9	250	w	aiGD
IWA-Dea Supporter	17	ppc,i	2182	MNLW3	450	w	ai47
IWA-Exmouth Lifeboat	30	ppc,fo,i	2182	MCRE3	250	w	ai47
IWA-GNys Cuxhaven	14	ppc	3116	DREQ	100	w	ai47
IWA-GNys K"ln	26	ppc,vc	8335.5	DRAU	1000	w	ai47
IWA-GNys Lachs	13	ppc,fo	3116	DRIG	100	w	ai47
IWA-GNys Medusa	16	ppc,fo	3116	DRGL	100	w	ai47
IWA-GNys M"lders	18	ppc,l,vc,st	8335.5	DRAF	1000	w	ai47
IWA-GNys Mosel	11	ppc	3116	DRHK	1000	w	ai47
IWA-GNys Paderborn	13	ppc,band	3116	DREB			ai47
IWA-GNys Pegnitz	42	ppc	6779	DRFT	100	w	ai47
IWA-GNys Rh"n	30	ppc	3116	DRKM			ai47
IWA-GNys Schlei	10	ppc	3116	DRIM	100	w	ai47
IWA-GNys Schleswig	5	ppc,sti	5680	DREA	100	w	ai47
IWA-GNys U-14	16	ppc,fo,l	3116	DRDH	100	w	ai47
IWA-GNys U-17	2	ppc	3116	DRDK			ai47
IWA-GNys U-23	26	ppc	3116	DRDQ	100	w	ai47
IWA-GNys U-24	12	ppc	3116	DRDR	100	w	ai47
IWA-GNys U-26	19	ppc	3116	DRDT			ai47
IWA-GNys ŝberherrn	45	ppc	3116	DRFS			ai47
IWA-HMS Bicester	31	ppc,fo	6647	GBPC	80	w	ai47
IWA-HMS Cattistock	20	ppc	6647	GYHJ	50	w	ai47
IWA-HMS Exeter	53	ppc	12299	GVUJ	600	w	ai47
IWA-HMS Glasgow	44	ppc	8240	GQIJ	600	w	ai47
IWA-MV Konstanz	19	PPC/RP	5680	DRED			hb31
IWA-Rig Cecil Provine	28	PPC/RP	2182	WLNW			hb31
IWA-Seaboard Intrepid	34	ppc,l,fo	2182	GYNR			ai47
IWA-Seaway Harrier	29	ppc,l,fo	2105	MREL3	150	w	ai47
IWA-USS Kidd	56	vc w/ veri	14477	NNN0CYL	600	w	ai47
IWA-USS Robert G. Bradley	42	l,fo,i fup	14477	NNN0CMI			aiGD
PTR-NDB Dorado, San Juan	56	ppc,l,i	391	DDP	3000	w	aiGD
SVK-NDB Piestany	23	PPC/IRC	453	"CN"			hb31
TRD-NDB Piarco	24	ppc	382	POS	1000	w	aiGD
TUR-Tophane Kulesi R.	25	PPC/RP	8442	TCR			hb31
UKR-Izmail R.	25	C,PPC/-	8586	USO			hb31
USA-MARS Camp Lejeune,NC	14	ppc	14470	NNN0MCL	400	w	ai47
USA-NDB Wilmington,NC	43	ppc	216	CLB	1600	w	aiGD
VTN-VNA Hanoi	51	l,vc	10600	XVN37	20000	w	ai47

ADDRESSES & VERIESIGNERS

NDB Cayman Brac Island: Director of Civil Aviation, P.O. Box 277,
Grand Cayman, Cayman Islands, B.W.I.

NDB's Guadeloupe: Francis Barroux, P.O. Box 205, 97139 Abymes,
French West Indies (FG5FI)

NDB Wilmington,NC: FAA/Airway Facilities SFU, 2220 East Ramp Road,
Wilmington, NC 284050, USA

NDB Dorado: FAA/Airway Facilities Sector, 5000 Carr. 190,

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NDB Timehri Int'l
USS Robert G. Bradley
USS Kidd
VNA Hanoi:

Carolina, PR 00979-7423, USA
Civil Aviation Department, Oranapai Towers,
Wight's Lane, Kingston, Georgetown, GUYANA
FPO AA 34090-1503
FPO AE 09576-1265
v/s Mr. Dam Hieu Dzung, Deputy Director (all by ai47)

I N F O S

My report for AAR 3 USH came back with the information that Ft. Lees has no longer a MARS station and have not had one for 2 years. The MARS equipment was disconnected and transferred off the post. The Director Information Management, Mr. Alfreda B. McMurren, has no idea where it is now located. Any info ???

Anyone who has the new address for USCG Boston? The '900 Ferry Street, Marshfield, MA 02050-1800' is not longer valid. RR came back.

One bit from this year's Antarctic season: The ANARE stations (Davis, Casey, Mawson and McQuarie), who had those funny voicemirrors in the past now handle 99% of all traffic via their ANARESAT satellite link. Only long-range helicopter flights are via HF and they are very rare. The freqs used are mainly 6610 and 5400. Within the environs of the bases they use marine channel 7 in a repeater mode. Sometimes they have an HF sked with their resupply ship and this is mainly SITOR or USB on the usual marine HF channels. They use 2 500 watts DANSK transmitters and a series of Rhombics and Vee Beams. Receivers are Rohde and Schwartz (Eddie de Young VI0ANT via INTERNET, interviewed by ed.).

FRENCH DOMESTIC LOG - JANUARY - 1995

4538	ARQE3/100/400 idle - mornings	pcG
4810	ARQE3/100/400 idle - mornings	pcG
4818	ARQE3/100/400 idle - mornings	pcG
5210	ARQE3/100/400 idle - mornings	pcG
5732.5	ARQE/72/400 idle - all day - incl weekends - nil tfc	pcG
5792.5	ARQE3/100/400 idle - mornings	pcG
5816	ARQE3/100/400 idle - unsync - mornings	pcG
6976	ARQE/192/170 idle mornings - "EHQ" Ajaccio to Marseille	pcG
7614	ARQE/192/170 idle - mornings "EHR" Marseille to Ajaccio	pcG
7902	ARQE3/100/400 idle -weak - mornings	pcG

Let's come to our financial quiz, who and who has not (yet): The last months I got payment from: js33 (sorry, aber das mit der Spende ist eine riesige Idee, hi), tm47, hl71, zeTC, msNL, mmI, rp47, dp47, hs61, km40, vs88, bg48, ps50, hb31, ai47. I received another 16DM from a guy which I haven't identified yet. Will give the info next month. Still waiting for fd40, wk08, mm35, mo76, sw67, ht45, bg22. for 2/95 fs72, fgI are due.

Another problem: I will be on a field research trip to Zambia, Malawi and Tanzania from approx. 1st May to mid of September. So we need one or several guys who could manage the NL for the months of May, June, July and September (no issue in August as usual). Please give a notice to me if you feel capable to do the job. The NL is in its 10th year now and never missed a single issue.

Thanks to pcG, msNL, hb31, ai47, mo76... Not too many.

That's all for the month, will return now to my letters, books, seminar papers, skeds, reviews, bills.....

NEWSLETTER 2/95

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Deadline: 20th of the month

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Hi folks. Again my apologies for having typed the NL only in the last few days of February. But work and Karneval are extremely time consuming in the moment.

NON DIRECTIONAL BEACONS

285	2122	URB	Rome/Ciampino	I	id	nr76
301.5	2210	TRE	Treviso/Istrana	I	id	nr76
303.5	2210	OR	Punta de Llobregat Lt.	E	id+dash	nr76
304	0130	MTR	Frankfurt/Metro	D	id	nr76
311	2355	IP	Capo sandalo Lt.	I	id+dash	nr76
316	2115	TEA	Teano/Grazzanise	I	id	nr76
330	2315	CRS	Caransebes	ROU	id	nr76
337	2150	GRT	Gheriat	LBY	id	nr76
337	2150	RMG	Romagnano	I	id	nr76
338	2045	GU	Brest	F	14s tone + id	pcG
338	2055	OA	Jonkoping	S	cont id	pcG
338	2235	RIA	Santander	E	id	nr76
341	2042	POR	Pori	FNL	5s + id	pcG
342	0123	OA	Algiers	ALG	id+dash	nr76
342	2143	BLO	Bailovo	BUL	id+dash	nr76
344	2102	HEK	Hekka	FNL	5s + id	pcG
345	2104	WDT	Woensdrecht	HOL	4s + id	pcG
348	2306	SCL	Apt/Saint Christol	F	id+dash	nr76
348.5	2108	LG	Liege/Bierset	BEL	cont id	pcG
349.5	0200	SZA	Solenzara	F	id+dash	nr76
355	2112	ONW	Antwerp	BEL	11s + id	pcG
356	2110	RSY	Paris/Charles de Gaulle	ALF	10s + id	pcG
356.5	0115	OU	Ouargla ?	ALG	id+dash	nr76
360	2251	T	Unid	?	id	nr76
367	2235	BZ	not Biarritz !	?	id+dash	nr76
368	0128	BIR	Unid	?	id	nr76
377	2355	DZD	Unid	?	id	nr76
381	2129	AB	Akraberg	FAR	5s + id	pcG
383	2328	LAG	Rostock/Laage	D	id+dash	nr76
383.5	2133	GUL	Gulpen	HOL	cont id	pcG
385	2137	KV	Halli	FNL	5s + id	pcG
386	2135	LK	Tallin/Yulemiste	EST	5s + id	pcG
387	0206	JAB	Jablonka	POL	id	nr76
387	2145	VDL	Vardal	NOR	5s + id	pcG
390	0024	LV	Arvika	S	id	nr76
390	0027	SAG	Sajohidveg	HNG	id	nr76
394	0328	TW	Thisted	DNK	id	nr76
396	2113	RON	Ronchi dei Legionari	I	id	nr76
397	2315	ZR	Beziers/Vias	F	id+dash	nr76
398	2255	EAG	Unid	?	id	nr76
400	2130	BRZ	Rijeka/Breze	HRV	id	nr76
402	2348	CAR	Capo Carbonara	I	id	nr76

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403	2222	OA	Joenkoeping	S	id	nr76
403x	1500	KB	??	??	cont id	pcG
404	0200	BMR	Baia Mare	ROU	id	nr76
409	1715	DGO	San Domingo	E	4s + id	pcG
409x	1708	BIL	?Bilbao?	E?	4s + id	pcG
413	2126	PP	Unid	?	id	nr76
415	0217	OL	Link"ping/Saab	S	id	nr76
419	0051	RD	Vaesteraas/Hasslo	S	id	nr76
421	2315	FN	Rome/Fiumicino	I	id	nr76
422	2330	UR	Jaromer	SVK	id	nr76
425	0016	KE	Kosice	SVK	id	nr76
426	2305	BC	Bacau	ROU	id	nr76
429	2240	D	Bratislava	SVK	id	nr76
430	0045	BUG	Bugac	HNG	id	nr76
438	0318	B	Bratislava	SVK	id	nr76
444	0311	TU	Unid	?	id+dash YUG format	nr76
448	2307	LQ	Landsberg	D	id+dash	nr76
449	2130	OKX	Frydlant	TCH	id + one dot	nr76
470	0116	BK	Unid	?	id+dash	nr76
474	2125	P	Unid	?	id	nr76
487	0050	IAS	Unid	?	id	nr76
489.5	0130	JEL	Jelsava	SVK	id+dash	nr76
496	2259	PA	Unid	?	id+dash	nr76
514	2248	SD	Unid	?	id+dash	nr76
514	2308	XU	Unid	?	id	nr76

M A R I T I M E

1641	2206	OXJ	Torshavn R.	FAR	gale warning	nr76
2182	1748	CNW	Tanger R.	MRC	qsy 1911	nr76
2182	2033	EAC	Tarifa R.	E	S/E anns nav warnings	nr76
2182	2236	LGV	Vardoe R.	NOR	tfc lst & relaying NRK nx	nr76
2182	2336	4XO	Haifa R.	ISR	qsy 2649	nr76
4000	0659	OED2	Donaufunk Vienna	AUT	G wkg "Greifenstein"	nr76
4277	2001	USO5	Izmail R	UKR	wkg uyte	pcG
4298	2201	PPO	Olinda R	B	v mkr	pcG
4315	2256	UGC	St. Petersburg R	RUS	manual tfc	pcG
4317	2205	ZSC	Capetown R	AFS	cq mkr	pcG
4340	2237	XSQ	Guangzhou R	CHN	cq mkr	pcG
4346	2200	CWA	Cerrito R	URG	cq mkr + qrm fm 9AR	pcG
6329.5	2102	VCT	Tors Cove R.	CAN	cw & sitor	nr76
6513	0206	VCS	Halifax CGR.	CAN	E wx	rk50
8433.5	2355	PPQ	Rio R. ?	B	cw-id & sitor	nr76
8471.5	1655	SUP	Port Said R	EGY	v/cq mkr	pcG
8476	1715	9VG56	Singapore R	SNG	cq mkr + freq info	pcG
8515	2126	5AT	Tripoli R	LYB	v/cq mkr	pcG
8520	2130	PPO	Olinda R	B	v mkr	pcG
8542	1650	PKX	Jakarta R	INS	cq mkr	pcG
8546	2315	OBC3	Callao R	PRU	manual tfc	pcG
8550	1959	PWN33	B Ny Rio ?	B	cq-cq	nr76
8570	1007	NRV	Guam USCG	GUM	cq mkr	pcG
8578.5x	2007	SUH	Alexandria R	EGY	v mkr	pcG
8601.4x	1800	ZLO	Waiouru RNZN	NZL	"de zlo..."mkr	pcG
8604.5	1734	DZJ	Manila-Bulacan R	PHL	cq mkr	pcG
8630	1615	URA2	??	??	"euie de ura2" tfc ??	pcG
8691	2113	XST	Qingdao/Tsingtau R.	CHN	cw-cq	nr76
8749	0203	LPB	Corrientes R.	ARG	S id, calling ship "...LW"	nr76
12660	0752	S7Q	Seychelles R.	SEY	cw-de	nr76
12660	0830	YIR	Basrah R.	IRQ	cw-cq	nr76
12693	1210	UGC	St. Petersburg R	RUS	cq mkr	pcG
12698	1730	ZSC9	Capetown R	AFS	cq mkr	pcG
12709	1718	A9M	Bahrain R	BHR	"de a9m" mkr	pcG
12710	0820	XSZ	Dalian R.	CHN	cw-cq	nr76
12724	1538	9VG57	Singapore R	SNG	cq mkr + freq info	pcG
12724	1630	ZSC43	Capetown R	AFS	cq mkr	pcG
12727	1217	HLJ	Seoul R	KOR	cq mkr	pcG
12729	1503	UVA	Gelendzhik R	UKR	cq mkr	pcG
12800	1518	HSA3	Bangkok R	THA	cq/qtc	pcG

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12857	1540	6WW	Dakar FN	SEN v mkr	pcG
17008.5	1017	TAH	Istanbul R	TUR manual tfc	pcG
17013	1015	5BA	Nicosia R	CYP cq + freq info	pcG

A E R O N A U T I C A L

5658	1959	Asmara Air	ERT E wkg Khartoum	nr76
5658	2047	Sanaa Air	YEM E clg Aden	nr76
5680	1023	Edinburgh RCC	G wkg	msNL
5680	1033	Plymouth RCC	G wkg Rescue 177	msNL
6586	1851	Ouagadougou Air	BFA E wkg Accra	nr76
6586	2005	Lome Air	TGO E wkg Accra	nr76
8861	1638	Nouadhibou Air	MTN E wkg Sa1	nr76
8942	1714	Singapore Air	SNG E wkg several a/c	msNL
8968	1523	USAF Lajes	AZR wkg USAF a/c, id 2 digits	msNL
8970	1530	KWT AF Kuwait	KWT wkg Kuwaiti 178	msNL
11175	0945	USAF Ascension	ASC wkg Reach 11T4, qsy 15016	msNL
11175	2153	USAF McDill	USA wkg Pulmotor	msNL
11176	2055	USAF Ascension	ASC E wkg a/c	nr76
11396	1413	Perth Air	AUS E wkg Speedbird a/c	nr76
11396	1513	Ujung Pandang Air	INS E wkg a/c 9921	nr76
11459.9	2030	USAF Andrews	USA wkg	msNL

phone patch from aircraft KC01 to Raymond 21 (I think TAC Myrtle Beach AFB, SC)
ETA changed from Oceana NAS to Norfolk NAS, time still 01.45z....

13200	1348	USAF Trondheim/Vaernes	NOR wkg	msNL
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phone patches, aircraft carried cargo from EGUN (Mildenhall) to ENVA (Trondheim/Vaernes), where they cannot download 3 of the pallets to the ground because there is no K-loader...

15016	0946	USAF Ascension	ASC wkg Reach 11T4	msNL
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F I X E D B A N D S /PHONE,CW

5800	2344	BAS Faraday	ANT wkg "Sky High" qsy de 9106	cw34
5803	1200	FDE2	?? FAF	pcG
9992	0705	Unid	??? E wkg	rk50

Three stations participated, English was used (British and US accent). They were talking about a crane to be delivered. Tfc was in simplex USB.

15912	0918	"37"	IRL Army UNIFIL Naqura LBN calling "0" Dublin	msNL
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D I G I T A L

4630.5	0845	MKK	London DCN	G PICC/6 "muh de mkk pls.."	pcG
4798	1015	??	??unid	?? ARQE/85.7/170 cont idle	pcG
4836.5	0920	??	?? unid	?? ARQE/85.7.400 idle	pcG
5083	1450	DHJ51	Grenge1 meteo	D ITA2/100/400 cont meteo	pcG
5262.82	1457	BRVHF	Bonn (ch 1)	D ARQE/96/85 msg ex.5476.32	pcG
5264.52	1501	THVHF	Bonn (ch 6)	D ARQE/96/85 qv1 ex.5478.02	pcG
5265.20	1503	GOVHF	Bonn (ch 8)	D ARQE/72/85 qv1 ex.5478.70	pcG
5757	1330	HBD60	Paris Swiss emb	F SITOR/A cfm msg to Berne	pcG
5771.9x	1734	??	?? Pol diplo	?? POL/ARQ/100/235 5fig gps	pcG
5843.5	11300	??	?? DCN	?? PICC/6 idle	pcG
7596	1713	5UA	Niamey aero	NGR ARQ342/96/400/2ch "nua35"	pcG
7685	1048	RBV75	Moscow meteo	RUS ITA2/50/850 cont wx gps	pcG
7842.5	1055	CNM20	Rabat MAP	MRC ITA2/50/400 ff press	pcG
7896.7	1058	RFLI	Ft.de France	MRT ARQE3/96/400 to Papeete	pcG
7937.5	1100	GXQ	London DCN	G PICC/6 "de gxq..all 5555	pcG
7968	1132	MUH	?? DCN	?? PICC/6 "de muh" + op chat	pcG
8050.2	2116	RFQP	Djibouti	DJI ARQ342/200/400/2ch	pcG
8108.2	1950	RFQP	Djibouti	DJI ARQ342/200/400/2ch	pcG
8430	1820	9VT	Singapore R	SNG SITOR/A cw/tlx mkr	pcG
8431.5	1817	UAT	Moscow R	RUS SITOR/A wkg uzpq	pcG
8432	1730	UDH	Riga R	LAT SITOR/A/B ryry/fox tests	pcG
9265.5	2119			PICC/6 2ch idle/crypt	pcG
10837.7	1832	RFVI	Le Port	REU ARQE3/100/400 c.d.v. msg	pcG
11467	0835		MFA warsaw	POL POL nx	75 msNL
12140	1003		F Ny Paris	F 753Hz shift rys	75 msNL
13848.5	1335		French UNF Naqura	LBN telex de RFFXL	72 msNL
13954.4	1028	HBD36	SUI Emb Helsinki	FNL to MFA SIT A	msNL

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14368.5	1510	VHC	Canberra RAAF/RAAN	AUS	PICCGfh de vhc for resync	pcG
14458.5	1515		PIAB Bonn	D	end of G nx FEC A 96	msNL
14718.3	0930		FF Noumea	NCL	idling ARQ E3 100	msNL
14760	1055	CNM61	Rabat MAP	MRC	ITA2/50/400 ff news	pcG
14901.6	1359		MFA Cairo	EGY	clg SELCAL bpvxSIT A	msNL
16087.7	1534	RFVI	Le Port	REU	ARQE3/100/400 to Paris	pcG
16226.5	1533	RFFXI	Bangui	CAF	ARQE/72/400 to Paris	pcG
18276.7	1050	HBD31	SUI Emb Buenos Aires	ARG	wkg SIT A	msNL
19020	0859	Medecins	sans Frontieres Kabul	AFG	Situation rep SIT A	msNL
20388.6x	1522	5AF	Tripoli air	LBY	ITA2/50/400 "qjh hlltyf2"	pcG
20421	1200		?? German diplo	??	ARQE/96/170 cont idle	pcG

US Ute DXer Rick Baker supplied the following infos and amendments cf. NL 1/95 via InterNet:

The EVMK on 1674 is the Factory Fishing Trawler BMRT Aleksey Kuznetsov.
 GJWT: MV St. Rognvald, Merchant
 MNVK2: Dryfeholm Queen, Fishing Vessel
 9HXK2: MV Amel
 Grampian Haven is GCLG
 Grampian Orcades is MPBF4
 Ocean Dawn is 2XZZ, Trawler
 Far Service is maybe Far Server? LEAN
 Under "Fixed Bands": RV James Clark Ross is ZDLP (Tnx Rick!)

FRENCH DOMESTIC LOG - ARQE/ARQE3 - JAN/FEB 1995

4538	ARQE3/100/400	cont idle mornings/afternoons	pcG
4569	ARQE/72/400	exercise msg	pcG
4810	ARQE3/100/400	idle afternoons	pcG
4818	ARQE3/100/400	idle afternoons	pcG
5210	ARQE3/100/400	idle afternoons	pcG
5224	ARQE/72/400	"UBF"(ufb) exercise "transce95" msgs 7-9/2	pcG
5732.5	ARQE/72/400	idle - hrd every day - nil tfc	pcG
5757	ARQE/72/400	"UBF"(ubf) exercise "transce95" msgs 7-9/2 RFFEDFB	pcG
5800	ARQE3/100/400	idle days - new	pcG
5802	ARQE/72/400	idle new freq "MFA" ex."Brigafranca mobile" msgs 15/2	pcG
5816	ARQE3/100/400	idle - unsynch. mornings/afternoons	pcG
5862.5	ARQE/72/400	idle - 14-15/2 - nil tfc last hrd Oct/94	pcG
6976	ARQE/192/170	"EHQ"(ehr) Ajaccio idle	pcG
7614	ARQE/192/170	"EHR"(ehq) Marseille idle	pcG

Q S L - R E V I E W

AUS-ADFR North West Cape	79	L,I/	10621.5		zeTC
AUS-NAVCOMMSTA Canberra	28	non det L/	8478	VHP	cw34
AUS-Perth Air	14	PPC,L/	11306		nr76
AUS-Perth R.	61	RR stamped, L/	12952.5	VIP	cw34
AUT-NDB Klagenfurt	14	PPC/ via c/a	405	"KW"	nr76
B -Rio R.	35	L/	8634	PPR	zeTC
BEL-NDB Brasschaat	14	PPC/ via c/a	365.3	"BC"	nr76
CAN-NDB Argentia	26	PPC,business-C/RP	323	"UWP"	400w rk50
CHL-Playa Ancha R.	28	C,Sked,I/	4349	CBV	cw34
CHN-Guangzhou R.	29	PPC/	8435	XSQ	zeTC
D -NDB Arpe	14	PPC/ via Frankf.	423	"ARP"	nr76
D -NDB Metro	7	PPC/ via Frankf.	304	"MTR"	nr76
D -NDB Schweinfurt	3	PPC/ via Frankf.	363	"SCF"	nr76
D -NDB Sembach	3	PPC/ via Frankf.	428	"SEX"	nr76
D -NDB Wustrow	7	PPC/	314	"WU"	nr76
E -NDB Pta.de Llobregat	21	PPC/ via Madrid	303.5	"OR"	nr76
ERT-Asmara Air	42	PPC,pers L/	5658		nr76
F -NDB Bourges	10	PPC/	423	"BOR"	nr76
F -NDB Melun/Villaroche	28	PPC,tour I/	434	"MV"	nr76
F -Saint Lys R.	13	C/	12605.5	FFT	zeTC
FNL-NDB Hekka	24	PPC,region map/	344	"HEK"	500w zeTC

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G -Clyde CGR.	17	PPC/RP	2182		750w	rk50
G -Forth CGR.	9	PPC,L/RP	2182		200w	rk50
G -NDB Benson	14	PPC/ direct	341	"BO"		nr76
G -NDB Humberside	14	PPC,L/	365	"KIM"		nr76
G -NDB Ipswich	63	PPC,L,Sticker/I	389.5	"PSW"		nr76
G -NDB Norwich	84	PPC/	342.5	"DH"		nr76
G -NDB Norwich	84	PPC/	371.5	"NH"		nr76
G -NDB Strubby	14	PPC/ via London	330	"SBY"		nr76
G -Portishead R.	14	C,L/	12835.4	GKA		cw34
G -Portishead R.	16	C,L/	12607	GKQ5	10kw	zeTC
G -Swansea CGR.	23	PPC,L,Calendar/RP	2182		220w	rk50
GRC-NDB Preveza	56	PPC,L,VCS/	353	"PRV"		nr76
HRV-NDB Rijeka/Breze	14	PPC/ direct	400	"BRZ"		nr76
HRV-Rijeka R.	14	PPC,I/	4396	9AR		nr76
I -NDB Lecce	70	PPC/	352	"LCC"	90w	nr76
I -NDB R. dei Legionari	61	PPC/	396	"RON"		nr76
I -NDB Treviso/Istrana	14	PPC,ham-C/	301.5	"TRE"		nr76
I -NDB Viterbo	7	PPC/	480	"VIB"		nr76
IWA-RRS Bransfield (ANT)	44	PPC/2 IRC	9106	ZDLG		cw34
MRC-Tanger R.	21	NewYear C full det.	1911	CNW		nr76
NOR-Bodoe R.	35	PPC/	2182	LGP		nr76
NOR-Vardoe R.	21	PPC/	1635	LGV		nr76
S -NDB Almagrundet Lt.	28	PPC/ via Norrk.	286.5	"AL"		nr76
S -NDB Trollhaettan	9m	L,I,VC/ direct	399	"FM"		nr76
TCH-MFA Prague	121	C,VC/	8142	OLX		cw34
THA-Bangkok Meteo R.	28	L/	8208			cw34
THA-NDB Hat Yai (hrd in CBG)	13m	after f/up PPC,Fo	328	"HY"		nr76
USA-CAMSLANT	21	C,I/	12718.5	NMN		cw34

ADDRESSES & VERIESIGNERS

NDB Rijeka "BRZ": (from a stamp in bad quality) Republika Hrvatska, Ministarstvo Pomorstva
 Prometa Veza, Uprava Kontrol... Zagreb, Centar Aerodromske Komutacije Rijeka,
 HR-51513
 Omisali-Aerodrom, p.p.28, Croatia

Asmara Air: Mr. Mesfin Berhane, Chief Air Navigation, Civil Aviation Authority,
 P.O.Box 252,
 Asmara, Eritrea

NDB Melun "MV": Service de Exploitation de la Formation Aeronautique, Centre de Melun,
 Aerodrome de Melun-Villaroche, F-77550 Moissy-Cramayel, France

NDB Wustrow "WU": Wasser- und Schiffahrtsamt Stralsund, Frankendamm 28, D-18439 Stralsund,
 Germany

NDB Preveza "PRV": Mr. Plastiras Stilianos, CAA, Preveza Airport,
 Telecommunications, T.K.,
 GR-48100 Preveza, Greece

NDB Lecce "LCC": 61 A Brigata Aerea, COM 461., Reparto S.T.O., Gruppo "TLC",
 I-73100 Lecce,
 Italy

NDB Viterbo "VIB": S.Ten. AArs TLC spe Luca Pippa, Aeroporto "T. Fabri" Viterbo,
 Gruppo
 S.T.O., Sezione TLC, I-01100 Viterbo, Italy

Tanger Radio CNW: B.P. 367, Tanger, Morocco

Spanish maritime NDBs, central address: Puertos del Estado, Departamento Tecnico de Senalizacion Maritima, Avenida del Partenon, 10, Campo de las Naciones, E-28042 Madrid,

Spain

NDB Hat Yai "HY": Mr. K. Sawai, Hat Yai Control Tower (Aerothai), Hat Yai Airport, Songkhla, 90115, Thailand

NDB Benson "BO": ATC Squadron, RAF Benson, Oxfordshire, UK

NDBs Norwich: P.J. Bartram, Technical Planning Manager (G3GPX), Norwich Airport, Amsterdam Way, Norwich NR6 6JA, UK

NDB Humberside "KIM": P.E. Jones, Senior Technical Services Officer, Humberside International Airport, Kirmington, South Humberside DN39 6YH, UK (all by nr76)

cw34 got a friendly letter from Janie Ferguson (Perth Radio), State Sales Co-ordinator (telling VIP now forms part of Telecom Australia under the name of Telstra Mobile Satellite & Radio Services. This is true for all the other maritime stations as well. If you dont want to have your report back and stamped send them a PPC (cw34).

In a letter Suparerak Tansrirattanawong, Director of Telecom Division Bangkok Meteorological Radio says: "For the 8208 kHz you have picked up I would like to inform you that it is the newly frequency we have obtained; previously we operate only on 6765.1 kHz and the languages are Thai and English." Address is 4353 Sukhumvit Road Bangna, Bangkok 10260, Thailand (cw34).

Here is an updated address list of British Coastguard radiostations, where MRCC means Maritime Rescue Coordination Centre (Regional) and MRSC Maritime Rescue Sub Centre (District); the address is followed by the phone number:

Clyde MRCC: Navy Buildings, Eldon Street, Greenock PA16 7QY - 01475/29988
 Stornoway MRSC: 4 South Beach, Stornoway, Isle of Lewis PA87 2XY - 01851/702013
 Oban MRSC: Boswell House, Argyll Square, Oban PA34 4BD - 01631/63720
 Belfast MRSC: Bregenz House, Quay Street, Bangor, Co Down BT20 5ED - 01247/463933
 Swansea MRCC: Tutt Head, Mumbles, Swansea SA3 4EX - 01792/366534
 Liverpool MRSC: Hall Road West, Crosby, Liverpool L23 8SY - 0151/931 3341
 Holyhead MRSC: Prince of Wales Road, Holyhead, Anglesey, Gwynedd LL65 1ET - 01407/762051
 Milford Haven MRSC: Gorsewood Drive, Hakin, Milford Haven SA73 3ER - 01646/690909
 Falmouth MRCC: Pendennis Point, Castle Drive, Falmouth, Cornwall TR11 4WZ - 01326/317575
 Brixham MRSC: Kings Quay, Brixham, Devon TQ5 9TW - 01803/882704
 Portland MRSC: Custom House Quay, Weymouth, Dorset DT4 8BE - 01305/760439
 Aberdeen MRCC: Marine House, Blaikies Quay, Aberdeen AB1 2PB - 01224/592334
 Shetland MRSC: The Knab, Knab Road, Lerwick, Shetland ZE1 0AX - 01595/2976
 Pentland MRSC: Cromwell Road, Kirkwall, Orkney KW15 1LN - 01856/873268
 Forth MRSC: Fifeness, Crail, Fife KY10 3XN - 01333/450666
 Yarmouth MRCC: Havenbridge House, 5th Floor, Great Yarmouth NR30 4DA - 01493/851338
 Tyne Tees MRSC: Priory Grounds, Tynemouth, Tyne & Wear NE30 4DA - 0191/257 2691
 Humber MRSC: Lime Kiln Lane, Bridlington, North Humberside YO15 2LX - 01262/672317
 Dover MRCC: Langdon Battery, Swingate, Dover, Kent CT15 5NA - 01304/210008
 Thames MRSC: East Terrace, Walton-on-Naze, Essex CO14 8PY - 01255/675518
 Solent MRSC: Whytecroft House, 44a Marine Parade West, Lee on Solent, Hants PO13 9NR - 01705/552100 (rk50)

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NMF: USCG CommSta Boston, PO Box 608, Marshfield, MA 02050-0005, USA, Attn: Telecommunications Specialist In Charge (TCIC)
Note that title radioman in charge has been changed to above. All USCG CommSta's, Groups and Air Stations should be addressed to the TCIC now (Rick Baker)

I N F O S

pcG asks, whether anyone has an up-to-date address for Callao Radio OBC3??

Vardoe Radio retransmits NRK news for ships three times a day, nr76 heard them at 22.43 UTC (nr76).

Cf last month's "Star Seven Radio": Your ed. completely misheard. The station was "Torshavn Radio", but they pronounced it English as "Torshaven Radio" (dp47)

dp47 wrote me that he got a fully detailed QSL from DEA47 (which is the substitute for once well known "EC3Y"). More infos to follow?

If you want to listen to BAS stations, don't adhere to much to 9106, they use other qrgs frequently and are v e r y flexible now. Listen on 4553, 5800, 7450, 9106, 9115-9117, 11055.

FOR SALE: AERAD Europe & Middle East Supplement, nearly 600 pages of information on airport communication facilities, ranging from Longwave (NDBs) to Shortwave (ATCCs) and VHF/UHF (DME/VOR). Two copies are for sale, each for DM 20.-; this includes postage and packaging. One book is dated Dec 93, the other May 94. Orders will be processed first come first served. Please write to: Michael Oexner, Hainfelder Strasse 1, D-76835 Roschbach, Germany.

N E W P U B L I C A T I O N S

Several new publications reached my mailbox:

Bergmann, Klaus and Wolf Siebel: "Sender & Frequenzen 1995", Meckenheim 1994, pp. 496, DM 44.80.- (German)

In this new yearbook the reader can find broadcasting stations from nearly 200 countries of the world. Infos comprise frequencies, skeds, addresses of stations which are supposed to be heard in Europe. There are some more or less interesting items for the Utility DXer too: For example the Australian Armed Forces Radio is covered as well as the different stations transmitting the propaganda of the Somali warlords. These stations can be found in the Utility sections of the HF bands and transmit partly in USB.

Klawitter, Gerd and Klaus Herold: "Langwellen- und L,,ngstwellenfunk", Meckenheim 1995, pp.192, DM 24.80.- (German)

This is a revised edition of the book with the same title of 1991. Especially

the changes in the former eastern european countries have been taken into account. The book is divided into 15 chapters, the main chapters are those with numbers 2 to 11. The authors start with a short description of LF (Low Frequency) and VLF (Very Low Frequency) and an overview over the allocations to different radioservices. This is followed by an introduction into the physical dimensions of LF, VLF and ELF (Extreme Low Frequency) propagation. Though there are a few harder passages for a non-physician he should be able to get a sufficient overview. The introductory part of the book is concluded by a comprehensive look onto the historical processes in Europe leading to the use of LF. In chapters 6 to 11 the more practical aspects of LF reception by amateurs are discussed. Chapter 6 deals with the use of ELF by military authorities and earthquake researchers, chapter 7 with the VLF radioservices; navigation services OMEGA and ALPHA, timesignal stations and military units (here mostly Navy) belong to this category. On VLF links with submerged submarines are maintained - the reader finds a comprehensive discussion with examples from the US Navy and the Bundesmarine. Moreover infos cf. GWEN (Ground-wave Emergency Network, a network in the US to be used after nuclear devastations) are supplied. One of the largest chapters is of course dedicated to the popular 30 to 500 kHz LF spectrum. Careful attention is given to the different navigation systems (LORAN-C, Decca, NDB), though the application of DGPS on LF is not considered and the authors talk about the sequenced chains of marine NDBs, which have in fact been widely dissolved since a year or so. Maritime signals, meteos, press and diplos are also covered. Chapter 9 gives basic infos concerning the professional VLF and LF receivers which are used, chapter 10 is an introduction to the specifications of technical equipment an LF-SWL should have to his disposal. While the chapters 1 to 10 have been researched very dedicated and carefully this cannot be said of larger parts of the 50 page frequency list in chapter 11. Especially the marine NDB list is full of mistakes. The frequencies are partly antique and were in use until some years ago (before the DGPS innovations on LF); moreover lighthouses are listed, which were taken out of LF service long time ago (Poole, La Garoupe). The mistakes in the spelling of geographic locations also contribute to confusion: How should a beginner in this field know that Mon Se (303.4) is Moen South East (S.E.) Lightship (no longer working on LF). And what is the use of entries like "Syrve URS(?)" or "Pakri RUS(?)"?

Despite the weaknesses the reader can get a good overview over the still extremely lively VLF/LF spectrum.

Both books are from Siebel Verlag, Auf dem Steinbuechel 6, D-53340 Meckenheim, Germany.

Ravigneaux, Michel "Stations Utilitaires Phonie en Langue Francaise". Hannogne

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1995, pp.30,
40 French Fries for Europe (incl.postage) and 45 French Francs (incl. postage)
outside
Europe. (French)

This list is dedicated to the SSB Utility transmissions in the French language (HF). The book is in its first part a frequency list of french speaking stations from 1635 to 27350. This is followed by listings of the stations mentioned before in certain columns (PTT Telecom, relief organisations, aeros, meteos, maritime coast stations, fishing vessels and sailing regattas/car races like Paris-Dakar). These columns contain info on frequencies, skeds and modes. The book is concluded by an address list. What is interesting here are the many organisations and events which are rarely or never reported in Utility columns (Rallye Paris-Dakar, militaries or relief organisations like "Equilibre International Lyon" or "Pharmaciens sans Frontieres", who employ HF units). Many of the frequencies listed I have never seen before. Though not complete (no freq list is complete) it is very interesting stuff and should help also those who don't speak French at all.

Michel Ravigneaux, 21 rue de la Chatterie, F-08160 Hannogne Saint-Martin, France.

And that is all for this month (I mean last month, or February). Thanks go to the always active members pcG, msNL, dp47, nr76, zeTC, cw34 (did you receive my email?)... Hope to see more of you next month.

NEWSLETTER 3/95

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Deadline: 20th of the month

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Hi folks. This is another issue of the Newsletter. We had a very low input this month in respect to the number of contributors.

N O N D I R E C T I O N A L B E A C O N S

rk50	325a	2349	KNA	Unid	???	id (2x)
rk50	331a	0220	NV	Unid	???	id
fd40	341	0121	POR	Pori	FNL	id
fd40	351	0135	OV	Visby	S	id
	354	0132	FIN	Finno	FNL	id

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fd40					
357	2331	SEP	Vaasa (Seppi)	FNL	id
rk50					
357.5	0005	FAL	Falconara	I	id
fd40					
367	0012	ZAG	Zagreb	HRV	id+dash
fd40					
367.5	0145	PN	Ponza	I	id
fd40					
368	0147	FN	Finndal	NOR	id
fd40					
370.5	2212	LB	Aengelholm	S	id
fd40					
371	0153	CAG	Cagliari	I	id
fd40					
371	0157	MYN	Muenster	D	id
fd40					
372	0156	ODR	Odderoy	NOR	id
fd40					
374.5	2348	SOG	Solling	D	id
fd40					
376.5	2342	ORI	Orio al Serio	I	id
fd40					
379	0128	REK	Reksten	NOR	id
fd40					
381	0107	AB	Akraberg Lt	FAR	id
fd40					
381	0116	RY	Rygge	NOR	id
fd40					
381	2328	SIB	Sibiu	ROM	id
fd40					
382	0111	PM	Peronne/St Quentin	F	id+dash
fd40					
386	0044	LK	Unid	?	id
fd40					
387	0036	VDL	Vardal	NOR	id
fd40					
388	0027	COR	Corner/Bromma	S	id
fd40					
389	0006	MR	Myra/Skien	NOR	id
fd40					
390	0040	LV	Arvika	S	id
fd40					
391	0027	GDY	Mariehamn	FNL	id
fd40					
391	2354	OKR	Bratislava	SVK	id
fd40					
392	0005	DVN	Drevenik	HRV	id
fd40					
392	0013	VUN	Verdun	F	id+dash
fd40					
392	2349	RW	Tege1	D	id
fd40					
392.5	2338	TOP	Torino/Caselle	I	id
fd40					
393	2230	VL	Valladolid	E	id
fd40					
393	2345	TAT	Tautra	NOR	id
fd40					
393	2350	HAP	Haapa	FNL	id
fd40					
394	2305	TW	Thisted	DNK	id
fd40					
395	0120	FOY	Foyness	IRL	id
fd40					
396	2225	HYV	Hyvinkaa	FNL	id
fd40					
404	0110	NL	No1soe	FAR	id

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fd40
 413 0014 GLT Galati ROM id+dash
 fd40
 426 0105 GBG Gleichenberg AUT id
 fd40
 438 2145 PE Poprad TCH id
 fd40
 440 0041 PIA Piacenza I id
 fd40

M A R I T I M E

518 2248 OST Ostende R BEL Mine-hunter Bellis-Navtex
 fd40
 2182 0236 NOR CG Cutter "Norgibas" or similar E clg UGWV
 rk50
 2768 2207 SAE Tingstaede R S E,Sw,wx-rpt by OM
 fd40
 6340.5 2048 9VG Singapore R SNG cw-cq de
 fd40
 6369 2234 D3E Luanda R AGL cw-cq de
 fd40
 6371.7 2056 RKLM Archangelsk R RUS cw-4LY de RKLM
 fd40
 6407.5 2126 VIP Perth R AUS v mkr
 pCG
 6436.5 2147 TAH Istanbul R TUR cq mkr
 pCG
 6470 2146 SXA24 Piraeus GN GRC v mkr
 pCG
 6480.1 2249 TBH3 NY Golcuk TUR cw-vvv clg T43B
 fd40
 6493.5 2140 LYL Klaipeda R LTU mkr
 pCG
 6502 2150 TBB6 Ankara TN TUR "tbdj de tbb5/6" mkr
 pCG
 8240 2132 GYHG HMS Manchester IWA E wkg Portishead, p/p
 rk50
 8419 2122 VIP Perth R. AUS cw-id & sitor
 zeTC
 8419.5 2123 PPR Rio R. B cw-id & sitor
 zeTC
 8419.5 2124 VCT Tors Cove R. CAN cw-id & sitor
 zeTC
 8421 1800 A7D Doha R. QAT cw-id & sitor
 zeTC
 8431 1826 XSG Shanghai R. CHN cw-id & sitor
 zeTC
 8435 1510 XSQ Guangzhou R. CHN cw-id & sitor
 zeTC
 8435 1950 XSQ Guangzhou R CHN cw, cont XSQ
 fd40
 8444.5 1516 KFS Palo Alto R. USA cw-cq
 zeTC
 8445 1458 A4M Muscat R. OMA cw-de
 zeTC
 8448 1957 A9M Bahrain R BHR cw-de
 fd40
 8450 1449 SUZ Serapeum R. EGY cw-cq, tfc list
 zeTC
 8450 1459 ROD29 Unid ??? cw-cq
 zeTC
 8451 1501 UBF2 St. Petersburg R. RUS cw-4LT3 de UBF2
 zeTC
 8469 1736 D4A Sao Vicente R. CPV cw-cq, tfc list
 zeTC
 8473.5 1523 A7D Doha R. QAT cw-de

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zeTC					
8473.5	2140	A7D	Doha R	QAT	"de a7d" mkr
pCG					
8474	1524	JYO	Aqaba R.	JOR	cw-cq
zeTC					
8479	2134	JCU	Choshi R	J	cq mkr
pCG					
8484.5	2006	HZG	Damman R	ARS	cw-de
fd40					
8496	1955	CLA	Havana R	CUB	cq mkr
pCG					
8506	2055	UDH	Riga R	LAT	cq mkr
pCG					
8511	2300	XSW2	Taichung R	TWN	cq mkr
pCG					
8513	2257	VHI4	Darwin RAN	AUS	v mkr
pCG					
8514	1655	XSQ	Guangzhou R	CHN	cq mkr
pCG					
8515	2016	5AT	Tripoli R	LBY	cw-vvv cq de
fd40					
8515	2256	5AT	Tripoli R	LBY	v/cq mkr
pCG					
8520.1	2022	PPO	Olinda R	B	cw-vvv de
fd40					
8521	1620	VIP	Perth R.	AUS	cw-vvv
zeTC					
8521	1740	VIP	Perth R	AUS	v mkr
pCG					
8539	1736	VRX	Hong Kong R	HKG	cq mkr
pCG					
8565	2051	D3E51	Luanda R	AGL	cq mkr
pCG					
8571	1530	JNA	Tokyo CGR.	J	cw-cq
zeTC					
8571	1533	UWS	Unid	RUS	cw-cq
zeTC					
8598.4	1753	ZLO	RNZL Ny Irirangi	NZL	cw-de
zeTC					
8632	2158	XSW	Kaohsiung R.	TWN	cw-cq
zeTC					
8691	1640	XST	Qingdao R.	CHN	cw-cq
zeTC					
8740	2200	WOO	Ocean Gate R	USA	E, wx by OM
fd40					
8740	2202	SVN	Athinai R	GRC	Gr,clg unid ship
fd40					
12610.5	1809	VCT	Tors Cove R.	CAN	cw-id & sitor
zeTC					
12660	0914	YIR	Basrah R	IRQ	"de yir" mkr
pCG					
12660.5	0907	UGW	Novorossiysk R	RUS	"41a de ugw" + freqs
pCG					
12695.5	1548	KFS	San Francisco R	USA	cq mkr
pCG					
12700	1627	XSQ	Guangzhou R	CHN	cq mkr
pCG					
12717	0927	XSZ	Dalian R	CHN	cq mkr
pCG					
12724	1725	ZSC43	Capetown R	AFS	cq mkr - hvy qrm zsc
pCG					
12724	1730	9VG57	Singapore R	SNG	cq + freq info mkr
pCG					
12735	1743	URL	Sevastopol R	UKR	"41a de url" mkr
pCG					
16980	0916	UGW	Novorossiysk R	RUS	"41a de ugw" + freqs
pCG					

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A E R O N A U T I C A L

8968 rk50	0649	USAF Hickam AB	HWI	E phonepatch unid a/c
8968 rk50	0703	USAF Thule AB	GRL	E wkg Reach 60024
8977 rk50	0651	AUS AF Sydney	AUS	E wkg AF Auckland
8977 rk50	0651	NZL AF Auckland	NZL	E wkg AF Sydney
11244 rk50	0636	USAF Offutt AB	USA	E encrypted number/letter gps

F I X E D B A N D S

4919 zeTC	1438	FDE13 FAF Unid	F	cw-vvv
4986 zeTC	1548	YPO Giurgiu R.	ROU	cw-vvv
5000 zeTC	1559	BPM TS Lintong	TWN	cw-id, YL-id
5000 zeTC	1559	VNG TS Llandilo	AUS	E id & address
5000 zeTC	2149	BSF TS Chung-Li, Taipei	TWN	TS, cw-id, YL-id
5301 pcG	1655	OLX MFA Prague	TCH	v mkr
5342 pcG	1710	FDY Orleans FAF	F	v mkr
5446.5 pcG	1724	FDC Metz FAF	F	v mkr
13990 rk50	0832	Unid	???	E simplex USB,id:"Lima Lima"
14425.5 zeTC	1557	VXV9 CFARS Golan Heights	SYR	E clg any station
14587 rk50	0806	Unid	???	F simplex USB id:"Le sable"
15000 zeTC	1759	WV TS Fort Collins	USA	E TS, id
16216 rk50	0743	PTT Oostende R.	BEL	F/VERN phonecalls to Africa

D I G I T A L

134.2 fd40	1300	DCF54 Offenbach Meteo	D	Fax/120, wx-chart,ufb
2710 pcG	2244	RDFEI ?? Army?	DNK	ITA2/100/850 foxes/ry test
2845 pcG	2250	PBB Den Helder Navy	HOL	ITA2/75/850 ch status msgs
3850.7 pcG	2300	?? ??	???	ARQE/72/170 poss LKAs??
3851.7 pcG	0900	?? ??	???	ARQE/72/85 LKAs??
3852.4 pcG	0908	?? ??	???	ARQE/96/75 LKAs?
4442.5 pcG	2130	RGC72 Kiyev Meteo	UKR	ITA2/50/850 wx msgs
4570.5 pcG	1647	?? ??	???	Picc/12 crypto??
5074 pcG	1720	RDFBH ?? Army?	DNK	ITA2/100/850 foxes/ry test
5252.5 pcG	0906	?? ??	???	Picc/6 2ch ch1 idle-nil tfc
5843.5	1652	GXQ London DCN	G	Picc/6 4ch ch1 foxes/ryry

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pCG	6845.5	2215	MKD	Cyprus DCN	CYP	Picc/6 3ch ch1 "de mkd.."
pCG	6918.5	0810	ECA7	Madrid Meteo	E	Fax/120, wx-chart
fd40	6977.5	0815	-	PIAB Bonn	D	FEC100/96 G nx,
exchange-report	6984	1030	SNN299	Warsaw Diplo	POL	POL-ARQ many msgs
fd40	6984	1145	??	Budapest (Pol Dip)	HNG	POL-ARQ ack. msgs fm above
pCG	7456.7	2117	RFTJ	C.Vert(Dakar)	SEN	ARQE3/191/400 "AFL" to Paris
pCG	7586	2120	RFVITT	Dzaoudzi	COM	ARQE/96/400 "TTT" to L.Port
pCG	7755.2	2200	??	??	???	ARQ342/200/400/2ch idle
pCG	7779.8	2205	??	?? Dhahran FF?	ARS?	ARQ342/200/400/2ch idle
pCG	7834.5	2155	5ST	Tananarive Aero	MDG	ARQE3/48/400 ryry test
pCG	7855	2211	ROK24	Moscow Meteo	RUS	ITA2/50/850 cont meteo
pCG	7946	1713	RFVI	Le Port	REU	ARQE/96/400 ITT to Mayotte
pCG	7998.5	0843	FDY	Orleans FAF	F	ITA2/50/400 "voyez le .."
pCG	80421	1543	A7D	Doha R	QAT	SITOR/A cw/tlx mkr
pCG	8108.2	2230	RFQP	Jibouti	DJI	ARQ342/200/400/2ch "QRG"
pCG	8137	1430	TCY1	AA Ankara	TUR	ITA2/50, turk.-nx
fd40	8154	0855	??	??	???	POL-ARQ diplo tfc qth?
pCG	8156	1412	SNN299	MFA Warszawa	POL	Pol-ARQ/100 mssg Lond
fd40	8165	2235	5YD	Nairobi Aero	KEN	ITA2/50/400 ry test
pCG	8381	1546	OUJE2	M/V Danica Four	IWA	SITOR/A qsl msg fm OXZ
pCG	8381.5	1648	7TJA	M/V Bachir	IWA	SITOR/A msg to Boufarik R
pCG	8417.5	1935	UFB	Odessa R	UKR	SITOR A/100, mssgs,ID
fd40	8421	1640	OXZ	Lyngby R	DNK	SITOR/B danish news b/c
pCG	8421.5	1650	LZW	Varna R	BUL	SITOR/A cw/tlx mkr
pCG	8421.5	1657	VRX	Hong Kong R	HKG	SITOR/A cw/tlx mkr
pCG	8422	1644	ESA	Tallin R	EST	SITOR/A cw/tlx mkr
pCG	8432	1137	UDH	Riga R	LAT	SITOR/B msg to yljaj
pCG	8500	2000	RBSL	Bombay IN	IND	ITA2/50/850 ry mkr
pCG	8509	2110	RFFX	Paris	F	ARQE/72/400 "XXI" to Bangui
pCG	8520	1705	UUI	Odessa R	UKR	ITA2/50/170 msgs to uwgz
pCG	9072.7	2300	TLO	Bangui Aero	CAF	ARQ342/96/400/2ch "OFA" chA
pCG	9114	1655	HGG31	MTI Budapest	HNG	ITA2/50, ry
fd40	9126.7	2240	RFTJD	Libreville	GAB	ARQE3/192/400 "FTI" to Paris
pCG	10215.2	1640	HZN48	Jeddah Meteo	ARS	ITA2/100, 5 lett-grps

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fd40
 10488.5 1020 OEC100 MFA wien AUT ARQ-S/100,5 lett-grps
 (no ID, but listed)... fd40
 10555 1440 AXI34 Darwin Meteo AUS Fax/120 wx-chart
 fd40
 10600 1424 XVN37 VNA Hanoi VTN ITA2/50, E/F-nx
 fd40
 10917 1136 - MFA Warszawa POL Pol-ARQ/100 nx
 fd40
 11192 1338 MZA UNID RAF G ITA2/50, wx,various gps
 fd40
 any airspace associated with the space-shuttle... fd40
 12208 1147 - MFA Bratislava SVK ITA2/100, telex
 fd40
 12714 1726 UCE Arkangelsk R RUS SITOR/A cw/tlx mkr
 pcG
 13563 1035 3MA22 CNA Taipei TWN ITA2/50, Economy
 fd40
 14785.1 1056 ATP65 IndInfo Delhi IND ITA2\50, E-nx, ry
 fd40
 14989 1458 TNL Brazzaville Aero COG ARQ342/96/400/2ch "fla" msg
 pcG
 15633 1039 HMF26 KCNA Pyongyang KRE ITA2/50 E ab Kong Song San
 fd40
 16125.2 1140 RFQP FAF Djibouti DJI ARQ-M2/200 mssg
 to Chateaudun... fd40
 16143.7 1334 RFLI FNY Fort de Fr MRT ARQ-E3/192, mssg, ID
 fd40
 16173.5 1157 STK Karthoum Aero SDN ITA2/50, ry de
 fd40
 18212 0830 9XK79 DW Kigali RRW ITA2/50, mssg to Col.
 fd40

Some remarks to older issues of the NL:

12/94: BIA 340a = 339 Bournemouth/G
 RES 42? = 424 Reus/E
 BST 42? = 428 Lanveoc/Poulmic/F
 1/95 VA 310 = nothing listed but Amal V12/LBY
 KQ 330a = 329 Krupki/BLR
 VI 333a = 334 Verhneye-Vysotskoye/RUS
 2/95 KB 403a = 402 Placid B Platform/IWA
 BIL 409a = 405 Bilbao/E. Tnx Michael!

Remarks by Tim Tyler cf. aero-logs in 2/95:

11459.9 2030 USAF Andrews USA wkg phonepatch from aircraft KC01 to Raymond 21...
 That callsign would be CASEY 01, and it is an aircraft transporting the
 Commander of
 USSTRATCOM (US Strategic Command). The aircraft is usually a C-135 or EC-135K.
 RAYMOND 21 is
 Offutt AFB, Nebraska, which is where the USSTRATCOM headquarters is.
 13200 1348 USAF Trondheim/Vaernes...
 I would be very surprised if this site in Norway (ENVA) was communicating
 directly to the
 aircraft on 13200USB, but that is the impression I got from reading the logging!
 As you
 probably know already, a "K loader" is simply a forklift type tractor used for
 loading &
 unloading palletized cargo from aircraft. Tnx Tim!

Q S L - R E V I E W

CAN-Tors Cove R.	33 L, PPC/	6329.5 VCT	1kw mo76
D -NDB Frankfurt/Raunheim	9 PPC/ via Frankfurt	297 "FR"	20w mo76
D -NDB Gerninghausen	9 PPC/ via Frankfurt	423 "GMH"	50w mo76
D -NDB Giessen	9 PPC/ via Frankfurt	314 "GIN"	50w mo76
D -NDB Hahn	10 PPC,L/ direct	376 "HAN"	120w mo76

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D -NDB Metro	9 PPC/	via Frankfurt	304	"MTR"	50W mo76
D -NDB Ruedesheim	9 PPC/	via Frankfurt	338	"RUD"	50W mo76
FNL-NDB Kemi	112 PPC,	tourist-I/VC	373	"KEM"	500W zeTC
I -NDB Treviso/Istrana	28 PPC/		340	"ISA"	100W mo76

A D D R E S S E S & V E R I E S I G N E R S

NDB Hahn "HAN": EBG Hahn, Gebaeude 510, TA3, Herrn Udo Klaas, D-55483 Lautzenhausen, Germany
 Tors Cove Radio VCT: NewEast Wireless Telecom Inc., P.O.Box 5754, Saint John's, Newfoundland, Canada A1C 5X3, V/s is Robert Glasco.
 "Tors Cove" is the maritime, "Rainbow" the aeronautical station (mo76)

I N F O S

FRENCH DOMESTIC LOG - ARQE/ARQE3 - MAR 1995

3590.5	ARQE3/100/400	idle late evenings/mornings - new	pcG
3606	ARQE/192/170	idle late night - poss a night freq of ehq/ehr??	pcG
4538	ARQE3/100/400	idle mornings/afternoons	pcG
5210	ARQE3/100/400	idle mornings/afternoons	pcG
5317	ARQE/72/400	"UAF" was ufb Feb/95 ex msgs 1/3	pcG
5754	ARQE/72/400	"UFA" ex msgs. was mce in Mar/94	pcG
4538	ARQE3/100/400	idle mornings/afternoons	pcG
4945	ARQE3/100/400	unsync idle afternoons	pcG
5800	ARQE3/100/400	unsync idle mornings/afternoons	pcG
5816	ARQE3/100/400	unsync idle afternoons	pcG
6976	ARQE/192/170	idle afternoons "EHQ"(ehr)	pcG
7614	ARQE/192/170	idle "EHR"(ehq) Marseille to Ajaccio	pcG

Here is a more or less actual list of LORAN-C nets. I don't know yet, whether they all have HF communications, this has to be researched yet. The list has been drawn from "Nautischer Funkdienst" 1/95, official info for mariners via dp47:

"Ejde" chain:

Ejde, FAR	62	18.0N	007	04.4W	Master
Jan Mayen, NOR	70	54.9N	008	43.9W	Secondary W
Boe, NOR	68	38.1N	014	27.8E	Secondary X
Vaerlandet, NOR	61	17.8N	004	41.8E	Secondary Y
Loop Head, IRL	52	35. N	009	49. W	Secondary Z

Loop Head not yet on the air, the whole chain is tested in the moment

"Boe" chain:

Boe, NOR	68	38.1N	014	27.8E	Master
Jan Mayen, NOR	70	54.9N	008	43.9W	Secondary X
Berlevag, NOR	70	50.7N	029	12.3E	Secondary Y

chain testing in the moment

"sylv" chain

Sylv, D	54	48.5N	008	17.6E	Master
Lessay, F	49	08.9N	001	30.3W	Secondary X
Vaerlandet, NOR	61	17.8N	004	41.8E	Secondary Y

chain testing in the moment

"Lessay" chain

Lessay, F	49	08.9N	001	30.3W	Master
Soustons, F	43	44.4N	001	22.8W	Secondary X
Loop Head, IRL	52	35. N	009	49. W	Secondary Y
Sylv, D	54	48.5N	008	17.6E	Secondary Z

chain testing in the moment, Loop Head not on the air yet

"Russia" chain

Bryansk	53	07.8N	034	54.7E	Master
Petrozavodsk	61	45.5N	033	41.7E	Secondary 1

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Solnim	53 07.9N	025	23.8E	Secondary 2
Simferopol	44 53.3N	033	52.5E	Secondary 3
Syzran	53 17.3N	048	06.9E	Secondary 4
"Mediterranean" chain				
Sellia Marina, I	38 52.3N	016	43.1E	Master
Lampedusa, I	35 31.3N	012	31.5E	Secondary X
Kargaburun, TUR	40 58.4N	027	52.0E	Secondary Y
Estartit, E	42 03.6N	003	12.3E	Secondary Z
chain out of service in the moment				
"Saudi Arabia" chain				
Afif	23 48.6N	042	51.3E	Master
Salwa	24 50.0N	050	34.2E	Secondary W
Al Khamasin	20 28.0N	044	34.9E	Secondary X
Ash Shaykh	28 09.3N	034	45.7E	Secondary Y
Al Muwassam	16 25.9N	042	48.1E	Secondary Z
"Newfoundland Eastcoast" chain				
Comfort Cove, NF	49 19.9N	054	51.7W	Master
Cape Race, NF	46 46.5N	053	10.5W	Secondary W
Fox Harbour, Labrador	52 22.6N	055	42.5W	Secondary X
"Northeast American" chain				
Seneca, NY	42 42.8N	076	49.6W	Master
Caribou, ME	46 48.5N	067	55.6W	Secondary W
Nantucket, MA	41 15.2N	069	58.6W	Secondary X
Carolina Beach, NC	34 03.8N	077	54.8W	Secondary Y
Dana, IN	39 51.1N	087	29.2W	Secondary Z
"American North" chain				
Havre, MT	48 44.6N	109	58.9W	Master
Baudette, MN	48 36.8N	094	33.3W	Secondary W
Gillette, WY	44 00.2N	105	37.4W	Secondary X
Williams Lake, CAN	51 58.0N	122	22.0W	Secondary Y
"Eastern Canadian" chain				
Caribou, ME	46 48.5N	067	55.6W	Master
Nantucket, MA	41 15.2N	069	58.6W	Secondary X
Cape Race, NF	46 46.5N	053	10.5W	Secondary Y
Fox Harbour, Labrador	52 22.6N	055	42.5W	Secondary Z
"Great Lakes" chain				
Dana, IN	39 51.1N	087	29.2W	Master
Malone, FL	30 59.6N	085	10.1W	Secondary W
Seneca, NY	42 42.8N	076	49.6W	Secondary X
Baudette, MN	48 36.8N	094	33.3W	Secondary Y
Boise City, OK	36 30.4N	102	54.0W	Secondary Z
"Southeast American" chain				
Malone, FL	30 59.6N	085	10.1W	Master
Grangeville, FL	30 43.6N	090	49.7W	Secondary W
Raymondville, FL	26 31.9N	097	50.0W	Secondary X
Jupiter, FL	27 02.0N	080	06.9W	Secondary Y
Carolina Beach, NC	34 03.8N	077	54.8W	Secondary Z
"America South" chain				
Boise City, OK	36 30.3N	102	54.0W	Master
Gillette, WY	44 00.2N	105	37.4W	Secondary V
Searchlight, NV	35 19.3N	114	18.3W	Secondary W
Las Cruces, NM	32 04.3N	106	52.1W	Secondary X
Raymondville, TX	26 31.9N	097	50.0W	Secondary Y
Grangeville, LA	30 43.6N	090	49.7W	Secondary Z
"Northern Pacific" chain				
St. Paul, AK	57 09.2N	170	15.1W	Master
Attu, Aleut, AK	52 49.7N	173	10.8E	Secondary X
Port Clarence, AK	65 14.7N	166	53.2W	Secondary Y

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Kodiak, AK	57 26.3N	152	22.2W	Secondary Z
"Alaska" chain				
Tok Junction, AK	63 19.7N	142	48.5W	Master
Kodiak, AK	57 26.3N	152	22.2W	Secondary X
Shoal Cove, AK	55 26.3N	131	15.3W	Secondary Y
Port Clarence, AK	65 14.7N	166	53.2W	Secondary Z
"Pacific (Canadian westcoast)" chain				
Williams Lake	51 58.0N	122	22.0W	Master
Shoal Cove, AK	55 26.3N	131	15.3W	Secondary X
George, WA	47 03.8N	119	44.6W	Secondary Y
Port Hardy, CAN	50 36.5N	127	21.5W	Secondary Z
"Pacific (North American westcoast)" chain				
Fallon, NV	39 33.1N	118	49.9W	Master
George, WA	47 03.8N	119	44.6W	Secondary W
Middletown, CA	38 46.9N	122	29.7W	Secondary X
Searchlight, NV	35 19.3N	114	48.3W	Secondary Y
"Russia chain east"				
Aleksandrovsk	51 04.7N	142	42.1E	Master
Ussuriysk	44 32.0N	131	38.4E	Secondary 1
Kuril'sk	45 12.8N	147	51.6E	Secondary 2
Petropavlovsk	53 07.8N	157	41.7E	Secondary 3
Okhotsk	59 25.0N	143	05.4E	Secondary 4
"East Asia" chain				
P'ohang, KOR	36 11.1N	129	20.5E	Master
Hokkaido, J	42 44.6N	143	43.2E	Secondary W
Kwangju, KOR	35 02.4N	126	32.5E	Secondary X
Gesashi, J	26 36.4N	128	08.9E	Secondary Y
"Northwest Pacific" chain				
Nii Shima, J	34 24.0N	139	16.5E	Master
Gesashi, J	26 36.2N	128	09.1E	Secondary W
Minami Tori Shima	24 16.8N	153	59.1E	Secondary X
Tokatibuto, J	42 44.5N	143	43.4E	Secondary Y
"China" chain				
Xindu	23 58.1N	111	43.1E	Master
Xinhe	22 25.0N	107	21.0E	Secondary 1
Zhangxi	23 43.7N	116	53.8E	Secondary 2
"India" chain				
Dhrangadhara	23 00.2N	071	31.6E	Master
Veraval	20 57.1N	070	20.2E	Secondary X
Billimora	20 45.7N	073	02.3E	Secondary W
"India-Calcutta" chain				
Balasore	21 29.1N	086	55.3E	Master
Patpur	20 26.8N	085	49.8E	Secondary X
Diamond Harbour	22 10.3N	088	12.4E	Secondary W

US Coast Guard Station's key go qrt. USCG Communications Area Master Station Atlantic (CAMSLANT) "NMN" in Chesapeake will cease HF morse code operation on April 1st 1995. A final message will be broadcasted on April 1st at 0001z on 5870, 8471, 12718.5 and 16976 kHz. NMN will issue a special certificate to those who copy the final message. Submit your copy of the received message to USCG CAMSLANT, c/o NSGA Northwest, Chesapeake, VA 23322. Attn: TC3 S.Morales (KP4FFW) (OPDX bulletin, Internet).

Tim Tyler of the US asks about specific infos concerning three stations I have
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listed in the 1986 edition of the Utility Address Guide, namely WAR42 (Berryville), WAR45 (Mercersburg) and WAR47 (Boomsboro). These stations belong/belonged to the US Strategic Communications Command. Any info on that would be appreciated.

zeTC: Zdenek, what does Vnitra CR (cf. Prague OLX) mean?

NEW PUBLICATIONS

The following review of the Klingenfuss Utility Guide was sent to me by Rainer (rb64).
Following remarks concerning this review by your editor: Rainer himself is the editor of a well-known frequency list, which is published each year here in Germany. I know Rainer since 10 years or so now and I am sure that the following reading held in an emotional tone is not leaded simply by a sort of "competition thinking". Many things he writes prove to be correct and it is also a good "counter criticism" to reviews appearing in european DX journals which read as if the review editor just wants to secure his personal review copy for the next year.
Comments and discussion are of course welcome!

KLINGENFUSS UTILITY GUIDE 1995

a review by rb64

If you believe in what the author Joerg Klingenfuss says about himself, his abilities and experiences in his recent book, then you must think, that the utility world has a glorious leader like the korean Kim-il-Sung - Mister Kling-il-Fuss, I presume...?? It is kind of funny, reading his complaints about other "self-appointed-leaders" - who crowned HIM to be our king ? So this review will look at the above mentioned book in 2 different ways: the one is the "facts versus fiction", and the other is just a simple (but rated!) view at the contents.

Fiction comes ahead with the statement, that the book lists 15.000 up-to-date frequencies from 2.000 stations on 568 pages, that it is the "most comprehensive, reliable and up-to-date manual in existence", and that it perfectly covers the conflicts in Asia, Africa, and on the Balkan, for a total of 80,- DM. To start with the good news: there are really 568 pages... and, of course, the price is correct, and includes even postage and handling. But for the other statements, they remain fiction after a thorough examination. The number of listed frequencies remains at about 13.000, and the number of stations declines to approximately 1.750 - a surprising difference, but this certainly derives from the sophisticated equipment used by comrade Kling-il-Fuss: counted by a pentium-processor... But its not really the number of stations or frequencies, that makes a good book; the selection and the actuality of the presented data is even more vital. Here again, the author cannot match his own standards. At first, one of the greatest gaps is the missing of most civil ground-to-air stations. We all know about the DX they bring us - and someone claiming his book to be the international reference for (among others) aero radio services is not being well advised to do so. Listing only the frequency allotments is very far from being a reference !! The same goes for many other voice transmissions; they are just ignored by Joerg Klingenfuss. Examples that you all know may be Antarctica on 9106, South American military radionets on 20885 and 18990 kHz, Carribbean police on 7850 kHz, and many more. These frequencies are all active. On the other hand, the book still lists Kiel Radio, but as a matter of fact, they passed away, and handed their main frequency of 2775 kHz over to Ruegen Radio. Try it ! And the "perfect" radio-coverage of the bosnian tragedy is a fiction, too; where are the argentinians on 20276, the polish forces on 5792, and the slovakians on 7540 kHz...? Another great

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mystery, that remains, is the use of the long trips of Joerg Klingenfuss to exotic places all over the world. Is it just for to confirm the listed frequencies of the coastal stations in the 2MHz-band? why dont we read about the RTTY-networks in south-east-asia and elsewhere on 3, 4, 5 or 6 MHz, similar to our german police-net (by the way: korean police units now have withdrawn from Goettingen, Goslar, Giessen, and Gelsenkirchen...!!) ? Just lazing on the beach, being tuned to a SSB-frequency, is not a dx-pedition !! This just makes a book worth 40,- DM costing 80,- DM !! Of course, no one can expect perfect coverage of everything - but advertising perfection is a committment for perfection, Mr. Kling-il-Fuss !! [nimm dieses, schurke !]

With this I will leave the wide field of searching mistakes and gaps in that book. It is just that this aggressive campaign of Joerg Klingenfuss causes me to do so - reading, that all other books of a similar kind are more or less usable imitations is a strong provocation !!

So now for the simple view at the contents: the main part of the book consists of a frequency list, starting at 1.6 MHz (though there are a few stations from below 150 kHz), and listing through to 30 MHz. Except for "number-stations" and the stations of the aeronautical mobile (R) service, all other kinds of utility stations are listed from those frequencies. Following is a list of 357 unidentified RTTY-stations, and some notes on the frequency allocations. An interesting part is the "alphabetical list of utility stations", where the stations from the frequency list (and a few more) are collected in country-order, including some addresses, and basic data on the country. Next to come is the callsign list, with allocations and actually used callsigns. The "RTTY Press Services", the "Meteo Services", and the "FAX schedules" certainly are a main attraction of the book, and they are being carried out in a very detailed manner. Despite some mistakes, most of them seem to be actual. Then the reader finds abbreviations and codes, definitions on modulations and stations, and more pieces of general interest.

When it comes to a recommendation, it is not easy for me. This book is of value to those having access to a RTTY-decoder with sophisticated modes, or for someone who wants each year the schedule of press or meteo stations. For all other dxers this book is only partly useful, and you should look for alternatives. But, as no one should rely on one source only, a utility dxer should buy a "Utility Guide" at least once per decade. With a lower price, this book would proof to be a useful addition to everybodys shack.

Just two final remarks: The Newsletter is on the Internet now, which means that hundreds of Utility DXers all over the world can now read the Newsletter on-line. Any of the members who wants to receive the Newsletter via Internet only can do this free of charge.

!!
!!!!
I still haven't found anyone willing to take over the editorship of the Newsletter from may to September. Gentlemen, the Newsletter has been issued since 1/86 without missing any issue so far. We should retain this good custom. If there is more than one person those participating would have even less work.

That's it for this month. Thanks to the OMs Tim Tyler, pcG, zeTC, rb64, fd40, mo76!!

73 and greetings from Cologne!
Reinhard

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Hi to all of you. A full Newsletter with good stuff. Not more to say:

N O N D I R E C T I O N A L B E A C O N S

aiSI	220	1441 SEL	Seletar	SNG id
aiSI	232	1448 BED	Bedok	SNG id
aiSI	245	1436 JR	Johor Baru	MLA id
aiSI	259	2329 TEK	Singapore/Changi	SNG id
aiSI	265	2333 SJ	Sinjon	SNG id
aiSI	270	0411 PR	Parit Buntar	MLA id
aiMA	311	2339 LMA	Lima	D id + dash
ti47	316	2340 PH	Eindhoven	HOL id
ti47	319	2341 LEC	Stavanger Consol	NOR id + dashes
aiSI	320	0604 NE	Dabo	INS id
aiSI	325	0557 AG	Sembawang	SNG id
aiSI	328	0346 HY	Hat Yai	THA id
aiMA	330	0352 NZ	Blangbintang	INS id
aiMA	335	2344 TWN	Twenthe-Enschede	HOL id
ti47	336.5	2345 NIK	Nicky	BEL id
ti47	344	0342 LK	Langkawi	MLA id
aiMA	346	2348 WLU	Luxemburg-west	LUX id
ti47	348.5	2347 LG	Liege-Bierset	BEL id
ti47	360	0334 PU	Phuket	THA id
aiMA	370	0912 BM	Bantam	INS id
aiSI	373	2354 NW	Zuid Limburg	HOL id
ti47	375	0246 ON	Medan	INS id
aiMA	377	2355 MGB	Moenchengladbach	D id
ti47	383.5	2356 GUL	Gull	HOL id
ti47	385	0328 AT	Alor Setar	MLA id
aiMA	400	0918 JB	Johor Bharu	MLA id
aiSI				

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401 0001 BET Rheine-Bentlage D id
 ti47
 406 0426 PNG Penang MLA id
 aiMA
 aiMA is ai47 Malaysia and aiSI is ai47 Singapore

M A R I T I M E

512 0918 DAN Norddeich Radio D CW, wkg id "DAN DAN"
 ti47
 1612.5 0016 GKR1 Wick Radio G CW, wkg, sitor-id
 ti47
 1615 0017 GCC Cullercoats Radio G CW, wkg, sitor-id
 ti47
 1619.5 1446 PCH Scheveningen Radio HOL CW, wkg sitor-id
 ti47
 1641 2156 OXJ Torshavn Radio FAR SSB, wkg phone fm unid
 ti47
 1665 1822 LGT Tj"me Radio NOR SSB, wkg fon to Oslo
 ti47
 1677 0038 EJM Malin Head Radio IRL SSB, wkg nav-warnings
 ti47
 1698 2244 EAR Coruna Radio E SSB, wkg fon to Spain
 ti47
 1704 0149 OXZ Lyngby Radio DNK SSB, wkg, nav warnings
 ti47
 1713 2140 PCG Scheveningen Radio HOL SSB, wkg met-report
 ti47
 1716 1750 PCG Scheveningen Radio HOL SSB, wkg, fon to HOL
 ti47
 1734 1751 OXB Blavand Radio DNK SSB, wkg fon to DNK
 ti47
 1752 2235 EJK Valentia Radio IRL SSB, wkg nav-warning
 ti47
 1797 2314 SDJ Stockholm Radio S SSB, wkg, vessel SENESJA
 ti47
 1869 2217 GKZ Humber Radio G SSB, wkg, gale-warning
 ti47
 1890 0943 PCG Scheveningen Radio HOL SSB, wkg, mx-warnings
 ti47
 2023 2110 DRHV FGS MOSEL (Gny) IWA SSB, wkg rcv fon fm Ger
 ti47
 2023 2258 DBFR Vessel WALTER HERWIG 3 IWA SSB, clg DAN for foncall
 ti47
 2060 2222 -??- unid vessel IWA SSB, clg Stockholm Radio
 ti47
 2182 0003 FFU Brest Radio F SSB, qsy 1673 for tfclst
 ti47
 2182 0011 Palma Radio E SSB, wkg "Testing, out!"
 ti47
 2182 0011 EJK Valentia Radio IRL SSB, PAN-message in E
 ti47
 2182 0025 EJK Valentia Radio IRL SSB, PAN-repeat, end!
 ti47
 2182 0044 EHMK unid IWA SSB, clg Valentia Radio
 ti47
 2182 1629 GNI Niton Radio G SSB, wkg clg P3DY2
 ti47
 2182 1633 OSU Oostende Radio BEL SSB, wkg, QSY
 ti47
 2182 1637 V2LA unid vessel IWA SSB, clg Land's End R.
 ti47
 2182 1738 YUX Bar Radio SER SSB, securit,
 ti47
 2182 1837 Palma R., Mallorca E wkg IBAR
 ai47
 2182 1838 GFWE Unid IWA wkg Cullercoats
 ai47
 2182 1838 IQX Trieste Radio I SSB, qsy 2624 for tfclst

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tj47				
2182	1908	IDF	Messina Radio	I SSB, clg IBVA
tj47				
2182	1913	SXGL	GRC-vesse1	IWA SSB, clg Limnos Radio
tj47				
2182	1921	GQUX	MV Britannia Harvester	IWA wkg Humber
ai47				
2182	1954	MBDL9	MV Seabord Swan	IWA wkg wick
ai47				
2182	2006	GREN	MV Britannia warrior	IWA wkg Humber
ai47				
2182	2042	GDJX	MV Grampian Otter	IWA wkg Wick
ai47				
2182	2043	IZN	Porto Torres R.	I wkg IBCS
ai47				
2182	2106	SPG21	Slupsk R.	POL clg Mona Cristal
ai47				
2182	2107	LF6A	Platform Valhall	IWA wkg wick
ai47				
2182	2139	PBK	Netherland Coast Guard	HOL SSB, QSY to 1713 for Nav
tj47				
2182	2139	VRMQ	Unid	IWA wkg Oostende
ai47				
2182	2240	GND	Stonehaven Radio	G SSB, clg ves. SEABOARD S.
tj47				
2182	2303	FFU	Brest Radio	F SSB, qsy 1673 for tfclst
tj47				
2182	2303	GPK	Portpatrick Radio	G SSB, qsy 1883 for tfclst
tj47				
2182	2305	OXZ	Lynby Radio	DNK SSB, qsy 1704 for tfclst
tj47				
2182	2320	DHS	Rgen Radio	D SSB, wkg, "securit,"
tj47				
2301	2241		British pilotage-ships	IWA SSB, wkg, smalltalk
tj47				
2357.5	1454	OUA	RDny rhus	DNK CW, id for OUA & OVK
tj47				
2460	1457	UDH	Riga Radio	LVA CW, sitor-id
tj47				
2484	1857	OSU	Oostende Radio	BEL SSB, wkg phone to BEL
tj47				
2569	2307	DCPA	unid	IWA SSB, clg Rgen Radio
tj47				
2598	0049	VON	St.John's Coast Guard	CAN SSB, wkg wind-warning
tj47				
2600	1821	PCG	Scheveningen Radio	HOL SSB, wkg phone to HOL
tj47				
2607	2338	FUO	F.Ny Toulon	F CW, wkg, id "vvv vvv vvv"
tj47				
2624	1840	IQX	Trieste Radio	I SSB, wkg tfc-list
tj47				
2625	2107	DRAR	FGS NIEDERSACHSEN	IWA SSB, wkg clg DHJ59
tj47				
2625	2345	UGC	St.Petersburg Radio	RUS CW, wkg, SITOR-id
tj47				
2625.5	2252	SPC	Gdynia Radio	POL CW, wkg, sitor-id
tj47				
2625.5	2255	TBH3	TUR.Ny Golcuk T43B	TUR CW, wkg, id "vvv vvv vvv"
tj47				
2643.5	1511	SPS	Witowo Radio	POL CW, sitor-id
tj47				
2656	1758	IPA	Ancona Radio	I SSB, wkg fon to Italy
tj47				
2680	1943	IDC	Cagliari Radio	I SSB, wkg wx & tfc-lst
tj47				
2680.5	0153	4XZ	ISR.Ny Haifa	ISR CW, wkg id "vvv vvv vvv"
tj47				
2691	1823	FFU	Brest-Le-Conquet Radio	F SSB, wkg, phone to F

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tj47				
2694	2005	CUL	Lisboa Radio	POR SSB, wkg tfc-1st
tj47				
2696.7	1512	GLD3	Land's End Radio	G CW, sitor-id
tj47				
2719	2340	SPS	Witowo Radio	POL SSB, wkg, nav-warnings
tj47				
2761	2221	OSU	Oostende Radio	BEL SSB, wkg tfc-list
tj47				
2775	1720	DHS	Rgen Radio	D SSB, wkg Tfc-List
tj47				
2775	1816	FFC	Arcachon Radio	F SSB, wkg Nav-warnings
tj47				
2775	2325	DAO	Kiel Radio	D SSB, clg ves.BETTY (DHFD)
tj47				
2799	1739	DAK	Norddeich Radio	D SSB, clg UECF
tj47				
2799	2254	EAV	Cabo La Nao Radio	E SSB, wkg tfc
tj47				
2806.	1627	IGJ	I.Ny Augusta	I CW, wkg id "vvv vvv vvv"
tj47				
2815.	1630	IDR	I.Ny Rome	I CW, wkg id "vvv vvv vvv"
tj47				
2824	2255	PCG	Scheveningen Radio	HOL SSB, wkg, fon to HOL
tj47				
2829.5	1519	SPB	Szczecin Radio	POL CW, sitor-id
tj47				
2832.7	0156	GNK1	Shetland Radio	G CW, wkg, SITOR-id
tj47				
3008	0127	D...	German Civil Ships	IWA SSB, wkg, tfc smalltalk
tj47				
3008	1859	P...	Dutch Civil Ships	IWA SSB, wkg, tfc, qsy 3020
tj47				
3020	2253	P...	Dutch Civil Ships	IWA SSB, wkg, tfc smalltalk
tj47				
3108	2221	D...	German Civil Ships	IWA SSB, wkg, tfc smalltalk
tj47				
3275	0645	LGB	Rogaland Radio	NOR CW, wkg SITOR-id
tj47				
3277	0647	DAN	Norddeich Radio	D CW, wkg SITOR-id
tj47				
3299	1843	GNK4	Shetland Radio	G CW, wkg clg TMW1
tj47				
3607.8	2152	GHD1	Hebrides Radio	G CW, wkg, SITOR-id
tj47				
3651.5	2146	SXA	HNY Spata Attikis	GRC CW, wkg id "vvv vvv vvv"
tj47				
3712	2148	SXA	HNY Spata Attikis	GRC CW, wkg id "vvv vvv vvv"
tj47				
4227	0632	IGJ42	I.Ny Augusta	I CW, wkg id "vvv vvv vvv"
tj47				
4231	2242	A7D	Doha Radio	QAT CW, wkg id "de a7d"
tj47				
4236	1539	UDH	Riga Radio	LVA CW, wkg id "cq cq cq de"
tj47				
4242	2245	LGW	Rogaland Radio	NOR CW, wkg traffic-list
tj47				
4250	1540	PCH20	Scheveningen Radio	HOL CW, wkg id "de pch20/.."
tj47				
4253	2245	TAH	Istanbul Radio	TUR CW, wkg id "cq cq cq de"
tj47				
4260	2214	TBA	TUR.Ny Ankara T13A	TUR CW, wkg id "vvv vvv vvv"
tj47				
4265	1541	DAM	Norddeich Radio	D CW, wkg id "vvv vvv vvv"
tj47				
4271	2250	OFJ	Helsinki Radio	FNL CW, wkg id "ofj..."
tj47				
4274	1541	GKB4	Portishead Radio	G CW, wkg id "de gkb4"

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ti47				
4275	1542	TBA	TUR.Ny Izmir	TUR CW, wkg id "vvv vvv vvv"
ti47				
4285	0636	VCS	Halifax Coast Guard	CAN CW, wkg id "vvv vvv cq"
ti47				
4292	0638	IAR	Rom Radio	I CW, wkg id "cq cq cq de"
ti47				
4294	1543	SXA33	GRC.Ny Spata Attikis	GRC CW, wkg id "vvv vvv vvv"
ti47				
4298	0638	PPO	Olinda Radio	B CW, wkg id "vvv vvv vvv"
ti47				
4303	2150	OXZ	L yngby Radio	DNK CW, wkg id "cq cq cq de"
ti47				
4331	0640	WCC	Chatham Radio	USA CW, wkg id "vvv vvv vvv"
ti47				
4331	2151	4XZ	ISR.Ny Haifa	ISR CW, wkg id "vvv vvv vvv"
ti47				
4343	2152	SVA2	Athinai Radio	GRC CW, wkg id "de sva2"
ti47				
4346	2153	9AR	Rijeka Radio	HRV CW, wkg id "vvv vvv vvv"
ti47				
4930	2146	SPW	Warsaw Radio	POL CW, wkg id "de SPW..."
ti47				
5379.5	0950	GKE3	Portishead Radio	G CW, wkg SITOR-id
ti47				
6344	1835	SVB2	Athinai Radio	GRC CW, wkg id "de svb2"
ti47				
6377	1836	4XZ	ISR.Ny Haifa	ISR CW, wkg id "vvv vvv vvv"
ti47				
6395	1837	TBA	TUR.Ny Ankara	TUR CW, wkg id "de TBA"
ti47				
6408	0854	EBA	E Ny Madrid	E cw-cq & wx
hb31				
6415	1618	SXA35	GRC.Ny Spata Attikis	GRC CW, wkg id "vvv vvv vvv"
ti47				
6425	1620	UGC	St.Petersburg	RUS CW, wkg id "de ugc ugc."
ti47				
6436.5	1840	TAH	Istanbul Radio	TUR CW, wkg id "cq cq cq de"
ti47				
6470	1622	SXA24	GRC.Ny Spata Attikis	GRC CW, wkg id "vvv vvv vvv"
ti47				
6478.7	1842	SVA2	Athinai Radio	GRC CW, wkg id "de sva2"
ti47				
6491.5	1844	VCS	Halifax Coast Guard	CAN CW, wkg id "vvv vvv cq"
ti47				
6779	1646	DRAE	FGS LŠTJENS	IWA SSB, cłg DHJ59, qsy10
ti47				
7488.5	1632	FFT	Saint Lys Radio	F CW, wkg sitor-id
ti47				
7489.5	1211	HEC	Berna Radio	SUI CW, wkg, sitor-id
ti47				
7746	1137	EAD	E.Ny Madrid	E CW, wkg, id "de ead3"
ti47				
8335.5	1642	DHJ59	GNy wilhelmshaven	D SSB, cłg DRAE, zgn, out
ti47				
8437	1803	4XZ	ISR.Ny Haifa	ISR CW, wkg id "vvv vvv vvv"
ti47				
8444.5	1508	KFS	Pało Alto R.	USA cw-cq //17184.8
ai47				
8457	1004	PKP	Dumai R.	INS cw-cq
aiSI				
8457	1051	OFJ	Helsinki Radio	FNL CW, wkg "ofj"
ti47				
8457	1400	PKP	Dumai R.	INS cw-cq
ai47				
8460	1410	3WS	Unid	VTN?cw-cq
aiMA				
8461	0856	PKD	Surabaya R.	INS cw-cq

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aiMA				
8461	0938	PKR	Semarang R.	INS cw-cq
aiSI				
8461	1349	PKR	Semarang R.	INS cw-cq
ai47				
8474	1806	JYO	Aqaba Radio	JOR cw, wkg id "cq cq cq de"
ti47				
8502	0552	PPL	Belem R.	B cw-vvv
hb31				
8511	1333	XSW2	Taichung R.	TWN cw-cq
aiMA				
8512.7	1345	VHI	AUS Ny Darwin	AUS cw-cq
hb31				
8515	1808	5AT	Tripoli Radio	LBY CW, wkg id "vvv cq de.."
ti47				
8519	1119	S3W	Unid	BGD?cw-vvv
aiMA				
8522	0134	9WW20	Kuching R.	MLE cw-cq
aiMA				
8528.5	1651	EBA	E.Ny Madrid	E CW, wkg id "cq cq cq de"
ti47				
8570	1018	XVT	Da Nang R.	VTN cw-cq
aiMA				
8570	1404	NRV	USCG Agana	GUM cw-cq
ai47				
8590	0820	XVS	Ho-chi-Minh Ville R.	VTN cw-cq
aiMA				
8686	0929	PKB	Belawan R.	INS cw-cq
aiSI				
8686	1032	PKF	Makassar R.	INS cw-cq
aiMA				
8686	1440	HSA	Bangkok R.	THA cw-cq
ai47				
8691	1124	XST	Qingdao R.	CHN cw-cq
aiMA				
8691	1352	XST	Qingdao R.	CHN cw-cq
ai47				
8694	0912	XVN3	Nhatrang R.	VTN cw-cq
aiMA				
8694	1122	XSZ	Dalian R.	CHN cw-cq
aiMA				
8694	1339	XSZ	Dalian R.	CHN cw-cq
ai47				
8705.4	0947	PKC	Palembang R.	INS cw-cq
aiSI				
8705.4	1153	PKN	Palikpapan R.	INS cw-cq
aiSI				
8861	1927	6VU	Dakar Air	SEN wkg Air Afrique 9918
ai47				
10046	1522	4XZ	ISR.Ny Haifa	ISR CW, wkg id "vvv vvv vvv"
ti47				
10192.5	1648	DRAE	FGS Luetjens	IWA SSB, c1g DHJ59, int gru
ti47				
12581	2053	LSD836	Argentina R.	ARG cw & sitor, id
ai47				
12659	1600	LZW	Varna Radio	BUL CW, wkg id "de lzw"
ti47				
12662	1602	7TF	Boufarik Radio	ALG CW, wkg id "cq cq cq de"
ti47				
12682.5	0526	PKF	Makassar R.	INS cw-cq
aiSI				
12682.5	1010	PKF	Makassar R.	INS cw-cq
ai47				
12687	1446	OFJ	Helsinki Radio	FNL CW, wkg id "ofj qsx..."
ti47				
12691	1527	FUX	F.Ny Le Port	REU CW, wkg id "vvv vvv vvv"
ti47				
12693	1526	UGC	St.Petersburg Radio	RUS CW, wkg id "de ugc"

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ti47			
12695.5	1447 CNP	Casablanca Radio	MRC CW, wkg id "cq cq cq de"
ti47			
12700	1529 XSQ	Guangzhou Radio	CHN CW, wkg id" cq de xsq"
ti47			
12704.5	1016 PKM	Bitung R.	INS cw-cq
aiMA			
12704.5	1155 PKD	Surabaya R.	INS cw-cq
aiMA			
12709	0937 A9M	Bahrain Radio	BHR CW, wkg id "de a9m qsx"
ti47			
12710	1041 XSZ	Dalian R.	CHN cw-cq
aiMA			
12718.5	1604 NMN	USCG Portsmouth	CAN CW, wkg id "cq cq cq de"
ti47			
12720	0938 SVI5	Athinai Radio	GRC CW, wkg id "de svi5"
ti47			
12727.5	0940 LGJ	Rogaland Radio	NOR CW, wkg id "cq cq cq de"
ti47			
12736.6	1605 TAH	Istanbul Radio	TUR CW, wkg id "de tah..."
ti47			
12748	0942 IRM	Rome Medico Radio	I CW, wkg id "vvv vvv vvv"
ti47			
12801	0944 TAH	Istanbul Radio	TUR CW, wkg id "de tah qsx."
ti47			
12822	0544 DZF	Bacoor R.	PHL cw-cq
aiMA			
12823.5	0945 CTP	POR.Ny Oeiras	POR CW, wkg id "de ctp"
ti47			
12833.5	0519 DZP	Novaliches R.	PHL cw-cq
aiMA			
12835.4	0947 GKB2	Portishead Radio	G CW, wkg id "de gkb2"
ti47			
12857.5	1559 6WW	F.Ny Dakar	SEN CW, wkg id "vvv vvv vvv"
ti47			
12870	0220 DZO	Bulacan R.	PHL cw-cq
aiMA			
12879.5	1108 WSC	Tuckerton R.	USA cw-cq
ai47			
12879.5	1538 WSC	Tuckerton Radio	USA CW, wkg id "cq de wsc"
ti47			
12887.5	0948 EAD	Madrid Radio	E CW, wkg id "de EAD"
ti47			
12906	1110 DZJ	Bulacan R.	PHL cw-cq
aiMA			
12912.6	0949 FFL	Saint Lys Radio	F CW, wkg id "cq cq cq de"
ti47			
12925.5	1611 WCC	Chatham Radio	USA CW, wkg id "vvv vvv vvv"
ti47			
12930.5	1543 JYO	Aqaba Radio	JOR CW, wkg id "cq cq cq de"
ti47			
12952.5	1548 VIP	Perth Radio	AUS CW, wkg id "vvv vvv vvv"
ti47			
12966.8	1613 A7D	Doha Radio	QAT CW, wkg id "de a7d..."
ti47			
12970.5	0133 PKY4	Sorong R.	INS cw-cq
aiMA			
12970.5	0532 PKX	Jakarta R.	INS cw-cq
aiSI			
12970.5	1345 PKX	Jakarta R.	INS cw-cq
ai47			
12984	0457 DZM	Bulacan R.	PHL cw-cq
aiMA			
13023	1616 D3E	Luanda Radio	AGL CW, wkg id "cq cq cq de"
ti47			
13033.5	1617 WCC	Chatham Radio	USA CW, wkg id "vvv vvv vvv"
ti47			
13042.5	1557 FUV	F.Ny Djibouti	DJI CW, wkg id "vvv vvv vvv"

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tj47
 13044 1118 VRX Hongkong R. HKG cw-cq
 aiMA
 13070 1527 UDH Riga Radio LVA CW, wkg id "cq cq cq de"
 tj47
 Windjammer Cruises? hb31
 16528 1400 Vessel "Rock Isle" IWA clg sail ves Bamboo
 hb31
 16905 1128 FUV F.Ny Djibouti DJI CW, wkg id "vvv vvv vvv"
 tj47
 16913.5 1602 DUH unid PHL CW, wkg id "cq cq cq de"
 tj47
 16918.8 1129 VHP RANy Canberra AUS CW, wkg "NAWS DE VHP.."
 tj47
 16923.7 1220 OFJ Helsinki Radio FNL CW, wkg id "ofj qsx.."
 tj47
 16948.5 1609 VCS Halifax Coast Guard CAN CW, wkg id "vvv vvv vvv"
 tj47
 16961.5 1611 FUF F.Ny Fort de France MRT CW, wkg id "vvv vvv vvv"
 tj47
 16972 1612 WCC Chatham Radio USA CW, wkg id "vvv vvv vvv"
 tj47
 17008.5 1027 TAH Istanbul Radio TUR CW, wkg id "de tah..."
 tj47
 17021.6 1028 TAH Istanbul Radio TUR CW, wkg id "de tah..."
 tj47
 17027 1029 FFL Saint Lys Radio F CW, wkg id "cq cq cq de"
 tj47
 17034 0559 VWB Bombay R. IND cw-vvv cq
 aiMA
 17050 1225 4XZ ISR.Ny Haifa ISR CW, wkg id "vvv vvv vvv"
 tj47
 17091 1227 XSQ Guangzhou Radio CHN CW, wkg id "vvv vvv vvv"
 tj47
 17135 1031 UTQ unid (Kiev Radio?) UKR CW, wkg id "cq cq cq de"
 tj47
 17164.8 1632 ZSC Capetown Radio AFS CW, wkg id "cq cq cq de"
 tj47
 17170.4 1135 CNP Casablanca Radio MRC CW, wkg id "cq cq cq de"
 tj47
 17175 1136 A9M Bahrain Radio BHR CW, wkg id "de a9m k"
 tj47
 17184.8 0648 PKE Amboina R. INS cw-cq
 aiSI
 17184.8 1208 PKE Amboina R. INS cw-cq
 ai47
 17251 0027 JBO Tokyo R. J anns for tfc
 aiMA
 22729 1037 5BA Cyprus Radio CYP SSB, wkg id OM
 tj47

A E R O N A U T I C A L

2869 2216 Samara Volmet RUS SSB, wkg, airport-wx
 tj47
 2872 2237 Aero Shanwick IRL SSB, wkg, unid flight
 tj47
 2941 0037 St.Petersburg Volmet RUS SSB, wkg, airport-wx
 tj47
 2941 2217 Moscow Volmet RUS SSB, wkg, airport-wx
 tj47
 2941 2259 Rostov Volmet RUS SSB, wkg, airport-wx
 tj47
 3016 0220 Aero Shanwick IRL SSB, wkg, clg EGBR
 tj47
 3116 1630 Rescue 61+14 AIR wkg Gluecksburg
 ai47
 3413 1845 Shannon Volmet IRL SSB, wkg, TAF-wx
 tj47

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3476	0626	Aero Shanwick	IRL SSB, wkg, DELTA-14
ti47			
3485	0627	Gander Volmet	CAN SSB, wkg, airport-wx
ti47			
4645	1603	Tallin Volmet	EST SSB, wkg, airport-wx
ti47			
4722	1604 MVU	RAF W.Drayton Volmet	G SSB, wkg, a.f.b.-wx
ti47			
4742	0853 Architect	RAF Upavon	G SSB, wkg C-Charly-13
ti47			
5505	1612	Shannon Volmet	IRL SSB, wkg, airport-wx
ti47			
5616	0954	Aero Shanwick	IRL SSB, wkg REACH-10 posrep
ti47			
5658	2211	Aero Karachi	PAK SSB, wkg posrep, unid fl.
ti47			
6617	1822	Moscow Volmet	RUS SSB, wkg, airport-wx
ti47			
6637	0626	LDOC Rockwell, Cedar R.	USA wkg United 988
hb31			
6637	1714	LDOC Qantas, Sydney	AUS wkg Qantas 62
hb31			
8208	1758	Bangkok Meteo R.	THA IS, OM Thai anns
ai47			
8825	1526	Aero St.Maria	AZR SSB, wkg posrep of unid
ti47			
8861	0053 AV02	Port Blair Air	ADM E wkg a/c 763
aiMA			
8864	1529	Aero Shanwick	IRL SSB, wkg, JETSET-519
ti47			
8906	1220	Shanwick Aero	IRL SSB, wkg, clg TEMPO-81
ti47			
8906	1222 IBERIA	6171 Iberian Airlines	AIR SSB, wkg, clg ST.MARIA
ti47			
8930	1614	Stockholm Radio	S SSB, wkg, unid flight
ti47			
8930	1758	unid flight	AIR SSB, wkg, posrep
ti47			
8939	0853	Kiev Volmet	UKR SSB, wkg, airport-wx
ti47			
8942	1148	Ho-chi-Minh Air	VTN E wkg a/c 601
aiMA			
8942	1357	Vientiane Air	LAO E wkg KLM 878
aiMA			
8957	1800	Shannon Volmet	IRL SSB, wkg, TAF-wx
ti47			
8987	1803 MKL	RAF Pitreavie Castle	G SSB, wkg, TAF-wx
ti47			
9032	1000 Architect	RAF Upavon	G SSB, wkg, volmet-wx
ti47			
10051	1523	Gander Volmet	CAN SSB, wkg, TAF-wx
ti47			
10069	1541	Hapag-Lloyd Hannover	D SSB, wkg call to Madeira
ti47			
11200	1436 MVU	RAF W. Drayton Volmet	G SSB, wkg, airport-wx
ti47			
11279	1437	Aktyubinsk Volmet	KAZ SSB, wkg, airport-wx
ti47			
11297	1128	Rostov Volmet	RUS SSB, wkg, airport-wx
ti47			
11297	1438	St.Petersburg Volmet	RUS SSB, wkg, airport-wx
ti47			
11297	1544	Moscow Volmet	RUS SSB, wkg, airport-wx
ti47			
11297	1551	Kiev Volmet	UKR SSB, wkg, airport-wx
ti47			
11396	1414	Jakarta Air	INS wkg Japan Air
hb31			

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13264 1604 Shannon Volmet IRL SSB, wkg, airport-wx
 ti47
 13339 1137 Saudia Jeddah ARS SSB, wkg unid flight
 ti47
 13342 1012 Speedbird British Airways L. G SSB, wkg, posrep of unid
 ti47

F I X E D B A N D S

2238 1828 6LNK unid (Tactical-Net?) ??? CW, wkg handk. for N28U
 ti47
 2270 1910 Spy-Network (X01) ??? AM, wkg msg 5ltr groups
 ti47
 2302 0947 LJK7 unid ??? CW, wkg "LJK7 vvvvvvvv.."
 ti47
 2362 2357 HVZY unid ??? CW, wkg cont. "HVZY"
 ti47
 2515 2247 Spy-Network (X02) ??? AM, wkg, id "CIO2"
 ti47
 2601 0013 unid ??? CW, wkg handkey letters
 ti47
 2626 0930 Spy-Network (X03) ??? AM, wkg id "FTJ2"
 ti47
 2628 2306 Spy-Network (X04) ??? AM, wkg msg 5ltr groups
 ti47
 2707 2206 Spy-Network (B13/K30) D SSB, wkg, msg 5nr groups
 ti47
 2733 2246 A7KG unid (Tactical-Net?) ??? CW, cont."FQR=A7KG AR"
 ti47
 2743 2031 Spy-Network (X05) ??? AM, wkg, id "ULX2"
 ti47
 2745 2343 Spy-Network (B20/K100) D SSB, wkg, msg 5nr groups
 ti47
 2748 2048 E5ZP unid (Tactical-Net?) ??? CW, wkg, clg EL5Q
 ti47
 2878 1806 VZ8P unid ??? CW, wkg, id "vz8p vz8p.."
 ti47
 2953 2349 Spy-Network (X06) ??? AM, wkg, id "v1b2"
 ti47
 3055 0026 EFJ42 unid E CW, wkg "vvv cq cq de.."
 ti47
 3067 0030 6LKN unid (Tactical-Net) ??? CW, wkg handkey 5nr grps
 ti47
 3067 1615 unid ??? CW, wkg handk. 5nr groups
 ti47
 3145 1837 unid ??? CW, wkg, hkt, 5nr groups
 ti47
 3150 2111 Spy-Network (X07) ??? AM, wkg, msg 5ltr groups
 ti47
 3195 2058 unid ??? CW, wkg cont "R"-mrkr
 ti47
 3228 1929 unid (Tactical-Net?) ??? CW, wkg 5ltr groups
 ti47
 32280 2230 Spy-Network (B18/K78) D SSB, wkg id "R-G"
 ti47
 3239 2257 IBJ9 unid ??? CW, wkg clg AB8M QSA?
 ti47
 3247 2120 unid ??? CW, wkg handkey numbers
 ti47
 3256 2122 VI75 unid (Tactical-Net?) ??? CW, wkg clg 1WBT
 ti47
 3268 0642 unid ??? CW, wkg handkey "vvv"
 ti47
 3280 1759 OLX PTT Prague CZR CW, wkg id "vvv vvv vvv"
 ti47
 3286 2125 unid (Tactical-Net?) ??? CW, wkg handkey 5ltr gr.
 ti47
 3309 2227 HEP INTERPOL Zurich SUI CW, wkg id "vvv vvv vvv"
 ti47

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3314	2131	HEP	INTERPOL Zurich	SUI CW, wkg id "vvv vvv vvv"
ti47				
3357	1744	TBH3	TUR Ny Gölçuk	TUR cw-vvv
hb31				
3417	1911		Spy-Network (X08)	??? AM, wkg msg 5ltr groups
ti47				
3558	1524	DK0WCY	DARC-Aurora-Beacon	D CW, wkg, id
ti47				
3801.5	1847	DEK30	DRK Quickborn	D SSB, wkg clg DEK99 (unid)
ti47				
3823	2100		Spy-Network (S01/K76)	??? AM, wkg, "752-00"
ti47				
3824	2301		Spy-Network (O07/K102)	??? AM, wkg, glockenspiel-id
ti47				
3840	2112		Spy-Network (X09)	??? AM, wkg, msg 5ltr groups
ti47				
3881	0939	FAV22	FAF Mons-Valerien	F CW, wkg handkey exercise
ti47				
3938	1021	2PTM	unid (Tactical-Net?)	??? CW, handk.tfc for K5NV
ti47				
4048	2010		Spy-Network (Z02/K99)	(D) AM, wkg msg 5nr groups
ti47				
4270	2010		Spy-Network (X11)	??? AM, wkg, msg 5ltr groups
ti47				
4461	1807		Spy-Network (X13)	??? AM, wkg msg 5ltr groups
ti47				
4463	2045		Spy-Network (X14)	??? AM, wkg, msg 5ltr groups
ti47				
4543	1901		Spy-Network (B10/K24)	D SSB, wkg, id "R-D"
ti47				
4560	1601		Spy-Network (X15)	??? AM, wkg id "YHF2"
ti47				
4571	2159		unid	??? CW, wkg cont. "V"-mrkr
ti47				
4665	2047		Spy-Network (X16)	??? AM, wkg, id "VLB2"
ti47				
4779	2302		Spy-Network (O02/K57)	??? AM, wkg, glockenspiel-id
ti47				
4780	1811		Spy-Network (X17)	??? AM, wkg, id "KPA2"
ti47				
4880	1606		Spy-Network (X18)	??? AM, wkg, msg 5ltr groups
ti47				
4905	0859	FDJ3	unid FAF in ???	F CW, wkg id "vvv vvv vvv"
ti47				
4910	2317	KWS78	U.S.E. Athinai	GRC CW, wkg, id "vvv vvv vvv"
ti47				
5015	2202		Spy-Network (B08/K08)	D SSB, wkg id "G-K"
ti47				
5091	1634		Spy-Network (X20)	??? AM, wkg, msg 5ltr groups
ti47				
5102	1115	FDY	FAF Orleans	F CW, wkg, id "vvv vvv vvv"
ti47				
5128	1110		unid	??? CW, wkg 5nr groups
ti47				
5230	1914		Spy-Network (X21)	??? AM, wkg, id "SYN2"
ti47				
5301.5	1958	OLX	PTT Prague	CZR CW, wkg "vvv de olx"
ti47				
5310	2328		UNPROFOR Mil-Net	BHG SSB, wkg encrypted msg
ti47				
5340	2102		Spy-Network (O05/K74)	??? AM, wkg, "12345 67890"
ti47				
5342	1610	FDY	FAF Orleans	F CW, wkg id "vvv vvv vvv"
ti47				
5437	2211		Spy-Network (X23)	??? AM, wkg, msg 5ltr groups
ti47				
5471	2149	LN2A	PTT Oslo	NOR CW, wkg id + phasing
ti47				

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5748	2202		Spy-Network (O03/K58)	??? AM, wkg, "12345 67890"
ti47				
5820	1507		Spy-Network (X25)	??? AM, wkg, msg 5ltr groups
ti47				
6370	1626		Spy-Network (X27)	??? AM, wkg id "SYN7"
ti47				
6485	2209		Spy-Network (M07/K87)	??? SSB, wkg id "29869"
ti47				
6745	1737		Spy-Network (X28)	??? AM, wkg id "MIW2"
ti47				
6797	2104		Spy-Network (E17/K89)	??? AM, wkg "404 1234567890"
ti47				
6841	0943	FDG6	FAF Cazaux	F CW, wkg handkey exercise
ti47				
6853	1903		Spy-Network (B11/K25)	D SSB, wkg "VL, 026-44"
ti47				
6859.5	1153	FDC	FAF Metz	F CW, wkg, id "vvv vvv"
ti47				
6959	1906		Spy-Network (M05/K80)	??? SSB, wkg msg for 83733
ti47				
6965	1858	YMB20	Bandirma Meteo	TUR cw-cq & wx
hb31				
7372	0007		Spy-Network (X30)	??? AM, wkg, id "GBZM"
ti47				
7378	1134	FDE2	FAF Tours	F CW, wkg, id "vvv vvv vvv"
ti47				
7410	2105		Spy-Network (E18/K90)	??? AM, wkg "404 1234567890"
ti47				
7445	2212		Spy-Network (X31)	??? AM, wkg, id "MIW2"
ti47				
7515	1345	FDG12	FAF Unid	F cw-vvv
hb31				
7605	2149		Spy-Network (X32)	??? AM, wkg, id "VLB2"
ti47				
7798	1138	OMX	unid MIL-NET	??? SSB, wkg, posrep
ti47				
7866	1931		Spy-Network (X33)	??? AM, wkg id "SYN14D24ZP"
ti47				
7872	1214	LN2A	PTT Oslo	NOR CW, wkg, id + phasing
ti47				
7917	1317	FDC	FAF Metz	F CW, wkg id "vvv vvv vvv"
ti47				
8063	2332		Spy-Network (B05/K05)	D SSB, wkg id "S-B"
ti47				
8095	1048	FDC	FAF Metz	F CW, wkg, id "vvv vvv vvv"
ti47				
8127	2149		Spy-Network (X34)	??? AM, wkg, id "CIO2"
ti47				
8188	1029		Spy-Network (O08/K103)	??? AM, wkg msg 5nr groups
ti47				
8296	1033		Spy-Network (O09/K104)	??? AM, wkg msg 5nr groups
ti47				
8488	1204		Spy-Network (O10/K106)	??? AM, wkg glockenspiel-id
ti47				
8641	1915		Spy-Network (X35)	??? AM, wkg, id "MIW2"
ti47				
9130	2150		Spy-Network (X36)	??? AM, wkg, msg 5ltr groups
ti47				
9251	2106		Spy-Network (M03/K67)	??? SSB, wkg, msg for 06420
ti47				
9260	2208		Spy-Network (M04/K79)	??? SSB, wkg, id "92754"
ti47				
9996	1539	RWM	TS Moscow	RUS CW, wkg id "vvv cq de.."
ti47				
10000	1159	BPM	SAO Lintong TS	CHN CW, wkg, id "de bpm"
ti47				
10005	1520	LA1K	unid	??? CW, wkg, id "cq cq cq de"
ti47				

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10144 ti47	1532	DK0WCY	DARC Sderbrarup	D	CW, (Aurora-Beacon) id
10231 ti47	1601		unid	???	CW, wkg "6448xx6448xx.."
10407 ai47	1317	LN2A	PTT Oslo	NOR	cw & sitor, cw-id
10408 ti47	1056	LN2A	PTT Oslo	NOR	CW, wkg id + phasing
10426 ti47	1804		Spy-Network (M06/K81)	???	SSB, wkg, id "33829"
10529 ti47	1318		Spy-Network (E19/K94)	???	AM, wkg, msg 5nr groups
10820 ti47	1534		Spy-Network (X38)	???	AM, wkg, "SYN2"
12603 ti47	1808		Spy-Network (M09/K93)	???	SSB, wkg msg for 36991
13207 ti47	1053	3FMS	unid	???	CW, wkg clg O8MN
13375 ti47	1506		Spy-Network (M08/K88)	???	SSB, wkg id "08331"
13927 ai47	2018	AR248	MARS Western Sahara	AOE	E wkg AFA1..
13974 ai47	1615	NNN0CRK	USS Ponce	IWA	E wkg NNN0TDU
13974 ai47	1954	NNN0CEK	USS Wasp	IWA	E wkg NNN0TDU
13974 ai47	1959	NNN0CRU	USS Unid	IWA	E wkg NNN0TDU
14391.5 ai47	1629	NNN0CNP	USS Brainbridge	IWA	E wkg NNN0BMV
14391.5 ai47	1630	NNN0BMV	MARS Unid	USA	E wkg NNN0CNP
14391.5 ai47	2043	NNN0CZA	USS Deyo	IWA	E wkg NNN0ZTI
14470 ai47	1509	NNN0TDU	MARS Falmouth, ME	USA	E wkg NNN0CRB
14470 ai47	2033	NNN0CYZ	USS whidbey Island	IWA	E wkg NNN0ICK
14477 ai47	1914	NNN0NNE	USNS Harkness	IWA	E wkg NNN0NIG
14487 ti47	1105		Spy-Network (M10/K98)	???	SSB, wkg msg for 04954
14548 ti47	1020		unid	???	CW, wkg 5ltr groups
14838.5 ai47	1334	NNN0JCL	USS Jarret	IWA	E wkg NNN0JMQ
16084 ti47	1125		Spy-Network (M11/K101)	???	SSB, wkg msg 5nr groups
17017 ti47	1224		unid	???	CW, cont. "C"
17410 ti47	1131		Spy-Network (X44)	???	AM, wkg id "EZI"

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147.3 ti47	0917	DDH47	Meteo Quickborn	D	ITA2/50 met reps & id
1889 ti47	0727	HIA	S.Ny Haersfjaerden	S	ITA2/50 msg 5ltr groups
2622.5 ti47	2356	DHM72	Meteo Grengel	D	ITA2/100 met reps (mil)
2690.5 ti47	0110	DHJ51	Meteo Grengel	D	ITA2/100 met reps (mil)
2720 ti47	0219	?????	unid Meteo	???	ITA2/50 met reps
2845 ti47	0949	PBB	RNN Den Helder	HOL	ITA2/75 freq-management
2892.3 ti47	0222	MTO	RN Rosyth	G	ITA2/75 freq-management

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3038	2351	FQY	S.Ny Gotland	S	ITA2/50	test-tape
ti47						
3134	2354	FQY	S.Ny Gotland	S	ITA2/50	msgs 5ltr groups
ti47						
3172.5	0112	IMB31	Meteo Rome	I	ITA2/50	met reps
ti47						
3196	1912	OKLA	Meteo Prague	CZR	ITA2/50	met reps
ti47						
3210	1554	LYK	Klaipeda Radio	LTU	ITA2/50	traffic-list
ti47						
3250	2341	EIP	Aero Shannon AFTN	IRL	ITA2/50	id "ryryryry"
ti47						
3279	0113	DHJ51	Meteo Grengel	D	ITA2/100	met reps (mil)
ti47						
3290	0114	RGC70	Meteo Kiev	UKR	ITA2/50	met reps
ti47						
3340	0140	?????	unid	???	ITA2/50	ryryryryryryry
ti47						
3388	2044		unid	???	ITA2/50	5ltr groups
ti47						
3390	0115	MGJ	RN Faslane	G	ITA2/75	freq-management
ti47						
3550	0226	YMA20	Meteo Ankara	TUR	ITA2/50	met reps
ti47						
3635	1839	RCK77	Meteo Novosibirsk	RUS	ITA2/50	Met-reps
ti47						
3655	0228	RVZ73	Meteo Arkhangelsk	RUS	ITA2/50	met reps
ti47						
3710	0230	RGJ61	Meteo Samara	RUS	ITA2/50	met reps
ti47						
3745	0257	DHJ51	Meteo Grengel	D	ITA2/100	met reps
ti47						
3750	0116	RBV71	Meteo Tashkent	UZB	ITA2/50	met reps
ti47						
3764.4	0951	PBB	RNN Den Helder	HOL	ITA2/75	freq-managment
ti47						
3780	0117	BZC75	Meteo Urumqi	CHN	ITA2/50	met reps & id ry
ti47						
3862.1	0618	ECFG	unid	???	ITA2/50	id ryryryryryry
ti47						
4002	0119	YRR4	Meteo Bucuresti	ROU	ITA2/50	met reps
ti47						
4221	2126	GYU	RN Gibraltar	GIB	ITA2/75	freq-management
ti47						
4258.2	0120	MTO	RN Rosyth	G	ITA2/75	freq-management
ti47						
4271	0121	CFH	CAN.Ny Halifax	CAN	ITA2/75	met reps & id
ti47						
4280	0953	PBC	RNN Goeree	HOL	ITA2/75	freq-management
ti47						
4295	0737	HWN	F.Ny Paris	F	ITA2/75	calltape
ti47						
4336	1628	OKLA	Meteo Prague	CZR	ITA2/50	met reps
ti47						
4442	0122	RGC72	Meteo Kiev	UKR	ITA2/50	met reps
ti47						
4445	0122	ROF73	Meteo Novosibirsk	RUS	ITA2/50	met reps
ti47						
4489	0123	GFL26	Meteo Bracknell	G	ITA2/50	met reps
ti47						
4570	0246	HZN46	Meteo Jeddah	ARS	ITA2/100	met reps
ti47						
4583	0955	DDK2	Meteo Quickborn	D	ITA2/50	met reps
ti47						
4753	0739	EGWR	USAF Croughton	G	ITA2/75	met reps (mil)
ti47						
4785.5	0956	DHJ51	Meteo Grengel	D	ITA2/100	met reps (mil)
ti47						

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4813	0124	LZA8	Meteo Sofia	BUL	ITA2/50 met reps
ti47					
5083	1256	DHJ51	Meteo Grengel	D	ITA2/100 met reps & id
ti47					
5140	0047	RWW73	Meteo Moscow	RUS	ITA2/50 met reps
ti47					
5190	0125	BZC75	Meteo Urumqi	CHN	ITA2/50 id ryryryryryry
ti47					
5240	1937	YZI213	TANJUG Belgrade	SER	ITA2/50 E-nx
ti47					
5269	0958	DHN37	Meteo Grengel	D	ITA2/100 met reps (mil)
ti47					
5275	2152	SUA211	MENA Kairo	EGY	ITA2/75 E-nx
ti47					
5312	0629	DFZG	MFA Belgrade	SER	ITA2/75 ryryryryryryryryry
ti47					
5345	1445	RSW71	Meteo Arkhangelsk	RUS	ITA2/50 met reps
ti47					
5400	1543	YOG37	Meteo Bucuresti	ROU	ITA2/50 met reps
ti47					
5407	1019	MKK	ARMY London	G	B9W-ITA2/50 test-tape
ti47					
5430	0128	RVM75	Meteo Tashkent	UZB	ITA2/50 met reps
ti47					
5474	0250	CSY21	Aero St.Maria AFTN	AZR	ITA2/50 airreps/posreps
ti47					
5731	0633	YRR	Meteo Bucuresti	ROU	ITA2/50 met reps
ti47					
5832.5	1021	DDH716	unid	D	ITA2/100 id "ryryryryryry"
ti47					
5887.5	0251	IMB32	Meteo Rome	I	ITA2/50 met reps
ti47					
6336.2	1001	MTO	RN Rosyth	G	ITA2/75 freq-management
ti47					
6348	1002	HWN	F.Ny Paris	F	ITA2/75 calltape
ti47					
6358.5	1504	PBC	RNN Goeree	HOL	ITA2/75 freq-management
ti47					
6388	1001	EBA	E.Ny Madrid	E	ITA2/75 Nav-Warnings
ti47					
6483	1505	PBB	RNN Den Helder	HOL	ITA2/75 freq-management
ti47					
6835	1945	GFL22	Meteo Bracknell	G	ITA2/50 met reps
ti47					
6920	1007	RGC70	Meteo Kiev	UKR	ITA2/50 met reps
ti47					
6972	1844	YOG59	ROMPRES Bucuresti	ROU	ITA2/50 E-nx
ti47					
7319	2158	SUU	Meteo Kairo	EGY	ITA2/75 met reps & id
ti47					
7408	1605	FDY	FAF Orleans	F	ITA2/50 test-tape
ti47					
7520	1942	BZP57	XNA Beijing	CHN	ITA2/75 E-nx
ti47					
7625	0253	HZN47	Meteo Jeddah	ARS	ITA2/100 met reps
ti47					
7646	1105	DDH7	Meteo Quickborn	D	ITA2/50 met reps & id
ti47					
7650	1942	BZR67	XNA Beijing	CHN	ITA2/75 E-nx
ti47					
7658	1005	YZI223	TANJUG Belgrade	SER	ITA2/50 E-nx
ti47					
7663.5	1640	FDY	FAF Orleans	F	ITA2/50 test-tape
ti47					
7681	2227	GXQ	RN whitehall	G	B9W-ITA2/50 Test-tape
ti47					
7685	1429	RBK75	Meteo Moscow	RUS	ITA2/50 met reps
ti47					

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7727	1642	FDY	FAF Orleans	F	ITA2/50 test-tape
ti47					
7760	0915	RGH77	Meteo Arkhangelsk	RUS	ITA2/50 met reps
ti47					
7760	1508	RGH77	Meteo Arkhangelsk	RUS	ITA2/50 met reps
ti47					
7801	1509	EPX9	IRNA Teheran	IRN	ITA2/50 e-nx
ti47					
7808	0745	DFZG	MFA Belgrade	SER	ITA2/75 E-diplo-nx
ti47					
7855	0131	ROK74	Meteo Moskau	RUS	ITA2/50 met reps
ti47					
7947	0916	DHJ51	Meteo Grengel	D	ITA2/100 met reps (MIL)
ti47					
7959	1632	9BC23	IRNA Teheran	IRN	ITA2/50 e-nx
ti47					
7960	0917	OMZ	MFA Prague	CZR	ITA2/100 CZR-diplo-nx
ti47					
7999	1647	FDY	FAF Orleans	F	ITA2/50 test-tape
ti47					
8028	0710	SNG202	unid	POL	ITA2/100 id ryryryryryry
ti47					
8049	1949	9BC25	IRNA Tehran	IRN	ITA2/50 E-nx
ti47					
8145	1008	EIP	AERO Shannon AFTN	IRL	ITA2/50 airport-wx
ti47					
8154	0719	SNN299	MFA Warsaw	POL	ITA2/75 POL-nx
ti47					
8165	1950	5YD	Aero Nairobi AFTN	KEN	ITA2/50 id "ryryryryryry"
ti47					
8453	1633	HWN	F.Ny Paris	F	ITA2/75 calltape
ti47					
8454	1012	UJY	Kaliningrad Radio	KAL	ITA2/50 ship-telex
ti47					
8528	1929	UFB	Odessa Radio	UKR	ITA2/50 Ukr-NX
ti47					
8528.5	0959	EBA	E.Ny Madrid	E	ITA2/75 nav warnings
ti47					
8613	1143	MTO	RN Rosyth	G	ITA2/75 freq-management
ti47					
8626	0133	GYU	RN Gibraltar	GIB	ITA2/75 freq-management
ti47					
8672.8	1015	MTO	RN Rosyth	G	ITA2/75 freq-management
ti47					
9041	1849	5YE	Meteo Nairobi	KEN	ITA2/100 mete reps
ti47					
9046	0748	DFZG	MFA Belgrade	SER	ITA2/75 E-diplo-nx
ti47					
9114	1016	HGG31	MTI Budapest	HNG	ITA2/50 id ryryryryryry
ti47					
9130	1850	MTO	RN Rosyth	G	ITA2/75 freq-management
ti47					
9153	0724	SNN299	MFA Warsaw	POL	ITA2/75 POL-nx
ti47					
9154	0136	?????	unid Meteo	???	ITA2/50 met reps
ti47					
9266	1017		MFA Bratislava	SLO	ITA2/100 SLO-diplo-nx
ti47					
9278	0921	OMZ	MFA Prague	CZR	ITA2/100 CZR-diplo-nx
ti47					
9435	1054	GXQ	RN whitehall	G	B9W-ITA2/50 Test-tape
ti47					
9797	1019	YOJ27	ROMPRES Bucuresti	ROU	ITA2/50 F-nx
ti47					
9994	1516	CSY65	Aero St.Maria AFTN	AZR	ITA2/50 Airreps
ti47					
10158	1020	DOR	MFA Sofia	BUL	ITA2/75 BUL-diplo-nx
ti47					

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10200 ti47	1021 MKK	ARMY London	G B9W-ITA2/50 test-tape
10213 ti47	0943 CNM29	MAP Rabat	MRC ITA2/50 timesced
10215 ti47	1434 HZN48	Meteo Jeddah	ARS ITA2/100 met reps
10424 ti47	0913 YMA20	Meteo Ankara	TUR ITA2/50 met reps
10536 ti47	1845 CFH	CAN.Ny Halifax	CAN ITA2/75 met reps
10551 ti47	1023 GFL23	Meteo Bracknell	G ITA2/50 met reps
10634 ti47	1519 CNM37	MAP Rabat	MRC ITA2/50 timesced
10865 ti47	1536 NAM	USNY Norfolk	USA FAX wx-charts
10945 ai47	1332 CFH	CAN Ny Halifax	CAN msgs
11063 ti47	1437 LZU2	Meteo Sofia	BUL ITA2/50 met reps
11080 ti47	1521	SANA Damaskus	SYR ITA2/50 id ryryryryry
11125 ti47	1522 DHJ51	Meteo Grengel	D ITA2/100 met reps
11133 ti47	1522 BZG41	XNA Beijing	CHN ITA2/50 f-nx
11139 ti47	0751 DFZG	MFA Belgrade	SER ITA2/75 E-diplo-nx
11430 ti47	0947 HMF55	KCNA Pyongyang	KRE ITA2/50 id "ryryryryry"
11450 ti47	1026 RDD77	Meteo Moscow	RUS ITA2/50 met reps
11453 ti47	1026 IMB33	Meteo Rome	I ITA2/50 met reps
11536 ti47	1151 HMF49	KCNA Pyongyang	KRE ITA2/50 E-nx
11604 ti47	1027 YZI233	TANJUG Belgrade	SER ITA2/50 E-nx
11680 ti47	1527 BZP51	XNA Beijing	CHN ITA2/75 E-nx
12124 ti47	1028 DOR	MFA Sofia	BUL ITA2/75 BUL-diplo-nx
12212.5 ti47	1029 YZ07	TANJUG Belgrade	SER ITA2/50 E-nx
12228.4 ti47	1529 BZR61	XNA Beijing	CHN ITA2/75 E-nx
12906 ti47	1030 MTO	RN Rosyth	G ITA2/75 freq-management
12947 ti47	1030 UFB	Odessa Radio	UKR ITA2/50 ship-telex
13397 ti47	0751 DFZG	MFA Belgrade	SER ITA2/75 E-diplo-nx
13440 ti47	1031 YZJ5	TANJUG Belgrade	SER ITA2/50 E-nx
13530 ti47	1531 RVW53	Meteo Moscow	RUS ITA2/50 met reps
13580 ti47	0924 HMF36	KCNA Pyongyang	KRE ITA2/50 E-nx
14356 ti47	1033 GFL24	Meteo Bracknell	G ITA2/50 met reps
14367 ti47	1033 BZP54	XNA Beijing	CHN ITA2/75 E-nx
14387 ti47	0952 ASP32	MFA Islamabad	PAK ITA2/75 diplo-nx
14760 ti47	1035 CNM61	MAP Rabat	MRC ITA2/50 F-nx
14785 ti47	1548 ATP65	INDIINFO New Delhi	IND ITA2/50 E-nx

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15655	1035	CNM65	MAP Rabat	MRC	ITA2/50	F-nx		
ti47								
15705	1534	YZI237	TANJUG Belgrade	SER	ITA2/50	E-nx		
ti47								
16136	1036	BZR66	XNA Beijing	CHN	ITA2/75	E-nx		
ti47								
17020	1010	UDK2	RUS.Ny Murmansk	RUS	ITA2/50	E-nx & Info		
ti47								
18173	1535	STK	Aero Karthoum AFTN	SDN	ITA2/50	id ryryryryry		
ti47								
18264.9	1038	CNM78	MAP Rabat	MRC	ITA2/50	F-nx		
ti47								
18388	1026	5AF	AERO Tripoli AFTN	LYB	ITA2/50	id ryryryryry		
ti47								
18496.1	1536	CNM80	MAP Rabat	MRC	ITA2/50	F-nx		
ti47								
19171	1039	CNM85	MAP Rabat	MRC	ITA2/50	F-nx		
ti47								
19860	1040	MTO	RN Rosyth	G	ITA2/75	freq-management		
ti47								
22865	1028	5YE	Meteo Nairobi	KEN	ITA2/100	met reps & id		
ti47								

Q S L - R E V I E W

AIR-a/c Connie 810	52	ham-C/	8930			
ai47						
AIR-a/c MK Aircargo	159	PPC/	11300	9G-MKC		
ai47						
AIR-a/c Rescue 61+14	19	PPC,L/	3116	Rescue 61+14	380W	
ai47						
AIR-a/c Whitestar 112	396	PPC,VC,I/	5541			
ai47						
AIR-MRT Kinloss/Kintail	10	PPC/SASE	5680	Alpine23		
js38						
AIR-MRT Leuchars/Glencoe	17	PPC/SASE f/up	5680	Alpine22	30W	
js38						
ALS-NAF Cape Prince of wales	60	C full det, info	16804	NAF		
cw37						
AUT-MV Partenstein	30	PPC/RP	4000	OEDV		
hb31						
CHL-Antofagasta R.	119	L,tourist info/1\$	8461	CBA		
hb31						
CNR-NDB Gando/Las Palmas	18	L,PPC/RP via Madrid	350	"PM"		
hb31						
CNR-NDB La Entallada Lt.	12	PPC/RP via Madrid	291.9	"LA"		
hb31						
CNR-NDB La Isleta Lt.	12	PPC/RP via Madrid	291.9	"LT"		
hb31						
CPV-Sal Air	20	PPC/1\$	8861			
hb31						
CUB-Habana R.	81	PPC,I f/up	16961	CLA	5kw	
ai47						
D -BFST Husum	16	PPC	13580	DEA47	300W	
ai47						
D -NATO Geilenkirchen	10	PPC,I f/up	11270.5	DHN66		
ai47						
D -NDB Leine/Goedringen	9	PPC/SASE tnx to hb31	1384	"DLE"	50W	
js38						
D -Ruegen R.	28	C,Info	2775	DHS		
cw37						
E -Palma R.	24	L,Info/RP back	1755			
hb31						
F -NDB Toulouse	428	PPC/RP	423	"TS"		
hb31						
G -Coastguard Brixham	5	L,Info/RP	2182			
hb31						
G -Coastguard Dover	8	L,Info/RP	2182			
hb31						

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G -Coastguard Portland hb31	22	PPC/RP	2182		
G -Coastguard Shetland hb31	5	PPC/RP	2182		
G -Coastguard Tyne/Tees hb31	17	PPC/RP	2182		
GRD-NDB Point Salines aiGD	86	PPC f/up	362	"GND"	600w
HRV-NDB Cres hb31	11	PPC/1\$	433	"CRE"	
HRV-NDB Losinj hb31	11	PPC/1\$	432	"LOS"	
I -NDB Brindisi hb31	37	PPC/RP	363.5	"BRD"	
INS-Palembang R. ai47	30	L	8705.4	PKC	1kw
INS-Semarang R. ai47	52	L	8461	PKR	1kw
INS-Surabaya R. ai47	41	L	17239.7	PKD	1kw
IWA-G Ny Vessel Ensdorf ai47	14	PPC,Foto,Sticker	3116	DRFN	100w
IWA-G Ny Vessel Niedersachsen ai47	44	PPC,L	8335.5	DRAR	1kw
IWA-HMS Cattistock js38	15	PPC,L,sticker/RP	6647	GYHJ	5w
IWA-MV Arco Avon (Dredger) js38	10	PPC,L,Fo,Info/SASE	2182	GGNV	500w
IWA-MV Britannia Harvester ai47	37	PPC,Foto	2182	GQUX	250w
IWA-MV Dalton Queen ai47	52	PPC,Foto	2182	GIAQ	
IWA-MV DSV O.T.S. Yeoman js38	18	PPC/-	2182	ZFWQ	
IWA-MV Duesseldorf Express ai47	152	PPC,Calendar	16528	DGDC	1.4kw
IWA-MV Grampian Highlander hb31	57	L/RP	2182		
IWA-MV Grampian Orcadas ai47	77	PPC	2182	MPBF4	500w
IWA-MV Maersk Chancellor js38	27	PPC/SASE	2182	MFMV6	
IWA-MV Maersk Gabarus js38	12	PPC/SASE f/up	2182	ZCAG7	100w
IWA-MV Seabord Integrity ai47	34	PPC,L	2182	GYZW	25w
IWA-MV Seabord Skua ai47	20	PPC,L	2182	MNFV9	400w
IWA-MV Toisa Petrel js38	17	PPC,L/SASE	2182	C6KA7	250w
IWA-MV Veesea Topaz ai47	41	PPC	2182	ZHFX6	
IWA-MVA Grampian Haven ai47	94	PPC,L,Foto	2182	GCLG	
IWA-Platform Forties C ai47	87	PPC	2182	MKEU	60w
IWA-USS Detroit ai47	102	PPC,L,Foto,Info	14470	NNN0CRB	500w
IWA-USS Jarret ai47	49	PPC,L,Foto	14838.5	NNN0CJL	400w
IWA-USS Mauna Kea ai47	157	PPC,L,Foto	14463.5	NNN0CTL	600w
LBN-MEA Cedar Base hb31	25	L,PPC/RP via Frankfurt	13330		
LCA-LIAT Saint Lucia ai47	132	PPC f/up	5568	"vigie"	150w
MTN-Nouakchott Air hb31	16	PPC/1\$	8861		6kw

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NOR-Bodoe Air ai47	272	PPC	8891		5kw
NOR-Bodoe Rescue ai47	304	PPC	5680		5kw
NOR-NTRA Oslo ai47	27	L	10407	LN2A	
POL-NDB Poznan hb31	66	L,PPC,Sticker/1\$	429		
SCN-NDB Golden Rock aiGD	30	PPC f/up	325	"SKB"	125W
THA-Thai Meteo R. hb31	43	L/1\$	8208		
USA-MARS Annona,TX js38	40	PPC,L,ham-C/-	14441.5	NNN0ZQF	600W
USA-MARS Boca Raton,FL js38	119	PPC/SASE	14467	NNN0TEP	2kw
USA-MARS Cedar Hill,TX js38	46	PPC/1\$	14441.5	NNN0HVG	700W
USA-MARS Douglasville,GA js38	43	PPC,C/RP	14441.5	NNN0KWE	100W
USA-MARS Fond du Lac,IL js38	17	PPC,C,Fo/1\$	14818.5	NNN0HQA	100W
USA-MARS Inverness,FL js38	40	PPC,C/1\$	14383.5	NNN0SNW	250W
USA-MARS Islip Terrace,NY js38	42	PPC,C/-	14441.5	NNN0XMT	
USA-MARS Jacksonville,FL js38	47	PPC,L,C/1\$	14441.5	NNN0TWP	100W
USA-MARS Moorpark,CA js38	106	PPC,ham-C/1\$	14441.5	NNN0WNQ	
USA-MARS Myrtle Beach,SC js38	24	PPC/1\$	14441.5	NNN0RWO	200W
USA-MARS Nashville,GA js38	8	PPC/1\$	14483.5	NNN0PSX	
USA-MARS Wimberley,TX js38	38	PPC,C/\$	14441.5	NNN0HLQ	1kw
VEN-TS Cagigal aiGD	61	C,PPC,L f/up	5000	YVTO	2kw

One remark cf. German DEA47: This station is mysterious to many DXers (at least in respect to QSLing). This station now sent out a QSL to ai47 and another DXer, but it was clearly stated by the veriesigner that there will be no further QSL under any circumstances. "The favour of QSLing should not be answered by the propagation of the name and the address of the station" he wrote. So please don't try to find out name and address, you won't get a QSL, you would bring the guy in trouble instead (ed.)

Comment on the NAF QSL (Alaska) by cw37: V/s was Bob Rose after one year (follow up) saying: Project PENEX was discontinued at the end of 1994. Most of the data never analyzed". So there will be no additional beacon on Rarotonga. However I've read somewhere that there is still something going on at that site (67N 168W). Not detectable by "normal" receivers though. Really a pity that they stopped this remote outlet... cw37.

ADDRESSES & VERIESIGNERS

a/c Connie 810 (Kalitta Flying Service): The Ham-C was from KG0PN, Todd Robitsch, Rt. 1, Box 26A, Fisk, MO 63940, USA
 NDB Saint Kitts: Saint Kitts Aeradio, Civil Aviation Authority, Golden Rock, Airport, Basseterre, Saint Kitts, West Indies

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NDB Point Salines: Point Salines Aeradio, Civil Aviation Authority, Point Salines Airport, Point Salines, Grenada
Habana Radio CLA: V/s Eduardo R. Mendoza, P.O. Box 21056, Alamar, Habana 12500, Cuba
Bodoe Aeradio/Bodoe Rescue: V/s Bjoern Jensen, Manager, Luftfartsverket, Bodoe ACC, Bodoe
Aeradio, Postboks 814, N-8001 Bodoe (The PPC from Bodoe Rescue was signed and stamped by
Bodoe Aeradio. But frequency stated was 5680 kHz).
USS Jarret: FPO AP 96669-1489
USS Mauna Kea: FPO AP 96672-3001
USS Detroit: FPO AE 09567-3015 (all by ai47)

NDB "POZ" Poznan: Przedsiębiorstwo Państwowe "Porty Lotnicze", Oddział Pozn n, Agencja Ruchu Lotniczego, PL-60-189 Poznan, ul. Bukowska 285, Poland
Palma Radio: Telefonica, Direccion Provincial Baleares, Seccion Apoyo Comercial, E-07 Palma de Mallorca, Spain (They claim that their transmitter on 1755 is in Madrid, can't be true.
New central address for spanish maritime stations: Telefonica, Redes para Moviles, Servicio Maritimo y Aeronautico, C/Beatriz de Bobadilla 3, E-28040 Madrid, Spain, Fax xx34 1 584 92
71 (all by hb31)

I N F O S

UK coastal radio stations are due to come off 2182 distress watch at the end of June 1995
and UK Coastguard will take it over with there much more limited stations. At the same time
Landsend/GLD will cease operational distress watch on 500 kHz and all 500 kHz distress watch
will be routed to Stonehaven/GND until the decision is made to discontinue the watch.
Landsend and Stonehaven will continue broadcast to ships for the time being and both will
maintain a watch on 2182 for commercial and reporting purposes.
All other coastal radiostations are only on commercial working now and staffing at each is
being reduced to 2 men only (Bob Dixon, InterNet).

N E W P U B L I C A T I O N S

Some remarks by cw37:
"Just a short comment concerning rb64's review of Kling-il-Fuss' "Utility Guide 1995". I'm
generally not sure whether it is good style if the author of one publication reviews the
publication of another guy active in the same field. The following facts should be obvious
for everybody active in the field of Utility DXing: "Klingenfuss List" is mainly good for
RTTY, "Siebel List" is mainly good for SSB (and CW at times), "Ferrel's CFL" is mainly good
for surprises (i.e. it also lists stations that are still active but very seldom reported).
Each publisher of these books wants to make potential buyers make believe "this is the
best". Is there anybody among us who really believes in that? Don't we all know since many
years that Klingenfuss is widely useless for SSB freaks, that Siebel is not so rewarding for
RTTY buffs, and the CFL is only for the experienced UTE-DXer since it lists a great number
of - to say it carefully - "historic" frequencies and stations? When I'm reviewing these
titles I'm always telling the people about these facts. We shouldn't waste our

time discussing concepts of advertising. I think most of us are intelligent enough to see the one and only aim behind it: selling more books. One publisher never stops saying something like "I'm the best, f... the rest", another one uses a very positive review for a full page of advertising in magazines (haven't seen something like that before). It's their decision, not ours. But if an author tries to make policy in this way, I'm not sure if this is a very helpful step for the development of his own publication. This is just a personal view of course." (I've got some comments from DXers who reacted positively, saying they had a lot of fun with rb's comments, though not as detailed as OM cw37. I think the remarks above shed some light on the other aspects of reviewing - last but not least cw37 is himself an experienced reviewer and tester, so I regard it appropriate to bring his comments in full length, - but this should be the end of the discussion, ed.)

Further info on publications by cw37:

"And now to something completely different: I just added a CD-ROM drive to my PC and I must say that I'm really amazed about its possibilities. There are already a couple of CD-ROMS available that might be of particular interest to Ute-DXers. For those interested in DXing US stations the "Street Atlas USA" of DeLorme might be of particular interest: it turns your computer into a complete atlas of the USA. I think you'll find no tiny village that is not available on printed atlases available in book shops. I tried the Alaskan islands and found a surprising number of small islands containing places where people are living (and transmitting?). You can locate places by ZIP codes, telephone numbers or names. Really a most fascinating product. I'm looking forward to a CD-ROM that provides this kind of detailed information for the whole world! May be in a few years.

There are other CD-ROMs that might be of interest. Among them is one just issued by Klingenfuss Publications. The main thing it does is listing frequencies and stations from the current printed Utility Guide. You can search for them by frequency, call, station's name or country. However, it's not possible to show more than one station on the screen at the same time. It's difficult - but not impossible - to print out special interest listings (e.g. all UN stations, all FAX stations etc.). I have the feeling that it's good first step in this field, but so far it's not an alternative to the printed version because a lot of details about times and codes used are not on the CD-ROM. But I'm sure that OM Klingenfuss will be very active in this field with improved versions in the years to come.

Watch this space for more info on useful CD-ROMs. Vy 73 de cw37.." Thanks a lot, Harald!

One other thing from me (ed.): The "Handbuch der Navigationshilfen" by Juergen Trochimczyk (3rd edition 1991) and the "Utility Address Handbook", written by yours truly

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(2nd edition 1989) is sold out by wilhelm Herbst Verlag for 12DM each first come first served. Orders got to WHV, Postfach 45 05 06, D-50880 Cologne, Germany...

We have to say a hearty welcome to a couple of new members: From Luxemburg gsLX, from England kLG, from Belgium gdBE; Jim Navary and Rick Baker as temporary ("paper copy") members from the US. Have fun!!!

T H E M O S T I M P O R T A N T T H I N G T O C O M E F O R T H E F I N A L !!!

At least we found an editor for the Newsletter for the months May, June, July and September!!

It is:

ANDREAS IBOLD
MITTELSTRASSE 10
D-47441 MOERS
GERMANY

Andreas is a very experienced Utility DXer and will surely make it. Please, please & please again. I ask you to support Andreas in every respect in carrying out the next for issues of the Newsletter, especially in submitting your logs and infos to him. Thanks a lot to all of you
!!
!!!!!!!!!!!!!!!!!!!!

Harold/ht45, Peter/pcG, Ary/abNL, Friedhelm/fd40, Zdenek/zeTC, Kurt/koCH, Joachim/js38!
Your logs will be used in Newsletter May 95.

Thanks to all of you who diligently sent in their stuff - the outcome is a really nice piece of Utility info.

I will be on my research trip from May to the beginning or mid of September. Countries to be visited will be Zambia (2 months), Malawi (1 month) and Tanzania (1 month). I will take a Lowe HF-150 with me. Perhaps I'll find some time to catch some Utility DX.

See you. with my best wishes to all of you for a nice and prosperous summer!!!

NEWSLETTER 5/95

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Hi folks. welcome to this edition of the Newsletter produced in Moers. I got

some logs from Reinhard which he hasn't publish yet. So let's start and have fun!

NON DIRECTIONAL BEACONS

288.1a	2114	VN	Capo Vaticano	I	id + short silence
fd40					
290	2109	ONL	Liège-Bierset	BEL	id
fd40					
293	2125	GR	Goeree?	?	id
fd40					
298.5	2147	AB	UNID	?	id + dash
fd40					
303.5	2146	FB	Flamborough Head	G	id + dash
fd40					
303.5	2147	FV	Falsterborev Lt.	S	id + dash
fd40					
312.5	0512	CM	Cromer Lt.	G	id + dash
fd40					
314	2258	OZ	Brussels	BEL	id
fd40					
316	2159	PH	Eindhoven RNAF	HOL	id cont.
fd40					
317.5	2248	TRP	Trapani	I	id
fd40					
317.5	2253	VS	Valenciennes	F	id
fd40					
320	2238	FFM	Frankfurt/Main	D	id
fd40					
322	1826	GDA	Gdansk	POL	id
zeTC					
322	2228	OU	Stockholm-Bromma	S	id
fd40					
323	2200	BAI	Bari-Palese	I	id
zeTC					
323	2213	ONC	Charleroi	BEL	id + dash
fd40					
324	2224	ON	Norköping	S	id
fd40					
328	2210	OLS	Paris Orly-South	F	id, compare with BGW
fd40					
332a	1900	SHO	UNID	?	id
fd40					
332	1904	LL	Lille	F	id
fd40					
332	2139	RHI	Rhine	SUI	id
fd40					
334	2136	BGW	Le Bouget	F	id, not like F without
dashfd40					
338	2317	OA	Jönköping	S	id
fd40					
344	2330	HEK	Hekka	FNL	id
fd40					
346	2248	WLU	Luxembourg	LUX	id
fd40					
352	2237	ZO	Stavanger/Sola	NOR	id
fd40					
353	2308	SB	St. Briec	F	id + dash
fd40					
355	2248	TRN	Turnberry	G	id
fd40					
357.5	2351	FAL	Falconara	I	id
fd40					
358	0000	SCV	Suceava	ROU	id
fd40					
358	2253	GRK	Grakallen	NOR	id
fd40					

				UTNL1995		
359	0005	LK	Lidköping		S	id
fd40						
359	0348	SAN	London-Stansted		G	id
fd40						
364	0009	FNL	Kittila		FNL	id
fd40						
366	2301	KM	Kalmar		S	id
fd40						
368	2150	RK	Roskilde-Copenhagen		DNK	id
zeTC						
368	2305	FN	Findal		NOR	id
fd40						
370	2153	LB	Ängelholm		S	id
zeTC						
372	0125	ODR	Odderoy		NOR	id
fd40						
374	0019	RNR	Radnor		G	id
fd40						
375	0021	OO	Oostende		BEL	id
fd40						
375	2059	RB	Örebro		S	id
fd40+zeTC						
376.5	0024	ORI	Oriol Serio		I	id
fd40						
377	2158	DZD	UNID		???	id (6x/min)
zeTC						
377	0027	OL	Luléa		S	id
fd40						
379	0046	CZ	Charleville		F	id + dash
fd40						
379	2118	REK	Reksten		NOR	id
fd40						
380	2058	LF	Ronneby		S	id
zeTC						
380	2126	BRI	Bristol		G	id
fd40						
380	2327	ULA	Ula platform		IWA	id
fd40						
381	0046	SIB	Sibiu		ROU	id
fd40						
381	2057	RY	Rygge-Tune		NOR	id
fd40+zeTC						
383	0117	LST	Lista		NOR	id
fd40						
383	2130	SHD	Scotstownhead		G	id
fd40						
385	0110	BLV	UNID		?	id
fd40						
385	2349	WL	Barrow/walney Isl.		G	id
fd40						
385.5	2340	KIL	Kiel-Holtenau		D	id + dash
zeTC+fd40						
386	0115	BZ	Brize Norton		G	id
fd40						
386	2109	LK	Tallinn		EST	id
zeTC						
386a	2217	LK	UNID		?	id
fd40						
387	2220	VDL	Vardal		NOR	id
fd40						
389	2230	MR	Myra/Skien		NOR	id
zeTC+fd40						
390	0102	VL	Arvika		S	id
fd40						
391	0011	BV	Beauville/Tille		F	id + dash
fd40						
391	2300	GDY	Mariehamn		FNL	id
fd40						

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392	2215	RW	Tegeł	D	id
fd40					
392.5	2149	TOP	Torino-Caselle	I	id
zeTC					
393	0055	TAT	Tautra	NOR	id
fd40					
394	0058	NB	Stockholm-Bromma	S	id
fd40					
395	2305	HEN	Henton	G	id
fd40					
397.2	2319	DHE	Helgoland	D	id
fd40					
398.5	0049	OTR	Ottringham	G	id
fd40					
399	2120	FM	Trollhättam	S	id
zeTC					
399	2320	NGY	New Galloway	G	id
fd40					
400	2326	STU	Strumble Head	G	id
fd40					
400.5	0000	EJ	Esbjerg	DNK	id
fd40					
401	0041	FNL	Fenland	G	id
fd40					
402	0039	ORW	Paris-Orly	F	id
fd40					
402	0152	DA	Ales Deaux	F	id + dash
fd40					
402	2126	LX	Eskilstuna	S	id
zeTC					
402.5	2354	LBA	Leeds & Bradford	G	id
fd40					
403	2030	OJ	Jönköping	S	id
zeTC					
403.5	0131	BMR	Bai Mare	ROU	id
fd40					
403.5	0136	MRV	Merville/Calonne	F	id + dash
fd40					
404a	0026	BMR	Baia Mare	ROM	id
fd40					
404	2031	DA	Dalen/Torp	NOR	id
zeTC					
404	2034	NL	Nołsö	FAR	id
fd40+zeTC					
405	2032	AV	Göteborg-Säve	S	id
fd40+zeTC					
406	2036	HOZ	Holzendorf	D	id + dash
zeTC					
407	2131	BG	Berga	S	id
zeTC					
409	2038	SG	Satenäs	S	id
fd40+zeTC					
409	2339	DAR	Darłowo	POL	id
zeTC+fd40					
410	2342	RF	Erfurt	D	id
fd40					
411	2342	PP	UNID	?	id
fd40					
412	0117	R	Arvika	S	id
fd40					
413	0448	KTI	Kuhtai	AUT	id
fd40					
413	2041	BOA	Bologna	I	id
zeTC					
413.5	0127	GLT	Galati	ROU	id
fd40					
413.5	2048	DLS	Berlin-Lübras	D	id
zeTC					

413.5 fd40	2348	DLS	Berlin-Tegeľ	D	id
414 zeTC+fd40	0016	SLB	Solberg	NOR	id
415 fd40	0015	OL	Linköping/Saab	S	id
415 fd40	0107	RUS	Russe	BUL	id
415 zeTC	2051	OL	Lynköping-Saab	S	id
416 zeTC	2053	POZ	Pozarevac	YUG	id + dash
417 zeTC+fd40	0114	AH	Angelholm	S	id
418 fd40	0109	RI	Rijeka	CRO	id + dash
418a fd40	2345	RI	Rijeka? qsy?	?	id
419 zeTC	2140	RD	Västeras-Hasslo	S	id
420 fd40	0033	BAZ	Bayreuth	D	id
420 fd40	0037	INN	Inn	AUT	id
420 fd40+zeTC	2138	SS	Malmö-Sturup	S	id
420 fd40	2349	INN	Inn	AUT	id
421 fd40	0000	BUR	Burnham	G	id
421 fd40	0003	BL	Borlänge	S	id
421 fd40+zeTC	2142	T	Lynköping-Saab	S	id
423 zeTC	2143	FE	Odense	DNK	id
423a fd40	2327	GMH	UNID	?	id
425 fd40	0010	PW	Prestwick	G	id
425 zeTC+fd40	2326	ORU	Orust	S	id
425.6 fd40	2313	PV	UNID	?	id
426 fd40	0049	BC	Bacau	ROU	id
426 fd40	2303	GBG	Gleichenberg	AUT	id
426.5 fd40	0012	MIQ	Mike	D	id
427.5a fd40	2255	BST	Lanveo? qsy?	F	id
429 fd40	0026	CLN	Clacton	G	id
440 fd40	0031	PIA	Piacenza	I	id
449a fd40	0031	SBX	UNID	?	id
449 fd40	2217	OKX	Frydland	TCH	id
453 fd40	0024	CN	Piestany	SVK	id
484 fd40	0211	HOF	Hof	D	id
486a fd40	2315	IA	Brno/Turany	SVK	id + dash
486a fd40	2335	HG	UNID	?	id

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487a	2338	FX	UNID		? id
fd40					
490a	2356	KO	UNID		? id (looks like ROU)
fd40					
510	2349	ST	St. Truiden	BEL	id + dash
fd40					
513	2346	CLJ	Cluj/Napoca	ROU	id
fd40					
695	1824	T	Trecin	SVK	id
zeTC					
850	2126	BN	Bronitsa	UKR	id
zeTC					
880	2111	WO	UNID	EST?	id (8x/min)
zeTC					
898	2123	EWZ	Viljandi	EST	id
zeTC					

M A R I T I M E

122.3	1325	OUA	DANNy Stevns	DNK	cw-vvv
ht45					
1610	0037	SPA	Gdynia R.	POL	cw-id & sitor
zeTC					
1650	1953	GND	Stonehaven R.	G	E r/t tfc id
zeTC					
1665	1945	LGF	Tjöme R.	NOR	NOR r/t tfc id
zeTC					
1674	1920	LGV	Vardö R.	NOR	E/NOR r/t tfc id
zeTC					
1680	2006	LGL	Florö R.	NOR	NOR r/t tfc id
zeTC					
1698	1933	EAR	La Coruna R.	E	S r/t tfc id
zeTC					
1734	1943	OXB	Blavand R.	DNK	DAN r/t tfc id
zeTC					
1764	1947	EAF	Finisterre R.	E	S r/t tfc id
zeTC					
1785	2006	LGZ	Farsund R.	NOR	NOR r/t tfc id
zeTC					
1892	1933	PCH	Scheveningen R.	HOL	tfc list
abNL					
2182	0607		Thames CG	G	r/c w Portland CG
js38					
2182	0610		Cap Frehel	IWA	wkg Le Conquet
js38					
2182	0610	C6KA7	Toisa Petrel	IWA	wkg Wick
js38					
2182	0609	3ENW4	Lorelay	IWA	wkg GCC
js38					
2182	0615		Belgique	IWA	wkg Le Conquet
js38					
2182	0617		Compamare Roma pse HELP	?	clg tug
js38					
2182	0621	GGNV	Arco Avon	IWA	wkg GNF
js38					
2182	0629	UUDP	Kazakhstan	IWA	wkg Halifax
js38					
2182	0636		Veslik Viking	IWA	clg Frigg Radio Room
js38					
2182	0639		OIL Transporter	IWA	wkg Maersk Highlander
js38					
2182	0641	VCYS	Maersk Gabarus	IWA	wkg Neddrill Tain
js38					
2182	0645		Belard (ro-ro)	IWA	wkg Humber
js38					
2182	0649		Loodsboot 2	IWA	wkg Oostanfang

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js38 2182	0708	GUVR	Piper Bravo plf	IWA	wkg West Epsilon
js38 2182	0716		Borgland Dophin	IWA	wkg Rogaland
js38 2182	0717	DLCI	Hai	IWA	wkg Boullion
js38 2182	0720		Palma R.	E	wkg C4PE
js38 2182	0725		Vikingborg	IWA	wkg Humber
js38 2182	0727		Amerada Hess 001 plf	IWA	wkg wick
js38 2182	0732		Grampian Freedom	IWA	wkg Highland Star
js38 2182	0747	MFMV6	Maersk Chacellor	IWA	wkg Maersk Chignecto
js38 2182	0752		Isafjödthur R.	ISL	anns for wx
js38 2182	0751	2ISF	Ninian Central plf	IWA	r/c w wick
js38 2182	0754		West Epsilon	IWA	wkg Port Regency
js38 2182	0755		OTS Ehrmann	IWA	wkg Blavand
js38 2182	0758		Grampian Star	IWA	wkg wick
js38 2182	0800		Mangoro	IWA	wkg Le Conquet
js38 2182	0806		Norisia	IWA	wkg Humber
js38 2182	0806	PADG	Bloys van Treslong	IWA	wkg Ijmuiden Rescue
js38 2182	0810	3FAN2	Borgland Dolphin	IWA	clg wick
js38 2182	0814		Dea Supporter	IWA	wkg wick
js38 2182	0814		Grampian Chieftain	IWA	wkg wick
js38 2182	0822	EIJX	Bell Racer	IWA	wkg Norddeich
js38 2182	0839		Brixham CG	G	wkg Lands End
js38 2182	0901		Skegness Lifeboat	IWA	wkg Humber
js38 2182	0904		Brodospas Sun	IWA	wkg Clyde CG
js38 2182	0913		Antwerp Radioinspektie	IWA	test w Oostende
js38 2182	0921	ZFWQ	OTS Yeoman	IWA	wkg Lobster
js38 2182	0912	GFWU	Lfb 44-009 (Arranmore)	IWA	wkg Netherland CG
js38 2182	1012		Stena London	IWA	wkg Niton
js38 2182	1017		Lowestoft Lifeboat	IWA	r/c w Humber
js38 2182	1020		Weymouth Lifeboat	IWA	r/c w Niton
js38 2182	1040		Newhaven Lifeboat	IWA	r/c w Niton
js38 2182	1756		Dea Pilot pse HELP	?	wkg Stony
ai47 2182	1835	IQQ	Mazara del Vallo R.	I	anns for wx
ai47 2182	1913	SVK	Kerkyra R.	GRC	wkg SYTJ
ai47 2182	1917	SXFD	Daedalus	IWA	wkg Ancona R.

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ai47						
2182	1949	GFRP	St. Vincent	IWA	wkg Cullercoats	
ai47						
2182	2004		Grampian warrior	IWA	wkg Wick	
ai47						
2182	2006	IKDZ	Rubicone	IWA	wkg Ancona	
ai47						
2182	2028	ICDA	Alcinia pse HELP	IWA	wkg Napoli	
ai47						
2182	2039	MNDL9	Seaboard Swan	IWA	wkg Wick	
ai47						
2182	2034	PGCS	Neddrill 7	IWA	wkg Humber	
ai47						
2182	2051	GFXT	UNID pse HELP	IWA	wkg Stony	
ai47						
2182	2053	OWEA6	Maersk Jutlander	IWA	wkg Seaboard Int.	
ai47						
2182	2055	PGDH	Neddrill 6	IWA	wkg Wick	
ai47						
2182	2139	GDQK	UNID pse HELP	IWA	wkg Lands End	
ai47						
2182	0603	VCP	St. Lawrence CGR	CAN	E/P anns for 2598	
js38						
2182	0633	VCN	Cap-aux-Meules CGR	CAN	anns for 2598	
js38						
2182	0636		UNID CCG	CAN	anns for 2598	
js38						
4117	2140	EUCG	UNID MV	IWA	clg Lyngby R.	
abNL						
4275	2130	TBA5	TNY Ankara	TUR	clg 'tbdj'	
pcG						
6268	1043	OXZ	Lyngby R.	DNK	cw-id & sitor	
zeTC						
6288	1335	IGJ43	INy Augusta	I	cw-vvv	
ht45						
6320.5	1340	FFT	Saint Lys R.	F	cw-fft+sitor	
ht45						
6329.5	1929	VCT	Tors Cove R.	CAN	cw-id + sitor	
ai47						
6357	1342	SAA	Karlskrona R.	S	cw-cq	pcG+
ht45						
6391.5	1338	GKP3	Portishead R.	G	cw-gkp3+sitor	
ht45						
6395	1345	TBA3	TURNy Ankara	TUR	cw	
ht45						
6393.5	2148	UDK2	Murmansk R.	RUS	cw-'41s de udk2'	
pcG						
6425	2151	UGC	St. Petersburg R.	RUS	cw-de ugc...	
pcG						
8240	0155	NFFS	USCGC Chandeleur	IWA	wkg NMG	
ai47						
8240	1745	ELRI3	Goodrich Bay pse HELP	IWA	wkg Portishead	
ai47						
8249.5	1402	IDR4	INy Rome	I	cw-vvv	
ht45						
8377	1640	ELNS3	Master Baltic Star	IWA	SITOR A/100, msgs	
fd40						
8383	1413	KYXX	UNID MV	TUR	SITOR A/100, msgs	
fd40						
8437	1404	4XZ	ISRNY Haifa	ISR	cw-vvv	
ht45						
8448	1405	A9M	Hamala R.	BHR	cw-de // 12698	
ht45						
8457	1406	OFJ	Helsinki R.	FNL	cw-ofj qsx 12 mhz k	
ht45						
8493	1411	TBA4	TURNy Ankara	TUR	cw-vvv	
ht45						
8506	0808	UDH	Riga R.	LAT	cw-cq	

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pCG	8512.5	0800	VHI4	RANy Darwin	AUS	cw-vvv
pCG	8512.7	2138	VHI	Ny Darwin	AUS	cw-vvv
zeTC	8515	1413	5AT	Tripoli R.	LBY	cw-vvv
ht45	8541	0810	LYL	Klaipeda R.	LIT	cw-de ly1 qsx ...
pCG	8600	1418	XSV	Tianjin R.	CHN	cw-cq
ht45	8623	1420	5BA	Nicosia R.	CYP	cw-cq
ht45	8680	2146	WSC	Tuckerton R.	USA	cw-cq
zeTC	8682	1426	EAD	Madrid R.	E	cw-de
ht45	8700	1429	9AR	Rijeka R.	HRV	cw-vvv
ht45	8704	1430	SVB	Athens R.	GRC	cw-de
ht45	8704	2154	JOS	Nagasaki R.	J	cw-cq
zeTC	8764	0155	NMG	USCG New Orleans	USA	wkg NFFS
ai47	12488.5	1806	UUAO	Akademik Vereschagin	IWA	SITOR A/100/170, msg
fd40	12662	1321	7TF8	Boufarik R.	ALG	cw-cq
pCG	12659.5	1322	9VG37	Singapore R.	SNG	cw-vvv cq + freq info
pCG	12670.5	1454	SUZ	Serapeum R.	EGY	cw-cq nav warn
ai47	12673.5	1328	CLA	Havana R.	CUB	cw-cq
pCG	12678	1447	9MG3	Penang R.	MLA	cw
ht45	12699	2130	HPP	Panama INTEL MAR	PNR	cw
pCG	12695.5	1444	9VG37	Singapore R.	SNG	cw-vvv
ht45	12707	1329	9VG34	Singapore R.	SNG	cw-vvv cq + freq info
pCG	12709	1330	A9M	Bharain R.	BHR	cw-de
pCG	12712	1335	HLW3	Seoul R.	KOR	cw-cq
pCG	12721	1336	SPH61	Gydnia R.	POL	cw-cq
pCG	12724	1339	9VG57	Singapore R.	SNG	wkg tfc
pCG	12727	1340	HLJ	Seoul R.	KOR	cw-cq
pCG	12735	1448	URL	Sevastopol R.	UKR	cw-de
ht45	12785	1458	XSX	Keelung R.	TWN	cw-cq
ht45	12808.5	1344	VTG7	INDNy Bombay	IND	cw-vvv
ht45+pCG	12811.3	1345	HZY	Ras Tanura R.	ARS	cw-cq
pCG	12823.5	1000	CTP	PORNy Lisboa	POR	cw-de
pCG	12826.5	1235	JCS	Choshi R.	J	cw-cq
pCG	12856	1504	XSG	Shanghai R.	CHN	cw-cq
ht45	12879.5	1240	WSC	Tuckerton R.	USA	cw-cq

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pcG					
12891	1507	UFN	Novosibirsk R.	RUS	cw-de
ht45					
12887.5	1505	EAD	Madrid R.	E	cw-de
ht45					
12925.5	1246	WCC	Chatham R.	USA	cw-cq
pcG					
12966.8	1511	A7D	Doha R.	QAT	cw-de
ht45					
12971.5	1515	SUH	Alexandria R.	EGY	cw-cq
ht45					
12984	1250	4XZ	ISRNY Haifa	ISR	cw-vvv
pcG					
13011	1522	AQP	PAKny Karachi	PAK	cw-vvv
ht45					
13020.4	1253	VRX	Hongkong R.	HKG	cw-cq
pcG					
13024.9	1258	WLO	Mobile R.	USA	cw-de
pcG					
13033.5	1528	FUV	FNY Djibouti	DJI	cw-vvv
ht45					
13055	1530	UTQ7	Kiyev? (yes, ed)	UKR	cw-cq
ht45					
13070	1301	UDH	Riga R.	LAT	cw-cq
pcG					
13069.5	1259	JOS	Nagasaki R.	J	cw-de
pcG					
13076.7	1532	HZG	Damman R.	ARS	cw-de
ht45					
16911	1237	JNA	JNY Tokyo	J	cw-cq
pcG					
16932	1304	7TF10	Boufarik R	ALG	cw-cq
pcG					
16933	1305	WCC	Chatham R.	USA	cw-qtc list
pcG					
16935	1307	A7D	Doha R.	QAT	cw-manual wkg tfc
pcG					
16961.5	1310	FUF	FNY Fort-de-France	MRT	cw-vvv
pcG					
17021.5	1311	TAH	Istanbul R.	TUR	cw-cq
pcG					
17050	1312	4XZ	ISRNY Haifa	ISR	cw-vvv
pcG					
17091	1315	XSQ	Guangzhou R.	CHN	cw-cq
pcG					
17135	1317	UTQ	Kiyev R.	URK	cw-cq
pcG					

A E R O N A U T I C A L

4542	2332		Magic 79	AIR	wkg Croughton
abNL					
5658	2219		Nairobi Aero	KEN	wkg Khartoum
fd40					
5658	2221		Addis Aero	ETH	wkg Nairobi
fd40					
5658	2223		Asmara Aero	ERT	wkg AF463
fd40					
5658	2215		Cairo Aero	EGY	wkg Spreadbird 62
fd40					
5658	2222		Bombay Aero	IND	wkg Delta 57
fd40					
5680	0553		Bodoe Rescue	NOR	clg Longyear Information
fd40					
5680	0617		Riga Rescue	LAT	id, clg Tingstaede
fd40					

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5680 fd40	0720		Stockholm Rescue	S	id, wkg Y70 r/c
5680 js38	0751		Solli 15	AIR	clg Bodö
5680 js38	0742		Alpine 24	G	wkg Edinburgh Res.
5680 js38	0759		Alpine 21	G	r/c w Edinburgh Res.
5680 js38	0808	DRCG	GNYS Hermelin	IWA	r/c w Glücksburg Rescue
5680 js38	0816		Alpine 23	G	r/c w Edinburgh Res.
5680 js38	0817		Alpine 22	G	r/c w Edinburgh Res.
5680 js38	0900		Stavanger Rescue	NOR	r/c w Stockholm Rescue
5680 js38	0903	SAE	Tingstäde R.	S	clg Riga Rescue
5680 js38	0911	DRFO	GNYS Hameln	IWA	wkg Glücksburg Rescue
5696 js38	0830		Culdrose Ops	G	Culdrose AF is now open
5696 fd40	2255	NMR	USCG San Juan	PTR	wkg W1712
5696 fd40	2243	NMN	Camlant	USA	testing w/ CG 6002
6556 abNL	1743		Neth. CG Center	HOL	wkg CG03
6556 abNL	1750		Neth. CG03	AIR	wkg Savannah, r/c BC-QRM
6647 js38	0053	GUYW	HMS Guernsey	IWA	clg MAFF
6647 js38	0848	GYHJ	HMS Cattistock	IWA	wkg MAFF
6647 js38	0919	GXYR	HMS Anglesey	IWA	wkg watchdog 93
6647 js38	1028	GUYZ	HMS Lindisfarne	IWA	wkg MAFF
6712 abNL	2330		Magic 79	AIR	wkg Croughton
8861 js38	1858		Canarias Aero	CNR	E wkg Sa1 Aero
8879 fd40	2303		Gander Aero	CAN	wkg Springbok 288
8903 fd40	2030		Luanda Aero	AGL	wkg LH473 and AF43
8903 fd40	2053		N'Djmena Aero	TCD	wkg Speedbird GB-NLH
8903 fd40	2130		Brazzaville Aero	COG	wkg Kinshasa
8903 fd40	2101		Kinshasa Aero	ZAI	wkg Portugal 238
8903 fd40	2108		Honolulu Aero	HAW	wkg world 274
8903 fd40	2040	5NK	Kano Aero	NIG	wkg Cameroon 778
8903 fd40	2037		Manila Aero	PHL	wkg Indonesia 948
8918 js38	1541		Baku Aero (LDOC?)	AZE	R wkg Azerbaijan a/c
8918 fd40	0342		Panama Aero	PNR	wkg a/c 1918
8933 fd40	2208		LDOC SAA J'burg	AFS	wkg Springbok 204
11175 abNL	1425		Shadow 67	AIR	wkg Croughton
11175 abNL	2229		Reach7Q2	AIR	wkg Offut, pp

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11175 abNL	2314		Navy LL30	AIR	wkg Offut, pp
11175 abNL	2329		Magic 79	AIR	wkg Offut
11178 abNL	2248	PJK	Dutch Navy Suffisant	ATN	wkg/71, msgs (nice, -ed)
11181 zeTC	1933		AVIACO Madrid	E	S YL/OM phone tfc
11222 zeTC	1940		Stockholm R.	S	E/SW OM/YL tfc
11270 abNL	0820		Russian man number Stn	AM	
11270.5 abNL	0825	DHN66	NATO Geilenkirchen	D	wkg Magic 55, r/c
11270.5 abNL	0830		AWACS Magic 55	AIR	wkg J1P, r/c
11270.5 abNL	0855		AWACS Magic 55	AIR	wkg J9N, r/c
11300 zeTC	1948		Entebbe Aero	UGA	E OM clg Khartoum
17916 zeTC	1514		Saint Lys R.	F	F r/t to Dakar

F I X E D B A N D S

3313 fd40	0031	HEP	INTERPOL Zürich	SUI	cw-vvv
3357 w/r/cabNL	1810		Savannah	IWA	wkg CG03 & CG Center
3357 abNL	1825		CG02	AIR	wkg Savannah
3357 abNL	1833		Toendra (Neth. CG)	IWA	wkg Savannah
3868 (ISB)zeTC	2255		BSKSA Riyadh Feeder	ARS	A Quaran,id,2301 c/d
4119 abNL	2230	VVYV	UNID	?	cw-clg TRYH
4119 abNL	2240	T07R	UNID	?	cw-clg Z6GO, 5 ltr gps
4930.5 zeTC	2037	SPW	Warszawa R.	POL	cw-de
4932.5 zeTC	2038	SPW	Warszawa R.	POL	POL vm-f
4951.5 fd40	2220	YFX6	UNID	?	cw, 'DE YFX6'
5901 abNL	2230		Mossad station	ISR	USB, msgs for JSR
6779 fd40	1006	DRHM	GNYS UNID	IWA	wkg DHJ59
6779 js38	1108	DRHK	GNYS UNID	IWA	wkg DHJ59
6779 fd40	1119	DRAQ	GNYS Bremen	IWA	wkg DHJ59
6871 ht45	1353	HEP	INTERPOL Zürich	SUI	cw-vvv
6889 fd40	2104	K8I4	UNID	?	cw, 'H6WK DE K8I4'
7928 fd40	2029	DFB2	UNID	?	cw-mssg, id
9185 abNL	1142	HEP	INTERPOL Zürich	SUI	cw
10192.5 fd40	0722	DRAN	GNYS Augsburg	IWA	wkg DHJ59
10192.5 fd40	1126	DRAG	GNYS Rommel	IWA	wkg DHJ59
10192.5	1541	DRAO	GNYS Lübeck	IWA	wkg DHJ59

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fd40					
10300	2000	RCB58	R. Moscou Feeder	RUS	F R. Moscou Int'l (ISB)
zeTC					
10426	1400		MI6 'Lincolnshire Poacher' ?	USB,	5 ltr groups
abNL					
10461	1850	4UZ10	UN Radio Geneva	SUI	E Interviews, id+is
zeTC					
10490	1205		UNID	?	cw+digital mode 'UUUU
RDL'abNL					
10870.2	1435	C	Beacon Moscow	RUS	cw-c
ht45					
10888	1829	RIT	RUSNy Vaygach	RUS	cw, mssg RJP78 de RIT
fd40					
10894	1438	RCV	RUSNy Moscow	RUS	cw-msgs
ht45					
13927	1955	AFA2CP	MARS UNID pse HELP	USA	wkg EAGLE 54
ai47					
14441.5	1502	NNN0CZP	USS Gallery	IWA	wkg NNN0ERA + NNN0FMN
js38					
14441.5	1629	NNN0CFP	USS Anzio	IWA	wkg NNN0KRQ
js38					
14441.5	1634	NNN0CRU	UNID	IWA	clg
js38					
14441.5	1652	NNN0CPD	USS Ogden	IWA	wkg NNN0CRB
js38					
14441.5	1700	NNN0COA	USS Arleigh Burke	IWA	clg
js38					
14441.5	1700	NNN0TDU	MARS UNID	USA	wkg NNN0CYL
js38					
14441.5	1702	NNN0ICK	MARS Merrimac,NH	USA	wkg NNN0CEK + NNN0CFP
js38					
14441.5	1717	NNN0NAV1	MARS Philadelphia,PA	USA	wkg NNN0COA
js38					
14441.5	1727	NNN0CRK	USS Ponce	IWA	wkg NNN0ICK
js38					
14441.5	1745	NNN0CEK	USS wasp	IWA	wkg NNN0CEK
js38					
14441.5	1553	NNN0ASI	MARS Director Region 1	USA?	r/c w NNN0CYL up 12122.5
js38					
14441.5	1418	NNN0CRB	USS Detroit	IWA	clg, 1516 wkg NNN0TDU
js38					
18995	1507	SPW	Warszawa R.	POL	POL tfc YL-id
zeTC					
18993.5	1506	SPW	Warszawa R.	POL	cw-de
zeTC					

D I G I T A L

129.5	0745	SOA212	Warsaw Meteo	POL	ITA2/50, synops
abNL					
1889	1932	HIA	Ny Harsfjärden	S	ITA2/50, test slip, tfc
abNL					
2021	0156		UNID	?	IRA/300, encryp. tfc
abNL					
2261	2010	GYA	RNY London	G	ITA2/75, encrp. msgs
abNL					
2295	0128		MoI Bonn	D	ARQ-E/96
abNL					
2442.7	2141	GOVHF	MoI Bonn	D	ARQ-E/72, msgs to Berlin
abNL					
2440.32	2200	BRVHF	MoI Bonn	D	ARQ-E/96, msgs to Berlin
abNL					
2841	2020	R54X	UNID	?	'Red Fife Four Crossing'?
abNL					
2892	0140	GYA	RNY London	G	ITA2/75, avail. msgs

UTNL1995

abNL	3038	0025	HIA	Ny Harsfjärden	S	ITA2/50, 5 ltr grps
abNL	(this station has different 'callsigns' like 'JULIA', 'SIGURD', 'IRMA' etc., but correct callsign is 'HIA'. -stated in a QSL-letter, -ed)					
	3172	0025	IMB1	Rome Meteo	I	ITA2/50, synops
abNL	3208.5	2123	A6E2265	MV Vivi	IWA	SITOR A/100, repair list
abNL	3250	0058	EIP	Shannon Aero	IRL	ITA2/50, ry
abNL	3290	0029	RGC7	Kiew Meteo	UKR	ITA2/50, synops
abNL	3451	1954	97	Irish Military	?	SITOR A/100, w/OA, msgs
abNL	3451	2105	47	Irish Military	?	SITOR A/100, clg QVXV
abNL	3550	0103	YMA20	Ankara Meteo	TUR	ITA2/50, synops
pcG+abNL	3606	0105		UNID	F?	ARQ-E/192, idling, no msgs
abNL	3850	2250	ETD3	Addis Ababa Aero	ETH	ITA2/50/400 de etd3 rry
pcG	3850.68	2201	HFVWG	Bonn GSP West	D	ARQE/72/170 Ch2 msgs
pcG	3959	0120		Grengeł Meteo	D	ITA2/50, wx
abNL	4002	0018	YRR2	Bucharest Meteo	ROU	ITA2/50, synops
abNL	4445	0010	RYP26	Khabarovsk Meteo	RUS	ITA2/50, synops
abNL	4442.5	2153	RGC72	Kiyev Meteo	UKR	ITA2/50/850 con met
pcG	4570	0014	HZN46	Jeddah Meteo	ARS	ITA3/100, synops
abNL	4601.5	1920	12	Irish Military	?	SITOR A/100, w/OA
(Dublin)abNL	4601.5	2018	21	Irish Military	?	SITOR A/100, w/OA
(Dublin)abNL	4601.5	1952	0A	Irish Military	IRL	SITOR A/100, clg CVVZ
abNL	4601.5	1915	87	Irish Military	?	SITOR A/100, routine msgs
abNL	4620	1800	RPVHF	MoI Bonn	D	ARQ-E/96, msgs to Mainz
abNL	4978	1459	GSVHF	MoI Bonn	D	ARQ-E/72, msgs to Munich
abNL	4979.7	1420	BWVHF	MoI Bonn	D	ARQ-E/96, msgs to
StuttgartabNL	5024.5	1400	HHVHF	MoI Bonn	D	ARQ-E/96, msgs to Hamburg
abNL	5083	1225	DHJ51	Grengeł Meteo	D	ITA2/100, coded wx
abNL	5180	2200	BAA9	Beijing Meteo (tent)	CHN	ITA2/50, wx
fd40	5265.2	1415	GSVHF	MoI Bonn	D	ARQ-E/72, msgs to Munich
abNL	5262.8	1925	BRVHF	MoI Bonn	D	ARQ-E/96, msgs to Potsdam
abNL	5262.82	1800	BRVHF	Bonn	D	ARQE/96/85 Ch1
pcG	5879.7	1214	RFFA	Paris	F	ARQE3/192/400 LFB to rfli
pcG	6325	2153	UDH	Riga R.	LAT	SITOR/A tfc to ships
pcG	6336.7	1222	MTO	RNY Rosyth	G	ITA2/75, avail. msgs
abNL	6918.5	2059	ECA7	Madrid Meteo	E	FAX/120, wx-chart
fd40						

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6977.4 pcG	0700	D..	??	D	FEC100/96/400 'dpa news'
7350.7 pcG	0800		Alger Diplo	ALG	COQ/8 clg var. embassies
7880 fd40	2037	DDK3	DWD Quickstep	D	FAX/120, wx-chart
7892.5 germanpcG	0800	OEC	Vienna Diplo	AUT	ARQS/96/170 news in
8165 fd40	1927	5YD	Nairobi Aero	KEN	ITA2/50 ry
8192 fd40	1924	9MR	Ny Lumut	MLA	ITA2/50 ry
8417.5 pcG	0830	UUI	Odessa R.	UKR	SITOR/A cw/tlx mkr
8549 pcG	0812	UCE	Arkangelsk R.	RUS	SITOR/A msgs to uura
8605 pcG	2217	UIW	Kaliningrad R.	KAL	ITA2/50/170 ry
8607 pcG	2230	USU	Mariupol R.	UKR	ITA2/50/170 de usu
9041 fd40	1920	5YE	Nairobi Meteo	KEN	ITA2/100, wx, ry
9230 fd40	1910	RHB70	Khabarovsk Meteo	RUS	FAX/120, wx-chart
10215 pcG	2245	HZN48	Jeddah Meteo	ARS	ITA2/100/400 cont met
10281.3 pcG	2220	RFLIG	Cayenne	GUF	ARQE3/96/400 RTI to mrt
10798.3 pcG	2210	RFLI	Ft. de France	MRT	ARQE3/96/400 IRT to cay.
10917.7 BouetpcG	2205	RFTJ	C. Vert (Dakar)	SEN	ARQE3/48/400 TJF to
11063 abNL	1243	LZU2	Sofia Meteo	BUL	ITA2/50, synops
11133 pcG	1600	BZG41	XINHUA Beijing	CHN	ITA2/50/850 F-nx
11192 pcG	H24	CSY	Santa Maria Aero	AZR	ITA2/50/850 cct to Lajes
11430 abNL	1237	HMF55	KCNA Pyongyang	KRE	ITA2/50, russian nx
11450 pcG	0735	RDD77	Moscow Meteo	RUS	ITA2/50/850 cont met
12140 pcG	1550	HWN	Ny Paris	F	ITA2/75/850 rysg
12228.4 pcG	1500	BZR62	XINHUA Beijing	CHN	ITA2/75/400 E-nx
12565 pcG	1400	UYWN	??	IWA	ITA2/50/170 usu de uywn
12579.5 pcG	0840	UDH	Riga R.	LAT	SITOR/A tlx/cw mkr
12579.5 pcG	1733	9VG	Singapore R.	SNG	SITOR/A tlx/cw mkr
12597 pcG	1405	SPB62	Szczecin R.	POL	SITOR/B qtc list
12599.5 pcG	1640	UAT	Moscow R.	RUS	SITOR/A msgs to ueyn
12613 pcG	1355	XSQ	Guangzhou R.	CHN	SITOR/A cw/tlx mkr
12625.5 pcG	1350	UCE	Arkangelsk R.	RUS	SITOR/A wkg ugou
12627.5 pcG	1347	USU	Mariupol R.	UKR	SITOR/A cw/tlx mkr
12857 pcG	1240	6WW	FNy Dakar	SEN	ITA2/75/850 de 6ww ryry
13510 fd40	1723	CFH	Ny Halifax	CAN	ITA2/75, wx
13933 pcG	0900	DOR	Sofia Diplo	BUL	ITA2/150/500 E-nx

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14377 pcg	0830	DOR	Sofia Diplo	BUL	ITA2/75/500 BUL-nx
14573 fd40	1709		JANA Tripoli	LYB	ITA2/50, arab-nx
14626.7 pcg	2159	RFLI	Ft. de France	MRT	ARQE3/192/400 LIJ cct
14688 fd40	1654	V5G	MFA Bukarest	ROU	ROU-FEC/164 only idl
14699 pcg	1725	YIX70	INA Baghdad	IRQ	ITA2/50/400 A-nx
14797.5 pcg	1600	CSY	Santa Maria Aero	AZR	ITA2/50/850 MCA cct msgs
14989 fd40	1600	TNL	ASECNA Brazzaville	COG	ARQ-M2/96, wx
15843 fd40	1444	TAD	MFA Ankara	TUR	FEC-A/ mssg Dushanbe
15889.8 fd40	1016		MFA Cairo	EGY	SITOR A/100 5 ltr grps
16014 fd40	0949	DGP	PIAB Bonn	D	FEC100/96, G-nx
16036 fd40	0936		UNID MFA	?	ITA2/150, slavish nx
16951.5 pcg	1300	6WW	FNy Dakar	SEN	ITA2/75/850 de 6ww ryry
17020 pcg	1308	UDK2	Murmansk R.	RUS	ITA2/50/170 msgs to ships
18173.5 pcg	1848	STK	Khartoum Aero	SDN	ITA2/50/400 de stk ryry
18388.7 pcg	1855	HLLTYF	Tripoli Aero	LBY	ITA2/50/400

T I M E S I G N A L S T A T I O N S

3380 zeTC	0055	CHU	NRC Ottawa	CAN	E/F id, TA, TS
5000 zeTC	0534	WWV	NBS Fort Collins	USA	E TS OM-TA
5000 zeTC	2059	RCH	TS Tashkent	URS	cw-cq VVV DE RCH, TS
12984 ht45	1518	VNG	NSC Llandilo,NSW	AUS	TS

Q S L - R E V I E W

I -Porto Torres R ai47	35	1	4th try!	2182	IZN
INS-Balikpapan R. 1000 w aiSI	28	1		8705.4	PKN
INS-Bitung R. 1000 w aiMA			28 1		12704.5 PKM
INS-NDB Blangbintang 500 w aiMA	29		ppc direct	330	NZ
INS-Sorong R. 1000 w aiMA	28	1		12970.5	PKY4
IWA-Clogherhead Lfb. ai47	117		ppc	2182	
IWA-GNyS Elster 100 w ai47	108		ppc,fo	3116	DRBN
IWA-GNyS U-22 100 w ai47	163		ppc,vc	3116	DRDP
IWA-Grampian Otter ai47	31		ppc	2060	GDJX
IWA-Highland Fortress ai47	17		ppc	2182	GTBD
IWA-Seaboard Swan 250 w ai47	55		ppc,i	2182	MNDL9
NNNOCZA			IWA-USS Deyo ai47	34	1,fo,i
			MLA-NDB Alor Setar	19	ppc direct

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385 AT
MLE-Kuching R.
5000 W aiMA

50 W aiMA
30 ppc

8522 9ww20

A D D R E S S E S:

USS Deyo: FPO AE 09567-1227 (ai47)
NDB Alor Setar: Alor Setar Aeradio, Civil Aviation Authority, Sultan Abdul Halim Airport
06200 Alor Setar, MALAYSIA. (ai47)

I N F O:

de zeTC: OLX Prague is used by 'Ministerstvo Vintra Ceské Republiky' = MvCR (Ministry of Interior of Czech Republic = MoICR). So not PTT Prague! (tnx zeTC)
de js38: (cf NL1/95): NDB KQ 329 khz = Krupki / BLR; NDB VI 334 khz = Verhneye / RUS; NDB WC 358 khz = could be NAM K/7 platform.

Some remarks on NL3/95:

to zeTC: 8450 khz UNID (ROD29). This is a maritime coastal station in Murmansk with callsign ROD7/9.
to zeTC: 8571 khz (UWS) is a river coastal station (correct c/s UWS3 - ex RWHB - on freq. 8570.5 khz) in the Ukraine, somewhere at the river of Dnepr. Possibly Kiev Radio.
to fd40: 11192 khz UNID RAF: This is an aero station with MZA-messages (the channel-id is not a callsign) and it is not RAF. It is a local channel from LPAZ (Santa Maria) to LPLA (Lajes). (all by ????)
to hb31: (cf NL4/95) windjammer Barefoot Cruises, Miami, FL - KVR451 - has following sailing vessels in their fleet: 'Mandalay', 'Yankee Clipper', 'Flying Cloud', 'Fantome', 'Polynesia' and 'Amazing Grace', which is a supply vessel. (ed)
to js38: (cf NL5/95): GNYS DRHK is Tender MOSEL - 5. Minensuchgeschwader. (ed) . For DRFO GNYS Hameln: Try via 5. Minensuchgeschwader, D- 24376 Kappeln-Olpenitz. (ed) .
for gsLUX: USCG Cutter Eagle (WIX-327), Coast Guard Academy, FPO AE 09568-3906, USA
(tnx JIM!)

R E Q U E S T ' s:

js38 needs help for his following NDB UNID's: DZD 379 khz; JA 383 khz; UVS 310 khz; JC 312 khz.

Anyone with a valid address for Bulacan Radio - DZO? My rr with the address 'Segundo Lusto Jr., 252 Buenida Avenue, Makati, Metro Manila' came back.

And now the finish: Many thanks to the following contributors fd40, js38, zeTC, ht45, abNL, pcG. See you all and many more next time. NEWSLETTER 10/95

NEWSLETTER 6/95

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Editor: Andreas Ibold, Mittelstr. 10, D- 47441 Moers, GERMANY
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Deadline: 20th of the month

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Hi there. I hope you're all fine. Not more to say.

NON DIRECTIONAL BEACONS

300	2148	MB	Montbeliard/Courcelles	F	id + dash	nr76
303	2326	YE	Ile de Yeu	F	id + dash	nr76
309	1856	MW	Berlin-Blankenfelde	D	id	zeTC
306.5	2125	AV	Avord	F	id + dash	nr76
329	2330	GRS	UNID	?	id	nr76
330	2305	CRS	Caransebes	ROU	id	nr76
330a	2110	HAE	UNID	?	id	nr76
(once "HAE" all 3-4 seconds, other kind of transmission than "HAE" Hannover 332)						
340	0043	SN	UNID	?	id (30x/min)	nr76
345	2118	TZO	Trezzo d'Adda	I	id	nr76
345	2121	FW	Roma Fiumicino	I	id	nr76
353	0020	SB	St. Briec/Amor	F	id + dash	nr76
357	2047	MA	Leipzig	D	id	zeTC
362	2054	BZO	Bolzano	I	id	zeTC
362	2135	CJN	Castijon	E	id	nr76
370	2233	REK	Reksten	NOR	id	nr76
372	2341	SR	Saumur/St. Florent	F	id + dash	nr76
372	0155	SKD	Skaudvile	LTU	id	nr76
368.5	2056	ELU	Luxembourg-East	LUX	id	zeTC
374	0130	LCT	UNID	F?	id + dash	nr76
374	0004	KFT	Klagenfurt	AUT	id	nr76
375	0202	AY	Warsaw	POL	id	nr76
377	2158	POL	Polna	CZE	id	nr76
378	0042	OS	Sundsvall/Haernosand	S	id	nr76
381	0028	RY	Rygge/Tune	NOR	id	nr76
385	0138	KV	Halli	FNL	id	nr76
385	2325	AVN	Vilnius	LTU?	id	nr76
385	0235	KV	Halli	FNL	id	nr76
385	2240	KDN	Tunis Carthage	TUN	id	nr76
386	2312	LK	Tallinn Yulemiste	EST	id	nr76
387	2345	JL	Kuopio	FNL	id	nr76
383.5	0120	ARF	Topel-Arifye	TUR	id	nr76
389	2345	MR	Skien/Myra	NOR	id	nr76
394	0115	NB	Stockholm-Bromma	S	id	nr76
396	2128	SJ	UNID	?	id	nr76
396	0258	YGR	Rygge	NOR	id	nr76
397	1950	AA	Tehran (?!?!)	IRN?	id + dash	nr76
(hrd for 2 minutes only with box-loop-antenna, clearly identified as "AA", any other idea? - "AA" was transmitted once all 10 seconds between that tone).						
397	0133	NF	Falk"ping	S	id	nr76
400	0020	KO	Kouvola/Utti	FNL	id	nr76
400	0140	EN	"rebr"	S	id	nr76
402	2208	ORW	Paris-Orly	F	id	nr76
403	2015	HAB	Hammelburg	D	id	zeTC
403	0306	NM	Morja Silja	S	id	nr76
404	1932	R	UNID	?	id + dash	nr76
407	0111	PNG	Palanga	BLR	id	nr76
407	2313	N	Praha/Nebusice	CZE	id	nr76
415a	1907	KD	UNID	?	id	zeTC
416	2316	V	Vodochody	CZE	id	nr76
417	0249	R	Gävle-Sandviken	S	id (26x/min)	nr76
418	1913	ZW	Zeltweg	AUT	id	zeTC
418	2315	L	Tallinn Yulemiste	EST	id	nr76
420	2214	HM	Budapest-Ferihegy	HNG	id	zeTC
420	2216	BAZ	Bayreuth	D	id	zeTC
421	1936	SAL	Zadar/Sali	HRV	id	nr76
424a	2150	PI	UNID	?	id + dash (4x/min)	zeTC
425	1838	S	Leipzig	D	id	zeTC
425	1929	ERT	Erfurt	D	id	zeTC
430	2234	BUG	Bugac	HNG	id	zeTC
432	0115	PK	Palanga?	BLR?	id	nr76
(PK was received from the same direction at the same time with exactly the same kind of transmission as PNG; listed on 432 is PL instead of PK) nr76						
433a	2056	RO	UNID	?	id	zeTC

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438	2240	B	Bratislava-Barka	SVK	id	zeTC
441	1930	CK	Prerov	CZE	id	zeTC
450	2250	PDV	Plovdiv	BUL	id + dash	zeTC
452	2246	ANS	Ansbach	D	id	zeTC
476	2153	SC	UNID	?	id	nr76
478	2150	ÖA	UNID	?	id (similar format as SJ 396)	nr76
490	0232	KO	Koshan	UKR	id	nr76
492	0227	TBV	Trebova	CZE	id	nr76
494	0222	KR	UNID	?	id	nr76
508	0200	P	Katowice-Pyrzowice	POL	id	zeTC
517	1914	JBR	Jabszereny	HNG	id	zeTC
525	0153	CH	Chernykov	UKR	id	zeTC
600	2310	KR	Krasnoborka	UKR	id (ex 'NK')	zeTC
608	0153	RD	UNID	?	id	zeTC
617	0150	SV	Steblev	UKR	id (ex 'MG')	zeTC
633	2301	BE	Berezhany	UKR	id	zeTC
635	2300	GH	Minsk	BLR	id	zeTC
640	0140	AO	Riga	LVA	id	zeTC
642	0206	UG	UNID	?	id	zeTC
652	0020	PS	Peschanka	UKR	id	zeTC
713	0014	PT	UNID	?	id	zeTC
739	0010	KW	UNID (Kiev?)	?	id (ex 'z'?)	zeTC
751	2114	LA	Trebic	CZE	id	zeTC
770	0210	HT	Khust	UKR	id	zeTC
822	2352	DR	Stankov	CZE	id	zeTC
822	0150	DY	Minsk-Loshita	BLR	id	zeTC
825	2350	KB	Kiev-Borispol	UKR	id	zeTC
905	2347	GE	UNID	?	id	zeTC
906	2346	PE	Pechory	RUS	id	zeTC
912	2340	KI	UNID	?	id + dash	zeTC
960	2331	ZD	UNID	?	id	zeTC
1060	2310	NE	Nemirov	UKR	id	zeTC
1145	2236	RV	UNID	?	id	zeTC
1160	2232	RA	UNID	?	id	zeTC
1285	2221	SW	Saveľovo	RUS	id	zeTC

M A R I T I M E S

2182	2106	SPG21	Slupsk R.	POL	wkg ship	nr76
2598	0213	VOJ	Stephenvill CGR.	CAN	E/F wx	nr76
2643.5	1856	SPS	Witowo R.	POL	cw-id + sitor	zeTC
2719	1851	SPS	Witowo R.	POL	wkg ship, id	zeTC
4216	1849	A7D	Doha R.	QAT	cw-id + sitor	zeTC
8450	1500	ZAD	Durres R.	ALB	cw-vvvvcq	nr76
8450	1448	SUZ	Serapeum R.	EGY	cw-cq + tfc list	nr76
8546	0158	OBC3	Callao R.	PRU	cw-cq+vvv handkey	ai47
12525.5	1200	UVLC	M.T. "Ivanovo"	IWA	SITOR/A wkg USU	pcG
12581	2040	LSD836	Argentina R.	ARG	cw-id + sitor pcG+nr76	
12585	1945	VRX	Hong Kong R.	HKG	SITOR/A tlx/cw mkr pcG	
12583.5	1940	CBV	Valparaiso R.	CHL	SITOR/A tlx/cw mkr pcG	
12585.5	1700	VRX	Hongkong R.	HKG	cw-id + sitor	zeTC
12590	1708	9VG	Singapore R.	SNG	cw-id + sitor	zeTC
12594	2140	PPR	Rio de Janerio R.	B	SITOR/A tlx/cw mkr pcG	
12592.5	2011	NMN	USCG Portsmouth	USA	cw-id + sitor	zeTC
12594.5	2150	A9M	Bahrain R.	BHR	SITOR/A tlx/cw mkr pcG	
12607	2018	9AR	Rijeka R.	HRV	cw-id + sitor	zeTC
12610.5	2210	VCT	Tors Cove R.	CAN	SITOR/B freq info pcG	
12647.5	2026	LPD	General Pacheco R.	ARG	cw-id + sitor	zeTC
12748	2033	CLA	Habana R.	CUB	cw-cq	zeTC
16815	1350	9VG	Singapore R.	SNG	SITOR/A tlx/cw mkr pcG	
16811.5	1310	A9M	Bahrain R.	BHR	SITOR/A tlx/cw mkr pcG	
16816	1615	ZSC	Capetown R.	AFS	SITOR/A de zsc sit.pcG	
16821	1630	VRX	Hong Kong R.	HKG	SITOR/A tlx/cw mkr pcG	
16827.5	1620	VCT	Tors Cove R.	CAN	SITOR/A tlx/cw mkr pcG	

A E R O N A U T I C A L

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5637	1701		Milos Aero	GRC	wkg Athens	nr76
5637	1658		Santorini Aero	GRC	wkg Athens	nr76
5637	1608		Skiros Aero	GRC	wkg Athens	nr76
5637	1722		Rhodos Aero	GRC	wkg Athens	nr76
5637	0128		Thiagoras ? Aero	GRC	wkg Athens	nr76
6532	2250		Barranquilla Aero	CLM	wkg unid aero	nr76
8894	1712		Tindouf Aero	ALG	wkg Algiers	nr76
8894	1706		Bechar Aero	ALG	wkg Algiers	nr76
8894	1706		In Salah Aero	ALG	clg Algiers	nr76
8894	1704		Tamanrasset Aero	ALG	wkg Algiers	nr76
8894	1703		Adrar Aero	ALG	wkg Algiers	nr76
8942	1717		Manila Aero	PHL	wkg Japan Air	nr76
10066	1659		Yangon Aero	BRM	wkg Speedbird	nr76

F I X E D B A N D S

4867.5	1854	FDG	FAF Bordeaux	F	CW-VVV	zeTC
6648	1115	AIRBRIGE	NPROFOR Ancona	I	???? (ed)	koCH
8149	1933	OVG48	RDNY Frederikshavn	DNK	cw	koCH
10408.6	1157	LN2A	PTT Oslo	NOR	cw-id	koCH
10564	1426		Ny Denmark	DNK	usb	koCH
12329	1132	OVG12	RDNY Frederikshavn	DNK	cw	koCH
14834.5	1741	VXV9	CFARS Golan Heights	SYR	wkg CIW84	ai47

D I G I T A L

3325	1245	FDY	FAF Orleans	F	ITA2/50	koCH
4856	1314	V5G	MFA Bukarest	ROU	ROU-FEC/400	koCH
4900	0855	OMZ	MFA Prague	CZE	ITA2/100	koCH
4945	1242		UNID Lille	F	ARQ-E3/100	koCH
5011	1213	RETWLV	UNID Guardia Civil	E	SITOR-ARQ/100	koCH
5070	0808	OMZ	MFA Prague	CZE	ITA2/100	koCH
5203	1000	FIT75	MoI Paris	F	ARQ-E3/100	koCH
5275	1918	SUA211	MENA Cairo	EGY	ITA2/50	koCH
5301	0714	RFFHCB	FF Bastia	F	ARQ-E3/192	koCH
5355	????	RND77	Moskva Meteo	RUS	FAX/120	koCH
5353.7	0959	RETXX	MoI Madrid	E	SITOR-ARQ/100	koCH
5381.5	0946	RETXX	MoI Madrid	E	SITOR-ARQ/100	koCH
5396.9	0858		MoI Roma	I	SITOR-ARQ/100	koCH
5462.7	0903		MoI Roma	I	SITOR-ARQ/100	koCH
5474	2215	CSY	Santa Maria Aero	AZR	ITA2/50/850	ry pcG
5775	1238		UNPROFOR Metgorje	BHG	SITOR-ARQ/100	koCH
5923	0623	SNN299	MFA Warsaw	POL	ITA2/75	koCH
6681	0915		French Packet Net	F	PACKET/300	koCH
6678.6	0646		Italian Packet Net	I	PACKET/200	koCH
6712	1300	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
6763	0742		MFA Roma	I	SITOR-ARQ/170	koCH
6760.4	0940	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
6769	0632	SNN299	MFA Warsaw	POL	ITA2/75	koCH
6771.7	0735	RFLI	Fort-de-France	MRT	ARQE3/192/400	pcG
6966	1643	FDY	FAF Orleans	F	ITA2/50/400	pcG
6976	1650	RFFHCA	Ajaccio	F	ARQE/192/170 idle	pcG
7353	2212	RPTI	PORNY Ponta Delgada	AZR	ITA2/75/850 foxes	pcG
7397	2220	RPFN	Ny Lisbon	POR	ITA/75/850 foxes	pcG
7447.5	0903	RGFQGB	GNy Rostock	D	ITA2/80	koCH
7456.7	2219	RFTJ	C.Vert(Dakar)	SEN	ARQE3/192/400	pcG
7550.9	0626	RFTJ	FF Dakar	SEN	ARQ-E3/192	koCH
7570	????	RBX72	Tashkent Meteo	UZB	FAX	koCH
7606.7	2200	RFFA	Paris	F	ARQE3/192/400	pcG
7658	0854	YZD	TANJUG-Beograd	SER	ITA2/50	koCH
7678.5	0957	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
7755.2	0729		UNID FF	F	ARQ-M2-342/200	koCH
7834.7	1605	5ST	ASECNA Antannarivo	MDG	ARQ-E3/48	koCH

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7892.5	0857	OEC	MFA wien	AUT	SI-ARQ/96	koCH
7898	0800	HFVGG	UNID Mostar	BHG	ARQ-E/96	koCH
7891.7x	0815	OE?	Vienna? Diplo	AUT?	ARQ-S/96/170	pcG
7896.7	0800	RFLI	Ft de France	MRT	ARQE3/96	pcG
7937.7	0807		UNID FF	?	ARQ-M4-342/200	koCH
7946	1605	RFVI	FF Le Port	REU	ARQ-E/96	koCH
7960	0858	OMZ	MFA Prague	CZE	ITA2/100	koCH
7976	0815	OMZ	MFA Prague	CZE	ITA2/100	koCH
7994	0822		UNID FF	?	ARQ-M2-342/200	koCH
8028	1012	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
8040	1800	GFA23	Bracknell Meteo	G	Fax/120	koCH
8043.5	0815		MFA Roma	I	SITOR-ARQ/100	koCH
8035.5	0805	MKK	London DCN	G	Picc/6 2ch exercise?	pcG
8154	1625	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
8156	0858	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
8172	0827	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
8192	1610	9MR	Ny Johore	MLA	ITA2/50/850 ry	pcG
8492.9	0531		Fleet Broadcasts	G	ITA2/100 (more info? -ed)	koCH
8509	1605	RFFX	MOD Paris	F	ARQ-E/72	koCH
9041	2055	5YE	Nairobi Meteo	KEN	ITA2/100/850 ry	pcG
9081.9	0629		NOR Emb warsaw	POL	TWINPLEX/100	koCH
9087.5	0728		MFA Roma	I	SITOR-ARQ/100	koCH
9132	0856		POL Emb Bonn	D	POL-ARQ/100	koCH
9150	1342	RCH73	Tashkent Meteo	UZB	FAX/90	koCH
9153	0625	SNN299	MFA Warsaw	POL	ITA2/75	koCH
9166.4	0919	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
9179	0800	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
9186.6	0902	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
9278	0804	OMZ	MFA Prague	CZE	ITA2/100	koCH
9340	1023	RCH72	Tashkent Meteo	UZB	FAX/90	koCH
9362	????	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
9382	????	AOK	Rota Meteo	E	FAX/120	koCH
9994	1600	CSY	Santa Maria Aero	AZR	ITA2/50/850 de csy	pcG
10103	0725	RFFA	MOD Paris	F	ARQ-E3	koCH
10130	0938	RBX73	Tashkent Meteo	UZB	ITA2/50	koCH
10177.7	0622	RFFA	MOD Paris	F	ARQ-E3/192	koCH
10215	0610	HZN48	Jeddah Meteo	ARS	ITA2/100	koCH
10219.2	1234		UNID German	?	ARQ-E/96	koCH
10281.3	0629	RFLIG	FF Cayenne	GUF	ARQ-E3/96	koCH
10281.3	2108	RFLIG	Cayenne	GUF	ARQE3/96/400	pcG
10332	1146	TAD	MFA Ankara	TUR	FEC-A/144	koCH
10364	2102	RFTJD	Libreville	GAB	ARQE/48/850 "JDF"	pcG
10415	0612	SNN299	MFA Warsaw	POL	ITA2/75	koCH
10422.5	0631	OEC	MFA wien	AUT	SI-ARQ/96	koCH
10485	2119	V5G	Bucharest Diplo	ROU	ROU-FEC/164 crypto	pcG
10493	1025	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
10493.7	0030	RFTJF	FF Port Bouet	CTI	ARQ-E3/48	koCH
10582.9	0832	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
10726.5	0854	P6Z	MFA Paris	F	FEC-A/192	koCH
10844.9	0714		D Emb Brasila	B	ARQ-E/96	koCH
10971	1456	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
10980	????	RDD79	Moskau Meteo	RUS	FAX/120	koCH
11037	0832	K4X	F Emb Tunis	TUN	FEC-A/192	koCH
11043	0833	RFTJ	FF Dakar	SEN	ARQ-E3/192	koCH
11047	0833	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
11080	0840		SUNA Damaskus	SYR	ITA2/50	koCH
11110.5	0805	RFLI	FF Fort-de-France	MRT	ARQ-E3/192	koCH
11125	0807	HZN	Jeddah Meteo	ARS	ITA2/100	koCH
11173.5	0715	RFGW	MFA Paris	F	FEC-A/192	koCH
11216	0711		MFA Cairo	EGY	SITOR-ARQ/100	koCH
11216	0900	OMZ	MFA Prague	CZE	ITA2/100	koCH
11416.5	1053		ROU Emb Prague	CZE	ROU-FEC/218	koCH
11430	0952	HMF55	ATCC Pyongyang	KRE	ITA2/50	koCH
11447	0813	SNN299	MFA warsaw	POL	POL-ARQ/200	koCH
11471	0615	SNN299	MFA warsaw	POL	POL-ARQ/100	koCH
11536	0800	HMF49	ATCC Pyongyang	KRE	ITA2/50	koCH
11604	0400	YZJ2	TANJUG Belgrad	SRB	ITA2/50	koCH
11680	1400	BZP51	XINHUA Beijing	CHN	ITA2/75	koCH

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12075	1200	VVD62	New Dehli Meteo	IND	ITA2/50	koCH
12126		RFFXI	Bangui	CAF	ARQE/72/400	pcG
12130	0820	DMK	MFA Bonn	D	ARQ-E/96	koCH
12165	0625	RKB78	Moskva Meteo	RUS	FAX/120	koCH
12190	1342	DOR	MFA Sofia	BUL	ITA2/75	koCH
12210	0859	OMZ	MFA Prague	CZE	ITA2/100	koCH
12227	1353	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
12228	0626	SNN299	MFA Sofia	BUL	ITA2/75	koCH
12228.5	1400	BZR62	XINHUA Beijing	CHN	ITA2/75	koCH
12469.7	0932		MFA Cairo	EGY	SITOR-ARQ/100	koCH
12660.5	1207	UFN	Novorossiysk R.	RUS	ITA2/50	koCH
12697	1152	USU	Mariupol R.	UKR	ITA2/50	koCH
13201.7	0932		MFA Cairo	EGY	SITOR-ARQ/100	koCH
13347.7	0922		MFA Cairo	EGY	SITOR-ARQ/100	koCH
13398	0819	OMZ	MFA Prague	CZE	UNDEF/172	koCH
13430.7	0802	RFFVAE	FF Dhahran	ARS	ARQ-M2-342/200	koCH
13440	0400	YZJ5	TANJUG Beograd	SRB	ITA2/50	koCH
13444.2	0930	RFQP	FF Djibouti	DJI	ARQ-E3/100	koCH
13446	1230	SNN299	MFA Warsaw	POL	POL-ARQ/250	koCH
13470	????	RKU71	Moskva Meteo	RUS	FAX/120	koCH
13481.7	1126		MFA Cairo	EGY	SITOR-ARQ/100	koCH
13486.7	0955		MFA Cairo	EGY	SITOR-ARQ/100	koCH
13495.9	0907		NOR Emb. Beograd	SRB	TWINPLEX/100	koCH
13495.9			NOR Emb. Paris	F	TWINPLEX/100	koCH
13510.6	0856		D Emb. Tiblisi	UKR	ALIS/228.66	koCH
13543.7	0837	RFTJD	FF Libreville	GAB	ARQ-E3/192	koCH
13570.5	0828	RFFABCT	FF Bastia	F	ARQ-E3/72	koCH
13839.7	1212	RFFA	MOD Paris	F	ARQ-M2-342/200	koCH
13848.5	0823	RFFXL	FF Beirut	LBN	ARQ-E/96	koCH
13876.2	0929	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
13875.4	0752	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
13896.5	0848	DMK	MFA Bonn	D	ARQ-E/96	koCH
13917	0625	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
13927.7	0833	DMK	MFA Bonn	D	ARQ-E/96	koCH
13936.4	1005		MFA Alger	ALG	COQUELET-8	koCH
13940.7	0820	RFFA	MOD Paris	F	ARQ-M2-342/200	koCH
13947	0757	ROM5	Tashkent Meteo	UZB	FAX/90	koCH
13951	0750	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
13953	0715	P6Z	MFA Paris	F	FEC-A/192	koCH
13963	0900	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
13961.5	0758	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
13965.5	1144	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
13976	0800	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
13986.7	0648	RFFA	MOD Paris	F	ARQ-E3/192	koCH
13998	2200	MTS	Port Stanley	FLK	Picc/6 2ch to mkk	pcG
14359	0957	SNN299	MFA Warsaw	POL	ITA2/75	koCH
14411.7	1447	????	Egyptian diplo ?	?	SITOR/A dist.sig.	pcG
14478.5	0901	OEC	MFA Wien	AUT	SI-ARQ/96	koCH
14486	0942	P6Z	MFA Paris	F	FEC-A/192	koCH
14497.5	2150	CSY	Santa Maria Aero	AZR	ITA2/50/850 msgsg	pcG
14501.7	0933		MFA Cairo	EGY	SITOT-ARQ/100	koCH
14518	1259	OEC	MFA Wien	AUT	SI-ARQ/96	koCH
14524	0950	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
14536	1626	U3H	F Emb. Moskva	RUS	FEC-A/192	koCH
14510.51		2120	MKK London DCN	G	Picc/6 2ch to P.Stanley	pcG
14626.7	0619	RFLI	FF Fort-de-France	MRT	ARQ-E3/192	koCH
14626.7	2155	RFLI	Fort-de-France	MRT	ARQE3/192/400	pcG
14637.5	0753		MoI Madrid	E	SITOR-ARQ/100	koCH
14663.5	0955	DMK	MFA Bonn	D	ARQ-E/96	koCH
14681	0818	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
14677.5	0625	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
14683.2	1121	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
14679.7	0818	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
14687.5	1017	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
14832	????	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
14840	0930	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
14975	0943	P6Z	MFA Paris	F	FEC-A/144	koCH
14982.5	0956	RBV76	Tashkent Meteo	UZB	FAX/90	koCH

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14989	0752	TNL	ASECNA Brazzaville	COG	ARQ-M2-342/96	koCH
14990.7	0914		MFA Cairo	EGY	SITOR-ARQ/100	koCH
15597	0735	RFGW	MFA Paris	F	ARQ-E3/96	koCH
15633	0638	HMF26	ATCC Pyongyang	KRE	ITA2/50	koCH
15675.4	1026	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
15705	1100	YZJ6	TANJUG Beograd	SRB	ITA2/50	koCH
15801.7	0934		MFA Cairo	EGY	SITOR-ARQ/100	koCH
15810.8	0906		MFA Rome	I	ARQ-N/96	koCH
15822	0846	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
15833	1106	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
15846	????	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
15855	0844	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
15855	0900		POL Emb. Tunis	TUN	POL-ARQ/100	koCH
15860	0700	RFFX	MOD Paris	F	ARQ-E/72	koCH
15873	0926		MFA Paris	F	FEC-A/192	koCH
15920	1237	CFH	Ny Halifax	CAN	ITA2/75	koCH
15989	0715	RFGW	MFA Paris	F	FEC-A/192	koCH
16103.9	1247		NOR Emb. Ankara	TUR	TWINPLEX/100	koCH
16106.9	0712	SAM	MFA Stockholm	S	SWED-ARQ/100	koCH
16121.8	1544	RFQP	FF Djibouti	F	ARQ-M2-342/200	koCH
16128.9	1248		MFA Kopenhagen	DNK	TWINPLEX/100	koCH
16147.7	0828	RFFVF	FF Villacoublay	F	ARQ-M2-342/200	koCH
16203.7	0934		MFA Cairo	EGY	SITOR-ARQ/100	koCH
16213	0935	DKAR	F Emb. Dakar	SEN	ARQ6-90/200	koCH
16260	1028	P6Z	MFA Paris	F	FEC-A/192	koCH
16261.7	0742	RFTJD	FF Douala	CME	ARQ-E3/192	koCH
16280.2	0744	RFQP	FF Djibouti	DJI	ARQ-M2-342/200	koCH
16284.9	0930		MFA Kopenhagen	DNK	TWINPLEX/100	koCH
16302	1520	DFZG	MFA Beograd	SRB	ITA2/75	koCH
16310.2	1518		MOD Paris	F	ARQ-M2-342/200	koCH
16318.7	0811		MFA Cairo	EGY	SITOR-ARQ/100	koCH
16324.7	1207	RFTJD	FF Douala	CME	ARQ-E3-192	koCH
16332	1020	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
16329.7	1018	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
16334.5	1020	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
16355	0816	OMZ	MFA Prague	CZE	ITA2/50	koCH
16386.8	0711		MFA Islamabad	PAK	TWINPLEX/100	koCH
16453v	0800	HGX21	MFA Budapest	HNG	DUP-ARQ/125	koCH
17020	1026	UDK2	Murmansk R.	RUS	ITA2/50	koCH
17445.5	0854	5YE	Nairobi Meteo	KEN	FAX/120	koCH
17480.2	0833	RFFVAT	FF Incirlik	TUR	ARQ-M2-342/200	koCH
17476.7	0833		MFA Cairo	EGY	SITOR-ARQ/100	koCH
17553	0834	9DM27	Tehran Meteo	IRN	ITA2/50	koCH
17590	1004	HZN49	Jeddah Meteo	ARS	ITA2/100	koCH
17961.7	0833		MFA Cairo	EGY	SITOR-ARQ/100	koCH
18036	0800	DOR	MFA Sofia	BUL	ITA2/75	koCH
18053.7	0811		MFA Cairo	EGY	SITOR-ARQ/100	koCH
18092	0838	SNN299	MFA Warsaw	POL	ITA2/50 + cw	koCH
18184	????	SNN299	MFA Warsaw	POL	POL-ARQ/100	koCH
18180.7	1005		MFA Alger	ALG	COQUELET-8	koCH
18203	0955	NDJA	F Emb. N'Djamena	TCD	ARQ6-90/200	koCH
18203	0927	P6Z	MFA Paris	F	ARQ6-90/200	koCH
18211.7	1300		MFA Cairo	EGY	SITOR-ARQ/100	koCH
18261	????	GFE24	Bracknell Meteo	G	FAX/120	koCH
18269	0700	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
18270.5	0522	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
18284.7	1020	HDB20	MFA Berne	SUI	SITOR-ARQ/100	koCH
18331.9	0926		NOR Emb. Prague	CZE	TWINPLEX/100	koCH
18334.7	0913		MFA Cairo	EGY	SITOR-ARQ/100	koCH
18345	0701	DMK	MFA Bonn	D	ARQ-E/192	koCH
18380	0746	RFFA	MOD Paris	F	ARQ-E3/100	koCH
18399.5	0859	HGX21	MFA Budapest	HNG	HNG-FEC/100.05	koCH
18488.5	1339	CLP1	MFA Havana	CUB	ITA2/75	koCH
18487.9	0936		MFA Oslo	NOR	TWINPLEX/100	koCH
18518	1127	BGUI	F Emb. Bangui	CAF	ARQ6-90/200	koCH
18518	1300	P6Z	MFA Paris	F	ARQ6-90/200	koCH
18529.3	0900		MFA Alger	ALG	COQUELET-8	koCH
18552	0715	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH

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18553.7	0700	RFTJ	FF Dakar	SEN	ARQ-E3/100	koCH
18687.9	1049	SAM	MFA Stockholm	S	SWED-ARQ/100	
18762	0739	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
18912	0906	TAD	MFA Ankara	TUR	FEC-A/144	koCH
19031.8	1120		MFA Islamabad	PAK	TWINPLEX/100	koCH
19230.9	1002		MFA Kopenhagen	DNK	TWINPLEX/100	koCH
19400	??40	VVD69	Dehli Meteo	IND	ITA2/50	koCH
19808	1123		MFA Oslo	NOR	TWINPLEX/100	koCH
19818.7	0912		MFA Cairo	EGY	SITOR-ARQ/100	koCH
19853	1053	V5G	MFA Bukarest	ROU	ROU-FEC/164.48	koCH
20020	1345		D Emb. Tunis	TUN	ALIS	koCH
20020	1247	DMK	MFA Bonn	D	ALIS	koCH
20420.6	1250		D Emb. Beyrouth	LBN	ALIS/228.66	koCH
20619	0844	OMZ	MFA Prague	CZR	ITA2/100	koCH
20754.4	1326	HBC88	ICRC Geneva	SUI	PACTOR/200	koCH
20959.9	1200	SAM	MFA Stockholm	S	SWED-ARQ/???	koCH
20987	1253		MFA Paris	F	ARQ6-90/200	koCH
21768	1336		F Emb. Antananarivo	MDG	ARQ6-90/200	koCH
23180.9	1003		MFA Kopenhagen	DNK	TWINPLEX/100	koCH

T I M E S I G N A L S T A T I O N S

15000	0859	BPM	SAO Lintong	CHN	TS, cw-id,CH/YL idzeTC
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FRENCH MILITARY (INTERNAL) MASTER LIST
ALL STATIONS ARQE/72/400 (UNLESS STATED)

FREQ	CID	RID	YEAR	DATES	REMARKS
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4035	UAF	UFA	95	20-22/2	Ex. EXEAT 951 "RFFEDFB de SOUGE" crypto
4035	UAF	UFA	95	10/4	"de RFFGCFA"
4035	UAF	UFA	95	10-11/5	Ex. EXEAT 952 (poss F22?) late evening
4527	UFA	UAF	95	10-11/5	Ex. EXEAT 952 (poss F02?) late evening
4769	UAF	UFA	95	20-24/2	"de METZ SUP/RFFXCFB/RFFED" mostly idl
4798.5	MFB	MBF	95	21-22/2	"RFFXCFB de RFFEDCS" (MBF not found)
4933	UAF	UFA	95	6/3	Ex. RAC.TRCT2 "RFFXCFA de RFFXCFA"
5064	UAF	UFA	95	21/2	"RFFGCFA de METZ" mostly idle
5064	UFA	UAF	95	6/3	Ex. RAC.TRCT2 "RFFXCFA"
5129	UDF	UFD	95	20-23/2	Ex. EXEAT 951 "RFFEDFD de SOUGE" msgs/ry
5129	UAF	UFA	95	18-19/4	Ex. PHOENIX "RFFEDFA de RFFEDCS ryry.. "FM REGTRANS COMPIEGNE TO TRANS COMPIEGNE"
5181	UFA	UAF	95	10-12/5	Ex. EXEAT 952 "propose qsy F02/F22"
5190	UBO	UOB	95	28-30/3	"de RFFDBCM"
5221	UFA	UAF	95	21-22/2	Ex. EXEAT 951 "de RFFGCFA" crypto msgs
5224	UBF	UBF	95	8/2	"RFFEDFB de SOUGE" Ex. msgs
5250	U??		95	22/2	poor copy msg - mostly idl
5277			95	18-20/4	idle all day nil tfc
5277	UFB	UBF	95	10-11/5	"RFFZEFB de RFFGCFB" 5ltr groups
5277	UBD	UDB	95	12/5	"RFFAAT/RFFXCCS de RFFWERM"
5317	UFB	UBF	95	20/2	"RFFZEFB de RFFEDFR" 5ltr groups
5317	UAF	UFA	95	1/3	ry test "RFFEDFA de SOUGE"
5320	UAF	UFA	95	9-11/5	"RFFGCFA de METZ" ex. EXEAT 952
5330	MFB	MBF	95	22/2	Ex. EXEAT 951 mostly idle (MBF ???)
5407.5			95	27-28/3	idle nil tfc
5424			95	27/4	brief idle nil tfc
5428	UFA	UAF	95	12/5	"RFFEDCS de RFFEDFA zkj2" msg
5454			95	11-12/5	idle-nil tfc very close with below??
5454.5	UBF	UBF	95	10-12/5	"RFFGCFB de RFFGCCS" Ex. EXEAT 952
5732.5			95	19/4-1/5	always idle nil tfc also 1/1 cont.idle
5754	UFA	UAF	95	1/3	Ex. msg off by 1615
5757	UFB	UBF	95	7-8/2	Ex. EXPLOITEX/TRANSCE 95 "de RFFEDFB"
5802	MFA	UFA?	95	15-6/2	"RFFEDFA de RFFEDFA CENTRANS BESANCON" Ex. BRIGAFRANCAL MOBILE & TRCT2 DETRANS
5862.5			95	21/4-1/5	idle nil tfc also idle 14-15/2 nil
6812.5	UOB	UBO	95	27/3-4/4	"RFFDBCM de MARSEILLE" zic/zid msg

					UTNL1995	
6832	UFA	MFA?	95	16/2	"SOUGE de RFFEDFA" Ex.	BRIGAFRANCAL MOBILE
6850			95	6-11/4	idle all day nil tfc	
6925			95	10/4	idle nil tfc	
6956	UAF	UFA	95	11/5	crypto tfc	
6974.5	UAF	UFA	95	11-12/5	crypto tfc/12/5 idle	
7340	UBO	UOB	95	22-31/3	"RFFECC/RFFVE/RFFVB de RFFDBCM" and	
					"MARSEILLE de RFFDBCM"	
7420			95	22/3	idle few hours nil tfc	

NOTES: Most Exercise traffic takes place Mon-Thur. 08-20 approx. Some freqs (like 5732.5) will appear and idle for days/weeks, and disappear. (de pcG)

Q S L - R E V I E W

AIR	Pollution Control a/c	19	ppc,sti/fo,ms	5680	PC349	dp47
AIR	Pollution Control a/c	7	ppc,fo,badge/fo,ms	5680	PC119 100 w	dp47
AIR	Swed. Airforce Heli	28	ppc,fo,sti/fo,IRC	5680	Q-91 100 w	dp47
AUS	Propagation Beacon	19	ppc/IRC,fo	7870.5	AUS1MLB	dp47
CAN	Tors Cove R.	46	card	6329.5	VCT	ai47
CUB	Habana R.	66	ppc,i/IRC,fo,vc	13062	CLA 5000 w	dp47
D	BGS Coburg	261	ppc,l,i,sti/fo,ms	4539	DEL36	dp47
D	BFST Husum	15	ppc,note/fo,ms	8146.4	DEA47 500 w	dp47
D	GNY Rostock	17	ppc,l/fo,ms	7446	DHO26 1000 w	dp47
DNK	Karup Resecue	5	all stuff back !	5680	neg. reply	dp47
G	NPL Teddington	14	ppc,info	60	MSF 27000 w	ai47
G	RAF Stafford	102	ppc,l,sti/IRC,fo,	5680	Alpine 20	dp47
G	Swansea Coastguard	25	ppc,l,i,sti/IRC,fo	2182	250 w	dp47
G	RAF Kinloss	27	ppc/IRC,fo	5680	Alpine 23	dp47
G	Portland Coastguard	64	ppc,l,much info/fo	2182		dp47
G	RAF St. Athan	18	ppc/fo,IRC	5680	Alpine95 25w	dp47
G	RAF High Wycombe	11	ppc,l,sti/IRC,fo,vc	5680	Architect	dp47
GRC	HNG Emb. Athens	52	ppc/IRC,fo,vc	12263	HGX22 600 w	dp47
IRL	Shannon Aero	318	ppc,QLS-l,l, folder	3249	EIAA 5000 w	dp47
IWA	F/B Daedalus	29	ppc,info	2182	SXFD 800 w	ai47
IWA	USS Bainbridge	79	l,i,fo	14391.5	NNN0CN	ai47
IWA	GNys Bussard	4	ppc,l,badge/fo,ms	3116	DRBX 100 w	dp47
IWA	GNys Siegburg	36	ppc/fo,ms	3116	DRFL 100 w	dp47
IWA	GNys Main	74	ppc/fo,ms	3116	DRHN 100 w	dp47
IWA	GNys Eisvogel	28	ppc,fo/fo,ms	4154.5	DRLG 100 w	dp47
IWA	GNys Auerbach ...	80	ppc/fo,ms	4154.5	DRFR 100 w	dp47
IWA	GNys Spessart	25	ppc,fo,l/fo,ms	6779	DRKN 1000 w	dp47
IWA	GNys U23	57	ppc/fo,ms	3116	DRDQ 100 w	dp47
IWA	GNys Puma	16	ppc,pin,badge/fo	3116	DRCF	dp47
IWA	GNys Werra	16	ppc/fo,ms	3116	DRHM	dp47
IWA	GNys Datteln	69	ppc,l/fo,ms	3116	DRFA	dp47
IWA	GNys Frankenthal	90	ppc/fo,ms	3116	DREY 100 w	dp47
IWA	GNys Pegnitz	26	PPC/fo,ms	10192.5	DRFT 100 w	dp47
IWA	GNys U22	101	ppc,fo-cd/fo,ms	3116	DRDP 100 w	dp47
IWA	GNys U28	17	ppc,sti/fo,ms	3116	DRDV 100 w	dp47
LAT	Riga Rescue	19	ppc,l/IRC,fo	5680	600 w	dp47
NZL	Auckland Meteo	34	ppc,sched./IRC,fo	13550	ZKLF 5000 w	dp47
TRD	North Post R.	163	ppc	12885	9YL 1000 w	ai47

Remark on the QSL's DEL36 & DEA47:

As stated in NL 3-95, both QSL's sent out as a favour and there will be no further QSL's under any circumstances. BGS is the Federal Border Control. (dp47)

A D D R E S S E S:

USS Bainbridge (CGN-25): FPO AE 09565-1161 (ai47)
 North Post R.: Telecommunications Services of Trinidad and Tobago Limited,
 P.O.Box 917, 54 Frederick Street, Port of Spain, Trinidad, West Indies (ai47)
 PC349: c/o Marinefliegergeschwader 3, -Graf Zeppelin-, z.Hd. Kapit.,nleutnat
 Wollstein, Feuerweg 6, D- 27637 Nordholz (asks for many reports on pollution
 control aircrafts!)

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AUS1MLB: IPS Radio & Space Services, P.O.Box 5606, West Chatswood, NSW 2057,
AUSTRALIA
RAF High Wycombe ('Architect'): HQ 38GP, HQ STC, RAF High Wycombe, Buckingham-
shire HP14 4UE, U.K. (all by dp47)

I N F O:

to fd40: (cf. NL 5-95): DRHM is the new Tender WERRA (dp47);
(cf. NL 5-95): UNID NDB 'GMH' on 423khz is Germinghausen (gdBE)

to all:

There is a new Utility Club in the USA called "WUN - World Utility News".
(An Electronic Club Dealing Exclusivly in Utility Signals on HF). It is the
first electronic club with an electronic newsletter. "Members" join simply
sending e-mail to WUN listserver at:

Majordomo@phoque.info.uqam.ca

with the first following command in the BODY of your e-mail message:

subscribe wun

That's it! You've joined. There are no dues for this club, and a monthly
newsletter will be send to all subcribed members monthly.

From the input received, the colum will be:

a: International Civil Aero b: Maritime c: Military d: Other SSB news
nad unidentified's (non-aero, non-maritime, non-military) e: Digital News &
Info f: Logs g: New products and reviews h: QSL's -received and info
i: Numbers/Oddities.

This may change more or less depending on member input.

Those without computer/internet access are also welcome. However, they must
pay the cost of printing and mailing of the newsletter. Tim Braun
(dpht10d@prodigy.com) has volunteered to publish the paper edition. More in-
formation as to cost and a mailing address will be announced, but it will
be "at cost".

remark de ed:

I got the paper edition of WUN Nr. 2 and I can say that there is really some
interesting stuff in there also for european DXer's. For a paper edtion
please write to:

Tim Braun, 15915 Smithey Drive, Haymarket, VA 22069, USA.

But please don't forget to put some US Dollars in your letter for printing
and mailing costs.

de ti47:

New GNY-ship:

Since the 8. of December 1994 the seventh of ten new Minesweepers class 343,
FGS DATTELN, is on duty. With a traditional ceremony the chief of staff
COMBALTAP, Admiral Dr. Hess, and Com (GE) MSFlt, KptzS Nolting set the vessel
on duty. Callsign and Hull-No. are still unknown. FGS DATTELN is affiliating
to the 1 (GE) MS Sqn in Kappeln-Olpenitz. (ti47)

Ref.: UTNL 4/95, German "DEA47" by editor:

It is still not surely known what DEA47 is working for. Officially, to keep
the public quiet, it has to lead radiocommunication statistics. But we can
be sure that DEA47 is mainly working for Germany's secret service BND. Perhaps
Germany's number messages ("B"-Service) come from this site. The fact is:
DEA47 is located at Husum / Nordfriesland in Schleswig-Holstein.

When I went to Husum for summer hollidays a few years ago, the site looked
like barracks to me and it is guarded like the US-border to Mexico. That may
ensure the presence of ND. Take a trip to Husum and You'll see...ti47)
(anyway, nice to get them verified, hi.-ed).

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RAF VOLMET changed QRGs:

RAF WEST DRAYTON VOLMET in Great Britain has changed their 4 and 11 MHz frequencies. The former 4722.0 changed to 4739.0 and 11200.0 to 11178.0 kHz. The use of the new frequencies started at 0000 UTC on 01.05.1995. (ti47)

DHM91 is still active:

Contrary to all other oppinions and informations GAF MŠNSTER is still active. Watch out for DHM91 on 5687.0 and 1121.0 kHz! (ti47)

to ti47:

Concerning your comment to cw37 comment on 'Kling-il-Fuss': I agree with rk50 in NL4-95 that the discussion should be end in the NL. But there's no problem to exchange the different point of views by personal letters. (ed).

to koCH: Please use NL-format for your logs (freq, time, callsign, station etc). It takes much more time with the input for me if you use an other format. You don't have to sort your loggings. TNX! (ed)

R E Q U E S T ' s :

What's up in August?

Let's discuss something: what about information over 12 months of an UTNL-year? I'm thinking about a twelfth issue of the UTNL in August. To relieve the load on rk50 I would prefer an issue only with informations, comments or exchange, without any logs. RK50 shouldn't be the editor (that doesn't mean that I don't agree with his edits), someone else could do this job. He can collect informations all over the year, contact members and so on. Maybe we could raise the membershipfee if necessary. But first of all let's discuss this idea, okay? (ti47)

(I wait for your comments about this request -ed.)

From the moneyfront: Fee received from MvA. (tnx)

Last but not least: Many thanks to the following contributors koCH, zeTC (mny tnx fr yr viewcard!), ti47, nr76, dp47. Until next time.

NEWSLETTER 7/95

+++++
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Deadline: 20th of the month

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Hi folks.

Temperatures around the Computer are hot and sultry but I had to follow the call of duty. Some nice stuff I think this time. Don't forget that there will be no Newsletter in August as we have our usual summer break! So I hope to see you in September. And now let's start:

N O N D I R E C T I O N A L B E A C O N S

212	0112	TN	Tienen	BEL	id	gdBE
284.5	0136	BUS	Brussels	BEL	id	gdBE
285	1340	NR	Inchkeith	G	id	gdBE
290	0127	ONL	Liege/Bierset	BEL	id	gdBE
290.5	0130	VI	Capo Vilano	E	id	gdBE

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291.5	0338	SU	South Rock Light Vessel	G	id		mdG
292	1248	FG	Pt. de Barfleur	F	id		gdBE
292	0305	MLL	Melilla	MEL	id	(nice catch, ed)	mdG
293	0139	OB	Bruno/Brussels	BEL	id		gdBE
294	0145	PH	Alprech	F	id		gdBE
295.5	0148	EM	Etampes	F	id		gdBE
296	0149	GR	Goeree	HOL	id		gdBE
298	0304	GX	Ille de Groix	F	id + tone		mdG
298.5	0304	RR	Round Island	G	id + tone		gdBE+mdG
301	1402	DU	Dungeness	G	id		gdBE
302	1408	RB	Cherbourg	F	id		gdBE
302.5	1405	FB	Flamborough	G	id		gdBE
303	2111	FV	Flasterborev Lt.	S	id + dash		zeTC
303	2112	RTT	Rattenberg	AUT	id		zeTC
303.5	1410	VL	Vlieland	HOL	id		gdBE
303.5	2114	GR	Gredser Rev Lt.	DNK	id + dash		zeTC
304	2353	VR	Vila Real	POR	id		gdBE
304.5	2124	MY	Cabo Mayor Lt.	E	id + dash		gdBE+zeTC
305	0155	AL	Pt. d'Ailly	F	id		gdBE
305	2327	OT	UNID	?	id		gdBE
307	2343	GL	Eagle Island	IRL	id		gdBE
308	1308	GR	Grimsey	ISL	id		gdBE
309	0157	WW	Antwerpen	BEL	id		gdBE
310.5	2133	SG	Sjaellands Rev North Lt.	DNK	id + dash		zeTC
311	2340	LMA	Lima	D	id		gdBE
311	2353	NF	North Foreland	G	id		gdBE
312	1330	OE	Oostende	BEL	id		gdBE
312.5	0017	CS	Calais	F	id		gdBE
312.5	2140	BT	Mys Taran Lt.	KAL	id + dash		zeTC
313.5	0134	BR	Cap Bear	F	id		gdBE
314	1349	OZ	Brussels	BEL	id		gdBE
317	0203	VS	Valenciennes	F	id		gdBE
319	2341	LEC	Stavanger	NOR	id		gdBE
321	0019	GV	Granville	F	id		gdBE
323	0205	ONC	Charleroi/Gosselies	BEL	id		gdBE
326	1958	LLS	Lelystadt	HOL	id		gdBE
326	0039	LM	Le Mans	F	id		gdBE
327	0210	MVC	Merville/Colonne	F	id		gdBE
328	0209	OLS	Paris/Orly	F	id		gdBE
331	0212	LL	Lille	F	id		gdBE
334	0213	BGW	Genevilliers	F	id		gdBE
335	2344	TWN	Twenthe	HOL	id		gdBE
336	0214	NIK	Nicky/Brussels	BEL	id		gdBE
339.5	0217	GI	Glisy/Amiens	F	id		gdBE
341.5	0215	BUN	Bruno/Brussels	BEL	id		gdBE
346	2348	WLU	Luxembourg-west	LUX	id		gdBE
348	2320	TRT	Trent	D	id		zeTC
349	0220	OYE	Paris/Sucy	F	id		gdBE
349	2326	JX	Vaxj"	S	id		zeTC
350.5	0221	ROT	Rotterdam	HOL	id		gdBE
351	2334	NS	MaIm"/Sturup	S	id		zeTC
352.5	0219	DD	Oostende	BEL	id		gdBE
354	2154	FIN	Finno	FNL	id		zeTC
356	0222	ONW	Deurne	BEL	id		gdBE
356	0226	RSY	Paris/Roisy	F	id		gdBE
359	0227	SAN	Stansed	G	id		gdBE
359	2340	LK	Lidk"ping	S	id		zeTC
360.5	0226	MAK	Makkel/Brussels	BEL	id		gdBE
364	0233	RSO	Paris/CDG	F	id		gdBE
365.5	0234	BC	Brasschaat	BEL	id		gdBE
366	0410	UTH	Uthaug	NOR	id		mdG
367.5	0447	CF	Clermont-Ferrand	F	id		mdG
369	0237	PS	Rotterdam	HOL	id		gdBE
369.6	0236	CGZ	Paris	F	id		gdBE
370.5	0719	AP	Aberporth	G	id		mdG
371	0721	MLX	Morlaix-Ploujean	F	id		mdG
371.5	0240	SHA	Schaffhausen	SUI	id		gdBE
371.5	0405	NH	Norwich	G	id		mdG

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372	0717	BV	Brough	G	id		mdG
372	0417	OZN	Prins Christan Sund	GRL	id	(nice catch, ed)	mdG
373	2354	ZW	Zuid Limburg	HOL	id		gdBE
374.5	2203	SOG	Solling/Neuhaus	D	id		zeTC
375	0247	OO	Oostende	BEL	id		gdBE
375	2204	NDG	Nordlingen	D	id		zeTC
377	2355	MGB	Mönchengladbach	D	id		gdBE
379	0216	CZ	Charleville	F	id		gdBE
379	0046	REK	Reksten	NOR	id		gdBE
381	0212	AB	Akraberg	FAR	id		gdBE
381	0045	AK	UNID	?	id		gdBE
382	1051	PM	St. Quentin	F	id		gdBE
383	2126	LAG	Rostock/Laage	D	id		zeTC
383.5	1052	GUL	Gulpen	HOL	id		gdBE
385	1327	OAN	Orleans/Bricy	F	id		gdBE
387	0201	ING	St. Inglevert	F	id		gdBE
389	1053	CC	Charleroi	BEL	id		gdBE
389	0152	BV	La Palma	E	id		gdBE
389	2210	MR	Myra/Skien	NOR	id		zeTC
392	0156	RW	Tegel-west	D	id		gdBE
393	1054	DEN	Dendermonde	BEL	id		gdBE
394	2118	NB	Stockholm/Bromma	S	id		zeTC
396	1943	RON	Ronchidei	I	id		zeTC
397.2	0100	DHE	Helgoland	D	id		zeTC+gdBE
398	2213	PEO	Peola/Nyk"ping	S	id		zeTC
399	0424	NGY	New Galloway	G	id		mdG
399.5	1056	ONO	Oostende	BEL	id		gdBE
401	1341	FNL	Fendland	G	id		gdBE
401	0001	BET	Rheine-Bentlage	D	id		gdBE
402	1322	ORW	Orly-west	F	id		gdBE
403	1500	OP	UNID	?	id		gdBE
403	2239	LW	Luxembourg	LUX	id		gdBE
403.5	1058	MRV	Merville	F	id		gdBE
404	0143	NL	Nols"	FAR	id		gdBE
405	2218	GRW	Grafen"hr	D	id		zeTC
405	2048	TR	Zielena Gora	POL	id		zeTC
406	2220	HOZ	Holzdorf	D	id + dash		zeTC
406	2222	MO	Mogilev Podolski	UKR	id		zeTC
414	0133	AS	Angers	F	id		gdBE
414	2340	SLB	Solberg	NOR	id		zeTC+gdBE
415	2219	OL	Link"ping/Saab	S	id		zeTC
417	1101	MK	Calais	F	id		gdBE
420	2219	SS	Malm"/Sturup	S	id		gdBE+zeTC
425	2227	ORU	Orust	S	id		zeTC
426	0110	GBG	Gleichenberg	AUT	id		gdBE
428	0115	BST	Lanveoc/Brest	F	id		gdBE
429	0059	CLN	Clacton	G	id		gdBE
431	0056	ONT	Kleine Brogel	BEL	id		gdBE
432	2240	HNU	Hanau	D	id		zeTC
433	2243	P	Nyireggyhaza	HNG	id		zeTC
434	2243	SK	Leipzig/Halle	D	id		zeTC
434.3	0054	THN	Thorn	HOL	id		gdBE
439.9	0208	PIA	Piacenza	I	id		gdBE
440	0203	DRE	Dredzenko	POL	id		gdBE
444	0120	TU	UNID Tirstrup? QSY?	?	id		gdBE
452	0157	ANS	Ansbach	D	id		gdBE
468	0124	FTZ	Fritzlar	D	id		gdBE
473	0114	FHA	Friedrichshafen	D	id		gdBE
480	0103	VIB	Viterbo	I	id		gdBE
482	0045	SWH	Schw,,bisch Hall	D	id		gdBE
482	0055	LOU	Louvigny	F	id		gdBE
486	0046	IA	Brno/Turany	SVK	id		gdBE
488	0039	ILM	Illeshein	D	id		gdBE
496	0139	PA	UNID	?	id		gdBE
510	1221	ST	St. Truiden	BEL	id		gdBE
545	1717	LIC	Lichfield	G	id		mdG
1046	2320	TZ	Vologda	RUS	id		zeTC

M A R I T I M E

2182	0206	TFT	Hornafjoerdur R.	ISL	id anns for galewarn	mdG
2182	0340	ELOZ4	UNID	IWA	wkg Blaavand R.	mdG
2182	0322	VCM	St. Anthony CGR	CAN	wkg CFD?681 QSY	mdG
2182	0306	4XO	Haifish R.	ISR	id	mdG
2657	0733	CTN	Ny Apulia	POR	PP+EE nav warn.	mdG
4000	0605		MS Greifenstein	IWA	wkg Donaufunk	hb31
4350	1954	TBB	Ny Ankara	TUR	cw-vvv	zeTC
6329	0330	VCT	Tors Cove R.	CAN	cw-id + sitor	hb31
6493.5	1920	LYL	Klaipeda R.	LTU	cw-de	zeTC
6507	0754	VIS	Sydney R.	AUS	tfc list, wkg ship	mdG
8294	0815	WWXB	Buffalo Soldier	IWA	clg WPP0, QSY 8B	mdG
8294	0815	WPP0	Advantage	IWA	wkg WWXB, QSY 8B	mdG
8297	0607		Talco? Maritime R.	?	wkg LXBU(see Info,ed)	mdG
8441.4	0719	SVT	Athena R.	GRC	cw-de	mdG
8442.4	0800	TCR	Tophane Kulesi R.	TUR	cw-id's, tfc list	mdG
8447.6	0702	ROD9	UNID	?	cw-cq	mdG
8460	0704	PPJ	Juncao R.	B	cw-vvv	mdG
8461	0741	CBA	Antofagasta R.	CHL	cw-cq	mdG
8469	1930	D4A	Sao Vicente R.	CPV	cw-cq	mdG
8492	0709	PPR	Rio de Janeiro R.	B	cw-vvv	mdG
8496	1955	CLA	Habana R.	CUB	cw-cq	mdG
8511	1950	XSW2	Taichung R.	TWN	cw-cq	mdG
8514	1705	XSQ	Quangzhou R.	CHN	cw-cq	mdG
8512.7	1651	VHI	Ny Darwin	AUS	cw-vvv	mdG
8522	0639	CBV	Valparaiso R.	CHL	cw-vvv	mdG
8539	1655	VRK	Hongkong R.	HKG	cw-cq	mdG
8565	1550	NRV	USCG Apar Harbour	GUM	cw-id, msgs	mdG
8565	2002	D3E	Luanda R.	AGL	cw-cq	mdG
8570	0747	WNU	Slidell R.	USA	cw-cq	mdG
8571	1953	JNA	JMSA Tokyo	J	cw-cq	mdG
8589	0659	HPP	Panama R.	PNR	cw-vvvccq	mdG
8610	1857	UCE5	Archangelsk R.	RUS	cw-de	zeTC
8685	1910	CNP	Casablanca R.	MRC	cw-cq qsx	zeTC
8690	0740	3DP	Suva R.	FJI	cw-cq	mdG
8688.5	1926	ZSC	Capetown R.	AFS	cw-cq	mdG
8706	1625	JOS	Nagasaki R.	J	cw-cq	mdG
12660	0923	YIR	Basrah R.	IRQ	cw-de	mdG
12660	1946	WLO	Mobile R.	USA	cw-de + msgs	mdG
12659.5	0907	9VG35	Singapore R.	SNG	cw-vvv	mdG
12704.5	1435	PKM	Bitung R.	INS	cw-cq	mdG
13008	0757	JOR	Nagasaki R.	J	cw-cq	mdG
13023	0838	D3E	Luanda R.	AGL	cw-cq	mdG
13041.5	1719	XVS	HoChiMinh-Ville R.	VTN	cw-cq	mdG
16363	1632	CNRS	UNID	IWA	clg Portishead R.	mdG
16363	1630	CNA265	UNID	IWA	clg Portishead R.	mdG
16363	1733	YJYA9	Victor Nelson (ads?)	IWA	wkg Portishead R.	ai47
16528	0803		Hongkong Express	IWA	clg DAAD	hb31
16817	1536	WCC	Chatham R.	USA	cw-id + sitor	zeTC
16821	1539	VRX	Hongkong R.	HKG	cw-id + sitor	zeTC
16817.5	1537	ZSC	Capetown R.	AFS	cw-id + sitor	zeTC
16819.5	1538	NMN	USCG Camslant	USA	cw-id + sitor	zeTC
16828	1540	WLO	Mobile R.	USA	cw-id + sitor	zeTC
16830	1542	HEC	Berne R.	SUI	cw-id + sitor	zeTC
16835.5	1844	9AR	Rijeka R.	HRV	cw-id + sitor	zeTC
16839	1845	UFN	Novorossijsk R.	RUS	cw-id + sitor	zeTC
16880	1545	XSQ	Guangzhou R.	CHN	cw-id + sitor	zeTC
16891	1547	XSG	Shanghai R.	CHN	cw-id + sitor	zeTC
16933.1	0934	JOS	Nagasaki R.	J	cw-cq	mdG
17184.8	1644	KFS	San Francisco R.	USA	cw-cq	mdG
19694	1634	UGC	St. Petersburg R.	RUS	cw-id + sitor	zeTC
19698	1635	OST	Oostende R.	BEL	cw-id + sitor	zeTC

A E R O N A U T I C A

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2869	2102		Syktyvkar Volmet	RUS	wkg, a/p-wx	ti47
2878	2028	LGQ	Rogaland Radio	NOR	wkg phonepatch	ti47
2884	2117		Aero Minsk	BLR	wkg unid,routeplan	ti47
2941	1944		Moscow Volmet	RUS	wkg a/p-wx	ti47
2941	2326		Rostov Volmet	RUS	wkg, a/p-wx	ti47
3005	2238	EFJ	unid (Spain?)	???	cw vvv vvv vvv cq	ti47
3010	1945		KLM Amsterdam	HOL	wkg phone to A/C	ti47
3044	2040		unid, NATO-MATELO	???	wkg unid A/C	ti47
3067	1836	2XF	unid,tactical, (NATO?)	???	wkg 5nrgrs	ti47
3067	2325	AJE	USAF Croughton	G	cw, id, TAF-wx	ti47
3407	1950		Tashkent Volmet	UZB	wkg a/p-wx	ti47
3407	2046		Alma Ata Volmet	KAZ	wkg a/p-wx	ti47
3407	2123		Aktyubinsk Volmet	KAZ	wkg a/p-wx	ti47
3413	1931		Shannon Volmet	IRL	wkg, TAF-wx	ti47
3930	2040		RAF Natishead	G	wkg tactc. 3BZ,rep	ti47
4654	2115		Berna Radio	SUI	wkg RA-82042	ti47
4700	2117	PULA	AF Pula	HRV	msgs in HRV(id? ed)	ti47
4731	1805	MKL	RAF Edinburgh	G	CW, wkg IIO, grps	ti47
4739	2303	MVU	RAF West Draston	G	usb Volmet	ti47
4742	1833	ARCHITECT	RAF Upavon	G	wkg tactical 1PX	ti47
4763	1738	DOW	unid, tactical, A/C??	AIR	wkg G/C; NATO DCCS	ti47
4822	1536	BT8P	unid, poss HOL/BEL/G	???	id, surely MIL/NATO	ti47
5505	0751		Shannon Volmet	IRL	forecast	ti47
5532	2107		LDOC CSA Prague	CZR	wx for VARNA A/P	ti47
5535	0753	SPEEDBIRD	LDOC BA London	G	wkg DOEF, QSY VHF	ti47
5544	1913		LDOC Air Canada, Vanc.	CAN	wkg unid,routeplan	ti47
5550	0908		Aero New York	USA	wkg unid A/C	ti47
5598	2034		Aero Shanwick	IRL	end of traffic	ti47
5610	2118		Portishead Radio	G	wkg A/C	ti47
5616	2119		Aero Shanwick	IRL	wkg A/C, leaving	ti47
5637	0520		Kythira Aero	GRC	wkg Athens	hb31
5649	1919		Aero Shanwick	IRL	wkg A/C, posrep	ti47
5649	2133		Aero Reykjavik	ISL	wkg A/C posrep	ti47
5658	2138		Aero Nairobi	KEN	wkg, posrep, unid	ti47
5680	1037		Stockholm Rescue	S	wkg RESCUE-A012	ti47
5680	1303		Riga Rescue	LAT	clg Tingstade	hb31
5680	1750		Plymouth Rescue	G	clg Edinburgh test.	ti47
5680	1811	SCOTT-01	RAF-Flight	AIR	clg Plymouth Rescue	ti47
5680	1825		Edinburgh Rescue	G	wkg RES.137 posrep	ti47
5687	0913	DHM91	GAF Mnster	D	wkg FGS MÖLDERS	ti47
5691	2159		Magadan Volmet	RUS	wkg, TAF-wx	ti47
5714	0800	ARCHITECT	RAF Upavon	G	Color-state-wx	ti47
6604	2123		Gander Volmet	CAN	forecast	ti47
6617	1739		St.Petersburg volmet	RUS	a/p-wx	ti47
6617	1740		Moscow Volmet	RUS	forecast	ti47
6622	1620		Aero Shanwick	IRL	wkg N-551	ti47
6628	2142		Aero Stanta Maria	AZR	tfc-end, standby	ti47
6683	1030	JWT	RNON Stavanger MATELO	NOR	wkg unid A/C,tacti	ti47
6683	1523		USAF Andrews AFB	USA	wkg unid A/C(id?ed)	ti47
6688	1923	PORTLAND	unid RN or RAF Portl.	G	wkg tact. 9MI	ti47
6693	2032		Syktyvkar Volmet	RUS	a/p-metreps	ti47
6697	1047	H40	RAF-Flight	AIR	clg MKL,radiocheck	ti47
6712	0832		FAF Paris	F	wkg A/C (pari-pari)	ti47
6712	1536		USAF Offut AFB	USA	wkg 5ltrgrps(id?ed)	ti47
6712	2009		unid USAF	USB	wkg MSG, tactical	ti47
6730	2033		Tbilisi Volmet	GEO	wkg, a/p-wx	ti47
6730	2106		Aktyubinsk Volmet	KAZ	wkg met-report	ti47
6739	2012		USAF Loring	USA	wkg unid, (id? ed)	ti47
6739	2030	ARCHITECT	RAF Upavon	G	wkg Color-state-wx	ti47
6748	1348	GQ76	unid, NATO-Matelo-net	???	USB & CW msg s	ti47
6754	0526		unid, Volmet???	???	sounds like Volmet	ti47
6758	2105	MKL	RAF Edinburgh	G	CW, wkg TAF-wx	ti47
8819	2052		Tashkent Volmet	UZB	wkg a/p-wx	ti47
8825	1923		Aero Shanwick	IRL	wkg EZLR	ti47
8855	2115		Aero Belem	B	wkg ("BELEM"), wx	ti47
8861	2056		Aero Canarias	CNR	OM in SS wkg A/C	ti47
8879	1925		Aero Shanwick	IRL	wkg Air France-6458	ti47
8888	0948		Samara Volmet	RUS	wkg, a/p-wx	ti47

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8903	2134		Aero Kano	NIG	wkg unid A/C	ti47
8906	2206		Aero Shanwick	IRL	end of tfc, standby	ti47
8930	0949		DRF Stuttgart	D	wkg Lufthansa-6905	ti47
8930	0956		Stockholm Radio	S	QSY 13342	ti47
8939	2054		Kiev Volmet	UKR	wkg forecast	ti47
8957	0807		Shannon Volmet	IRL	Met-reports	ti47
8960	2201		Portishead Radio	G	wkg A/C phonepatch	ti47
8977	1216		RN Yeovil OPS	G	wkg, clg "YN"	ti47
8980	1042	GNV-4762	GNV Breguet-Atlantic	AIR	clg ELUI, HMS ???	ti47
8987	0806	MKL	RAF Edinburgh	G	CW TAF-wx	ti47
8992	1217		unid FAF	F	wkg A/C, "QRX"	ti47
9031	1033	ARCHITECT	RAF Upavon	G	wkg A1A,	ti47
10051	0850		Gander Volmet	CAN	wkg TAF-wx	ti47
10051	2125		New York Volmet	USA	wkg forecast	ti47
10072	2126	SPEEDBIRD	LDOC BA London	G	wkg 909-B, posrep	ti47
11175	0532		USAF Offut AFB	USA	wkg unid A/C(id?ed)	ti47
11175	1035	AJE	USAF Croughton	G	wkg A/C	ti47
11175	1510	JWT	RNON Stavanger MATELO	NOR	wkg NORGE-451	ti47
11175	1922	AFE8	USAF MacDill	USA	wkg a/c shadow 12	mdG
11175	2025		USAF Loring	USA	wkg, testing(id?ed)	ti47
11178	1027	MVU	RAF west Drayton	G	Volmet	ti47
11205	1030	ARCHITET	RAF Upavon	G	color-state-wx	ti47
11212	1406	MKL	RAF Edinburgh	G	CW, wkg TAF-wx	ti47
11217	0855	DHM91	GAF Mnster	D	wkg GAF-912, p/p	ti47
11234	1031	CYPRUS	RAF Akrotiri	CYP	wkg color-state-wx	ti47
11234	0949	ARCHITECT	RAF Upavon	G	wkg 9421	ti47
11247	1029	ARCHITECT	RAF Upavon	G	wkg SCOTT-542	ti47
11270	1035	J4P	AWACS over Adriatic s.	AIR	wkg DHN66, posrep	ti47
11297	0814		Moscow Volmet	RUS	a/p-wx	ti47
11300	2156		Aero Seychelles, Mahe	SEY	wkg unid A/C, wx	ti47
11300	1854		Asmara Aero	ERT	clg Addis	hb31
11306	1519		Portishead Radio	G	wkg A/C,phonepatch	ti47
11318	0816		Samara Volmet	RUS	a/p-wx	ti47
11318	1020		Tyumen Volmet	RUS	a/p-wx	ti47
11345	0847		Stockholm Radio	S	wkg QSY to 13342	ti47
11363	2218		BRITANIA OPS Luton	G	wkg unid A/C	ti47
11396	0707		Perth Aero	AUS	wkg Jakarta	mdG
13264	2035		Shannon Volmet	IRL	wkg, forecast	ti47
13270	2222		Gander Volmet	CAN	wkg a/p-wx, f-cast	ti47
13304	0959		LDOC EL-AL Tel Aviv	ISR	wkg unid A/C	ti47
13342	0848		Stockholm Radio	S	wkg AEROPS-602	ti47
15016	0536		USAF in ???	USA	wkg 5ltrgrps	ti47
18018	1225	CYPRUS	RAF Akrotiri	CYP	wkg OSCAR-6326,QSY	ti47

F I X E D B A N D S

82.8	0607	MKL	RAF Edinburgh	G	cw-de, wx info, rtty	mdG
4858.6	1052		UNID	?	EE wkg GQR,ny cadets?	mdG
5462.5	0723		UNID	?	cw-tfc, vy weak	mdG
5694	0152	C7C	UNID	?	clg YM5 & 6MM r/c	ai47
6779	1540	DRHM	GNYS Werra	IWA	wkg DHJ59	mdG
7335	2333	FDC	FAF Metz	F	cw-vvv	zeTC
7473	0903	FDC	FAF Metz	F	cw-vvv	zeTC
7870	1234	LN2A	NRTA Sveio	NOR	cw-id + sitor	hb31
8095	0745		Sylvair R.	?	wkg a/c see Info,ed	mdG
8208	1634		Bangkok Meteorolog. R.	THA	thai anns,is,id	zeTC+mdG
10275	0925	RYM4	Geophys. Inst. Moscow	RUS	wx in russian	hb31
10407	1559	LN2A	NTRA Sveio	NOR	cw-id	zeTC
10871.8	0612	D	SLB Odessa	UKR	cw-id	mdG
10990	1600		BSKSA Riyadh Feeder	ARS	AA id, nx (LSB)	zeTC
13636.1	0824	F	SLB Vladivostok	RUS	cw-id	mdG
14391.5	1956	NNN0MEH	UNID MARS	?	wkg NNN0ZTI	ai47
14402	1928	AEM5USB	MARS Skopje	MDN	wkg AAM3PP	ai47
14402	1928	AAM3PP	MARS Saint Albans,NY	USA	wkg AEM5USB	ai47
14402	2130	AR227	MARS western Sahara	AOE	wkg AAM3PP	ai47
14402	2139	AAR1HG	MARS UNID - QTH Maine	USA	wkg AAM3PP	ai47
14441.5	1732	NNN0NAL	USS Abraham Lincoln	IWA	clg any station	ai47

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14441.5	2250	NNN0CMS	USCGC Courageous	IWA	wkg	NNN0IBM	ai47
14470	2245	NNN0HLLQ	MARS Wimberly,TX	USA	wkg	NNN0COQ	ai47
14470	2240	NNN0IBM	MARS Prospect Harbour,ME	USA	wkg	NNN0CCY	ai47
14477	2326	NNN0TDU	MARS Falmouth,ME	IWA	wkg	NNN0CBV	ai47
14477	2308	NNN0OUTO	MARS Republic,WA	USA	wkg	NNN0CZY	ai47
15731	1507	PCW1	MFA Den Haag	HOL	cw-id + sitor		zeTC

D I G I T A L

4707.2	2043	RFF--	Paris	F	ARQ342/200/400/2ch	pcG
5400.51	2050	??	UNID	?	PICC/12 single ch crypto	pcG
5458	0755	??	UNID	?	ITA2/50/850 aero mkr ryry?	pcG
5623.70	1320	THVHF	Bonn	D	ARQE/96/85 qvl to Erfurt (ch move - 6 to 4)	pcG
5869.5	0748	RETWCL	Luego Police	E	SITOR/A/400 msg fm luego	pcG
6845.51	1000	??	UNID	?	PICC/12 single ch crypto	pcG
6901.5	0945	37	Irish Navy	IRL	SITOR/A long msg to 0A	pcG
6901.5	0950	0A	Irish Navy	IRL	SITOR/A qsl msg to 37	pcG
6999.51	2042	??	UNID	?	PICC/12 single ch crypto	pcG
7321.5	1300	FDY	Orleans FAF	F	ITA2/50/400 fdy test/ry	pcG
7362.5	1930	FDY	Orleans FAF	F	ITA2/50/400 fdy test/ry	pcG
7467.9	0855	OZU	Copenhagen Dipl	DNK	TWINPLEX/100 Danish msg	pcG
7599.40	1114	GSVHF	Bonn	D	ARQE/72/85 qvl msg	pcG
7677	1120	HBD20	Berne Diplo	SUI	SITOR/A 5lgs	pcG
7808	1100	??	UNID Diplo	?	FEC/A/144/400 crypto end with "ok qsl gru 73"	pcG
7900.70	1325	GOVHF	Bonn	D	ARQE/72/85 crypto msg toBerlin (An upward midday qsy?)	pcG
8145	1030	EIP	Shannon Aero	IRL	ITA2/50/850 "SMA" aero msgspcG	pcG
8156	1135	??	UNID	?	ARQE/100/400 idle	pcG
8298	2022	RBSL	Bombay IN	IND	ITA2/50/850 ryrysgsg test	pcG
10917.7	1709	RFTJ	C.Vert(Dakar)	SEN	ARQE3/48/400 TJF to p.bouetpcG	pcG
10991.7	1400	RFFVAY	Sarajevo	BHE	ARQ342/200/400/2ch cha FKWA wx msgs/ chB FKWB zid/zic statpcG	pcG
14401.6	1850	4UZ	Geneva UNHCR	SUI	PACTOR/U msg to HCARMYE	pcG
14607.7	1534	PWBL	Ny Corumba	B	ry sg clg PWN33	75 ai47
14639	1800	??	Baghdad Diplo	IRQ	POL-ARQ Pol op chat	pcG
14663.5	2020	DMK?	Bonn? Diplo	D	ARQE/96/170 idle	pcG
14670	0500	RFFVAT	Incirlik	TUR	ARQE3/200/400 FKW4 5lgs	pcG
14936.5	2032	NNN0--	UNID USN MARS	?	SITOR/A "nmdc" s/c NN0MDC)	pcG
18872	1110	BZR68	XINHUA Beijing	CHN	ITA2/75/400 EE news	pcG
19892.51	1200	GYU	GNY Gibraltar	GIB	PICC/6 "muh de gyu foxes"	pcG
19980	1116	9BC33	IRNA Tehran	IRN	ITA2/50/400 AA news	pcG
20730.5	1205	??	Lusaka UNHCR	ZMB	PACTOR/U "HCZAMLU" to Gen.	pcG
20730.5	1430	4UV	Nairobi UNHCR	KEN	PACTOR/U "HCKENNA" to Gen.	pcG
20734	0755	4UZ	Geneva UNO	SUI	PACTOR/U EE msg to Nairobi	pcG
20754	1210		Bujumbura ICRC	BDI	PACTOR/I op chat to GVA	pcG
20754	1000	5ZR88	Nairobi ICRC	KEN	PACTOR/I msg to "GVA"	pcG
20754	1540		Monrovia ICRC	LIB	PACTOR/I "monrovia here"	pcG
20754	0820	HBC88	Geneva ICRC	SUI	PACTOR/I icrc news b/c	pcG
20856.7	1134	RFQP	Djibouti	DJI	ARQE3/200/400 "DJK" C.Vert	pcG
21818.7	1315	??	Lisbon? DIPLO	POR	SITOR/A 5lgs to Kinshasa	pcG

T I M E S I G N A L S T A T I O N S

5000	0640	YVTO	TS CagliaI	VEN	ts, SS id	mdG
5000	0700	IAM	TS Rome	I	cw-id	mdG
5000	2059	BPM	TS Lintong	CHN	ts, cw-id CC YL-id	zeTC
5000	2059	RCH	TS Tashkent	UZB	ts, cw-cq vvv	zeTC
10000	0649	WVH	TS Kekaha	HWI	YL-id, ts	mdG
10000	0440	WV	TS Fort Collins	USA	ts, EE OM-id	zeTC
12984	0418	VNG	TS Llandilo	AUS	ts, cw-id	zeTC
15000	0656	WVH	TS Kekaha	HWI	YL-id, ts	mdG
15000	2029	LOL	Obs. Nav. Buenos Aires	ARG	ts, cw-id, SS-id	zeTC
15000	0659	BPM	TS Lintong	CHN	ts + id	mdG
15000	1527	WV	TS Fort Collins, CO	USA	ts (2258 de zeTC)	mdG

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MEMORY LANE LOGS (1965) de pcG

9090	1220	ODH20	Beirut PTT	LBN	CW "4wa de odh20 zan zvp"
9113	1300	ATF59	Kirkee	IND	CW de atf59 ere newscast
9843	1242	ZUJ	Jan Smuts Aero	AFS	CW "zrp de zuj grk5"
12047.5	1242	GYA	Gibraltar RN	GIB	CW "sxa de gya zgn"
16375	1117	EPX	Tehran PTT	IRN	CW "atb28 de epX zok sa.."
17550	1007	LQC	Monte Grande	ARG	CW "sdv81 de lqb82/lqc"
17560	1915	OEF55	Linz PTT	AUT	USB voice mkr - ee only
18132.5	0900	CQK5	Sao Tome CPRM	CPV	CW v mkr
19870	0840	9KT37	Kuwait PTT	KWT	USB musical/voice mkr aa/ee
19890	0842	TJF98	Douala	CME	USB voice mkr - ff only

FRENCH MILITARY (DOMESTIC) MAY/JUN 1995
ALL ARQE/72/400 UNLESS STATED OTHERWISE (pcG)

FREQ	CID	RID	DATES	REMARKS
----	---	---	----	-----
4035	UFA	UAF	22/5	Ex. BOOMERANG "METZ DE RFFGCFA" off by 0800
4511.5	-	-	27/5	idle all day - nil tfc
4933	UAF	UFA	25-27/5	Ex. EUROTRANSITEX "FROM CORPS STRASBOURG TO RFFMHO CORPS EUROPEAN COMMANDENT"
5096	UAF	UFA	30-31/5	"RFFEDFM DE SOUGE" c.d.v/zic/znr msgs
5247	UFA	UAF	30/5	"RFFEDCS DE RFFEDFA" le brick/ry
5254	UFA	UAF	22/5	Ex. BOOMERANG "METZ DE RFFGCFA" zid/zic msg
5285	-	-	14/6	idle - last heard May/94(MUD)
5404	UAF	UFA	30/5	"RFFEDFA DE RFFEDCS" off by 1300
5428	UAF	UFA	22-23/5	Ex. BOOMERANG "RFFGCFA DE METZ" 5lt gps
5455	UBD	UDB	9-11/6	Ex.WINGED CRUSADER "FROM DIVONZE AVANT"
5732.5	-	-	CONT.	On idle H24 nil tfc - gone by 13/6
5754	UFA	UAF	30-31/5	EX.056/ACTIONEX/NP "RFFZEFB DE RFFEDFA" FROM COMELEF ACTIONEX TO RFFZEFB/DIRACTIONEX
5775	-	-	6/6-	idle H24 - last hrd Jun/94 nil I/D
5862.5	-	-	CONT.	On idle H24 nil tfc - gone from 7/6 onwards
5862.5	-	-	14/6-	on idle again - nil tfc
6850	-	-	30/5	idle off by 1400 - nil
6850	-	-	6/6-	idle H24 - was UCF Oct/94
6963	-	-	12/6	idle - new
6974.5	UFA	UAF	23-29/5	Ex. EUROTRANSITEX 1900 "QSY F04"
6976	EHQ	EHR	DAYS	ARQE/192/170: Ajaccio to Marseille - idle
6980	UBD	UDB	8-11/6	Ex.WINGED CRUSADER "RFFWERM DE RFFWECR 5ltgp
7340	UBD	UDB	8-9/6	"RFFWERM DE RFFWERM" 5ltr gps
7340	UBD	UDB	13/6	Ex.WINGED CRUSADER msgs
7442.5	UQA	UAQ?	30/5-1/6	"RFFXQA DE RFFXQA" c.d.v ++ On 31/5-1/6 it changed speed to 184.6 bauds ++ it gave regular c.d.v. msgs but nil tfc
7473	UAF	UFA	22/5-29/5	Ex. EUROTRANSITEX "RFFXCFA DE RFFXCCS"
7614	EHR	EHQ	DAYS	ARQE/192/170: Marseille to Ajaccio - idle
8140.5	UQA	UAQ	13/6	"RFFXQA DE RFFXQA" c.d.v (600hz shift)

FRENCH DOMESTIC(MILITARY) JUNE/JULY 1995
ALL ARQE/72/400 UNLESS OTHERWISE STATED (pcG)

FREQ	CID	RID	YEAR	DATES	REMARKS
----	---	---	----	----	-----
3606	-	-	95	all	ARQE/192/170 should a be night freq for EHQ/EHR link - no cfm yet
3774	-	-	95	7/7-	ARQE3/100/400 unsync idle - MOI??
5732.5	-	-	95	17-30/6	on contin. idle - nil traffic
5732.5	-	-	95	5-17/7	back on idle
5862.5	-	-	95	14-30/6	on contin. idle - nil traffic
5862.5	-	-	95	7-17/7	back on idle
6976	EHQ	EHR	95	all	ARQE/192/170 Ajaccio/cont idle
7614	EHR	EHQ	95	all	ARQE/192/170 Marseille/cont idle

A lack of French domestic activity this time, probably associated with lack of interest in exercises, due to holidays etc!

UTNL1995

Q S L - R E V I E W

AUS-Ny Darwin	49	l/rp	direct	8512	VHI		hb31
BRB-a/c United 988	40	l,fo/-	#Barbados	6637			hb31
CAN-Tors Cove R.	41	card		8419.5	VCT		zeTC
D- NDB Erfurt	12	ppc,lt,st/vc		425	"ERT"	100 w	zeTC
D- NDB Hammelburg	14	ppc/vc	via Frankfurt	403	"HAB"		zeTC
D -NDB M'nchengladbach	4	ppc/rp		377	"MGB"		hb31
D -NDB Wustrow	30	c/rp		314	"WU"		hb31
E -Ny Madrid	13	ppc,i/rp		6408	EBA		hb31
GRC-Kerkyra R.	42	ppc	2nd try	2182	SVK	850 w	ai47
IWA-Brought Ferry Lfb	480	l,c/rp		2182			hb31
IWA-GNys U-11	30	ppc,sti's		3116	DRDE	100 w	ai47
IWA-GNys Donau (new)	41	ppc		6779	DRHO	1000 w	ai47
IWA-GNys Donau (old)	374	ppc		10192.5	DRHP	1000 w	ai47
IWA-GNys Main	31	ppc		6779	DRHN	100 w	ai47
IWA-GNys U-18	28	ppc,sti		10192.5	DRDL		ai47
IWA-Grampian warrior	61	ppc,l,vc		2182	2MGD		ai47
IWA-HMS Liverpool	54	ppc,l,c,large fo		16363	GZIS	300 w	ai47
IWA-HrMS Zuiderkruis	19	ppc,vc,sti's		8240	PAZI	1000 w	ai47
IWA-MGSS Klosterneubur	106	ppc/rp	#Rhine	4000			hb31
IWA-RRS James Clark Ross	89	ppc,i,book	on penguins	9106			hb31
IWA-Sunset Baronet	151	ppc		2182	GFRS	250 w	ai47
IWA-Toisa widgeon	58	ppc,l,fo		2182	C6JI8		ai47
IWA-USCGC Chandeleur	35	ppc		8240	NFFS	125 w	ai47
IWA-USS Bainbridge	64	ppc,l,vc	2nd reply	14391.5	NNN0CNP	500 w	ai47
IWA-USS Chancellorsville	28	ppc,l,fo,vc		14470	NNN0CC	1000 w	ai47
IWA-USS Gunston Hall	172	ppc,fo,i		14470	NNN0CFI	800 w	ai47
IWA-USS Hawes	25	fd-vc,fo,l		14470	NNN0CBF	800 w	ai47
IWA-USS John Hancock	28	ppc		14818.5	NNN0CZG	180 w	ai47
J -Tokyo R.	77	ppc,l	(hrd on MLA)	17251	JBO	10000 w	ai47
NOR-NRTA Oslo	12	l/-		7870	LN2A		hb31
S -NDB Göteborg	55	l,i/rp		405	"AV"		hb31
TUR-Bandirma Meteo	19	ppc,i/-		6965	YMB20		hb31
USA-MARS Jacksonville	227	ppc		14477	NNN0NI	2000 w	ai47
USA-Palo Alto R.	95	C	5th try	8444.5	KFS		ai47
USA-Palo Alto R.	2505	C/vc,rp		12844.5	KFS		zeTC
USA-Slidell R.	59	C/rp		6389	WNU		hb31
VRG-NDB Beef Island	60	L f/up	(hrd on GDL)	360	"BFI"	70 w	ai47

A D D R E S S E S :

Slidell Radio: Globe wireless, Coast Radio Station Network, Headquarters, One Meyn Road, Half Moon Bay, CA 94019, USA (hb31)
to hb31: Riga Rescue: Vladimir Sadokha, P.O.Box 183, Matisa-13, Riga, LV-1001 LATVIA (dp41)

An update address for DHJ59: Marinefernmeldegruppe 21, Fernmeldezentrale Block 20, z.Hd. Olt z.S. Gorath, Postfach 2033, D- 26379 Wilhelmshaven (ti47)

I N F O :

The report for RRS James Clark Ross was sent to Cambrigde, but reply from Falkland (hb31)

New German Navy Frigates:

The German Navy will set two new frigates class 123 on duty. One is the FGS SCHLESWIG-HOLSTEIN (c/s DRAI) and the other is FGS MECKLENBURG-VORPOMMERN (c/s DRAX). Addresses: c/o Bordfunkmeister, 4. Einfahrt, D- 26384

Wilhelmshaven. (ti47)

to mdG: DRHM is GNys WERRA (dp47)

Sylvaire on 8095 khz is SILVAIRE (a LDOC station in USA). They are on HF 8095 and 11470 khz. Address: Sylvaire Radio, 7126 NW 50th St., Miami, FL 33166

(phone: 305 599-9667 ,hi) (ed)

Talco? Maritime R. on 8297 khz could be Taupo Maritime Radio / NZL. Very nice catch! (ed)

ROD9: I believe it is Murmansk. (ed)

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to fd40: (cf. NL 5-95): DRHK is FGS Mosel - auxiliary-vessel, new class 404 (ti47)
to zeTC: (cf. NL 6-95): NDB PI on 424a is Pii (UKR) on 425 khz; NDB KI on 912 khz is Ivenets (RUS) on 910 khz; NSB ZD on 955 khz is Divin (BLR). (gdBE)
to nr76: (cf. NL 6-95): NDB R on 404 khz is RR/Rotterdam on 404.5 khz.(gdBE) (gdBE agrees that NDB AA on 397 khz is Aliabad/Tehran!)
NDB GRS on 329 is Oslo/Fornebu (Groensand) - NOR - ex 358 khz; NDB SN on 340 khz is Slettnes - NOR - ex 295 khz. (gdBE)

hb31 is looking for frequencies and transmitting times for stations KEJ and ZLA. (see last month qsl). Anyone?

We have to welcome a new member: rr38. Join it and have fun, Rainer!!! (I hope you got the NL now regulary, hi).

From the battlefield of money: Fee received from mdG. TNX!!

That's it for this time. Many thanks to the following contributors gdBE, mdG, pcG, hb31, ti47, zeTC. (ti47 + pcG: I have to keep some of your logs for NL 9-95)

Please sent in your logs, qsl's and informations for NL 9-95 until 20th sept.!

NEWSLETTER 9/95

+++++
Editor: Andreas Ibold, Mittelstr. 10, D- 47441 Moers, GERMANY
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(for Reinhard Klein-Arendt, Bachemer Str. 57, D- 50931 Cologne, GERMANY)
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Deadline: 20th of the month UTENL September 1995
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Hi ute buffs!
I hope you have had a great summertime! This is the last Newsletter produced in Moers. Many thanks to those who spend time, money and efforts for contributions and I hope you enjoyed the last four editions. This time huge stuff for NDB freaks! For the next NL please send in your logs, infos, qsl's etc. to the wellknown address of Rheinhard!!!

NON DIRECTIONAL BEACONS

258.5	2141	ORU	Orust	S	id	pbs
267	2353	FNO	Haugesund	NOR	id	nr78
275	2350	VG	Haugesund	NOR	id	nr78
277	2205	BRY	Bray-sur-Seine	F	id + dash	nr78
277	2208	GOL	Golyama	BUL	id + dash	nr78
277	0013	CHT	Chiltern	G	id	aiG+nr78
283	0010	SF	Torp	NOR	id	nr78
284	2318	FSB	Fassberg	D	id + dash	nr78
284.5	2152	DY	Dsseldorf	D	id	ti47
284.5	0023	PR	Porkkala	FNL	id + dash	nr76
285	2211	PT	Katowice-Pyruzowice	POL	id	nr78
286.5	2027	AL	Almagrundet Lt.	S	id + dash (ex 294.2)	pbs
290	2145	TR	Tirana-Rinas	ALB	id	nr78
290	1408	ST	Stevns-Klint Lt.	DNK	id + dash (ex 308)	pbs
290.5	2214	LL	Hall"	S	id + dash	nr78
291	1515	CF	Capo Ferro	I	id + dash	nrI
292	1828	FLD	Friedland	D	id	pbs
293	2040	CP	St. Catherine's Point Lt	G	id + dash	aiG
295	1241	KU	UNID	?	id	pbs

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295.5	2155	EM	Etampes-Mondesir	F	id + dash	nr78
298.5	1725	RR	unid (Round Isl./G -ed)	?	id	ti47
298.5	2220	SW	Skagen	DNK	id + dash	nr78
300	2327	SC	Saab and Malmen/Link"ping	S	id	pbs+nr78
301	0043	PV	unid	?	id + dash	nr76
301	2323	RTN	Ramorantin	F	id + dash	nr76
302	2333	ROM	Rodez/Marcilac	F	id + dash	nr76
303	1732	RTT	Rattenburg	AUT	id + dash	ti47
303	1840	FV	Falsterborev Lt.	S	id + dash (ex 289.6)	pbs
303.5	2138	AL	Mys Alevwa	RUS	id + dashes	ti47
304	0830	FE	Fehmarnbelt LV.	D	id + dash (ex 294.2)	pbs
305	1750	MY	unid	?	id	ti47
305	2240	KA	unid aero	?	id	nr78
306	1755	AL	unid	?	id + dash	ti47
306	2015	PAR	Parma cheese	I	id	nrI
306.5	1406	NA	Nakkehoved Lt.	DNK	id + dash (ex 294.2)	pbs
306.5	0050	RS	Ristna	EST	id + dash	nr76
307	1020	DIK	Diekirch	LUX	id	ti47
308	0152	RD	Roches Douvres	F	id + dash	nr76
310	1402	KI	Kiel Lt.	D	id + dash (ex 294.2)	pbs
310.5	1410	SG	Sjaellands Rev.	DNK	id + dash (ex 287.3)	pbs
311	0024	LMA	Lima	D	id	ti47+nr78
312.5	1824	PR	Porkkla Lt.	FIN	id	pbs
313	2219	AB	Absam	AUT	id	nr78
313.5	1650	CM	Cromer Lt.	G	id + dash	aiG
313.5	1843	S™	™lands S"dre Lt.	S	id + dash (ex308)	pbs
316	2234	PH	Eindhoven	HOL	id	ti47+nr78
316	2021	EPM	Epsom	G	id	aiG
317.5	1638	VS	Valenciennes	F	id	ti47
318	2156	LEC	Stavanger Consol	NOR	id	ti47
318	1639	LE	Luxembourg	LUX	id	ti47
318	0127	BE	Bordeaux/Merignac	F	id + dash	nr76
318	2124	LP	Ronneby	S	id	pbs
322	2250	OH	Karlstad	S	id	nr78
322	2110	GDA	Gdansk	POL	id	pbs
322	2325	KOR	Helsinki	FNL	id	nr76
322	1100	LCY	London City	G	id	aiG
323	2028	ONC	Charleroi	F	id + dot	ti47
324	2247	ML	Tirstrup	DNK	id	pbs+nr78
324	2324	ON	Norrk"ping/Kungsangen	S	id	pbs+nr78
325	0008	AVS	Asturias	E	id	nr76
326	2145	OMA	Omastrand/Bergen	NOR	id + dots	ti47
326	1218	L	Kristianstad	S	id	pbs
327	1917	Y	Sveg	S	id	pbs
327	2345	BO	Bolsena	I	id	nrI
328	2350	OLS	Paris-Orly	F	id	ti47+nr78
328	1547	BLK	Blackbushe	G	id	aiG
328	2333	WU	UNID	?	id (once all 3-4 s)	nr76
329	2201	VX	Vaxj"-Kronoberg	S	id	pbs
330	2345	SO	Eelde/Groningen	HOL	id	ti47+nr78
330	0142	OB	Bratislava-Ivanka	SVK	id	nr76
331	2314	NV	unid	?	id + dash	ti47
331	2251	TE	Thisted	DNK	id	pbs+nr78
332	2149	NC	UNID	?	id	pbs
332	1648	SNV	Amsterdam-Schiphol	HOL	id + dash	ti47
334	1606	FAU	Fauna	DNK	id	pbs
335	2157	AC	UNID	?	id	pbs
335	2330	SV	Skive	DNK	id	nr78
335	1340	WCO	Westcott	G	id	aiG
336	2028	RS	Roros	NOR	id	pbs
336	2138	LT	Halmstad	S	id	pbs
337	2157	MY	Myggenaes	FAR	id + dash	ti47
337a	cont	LHR	Lahr?	D?	id + dash	nr78
338	1345	GE	London/Gatwick	G	id	aiG
338	1056	OA	J"nk"ping	S	id	pbs
340	1651	ZL	Zuid Limburg	HOL	id	ti47
340	2153	N	Ronneby	S	id	pbs
341	1559	BO	Benson, RAF	G	id	aiG

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342	2155	SL	G"teborg	S	id		pbs
342	2321	OA	Alger	ALG	id + dash		nr76
342.5	2133	DH	Norwich	G	id		pbs
344	1615	HEK	Hekka	FIN	id		pbs
345	0405	BN	Birkeland	NOR	id		pbs
345	1958	WDT	woensdrecht	HOL	id		ti47
345	1615	LUT	Luton	G	id		aiG
346	2209	NAS	Tranas	S	id		pbs
346.5	0720	BMN	Bremen	D	id		pbs
348	0145	CL	Cahors/Lalbenque	F	id + dash		nr76
348	1533	FOS	Fairoaks	G	id		aiG
348	2213	WA	Stockholm	S	id		pbs
349	1047	JX	V,,xj"	S	id		pbs
350	2356	GLG	Glasgow	G	id		nr78
351	1242	NS	Malm"-Sturup	S	id		pbs
351	1306	OV	Visby	S	id		pbs
352	1757	RSD	unid	?	id		ti47
352	1610	WOD	woodley	G	id		aiG
354	2032	FIN	Finno	FNL	id		pbs+ti47
355	1927	BM	unid	?	id + dash		nr78
356	2033	RSY	Paris/Charles d. G.	F	id + dashes		ti47
356.5	2034	SM4	unid	?	id		ti47
357	0029	MA	Leipzig/Halle	D	id		nr76
359	1515	SAN	London/Stansted	G	id		aiG
359	1102	LK	Lidk"ping	S	id		pbs
360	2218	OS	G"teborg	S	id		pbs
360	1630	ELB	Elba	I	id		nrI
361	2233	LIE	Lieto	FNL	id		pbs
362	2223	NN	Eskilstuna	S	id		pbs
362	0532	S	UNID	?	id (once all 3 s)		nr76
362.5	1620	SND	Southend-on-Sea	G	id		aiG
363	0110	PI	Poitiers/Biard	F	id + dash (ex 378)		nr76
363	2225	OE	Kristinastad	S	id		pbs
363.5	2221	RSK	Romskog	NOR	id		pbs
363.5	1527	CT	Coventry	G	id		aiG
365	2158	LJ	K"ln	D	id		ti47
365	1522	GE	London/Gatwick	G	id		aiG
365.5	1034	BC	Brasschaat	BEL	id		ti47
366	1307	KM	Kalmar	S	id		pbs
366	1307	SF	Falk"ping	S	id		pbs
366	2349	UTH	Uthaug	N	id		nr76
368	1350	RK	Roskilde	DNK	id		pbs
369	1620	RCH	Rochester	G	id		aiG
369	1804	NL	Göteborg-Landfetter	S	id		pbs
370	2243	OHT	Stockholm	S	id		pbs
370	1818	DC	Oskarshamn	S	id		pbs
370.5	1210	LB	Žngelholm	S	id		pbs
371	1036	MYN	Mnster	D	id		ti47
373	1536	MP	Cherbourg/Maupertus	F	id + dash		aiG
374	1416	TU	Tirstrup	DNK	id		pbs
374.5	1038	SOG	Solling	D	id		ti47
375	2248	RB	™rebro	S	id		pbs
375	2030	CV	Calvi/St. Catherine	F	id + dash		nrI
376	1050	LN	Hultsfred, SAF	S	id		pbs
377	0838	MGB	M"nchengladbach	D	id + 2 dots		ti47
377	1815	OL	Lulea-Kallax, SAF	S	id		pbs
377	1812	GG	Stockholm-Arlanda	S	id		pbs
377	2210	KN	Norrk"ping	S	id		pbs
378	0028	TN	Toulouse/Blagnac	F	id + dash		nr76
380	1807	LF	Ronneby	S	id		pbs
381	2256	ESP	Espoo	FIN	id		pbs
382	0120	VLM	Vlasim	TCH	id		nr78
383	2258	ERK	Erken	S	id		pbs
385.5	0930	KIL	Kiel-Holtenau	D	id		pbs
386	1542	BZ	Brize Norton, RAF	G	id		aiG
387	0002	AV	Asturias	E	id		nr76
387.5	1546	ING	St. Inglevert	F	id + dash		aiG
388	2127	COR	Corner	S	id		pbs

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388.5	1039	CH	Amsterdam-Schiphol	HOL	id	ti47
389	2124	RK	Truku	FIN	id	pbs
389	1418	HY	Skive	DNK	id	pbs
389.5	0650	OE	London/Heathrow	G	id	aiG
390	1409	SS	Sk"vde	S	id	pbs
390	2212	LV	Arvika	S	id	pbs
391	2325	TGE	Teuge/Deele	HOL	id	ti47
391	2235	CC	Chalon/Champforgeuil	F	id + dash	nr76
391	2235	UK	UNID	?	id	nr76
392	1122	GDY	Mariehamn	FIN	id	pbs
393	1628	DEN	Dender	BEL	id	aiG
394	0915	NB	Stockholm-Bromma	S	id	pbs
395	2357	LAY	Islay	G	id	nr78
395	1625	HEN	Henton	G	id	aiG
397	1318	LYX	Lydd	G	id	aiG
397	0840	EHN	Eindhoven	HOL	id	ti47
397	1310	NF	Falk"ping	S	id	pbs
397.2	1845	DHE	Helgoland	D	id	pbs+ti47
398	1128	PEO	Peola	S	id	pbs
399	2151	FM	Trollh,,ttan	S	id	pbs
399.5	1846	ONO	Oostende	BEL	id	ti47
400	2132	EN	"lebr"	S	id	pbs
400.5	1130	MB	Emmaboda	S	id	pbs
402	2217	LX	Eskistuna	S	id	pbs
403	1135	OJ	J"nk"ping	S	id	pbs
403.5	1629	OX	Oxford	G	id	aiG
404	2222	NL	Nols"/Vagar	FAR	id + dots	ti47
404	2215	DA	Dalen	NOR	id	pbs
405	2137	AV	G"teborg/S,,ve	S	id	pbs
405	2320	TR	Zielona-Gora	POL	id	nr76
406	1453	PNG	UNID	S	id	pbs
406	2201	VY	Visby	S	id	pbs
406.5	0840	BOT	Bottrop	D	id	ti47
407	1145	BG	Bergen	NOR	id	pbs
408	0000	CHI	Chioggia	I	id	nr78
410	2220	ETN	Etain/Rouvres (tent)	F?	id + dash	nr76
415	2233	NDR	UNID	?	id (once all 3s S?)	nr76
415	0448	OL	UNID	?	id	pbs
417	0841	LI	Dsseldorf	D	id	ti47
417	1435	AH	UNID	?	id	pbs
420	1847	INN	Innsbruck	AUT	id	ti47
420	1400	HS	Halmstadt (?)	S	id	pbs
420	2315	TV?	UNID	I?	id + dash	nrI

Once all 30 sec., very bad keyed id, that might have been 'TV', not sure.
 very strong. Must be near Levanto/La Spezia; strange formate...

421	0036	FN	Roma-Fiumicino	I	id	nr76
421	1633	BUR	Burnham	G	id	aiG
422	0022	PAM	Palmlona	E	id	nr76
424.5	2231	GMH	unid (Germinghausen/D -ed)		id + 4 dash	ti47
429	1318	CLN	Clacton	G	id	aiG
432	2316	PK	UNID	?	id	nr76

nr78 is nr76 with QTH Feldberg/Black Forest; nrI is nr76 in La Spezia/I
 pbs is pb40 during holiday in Sweden (dear peter, please check your logs
 and note that frequencies had changed in April 1992. I put the ex-freqs
 in clamps).
 aiG is your ed during holiday in London.

M A R I T I M E

1611	2200	LGB	Rogaland R.	NOR	id, sitor-mkr	ti47
1755	2036	EAO	Palma R., Mallorca	E	nav. warning	ai47
1890	2153	PCG	Scheveningen R.	HOL	weather-report	ti47
1906	2154	FFM	Marseille R.	F	weather-report	ti47
1906	2217	LGB	Rogaland R.	NOR	id, sitor-mkr	ti47
1911	2221	7TB	Annaba R.	ALG	phonepatch	ti47

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2182	1937	IQX	Trieste R.	I	qsy to 2624	ti47
2182	0038		Stornoway CG	G	wkg Clyde CGR	nr76
2182	2239	LGN	Bergen R.	NOR	qsy for tfc	ti47
2361	2123		German civil ships	IWA	smalltalk, abt PCs	ti47
2357.5	2121	OUA	Ny Arhus	DNK	navy-broadcast D23A	ti47
2423.5	2213		unid	?	cont. sitor-mkr	ti47
2460	2124	YLQ	Riga R.	LVA	YLQ SCAN AUTO sitor	ti47
2510	2206	DHJ59	NY wilhelmshaven	D	RTTY 75 encr.	ti47
2600	2043	PCG	Scheveningen R.	HOL	wkg phone to HOL	ti47
2614	1914	DAN	Norddeich R.	D	northsea-wx	ti47
2625	2211	DRAR	FGS NIEDERSACHSEN	IWA	wkg DHJ59, ZBZ-NIL	ti47
2625	2224	UGC	St.Petersburg R.	RUS	sitor-id	ti47
2632	2220	IQH	Napoli R.	I	NAV-wrns in EE	ti47
2643	2046	SPS	Witowo R.	POL	id, sitor-mkr	ti47
2716	2049		unid	?	cont.sitor-mkr	ti47
2744	2231	8OP	NATO voice-ship/shore	IWA	wkg, tact.-tfc	ti47
2775	2120	DHS	Ruegen R.	D	tfc-1st, clg DRBQ	ti47
2806	2101	IGJ41	Ny Augusta	I	cq- vvv	ti47
2815	2102	IDR8	Ny Rome	I	cq- vvv	ti47
2848	2133	DAP	Norddeich R.	D	QRV for ships	ti47
3108	2119		German civil ships	IWA	smalltalk, Kairo	ti47
3132	1950		German civil ships	IWA	smalltalk, pilotaget	ti47
3181	2202		RUSNy in ?	?	CW channelmarker"P"	ti47
3195	2207		RUSNy in ?	?	CW channelmarker"C"	ti47
3197	2121		German civil ships	IWA	smalltalk	ti47
3208	2014		Dutch civil ships	IWA	smalltalk	ti47
3215	1937	LYL	Klaipeda R.	LTU	Nav-wrn in EE	ti47
3215	2332	UGC	St Petersburg R.	RUS	cw-id+sitor-mkr	ti47
3276.5;	1940	FFT	Saint Lys R.	F	cw-id+sitor-mkr	ti47
3282	2024		German civil ships	IWA	smalltalk, politic	ti47
3313	2008	PCH	Scheveningen R.	HOL	cw-de	ti47
3337.5	1921	GKB1	Portishead R.	G	cw-de	ti47
3495	2150		German civil ships	IWA	smalltlak, topics	ti47
3782	0354	CTP	Ny Oeiras	POR	cw-id "200-0800 de"	ti47
4236	2108	YLQ	Riga R	LAT	cw-mkr	pcG
4253	2241	TAH	Istanbul R.	TUR	cw-cq	ti47
4265	2242	DAM	Norddeich R.	D	cw-vvv	ti47
4275	2244	TBA	Ny Izmir	TUR	cw-vvv	ti47
4303	2245	OXZ	Lyngby R.	DNK	cw-cq	ti47
5063	1901	9MB	Ny Lumut	MLA	cw-vvv	ti47
5881	1625	RMP	Ny Kaliningrad	KAL	cw-wkg unid	ti47
6357	1644	SAA	Karlskrona R.	S	cw-vvv	ti47
6379	1646	4XZ	Ny Haifa	ISR	cw-vvv	ti47
6382	1647	TBA	Ny Izmir	TUR	cw-vvv	ti47
6395	0857	TBA	Ny Izmir	TUR	cw-vvv	ti47
6415	0859	7TF4	Boufarik R.	ALG	cw-cq	ti47
6425	1649	UGC	St.Petersburg R.	RUS	cw-de	ti47
7483	1411	GKE	Portishead R.	G	cw-id+sitor-mkr	ti47
7586	2021	FFL	Saint Lys R.	F	cw-cq	ti47
7746	1417	EAD	Madrid R.	E	cw-de	ti47
8151	0842	IGJ44	Ny Augusta	I	cw-vvv	ti47
8294	1113		Galas R. ???	?	wkg ship,RUS/UKR?	nr78
8294	2303		Jacksonville R.	USA	wkg unid ship	nr76
8297	0627	AAFA	USAV James A. Loux	IWA	clg AAC2	ai47
8448	2041	A9M	Bahrain R.	BHR	cw-cq	ti47
8470	0115	XFL	Mazatlan R.	MEX	cw-cq	nr76
8474	1056	JYO	Aqaba R.	JOR	cw-cq	ti47
8478	2043	OST	Oostende R.	BEL	cw-vvv	ti47
8493	1537	TBA	Ny Izmir	TUR	cw-vvv "T13A"	ti47
8515	1540	5AT	Tripoli R.	LBY	cw-vvv cq	ti47
8532	2046	LZW	Varna R.	BUL	cw-de lzw	ti47
8541	1542	LYL	Klaipeda R.	LTU	cw-vvv	ti47
8551.5	2047	CTP	Ny Oeiras	POR	cw-de ctp	ti47
8557	1544	SPE	Szczecin R.	POL	cw-de spe	ti47
8610	1547	UCT	Arkhangelsk R.	RUS	cw-vvv	ti47
8623	1554	5BA	Cyprus R.	CYP	cw-vvv	ti47
12687	1139	OFJ	Helsinki R.	FNL	cw-OFJ qsx...	ti47
12856	1536	XSG	Shanghai R.	CHN	cw-cq	ti47

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16034	1025	4XZ	Ny Haifa	ISR	cw-vvv	ti47
16534	2103	KVR451	Windjammer Barefoot HQ	USA	wkg unid S/V	ai47
16534	2113	HQNT	S/V Flying Cloud	IWA	wkg KVR451	ai47
16933	1121	WCC	Chatham R.	USA	cw-vvv	ti47
16935	1122	A7D	Doha R.	QAT	cw-de a7d	ti47
16948	1123	VCS	Halifax Coast R.	CAN	cw-vvv	ti47
17050	1424	4XZ	Ny Haifa	ISR	cw-vvv	ti47
17064.8	1126	EDZ6	Madrid R.	E	cw-de edz6	ti47
17135	1132	UTQ	Kiev R.	UKR	cw-cq	ti47
17170.5	1135	CNP	Casablanca R.	MRC	cw-cq	ti47
17194.5	1139	PPR	Rio de Janeiro R.	B	cw-vvv	ti47
17232.9	1454	9VG	Singapore R.	SNG	cw-cq	ti47
22446	1118	EDZ6	Madrid R.	E	cw-de edz6	ti47
22575.2	0740	PKX	Jakarta R.	INS	cw-cq	ti47

A E R O N A U T I C A L

3013	2259		LDOC Saudia, Jeddah	ARS	wkg SAUDIA 740	nr76
5637	1656		Mytilini Aero	GRC	wkg Athens	nr76
5637	1631		Samos Aero	GRC	wkg Athens	nr76
5680	1500		Sweden Air Rescue	S	wkg KBV583	ai47
5680	1507		Stavanger Rescue	NOR	r/c Longyear Info	ai47
5680	0723		Sweden Air Rescue	S	wkg Y-67	ai47
5680	1145		Karup Rescue	DNK	wkg Rescue 481, QSYai	ai47
5680	0723	Y-67	Res. Heli Gothenburg	AIR	wkg Sweden Air Res	ai47
5687	1832	DH023	GAF Landsberg	D	r/c w NI81 -> HELP	ai47

F I X E D B A N D S

3314	2150	HEP	INTERPOL Zürich	SUI	CW vvv mkr	ti47
3832.5	2006	FDE13	FAF Villacoublay	F	CW vvv mkr	ti47
3833	2134	FDC	FAF Metz	F	cw vvv mkr	ti47
5078.5	1955	DHJ47	unid, GAF? GAR?	D	USB wkg 1BU, tact.	ti47
5301	1858	OLX	MOI Prague	CZR	cw vvv mkr	ti47
5342	0700	FDY	Orleans FAF	F	cw mkr	pcG
5342	2310	FDY	FAF Orleans	F	cw vvv mkr	ti47
5351	2028	FDI	FAF Aix	F	cw vvv mkr	ti47
5445.5	2054	FDE	FAF Villacoublay	F	cw vvv mkr	ti47
5446.5	2129	FDC	FAF Metz	F	cw vvv mkr	ti47
5471	0829	LN2A	PTT Oslo	NOR	cw wkg, id+phasing	ti47
5748	2028	FDI	FAF Aix-les-Milles	F	cw vvv mkr	ti47
5804.5	2313	FDC	FAF Metz	F	cw vvv mkr	ti47
6729	0217	'Vespa'	unid	?	wkg GNY Ship	nr76
6779	1031	DRAN	FGS AUGSBURG	IWA	wkg DHJ59, msgs	ti47
6779	1039	DRHJ	FGS ELBE	IWA	wkg DHJ59, msgs	ti47
6779	1239	DRHO	FGS DONAU	IWA	clg DHJ59, QSY 10	ti47
6779	1742	DRAO	FGS LUEBECK	IWA	wkg DHJ59, ?QSL K	ti47
6779	2049	DRAF	FGS ROMMEL	IWA	wkg DHJ59, split.	ti47
6779	2131	DRAU	FGS KOELN	IWA	wkg DHJ59, qsl gru	ti47
6844.5	2316	FDC	FAF Metz	F	cw vvv mkr	ti47
6859.5	1627	FDC	FAF Metz	F	cw vvv mkr	ti47
6966	1944	FDY	FAF Orleans	F	cw vvv mkr	ti47
6869.5	0730	FDC	FAF Metz	F	cw mkr	pcG
6871	1913	HEP	INTERPOL Zurich	SUI	cw vvv mkr	ti47
6873.5	0652	ICS	Ny La Spezia	I	wkg IHFD, msgs	ai47
7472.5	0745	FDC	FAF Metz	F	cw mkr	ti47+pcG
7850	0028	8PZ	Army Barbados	BRB	wkg GVUK	nr76
7850	0038	J8B	Police HQ Kingstown	VCT	r/check J8CM	nr76
8094.5	1421	FDC	FAF Metz	F	cw vvv mkr	ti47
8142	1530	OLX	Prague	CZE	cw vvv mkr	pcG
8151	1545	IGJ44	Ny Augusta	I	cw vvv mkr	pcG
8335.5	1211	DRAG	FGS ROMMEL	IWA	wkg DHJ59, msgs	ti47
8335.5	1225	DRHO	FGS DONAU	IWA	wkg DHJ59, ZBO 2R	ti47
8335.5	1429	DRKF	FGS NIENBURG	IWA	wkg DHJ59, ZBO 2P	ti47
8335.5	1717	DHJ59	Ny wilhelmshaven	D	wkg DRDM, FGS U-19	ti47

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8335.5	2034	DRAO	FGS LUEBECK	IWA	wkg DHJ59, msgs	ti47
10144	1910	DK0WCY	DARC Suederbrarup	D	cw wkg id	ti47
10180	1932	TRP	Gamba Radio	GAB	cw-vvv	ai47+ti47
10192.5	1036	DRAF	FGS MOELDERS	IWA	wkg DHJ59, qsy12?	ti47
10192.5	1426	DRKF	FGS NIENBURG	IWA	wkg DHJ59, qsy 8?	ti47
10192.5	1818	DRHM	FGS WERRA	IWA	wkg DHJ59, msgs	ti47
10192.5	2020	DRAS	FGS RHEINLAND-PFALZ	IWA	wkg DHJ59, msgs	ti47
10192.5	2038	DREC	FGS DUEREN	IWA	wkg DHJ59, msgs	ti47
10192.5	2252	DHJ59	Ny wilhelmshaven	D	clg DRHM for tfc	ti47
10192.5	0948	DRAI	GNys SCHLESWIG-HOLSTEIN	IWA	wkg DHJ59	ai47
12178	1039	DRAF	FGS MOELDERS	IWA	clg DHJ59, no resp.	ti47
12415.5	2005	DRAF	FGS MOELDERS	IWA	wkg DHJ59, msgs	qruti47
12415.5	2100	DRHO	FGS DONAU	IWA	wkg DHJ59, msgs	qruti47
12415.5	1730	DRHM	FGS WERRA	IWA	wkg DHJ59, msgs	qruti47
14383.5	2024	NNN0BMV	MARS UNID (HELP,pse)	USA	wkg NNN0CBF	ai47
14391.5	2114	NNN0NZN	USS Mount Vernon	IWA	wkg NNN0KRQ	ai47
14391.5	1940	NNN0COA	USS Arleigh Burke	IWA	wkg NNN0KBD	ai47
14391.5	1953	NNN0KBD	MARS williamstown,VT	USA	wkg NNN0CMU	ai47
14391.5	2039	NNN0CEK	USS wasp	IWA	wkg NNN0ZTI	ai47
14402	2038	AAR3USF	MARS Ft. Eustis,VA	USA	wkg AAT3USP ->HELP	ai47
14402	1903	AAV3USG	USAV Sp4 James A. Loux?	IWA	wkg AAR3CB	ai47
14402	1903	AAR3CB	MARS Shohola, PA	USA	wkg AAV3USG->#Egyptai47	ai47
14470	2139	NNN0CFP	USS Anzio	IWA	wkg NNN0ZTI	ai47
14477	2131	NNN0CNB	USS Juneau	IWA	wkg NNN0KRQ	ai47
14477	2046	NNN0SYN	MARS UNID (HELP,pse)	USA	wkg NNN0CRZ	ai47

D I G I T A L

2460	2111	YLQ	Riga R.	LAT	SITOR/A tlx/cw mkr	pcG
2789	2119	FUE	Brest FN	F	ITA2/75/850 de fue	pcG
3488.7	2200	?	?	?	PAC. unid french	pcG
4218.5	2100	YLQ	Riga R	LAT	SITOR/A tlx/cw mkr	pcG
4874	1500	MKK	London DCN	G	PICC/6 "muh de mkk"	pcG
4900	0730	OMZ	Prague Diplo	CZE	ITA2/100/400 news	pcG
5023.5	1400	GNVHF	Bonn	D	ARQE/72/85crypt tfc	pcG
5397.7	2055	RFFP	Paris	F	ARQ342/200/400/2ch	pcG
5455.5	0655	?	?	?	PICC/12 s/ch crypto	pcG
5946	1502	SNN299	warsaw Diplo	POL	POL-ARQ pol msg	pcG
6984	1330	SNN299	warsaw Diplo	POL	POL-ARQ 5lgs	pcG
6981.7	0910	SAM	Stockholm Diplo	S	SWE-ARQ/100/400	pcG
7524	2112	TYE	Cotonou ASECNA	BEN	ARQ342/96/400/2ch	pcG
7606.7	0755	RFFA	Paris	F	ARQE/192/400	pcG
7662.5	0800	FDY	Orleans FAF	F	ITA2/50/400	pcG
7727.5	0805	FDY	Orleans FAF	F	ITA2/50/400	pcG
7896.7	0810	RFLI	Fort de France	MRT	ARQE3/96/400	pcG
7916	1720	D	Bonn? DPA?	D	FEC100/96/400 gg nx	pcG
7945.9	2110	RFVI	Le Port	REU	ARQE/96/400 "ITT"	pcG
7960	0813	OMZ	Prague Diplo	CZE	ITA2/100/400 cz? nx	pcG
8020	1600	HMF85	Pyongyang KCNA	KOR	ITA2/50/400 ee nx	pcG
8035.5	0720	MKK	London DCN	G	PICC/6 2ch	pcG
8156	1000	SNN	warsaw Diplo	POL	POL-ARQ/100 Pol msg	pcG
8417.5	1856	UUI	Odessa R.	UKR	SITOR/A wkg utwy	pcG
9174.5	0930	HBD20	Berne Diplo	SUI	SITOR/A gg msg	pcG
9179	0800	?	Oslo? Diplo	NOR?	SITOR/A 5lgs + off	pcG
9198	0955	SNN	warsaw Diplo	POL	POL-ARQ/100 pol	pcG
10917.7	1605	RFTJ	Cap Vert (Dakar)	SEN	ARQE3/48/400 "TJF"	pcG
11025	0850	RFFX	Paris	F	ARQE/72/400 5lgs	pcG
11080	1730		Damascus SANA	SYR	ITA2/50/400 ee nx	pcG
11430	2150	HMF52	Pyongyang KCNA	KOR	ITA2/50/400 ee nx	pcG
12671.5	2100	YLQ	Riga R.	LAT	SITOR/A tlx/cw mkr	pcG
14429	2000	?	?	?	SITOR/A "vqqk"	pcG
16868	1645	9VG	Singapore R.	SNG	SITOR/A tlx/cw mkr	pcG
18275	1400	?	?	?	ARQE/288/170 crypto	pcG
18319	1414	OMS	Bratislava Diplo	SVK	ITA2/100/400 slo nx	pcG
18461.6	1430	PCW1	The Hague Diplo	HOL	SITOR/A sitor/cw mk	pcG
18525.5	1555	MKD	Cyprus DCN	CYP	PICC/6 "de mkd"	pcG
18597.5	0830	EAE	Madrid Diplo	E	SITOR/A ss msg	pcG

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18872	1018	BZR68	Beijing XINHUA	CHN	ITA2/75/400	gra mkr	pcG
19724.5	0655	UIW	Kalinigrad R.	RUS	ITA2/50/170	ry	pcG
19734.5	0830	UGC	St. Petersburg R.	RUS	SITOR/A	wkg uvxp	pcG
19860	0859	MTO	Ny Rosyth	G	ITA2/75/850		pcG
19892.5	1500	GYU	Gibraltar DCN	GIB	PICC/6	"muh de gyu"	pcG
20690	1000	?	?	?	ITA2/75/400	5lgs	pcG
20918.5	1200	MKD	Cyprus DCN	CYP	PICC/6	gep de mkd	pcG

M Y S T E R I O U S

2270	2215		Spy-network (X02)	ISR	AM MOSSAD, msg 5l	gti47	
2686	2229	R5JT	unid, tactical	?	CW "QTC1 AR"		ti47
2733	2136	FCQR	unid, tactical	?	CW msg 5nrgr		ti47
2878	2107	VZ8P	unid, tactical	?	CW msg 5nrgr		ti47
3067	2018	VIHJ	unid, tactical	?	CW wkg B7TH		ti47
3243	1929		unid, tactical	?	CW "gammel"-groups		ti47
3298	2149	MZNX	unid, tactical	?	CW wkg IZCB		ti47
3304	2211	DH50	unid, tactical	?	CW wkg msg 5l	trgr	ti47
3449	2120		unid	?	CW cont.: OK=WELBU		ti47
3485	2056	MMHR	unid, tactical	?	CW wkg 5nrgr-msg		ti47
3824	2214		Spy-network (O01)	?	USB wkg msg 5nrgr		ti47
3839	2034	7C8M	unid, tactical	?	CW wkg IONP		ti47
3840	2336		Spy-network (X12)	ISR	AM msg, 5l	trgr	ti47
3894	2012	JKDU	unid, tactical	?	CW clg VZJU		ti47
3910	1945		Spy-network (R02)	?	AM wkg		ti47
3914	2034	SZJR	unid, tactical	?	CW msg to SZCH		ti47
3932	2107	B7TH	unid, tactical	?	CW clg P5XG		ti47
3932	2037	IONP	unid, tactical	?	CW wkg XTU5, 5nrgr		ti47
3932	2016	4Y5K	unid, tactical	?	CW msg, 5nrgr		ti47
3936	2047		unid, tactical	?	CW "gammel"-groups		ti47
4059	2119	HGM2	unid, tactical	?	CW wkg unid sta.,		ti47
4130	2103		Spy-network (NA01)	?	USB MAY SUSAN ADAM"		ti47
4473	2049		unid, exercise-net	?	CW msg "gr12=drill"		ti47
4560	2340		Spy-network (X19)	ISR	AM msg, 5l	trgr	ti47
4574	0405		Spy-network (M01)	?	AM ENIGMA's NNN,		ti47
4602	2137	B5N	unid, tactical	?	CW wkg, clg MPTW		ti47
4619	2204		unid, tactical net	?	CW wkg, 5nrgr		ti47
4626	2159		unid	?	CW cont 0158 ,RUS		ti47
4644	2102		Spy-network (M02)	?	AM 5 min N in CW,		ti47
4857	2054		unid, tactical	?	CW wkg 5l	trgr	ti47
4874	2055		unid, tactical	?	CW msg 5l	trgr	ti47
4880	1812		Spy-network (X22)	ISR	AM msg 5l	trgr	ti47
4905	2005		unid, tactical net	?	CW wkg, msg 5nrgr		ti47
5033	2008	w56w	unid, tactical net	?	CW "9CN5 DE w56K K"		ti47
5081	2058		unid, tactical	?	CW wkg 5l	trgr	ti47
5091	1812		Spy-network (X25)	ISR	msg, 5l	trgr	ti47
5108	1816	IONP	unid, tactical	?	CW wkg 7C8M, "QSL"		ti47
5134	1817		unid, tactical	?	CW "gammel"groups		ti47
5153	1929		Spy-network (E04)	USA	AM msg 5nrgr		ti47
5181	2048		Spy-network (AG02)	?	AM msg 5nrgr		ti47
5203	2024		unid	?	CW handkeyed 5l	trg	ti47
5371	2111		Spy-network (E05)	USA	AM msg 5nrgr		ti47
5422	1923		Spy-network (LP02)	CYP	USB Licolnshir Poacher		7
5431	2003	OS	unid	?	USB status-report		ti47
5434	2031	LI00	unid, tactical	?	CW wkg pse llsspdf		ti47
5779	1922		unid, tactical	?	CW msg 5l	trgr	ti47
5807	1924	A2A	unid, tactical	?	CW clg QRA DE A2A		Kti47
5820	1909		Spy-network (X33)	ISR	AM msg 5l	trgr,	ti47
5830	0830		unid	?	CW cont.: "T15/56"		ti47
5835	1802		Spy-network (NA03)	?	USB "QUEEN ROBERT."		ti47
5859	0849	OWG	unid, tactical net	?	CW msg to FOP4		ti47
6485	1924	CYP	Spy-network (LP04)	CYP	USB msg 5nrgr		ti47
6607	0808	3QQ	unid, no tactical	?	CW wkg, cq-call	tapeti47	
6664	2144	FCOM	unid, no tactical	F?	CW wkg, cq-call	tapeti47	
6763	1928	A2A	unid, tactical	?	CW clg QRA DE A2A		Kti47
6846	1911	Q40J	unid, tactical	?	CW clg 9LHR		ti47

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6868	0926	unid	?	CW wkg cont. 87517	ti47
6959	evenings	Spy-network (LP05)	G	USB msg for 64793	ti47
6970	1807	Spy-network (E14)	USA	AM wkg "908 123456	ti47
7337	evenings	Spy-network (LP06)	G	USB msg 5nrgr	ti47
7605	2016	Spy-network (X44)	ISR	AM wkg "MIW2"	ti47
7668	2155 8BY	unid	?	CW vvv mkr pcG+	ti47
7858	0732	Spy-network (B22) BND	D	USB wkg "GI,365-59"	ti47
7894	2048	Spy-network (EM01)	?	AM msg 5nrgr (RUS?)	ti47
7918	1419	Spy-network (X48)	ISR	AM wkg msg, 5ltrgr	ti47
8120	2032	Spy-network (EM02)	?	AM wkg 5nrgr, RUS?	ti47
8143	1808	Spy-network (E23)	USA	AM wkg "908 12345"	ti47
8464	2212	Spy-network (LP08)	CYP	USB msg, 5nrgr	ti47
8488	1204	Spy-network (O10)	?	USB msg, 5nrgr	ti47
9251	evenings	Spy-network (LP09)	G	USB msg for 46421	ti47
9267	2206	Spy-network (EM03)	?	AM msg 5nrgr	ti47
9320	0410	Spy-network (T06)	CZR	USB msg 5nrgr	ti47
10426	aft./even	Spy-network (LP11)	G	USB msg for 30253	ti47
10716	1437	Spy-network (E34)	USA	AM msg, 5nrgr	ti47
10844	1434	unid	?	CW cont."084 084 084	ti47
10970	1815	Spy-network (X58)	ISR	AM wkg clg "MIW2"	ti47
11072	0747	Spy-network (E37)	USA	AM msg, 5nrgr	ti47
11510	2032	Spy-network (Z13)	?	AM 5nrgr,vy slow	ti47
11545	aft./even	Spy-network (LP12)	G	USB	ti47
12221	1446	Spy-network (E39)	USA	AM msg, 5nrgr	ti47
12603	aft./even	Spy-network (LP13)	G	USB	ti47
12747	0812	Spy-network (X61)	ISR	AM clg "MIW2"	ti47
13533	1209	Spy-network (X63)	ISR	AM msg, 5ltrgr	ti47
14487	afternoon	Spy-network (LP15)	G	USB msg for 45694	ti47
15682	afternoon	Spy-network (LP16)	G	USB msg for 45694	ti47
15980	1210	Spy-network (X67)	ISR	USB msg, 5ltrgr	ti47
16084	afternoon	Spy-network (LP17)	G	USB wkg 45694	ti47
17410	1111	Spy-network (X69)	ISR	AM msg, 5ltrgr	ti47
18000	1104	Spy-network (NA06)	?	USB "PETER EDWARD."	ti47
19715	1112	Spy-network (X72)	ISR	AM msg, 5ltrgr	ti47

T I M E S I G N A L S T A T I O N S

5000	2306	ZUO	NPL Pretoria	AFS	CW wkg id + ts	ti47
9996	2210	RWM	TS Moscow	RUS	CW wkg id + ts	ti47

FRENCH DOMESTIC(MILITARY) AUGUST/SEPTEMBER 1995
ARQE/72/400 UNLESS STATED OTHERWISE

FREQ	CID	RID	DATES	REMARKS
3606	-	-	NIGHTLY	ARQE/192/170 night freq EHQ/EHR?
3862.5	-	-	3-11/9	Cont idle - nil tfc
5454.5	UAF	UFA	6/9	Ex. ACTIONEX "RFFEDFA de RFFEDCS"
5455	-	-	11/9	Cont idle - nil tfc - off by 1030
5769	UFA	UAF	6/9	Ex. ACTIONEX "RFFEDCS de RFFEDFA"
5732.5	-	-	12-16/9	Cont. idle - back on again
5862.5	-	-	12-16/9	Cont. idle - back on again
6976	EHQ	EHR	DAILY	ARQE/192/170 - Ajaccio-Marseille - idle
7614	EHR	EHQ	DAILY	ARQE/192.170 - Marseille-Ajaccio - idle
7732.5	-	-	9-11/9	Cont idle - nil tfc

MEMORY LANE LOGS 1965

6980	1856	VKS3	Doonside NSW AOTC	AUS	CW qra mkr with /VKS4-7960	pcG
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13640	1817	WKB43	N.Orleans TRTC	USA	CW	Usual dot/qra mkr	pcG
13998	1235	XVX13B	Saigon PTT	VTN	CW	clg ODS90..nw tfc..	pcG
14745	1128	OCB39	Lima PTT	PRU	CW	mkr with /OCB59	pcG
14747.5	1132	YKY32	Damascus PTT	LBN	USB	test EE/AA wks Moscow	pcG
18170	1915	ACA	Panama C.Z US army	PNZ	USB	US army - voice test	pcG
19110	1815	CUA 56	Lisbon CPRM	POR	CW	v mkr-wks NY/S.America	pcG
19555	1610	ETS56	Addis Ababa ETC	ETH	USB	test mkr EE/AA	pcG
19715	1832	CJN8	Montreal COTC	CAN	USB	Test trans to Rio	pcG
20715	1625	50U99	Lagos NTC	NIG	USB	voice test mkr EE	pcG

Q S L - R E V I E W

AIR-Res. Heli Gothenburg	14	ppc	5680	Y-67		ai47
D -GAF Landsberg	22	ppc	5687	DHO23	1000 w	ai47
G -NDB Benson, RAF	7	ppc,2vc	341	"BO"		aiG
G -NDB Chiltern	6	ppc,fo	277	"CHT"	18 w	aiG
G -NDB Clacton	6	ppc	429	"CLN"	21 w	aiG
G -NDB Epsom	6	ppc	316	"EPM"	20 w	aiG
G -NDB Henton	6	ppc	395	"HEN"	16 w	aiG
G -NDB London/Gatwick	8	ppc	338	"GE"	100 w	aiG
G -NDB London/Gatwick	8	ppc	365	"GY"	100 w	aiG
G -NDB London/Heathrow	6	ppc	389.5	"OE"	15 w	aiG
G -NDB Oxford	7	ppc	403.5	"OX"	60 w	aiG
G -NDB St. Catherine's P.	7	ppc,info	293	"CP"		aiG
IWA-GNys Alster	59	ppc	6779	DRHF	1500 w	ai47
IWA-GNys Rheinland-Pfalz	20	ppc	6779	DRAS	1000 w	ai47
IWA-GNys Schleswig-Holstein	25	ppc,l,info	10192.5	DRAI	1000 w	ai47
IWA-GNys Tübingen	23	ppc	3116	DREJ		ai47
IWA-GNys U-29	62	ppc	6779	DRDW	100 w	ai47
IWA-HMS Herald	30	ppc,card,sti	8240	GQIM	500 w	ai47
IWA-USS Anzio	35	ppc,fo,info,st	14470	NNN0CF	500 w	ai47
MLA-NDB Langkawi	155	ppc (hrd on MLA)	344	'LK'	100 w	ai47
NOR-Stavanger Rescue	14	ppc	5680		1500 w	ai47
S -Sweden Air Rescue	37	ppc,sti	5680		1000 w	ai47
USA-USCG New Orleans	95	nice card,inf	8764	NMG	10000 w	ai47
USA-Windjammer Barefoot Cr.	10	ppc,letter,inf	16534	KVR451	300 w	ai47
VTN-Danang R.	25	ppc,vc f/up(MLA)	8570	XVT	1000 w	ai47
VTN-Nhatrang R.	152	ppc,vc (on MLA)	8694	XVN3		ai47

ANYONE ELSE GETTING QSL'S ?! (ed)

A D D R E S S E S :

DHO23: Flugbetriebsstaffel LTG 61, Fernmeldeleiter, D- 86926 Penzing (ed)
XVT: Danang Radio Coast Station, 24 Bach Dang, Danang, Vietnam (ed)

I N F O:

to all:
I have received an answer cf. hb31 request for transmitting times and freqs for Kahalelani Radio / KEJ (Hawaii) from rb64:
Frequencies: 4213.5, 6326, 8431, 12611.5 16842.5 khz every hour +15 minutes!
The station ZLA is not on air at the moment. (mny tnx!)

USS Canopus (NNN 0 CBV) is decommissioned. The callsign is now used by USS KEARSARGE -LHD3. (ed)

AAC2 (see maritime Log on 8297 khz) is the Harbourmaster Ft. Eustis. (ed)

to pcG: Yes dear Peter, disk is much more easier, tnx!

to ti47: No reaction concerning your request in UTNL 6-95.

REQUESTS:

UTNL1995

I'm looking for addresses from NDB's LCY-London City, FOS-Fairoaks, RCH -Rochester and an unid RDL on 333(?) khz.
pbS is looking for address from NDB's NF-Falk"ping, OHT-Stockholm, GG -Stockholm, SS-Sk"vde, BG-Berga and LF-Ronneby.

The MONEY: fee received from pcG. TNX!

Many thanks to the contributors: ti47 (tnx fr yr card), pcG, nr76 and pb40.

Regards de

NEWSLETTER 10/95

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Konto Nr.: Kreissparkasse Koeln 1000131062 BLZ 37050299

Deadline: 20th of the month

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Hi folks. I am back from Africa since one and a half months now and still trying to find my way back into normal work. Since Andreas did a very nice job during my absence I am not sure whether I am already able to compete with him. I am still a bit rusty. However we have to thank Andreas for his able work - with his help and the help of the contributors who supported him, we keep up the tradition of never having omitted any NL edition since 10 years now.

NON DIRECTIONAL BEACONS

284.5	0555	DY	NDB Duesseldorf	D id	ti47
292	1343	FLD	NDB Friedland	D id	ti17
300.5	0558	LW	NDB Cologne	D id	ti47
303.5	1346	FV	NDB Falsterborev Lt.	S 2x id + long dash	ti17
303.5	1347	GR	NDB Gedser Lt.	DNK 2x id + dash 1.5 sec.	ti17
311	2244	LMA	NDB Lima	D id + dash	ti47
312	1348	WU	unid	??? id	ti17
316	0559	PH	NDB Eindhoven RNAF	HOL id	ti47
329	1354	HC	unid	??? id	ti17
334	1944	VI	Verhneye Visotskoye	UKR id	zeTC
334	1945	MR	Maribor	SVN id+dash	zeTC
336.5	0603	NIK	NDB Nicky	BEL id + 8 sec. dash	ti47
337	1951	LHR	Lahr	D id+dash ex 450	zeTC
343	2046	KUS	Kaunas/Karmelava	LTU id	zeTC
347	1954	BT	Unid	? id 8 ids per min	zeTC
357	1458	NRG	NDB Neubrandenburg	D id + 2x dash	ti17
357	2056	MA	Leipzig-Halle	D id	zeTC
357	2058	NGR	Neubrandenburg	D id+dash	zeTC
360	2058	OS	Gothenburg/Saeve	S id	zeTC
364	0607	LJ	NDB Cologne	D id	ti47
366	1359	MB	NDB Lolland/Maribo	DNK id	ti17
366.5	2008	BER	Berne/Belp	SUI id	zeTC
368	2110	RK	Copenhagen/Roskilde	DNK id	zeTC
370.5	2112	LB	Aengelholm	S id	zeTC
375	1437	CHO	NDB Chociwel	POL id	ti17
377	0608	MGB	NDB Moenchengladbach	D id + 2x dash	ti47
383	1403	LAG	NDB Rostock-Laage	D id + 2x dash	ti17
385.5	2130	KIL	Kiel/Holtenau	D id+dash	zeTC
389	2138	HY	Skive	DNK id	zeTC
390	2133	AVI	Aviano	I id	zeTC
390	2140	FLR	Floresti	ROU id	zeTC
392.5	1940	TOP	Turin/Caselle	I id	zeTC
400	1952	MSW	Munich	D id	zeTC
405	1957	GRW	Grafenwoehr	D id	zeTC
405	2000	AV	Gothenburg/Saeve	S id	zeTC

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406	0610	BOT	NDB Bottrop	D id	ti47
408	1805	FNE	unid	??? id + dash	ti17
409	2038	SG	Satenaes	S id	zeTC
412	2040	R	Caransebes	ROU id	zeTC
417	0612	LI	NDB Duesseldorf	D id	ti47
421	2207	HS	Halmstad	S id	zeTC
430	2038	GBL	Giebelstad	D id	zeTC
467	2056	VTN	Unid	? id 6 ids per min	zeTC
490	1940	KO	Koshan	UKR id	zeTC
615	1908	OM	Gorm/DAB-DUC	IWA id+dash	zeTC
704	1620	HCh	Hradec Kr lov-Plachta	CZE id(oldies UNID/military)	zeTC
718	1924	SL	Soloveyevka	UKR id	zeTC
770	1538	LR	Krakov/Balice	POL id	zeTC
822	1540	DR	Dobransy-Stankov/nr Plzen	CZE id	zeTC

M A R I T I M E

1704	2142	OXZ	Lyngby Radio	DNK USB, wkg NAV-WRNGs//1758	ti47
1890	2146	PCG	Scheveningen Radio	HOL USB, wkg northsea-wx	ti47
2182	2144		Brixham Coastguard	G wkg Falmouth CG,radiocheck	fd40
2326	2153		German civil ships	IWA USB, smalltlak (politics)	ti47
2680	0026	4XZ	ISR Ny Haifa	ISR CW, wkg id "vvv vvv vvv"	ti47
2754	2118	GF	unid vessel	IWA USB, clg COASTAL CONTR.	ti47
2806	2211	IGJ41	I.Ny Augusta	I CW, wkg id "vvv vvv vvv"	ti47
2829.5	0752	SPB	Szczecin Radio	POL CW, wkg SITOR-id	ti17
3008	2112		German civil ships	IWA USB, wkg, smalltalk	ti47
3105	1934		German civil ships	IWS USB, wkg smalltalk, TV	ti17
3108	0507		German civil ships	IWA USB, smalltalk	ti47
3215	1905	LYK	Klaipeda Radio	LTU USB, wkg fon to sea	ti47
3358	2228	TBH3	TUR Ny Golcuk	TUR CW, wkg id "vvv vvv vvv"	ti47
3792	2145	FFM	Marseille Radio	F USB, wkg, Nav-Warnings	ti47
4154.5	0843	DHJ59	GNy wilhelmshaven	D USB, wkg DREK FGS MINDEN	ti47
4154.5	2153	DRAR	FGS NIEDERSACHSEN	IWA USB, wkg DHJ59, MSGs, QSL	ti47
4227	2133	SXA	HNY Spata Attikis	GRC CW, wkg id "vvv vvv vvv"	ti47
4236	0729	YLQ	Riga Radio	LVA CW, wkg id "cq cq cq de"	ti17
4241.5	0013	4XZ	ISR Ny Haifa	ISR CW, wkg id "vvv vvv vvv"	ti47
4241.5	0733	LGW	Rogaland Radio	NOR CW, wkg id "cq cq cq de"	ti17
4250	0734	PCH20	Scheveningen Radio	HOL CW, wkg id "de pch20 qsx"	ti17
4253.5	2136	HZG	Dammam Radio	ARS CW, wkg id "vvv vvv vvv"	ti47
4271	0735	OFJ	Helsinki Radio	FNL CW, wkg id "de ofj qsx"	ti17
4285	0017	VCS	Halifax CGR.	CAN CW, wkg id "vvv vvv vvv"	ti47
4298	2140	PPO	Olinda Radio	B CW, wkg id "vvv vvv vvv"	ti47
4449	0829		ET-5 Ship/Shore crypto	NATO ITA2-75, non german	ti47
4930.5	0019	V9P	NATO-warship in Adriatic	patrolling USB, pos-/sitrep	ti47
5064	1732	9MB	MLA Ny Lumut	MLA CW, wkg id "vvv vvv vvv"	ti47
5270	2300	I...	I Ny	I I, but who, whisky control r/c	fd40
6335.5	0002	IGJ43	I Ny Augusta	I CW, wkg id "vvv vvv vvv"	ti47
6340.5	1854	9VG9	Singapore Radio	SNG CW, wkg id "cq cq cq de"	ti47
6395	0004	TBA	TUR Ny Ankara	TUR CW, wkg id "vvv vvv vvv"	ti47
6412	0007	9VG	Singapore Radio	SNG CW, wkg id "cq cq de"	ti47
6425	1629	UGC	St.Petersburg Radio	RUS CW, wkg id "de ugc ugc"	ti47
6448	0009	UUI	Odessa Radio	UKR CW, wkg id "cq cq cq de"	ti47
6467	2153	VTG	IND Ny Bombay	IND CW, wkg id "vvv vvv vvv"	ti47
6483	0012	WSC	Tuckerton Radio	USA CW, wkg id "de wsc wsc "	ti47
6502	2156	TBD1	unid TUR.Ny	TUR CW, wkg id vvv vvv vvv	ti47
6815	0859	ICZ	I Ny Venezia	I USB, wkg unid vessel	ti47
6888.5	2359	ZSC	Capetown Radio	AFS CW, wkg id "vvv vvv vvv"	ti47
8335.5	1041	DRAT	FGS EMDEN	IWA USB, wkg DHJ59 (SVC,QRU)	ti47
8437	1830	4XZ	ISR Ny Haifa	ISR CW, wkg id "vvv vvv vvv"	ti47
8440	2150	VCS	Halifax CGR.	CAN CW, wkg id "vvv vvv cq de"	ti47
8448	2214	A9M	Bahrain Radio	BHR CW cq mkr	pcG
8460	2150	PPJ	Juncao R	B CW v mkr	pcG
8469	0733	D4A	Mindelo R	CPV CW cq mkr	pcG
8469	2153	D4A	Sao Vincente Radio	CPV CW, wkg id "cq cq cq de"	ti47
8473.5	2157	A7D	Doha Radio	QAT CW, wkg id "de a7d"	ti47
8474.5	0740	JYO	Aqaba R	JOR CW cq mkr	pcG
8490	2200	AQP5	PAK Ny Karachi	PAK CW, wkg id "vvv vvv vvv"	ti47
8514	1837	XSQ	Guangzhou Radio	CHN CW, wkg id "cq cq cq de"	ti47
8515	1836	5AT	Tripoli Radio	LBY CW, wkg id "vvv cq cq de"	ti47

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8520.1	2156	PPO	Olinda Radio	B	CW, wkg id "vvv vvv vvv"	ti47
8555	0750	TBB7	Ankara TN	TUR	CW v mkr	pcG
8565	2351	D3E51	Luanda Radio	AGL	CW, wkg id "cq de d3e51"	ti47
8571	0755	JNA	Tokyo R	J	cq mkr + met	pcG
8634	2355	PPR	Rio de Janeiro Radio	B	CW, wkg id "vvv vvv vvv"	ti47
8647	2256	VTP	IND Ny Vishakaptnam	IND	CW, wkg id "vvv vvv vvv"	ti47
8653.6	1847	JCS	Choshi Radio	J	CW, wkg id "cq cq cq de"	ti47
8665	1849	XSG	Shanghai Radio	CHN	CW, wkg id "cq cq cq de"	ti47
8682	2201	EAD	Madrid Radio	E	CW, wkg tfc-list	ti47
8683	0755	UFJ	Rostov R	RUS	CW wkg ships + closing ID	pcG
8726	1325	EHY	Madrid Radio	E	CW, wkg id "de ehy qsx"	ti47
10192.5	0857	DRAT	FGS EMDEN	IWA	USB, wkg DHJ59, ZBO 1P	ti47
10192.5	0927	DHJ59	GNY wilhelmshaven	D	USB, clg DRAT for TFC	ti47
12659.5	1820	9VG37	Singapore R	SNG	CW v mkr + freq info	pcG
12662	1122	7TF8	Boufarik Radio	ALG	CW, wkg id "cq cq cq de"	ti17
12682.5	1125	PKE	Amboina R	INS	CW cq mkr	pcG
12682.5	1230	PKF	Ujung Pandang R	INS	CW cq mkr	pcG
12712	1715	HLW3	Seoul R	KOR	CW cq mkr	pcG
12724	1830	9VG57	Singapore R	SNG	CW cq mkr + freq info	pcG
12724	1834	ZSC43	Capetown R	AFS	CW cq mkr	pcG
12735	1328	URL	Sevastopol Radio	UKR	CW,wkg id "cq cq cq de"	ti47
12748	1125	IRM	Medical Radio Rome	I	CW, wkg id "vvv vvv vvv"	ti17
12750	1837	CWA	Cerrito R	URG	CW cq mkr	pcG
12795	1330	UCE	Archangelsk Radio	RUS	CW, wkg id "de uce uce"	ti47
12799.5	1127	UCE	Vladivostok Radio	RUS	CW, wkg id "de uce qsx"	ti17
12808.5	1332	VTG	IND Ny Bombay	IND	CW, wkg id "vvv vvv vvv"	ti47
12856	1130	XSG	Shanghai Radio	CHN	CW, wkg id "cq cq cq de"	ti17
12935	2024	HLG	Seoul Radio	KOR	cw, tfc-list	fd40
12958.5	1800	PPO	Olinda R	B	CW v mkr	pcG
12978.8	2006	PPL	Belem Radio	B	cw, vvv	fd40
12984	1133	4XZ	ISR Ny Haifa	ISR	CW, wkg id "vvv vvv vvv"	ti17
13065	1934	ESP	Pamu Radio	EST	cw, cq clg for ESZG	fd40
13070	1930	YLQ	Riga Radio	LVA	cw, cq de	fd40
16912.5	1057	SUH	Alexandria Radio	EGY	CW, wkg id "vvv vvv vvv"	ti47
16929	1423	WCC	Chatham Radio	USA	CW, wkg id "vvv vvv vvv"	ti17
17131	1433	UTQ	Kiev Radio	UKR	CW, wkg id "cq cq cq de"	ti17
17257	1441	UAT	Moscow Radio	RUS	CW, wkg, met-reports	ti17

A E R O N A	U T I C A L					
2896	0032		Syktyvkar Volmet	RUS	USB, wkg met-report	ti47
2941	0140		Moscow Volmet	RUS	USB, wkg forecast	ti47
3023	1904		unid	???	USB, wkg TFC-END!	ti47
3413	0521		Shannon Volmet	IRL	USB, wkg a/p-wx	ti47
3485	0524		Gander Volmet	CAN	USB, wkg, forecast	ti47
4645	0536		Tallin Volmet	EST	USB, wkg, volmet in RUS	ti47
4715	0901	MVU	RAF West Drayton Vom.	G	USB, wkg met-reports	ti47
4739	1426	MVU	RAF West Drayton	G	USB, wkg, VOLMET	ti47
4742	1431	ARCHITECT	RAF Upavon	G	USB, wkg //11205.0	ti47
5541	0100	SDJ	Stockholm Radio	S	USB, wkg A/C, end of tfc	ti47
5550	0101		Aero New York	USA	USB, wkg unid A/C, posrep	ti47
5601	0105		Aero Bombay	IND	USB, wkg DELTA-7011	ti47
5601	2304		Ezeiza Volmet	ARG	S, wx, temperaturas, id	fd40
5616	0919		Aero Shanwick	IRL	USB, clg CANADIAN96, lev.	ti47
5680	0835		Plymouth Rescue	G	USB, clg RESCUE117 f.test	ti47
5680	0951		Edinburgh Rescue	G	USB, wkg D/123 for test	ti47
5680	1740	0169	RAF-flight	AIR	USB, clg Plymouth, posrep	ti47
5680	1758	Rescue122	RN-flight	AIR	USB, clg Plymouth for wx	ti47
5680	1909		Plymouth Rescue	G	USB, wkg RESCUE015, MSGs	ti47
5685	0922	MKH5	RAF Finningley	G	USB, wkg ASCOTT1913, wx	ti47
5708	0805		USAF Lajes	AZR	USB, wkg, unid A/C	ti17
5714	1701	ARCHITECT	RAF Upavon	G	USB, wkg, color-state-wx	ti47
6617	0936		St.Petersburg Volmet	RUS	USB, wkg meteo reports	ti47
6693	1755		Tyumen Volmet	RUS	USB, rus-airport-wx	ti17
6715	0941	QUIEBA	METASET unid	?	USB, wkg unid A/C, MSGs	ti47
6739	1630	ARCHITECT	RAF Upavon	G	USB, wkg colorstate-wx	ti47
6758	0813		unid	???	USB, RUS? WKG unid	ti17
8819	2302		Rainbow Radio, CAN	wkg	American116, Selcall BMGK	fd40
8918	2230		Panama Aeradio	PNR	wkg N3045	fd40
8980	1319	BT9P	RAF in???	G	USB, clg FYY47, msg & wx	ti47

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8980	1348	FYY47	RAF-Flight	AIR	USB, clg BT9P for MSGs	ti47
9031	0931	ARCHITECT	RAF Upavon	G	USB, wkg, col-state-wx	ti17
10072	1427	Speedbird	B.A. London	G	USB, wkg DELTA-20	ti47
11178	1427	MVU	RAF West Drayton	G	USB, wkg VOLMET //4739.0	ti47
11193	0948	MVU	RAF West Drayton Volm.	G	USB, wkg meteo-reports	ti47
11205	1430	ARCHITECT	RAF Upavon	G	USB, wkg color-state-wx	ti47
11217	1436		unid FAF	F	USB, wkg A/C	ti47
11225	0950		unid (I.AF?)	I?	USB, wkg unid sta	ti47
11226	1119		unid	???	USB, counting UNO DOS..	ti17
11270.5	1308	DHN69	unid GAF	D	USB, clg DHN66, rdo-check	ti47
11270.5	1438	INY4	I AF Bari	I	USB, clg DHN66, rdo-check	ti47
11279	1343		Karaganda Volmet	KAZ	USB, wkg wx for Tashkent	ti17
11297	0951		Kiev Volmet	UKR	USB, wkg, A/P-wx	ti17
11297	1439		St.Petersburg Volmet	RUS	USB, wkg A/P-wx, met reps	ti47
11306	1441	GKX	Portishead Radio	G	USB, wkg fon to unid A/C	ti47
11318	1417		Novosibirsk Volmet	RUS	USB, wkg, A/P-metreport	ti47
11345	1443	SDJ	Stockholm Radio	S	USB, wkg fo to Germany	ti47

F I X E D B A N D S

2626	2207		Spy-network (X04)	ISR	AM, wkg msg 5ltrgr	ti47
2852	0031		unid, tactical	???	CW, wkg msg handkey 5ltrgr	ti47
2961	0142		unid	???	CW, cont 95 12345	ti47
2961	2215		unid	???	CW, cont "99 10338"	ti47
3067	0040	8PRY	unid, tactical net	???	CW, clg VMN4 for msg	ti47
3092	1903		RUS Ny	RUS	CW, wkg, channelmrkr "L"	ti47
3128	2125		unid	???	CW, wkg cont "v v v v"	ti47
3175	2115		RUS Ny	???	CW, wkg channelmrkr "v"	ti47
3181	1913		RUS Ny	RUS	CW, channelmarker "C"+msg	ti47
3259	2117		unid	???	CW, wkg msg 5ltrgr	ti47
3270	2118		Spy-network (X09)	ISR	AM, clg "KPA2"	ti47
3298	0512	IZC6	unid	I	CW, wkg cont. ID	ti47
3301	2120		unid	???	CW, wkg msg 5ltrgr	ti47
3314	2122	HEP	INTERPOL Zurich	SUI	CW, wkg id "vvv vvv vvv"	ti47
3321	2130		RUS Ny	RUS	CW, wkg channelmrkr "R"	ti47
3351	2226	YDMW	unid, tactical net	???	CW, clg FBCV, QSY 10066	ti47
3358	2211	HH3	unid	???	CW, wkg id "vvv vvv vvv"	ti47
3384	0520		unid	???	CW, wkg msg 5nrgr	ti47
3412	0047	VDE	unid, tactical?	???	CW, wkg id "vvv vvv vvv"	ti47
3417	2231		Spy-network (X10)	ISR	AM, wkg clg "ART"	ti47
3833	1830	FDC	FAF Metz	F	CW, wkg id "vvv vvv de"	ti47
3840	2147		Spy-network (X12)	ISR	AM, MOSSAD, wkg 5ltrgr	ti47
3932	2150	OGU3	unid, tactical network	???	CW, wkg clg MNMP for MSG	ti47
3932	2236		Spy-network (O02)	???	USB, wkg msg 5nrgr	ti47
4165	1817		Spy-network (X13)	ISR	AM, wkg id "MIW2"	ti47
4270	2138		Spy-network (X15)	ISR	AM, wkg msg 5ltrgr	ti47
4440	0532	KF9R	unid, tactical network	???	CW, wkg, clg GLC4	ti47
4456	2218		unid	???	CW, wkg msg 5ltrgr	ti47
4461	2219		Spy-network (X17)	ISR	AM, wkg msg 5ltrgr	ti47
4463	2239		Spy-network (X18)	ISR	AM, wkg msg 5ltrgr MOSSAD	ti47
4464	1805	E20	unid, tactical network	???	USB radiocheck with unid	ti47
4465	1820	T30	unid, tactical network	???	USB, clg 0C for test	ti47
4558	2220		RUS Ny	RUS	CW, wkg channelmrkr "C"	ti47
4665	0008		Spy-network (X20)	ISR	AM, wkg clg "SYN2"	ti47
4780	1818		Spy-network (X21)	ISR	AM, wkg msg 5nrgr	ti47
4828	1131		RUS Ny	???	CW, wkg channelmarker "P"	ti47
4832	2245		Spy-network (O05)	???	USB, msg 5nrgr (s. 3932)	ti47
4880	1819		Spy-network (X22)	ISR	AM, wkg msg 5nrgr	ti47
5108	1735	M3EQ	unid, tactical network	???	CW, wkg, msg 5lrgr	ti47
5153	1909		Spy-network (E04)	USA	AM, msg for 391, 147 gr.	ti47
5154	1739		RUS Ny	RUS	CW, wkg channelmarker "C"	ti47
5166	0908		unid RUS-sta	RUS	USB, wkg MSGs in RUS	ti47
5230	1742		Spy-network (X27)	ISR	AM, wkg, "VLB2" (Mossad)	ti47
5243	1745	FDY	FAF Orleans	F	CW, wkg id "vvv vvv vvv"	ti47
5301	1811	OLX	Spy-network (T03)	CZR	USB, wkg msg 5nrgr in CZR	ti47
5392	1137	HLG	unid, tactical	???	USB, wkg 640, msg fm 031E	ti47
5471	1749	LN2A	PTT Oslo	NOR	CW, wkg id + phasing	ti47
5748	0108		Spy-network (O07)	???	USB, wkg msg 5nrgr	ti47
5766	0932	NP98R	unid, tactical	???	CW, wkg handkeyed wx	ti47

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6825	0901	FAV22	FAR Mons-Valerien	F	CW, wkg id "vvv vvv vvv"	ti17
6825	0901	FAV22	FF Mons-Valerians	F	CW, wkg COMMEX-drills	ti47
6860	0904	FDC	FAF Metz	F	CW, wkg id "vvv vvv vvv"	ti47
6873	0907		unid	???	CW, wkg MSG 4nrgr	ti47
6959	1813		Spy-network (LP04)	CYP	USB, wkg msg 5nrgr MI-6	ti47
6970	1816		Spy-network (E14)	USA	USB, wkg msg 5nrgr (CIA)	ti47
8142	0956	OLX	MoI Prague	CZR	CW, wkg id "vvv vvv vvv"	ti47
8143	1817		Spy-network (E23)	USA	USB, wkg parallel (E14)	ti47
9251	1819		Spy-network (LP09)	CYP	USB, MI-5, msg 5nrgr	ti47
10144	0940	DK0WCY	DARC Suederbrarup	D	CW, wkg id, "aurora-beac."	ti17
10872	0944		RUS.Ny	???	CW, wkg, channelmarker "C"	ti17
10970	1434		Spy-network (X59)	ISR	AM, wkg clg "SYN2"	ti47
11072	1437		unid, tactical network	???	CW, wkg msg 5nrgr.	ti47
11470	1514		Spy-network (E39)	USA	AM, wkg msg 5nrgr (CIA)	ti47
11545	1814		Spy-network (LP11)	CYP	USB, wkg msg 5nrgr	ti47
11565	1000		Spy-network (X60)	ISR	AM, wkg msg for "EZI"	ti47
12170	1450	8BY	unid, tactical/secret	???	CW, wkg "3469 3469/035"	ti47
12177	1305	BS6E	unid	HOL	USB, unid NL-tactical	ti17
12603	1824		Spy-network (LP12)	CYP	USB, MI-5, msg 5nrgr	ti47
12745	1329		Spy-network (X61)	ISR	AM, clg "SYN2"	ti47
13375	1512		Spy-network (LP13)	CYP	USB, wkg MSG 5nrgr	ti47
13528	1434		RUS Ny	???	CW, wkg channelmarker "C"	ti17
13533	1001		Spy-network (X63)	ISR	AM, wkg msg for "EZI"	ti47
14487	1135		Spy-network (LP14)	CYP	USB, wkg msg 5nrgr	ti47
15682	1135		Spy-network (LP15)	CYP	USB, wkg msg 5nrgr MI-5	ti47
15980	1130		Spy-network (X67)	ISR	AM, wkg id "EZI"	ti47
16084	1004		Spy-network (LP16)	CYP	USB, MI-5 msg for "29221"	ti47
17410	0933		Spy-network (X69)	ISR	AM, MOSSAD, wkg "EZI2"	ti47

D I G I T A L

2474	2113	PBC	RNN Georee	HOL	ITA2-75, freq-management	ti47
2690.5	1917	DHJ51	Meteo Gregel	D	ITA2-100, met-reports	ti47
2788.8	2149	FUE	RNY Brest	F	ITA2-75, id, RYRY & SGSG	ti47
2822	2047	DHN37	Meteo Gregel	D	ITA2-100, met-reps (mil)	ti47
2845	2114	PBB	RNN Den Helder	HOL	ITA2-75, freq-management	ti47
2892.3	2115	MTO	RN Rosyth	G	ITA2-75, freq-management	ti47
3172.5	2116	IMB31	Meteo Rome	I	ITA2-50, met-reports	ti47
3196	2117	OKLA	Meteo Prague	CZR	ITA2-50, met-reps	ti47
3390	2119	MGJ	RN Faslane	G	ITA2-75, freq-managment	ti47
4002	2120	YRR4	Meteo Bucuresti	ROU	ITA2-50, AAXX-report	ti47
4018	0800	DEL	?? net	D	FEC/A/96/85 DEL/DEL55/99 hrdpcG	
4258.2	2121	MTO	RN Rosyth	G	ITA2-75, freq-management	ti47
4280	2122	PBC	RNN Goeree	HOL	ITA2-75, freq-management	ti47
4295	2122	HWN	FNY Paris	F	ITA2-75, RYRYRY & SGSGSG	ti47
4489	2124	GFL26	Meteo Bracknell	G	ITA2-75, METAR-reports	ti47
4535.4	0630	DEB	wiesbaden?? net D	FEC/A/96/85	DEB/DEB30/35/40/45	pcG
4538.5	0700	DEG	?? net D	FEC/A/96/85	DEG/DEG20/30/35/45	pcG
4583	2124	DDK2	Meteo Quickborn	D	ITA2-50, BBXX-reports	ti47
4813	1936	LZA8	Meteo Sofia	BUL	ITA2-50, met-reports	ti47
5070.5	1330	OEC	Vienna MFA	AUT	ARQ-S/96/170 GG msg to Belgrad	pcG
5095.5	1800	??	?? UNID	?	PICC/12 s/ch crypto ARQE/192	pcG
5285	2155	RBX71	Tashkent Meteo	UZB	Fax, wx-chart	fd40
5397.7	2136	RFF--	Paris	F	ARQ342/200/400/2ch to sarajevo	pcG
5869.5	1315	RETWCO	E Police Oviedo	E	SITOR/A/100/400 msg to RETWCpcG	
5887.5	2128	IMB32	Meteo Rome	I	ITA2-50, SIGMET-reports	ti47
6336.2	2129	MTO	RN Rosyth	G	ITA2-75, freq-management	ti47
6348	1940	HWN	FNY Paris	F	ITA2-75, wkg, FL, QSL	ti47
6357	2310	SAA	Karlskrona R	S	CW cq mkr + freq info	pcG
6358.5	1940	PBC	RNN Goeree	HOL	ITA2-75, freq-management	ti47
6369	2303	D3E41	Luanda R	AGL	CW cq mkr	pcG
6375	2300	TBO2	Izmir TN	TUR	CW v mkr	pcG
6412	2255	9VG55	Singapore R	SNG	CW cq mkr + freq info	pcG
6496.4	2030	CFH	Halifax CCG	CAN	ITA2/75/500 met msgs	pcG
6502	2040	TBB6	Ankara TN	TUR	CW v mkr	pcG
6798	1400	FDY	Orleans FAF, F	ITA2/50/400	usual "le brick.."	pcG
6835	2131	GFL22	Meteo Bracknell	G	ITA2-50, wkg, met-reports	ti47
6918.5	1930	ECA7	Madrid Meteo	E	Fax, ID, wx-chart from FFM	fd40
6972	1709	YOG59	ROMPRES Bucuresti	ROU	ITA2-50, wkg, F-nx	ti47

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6981.9	1030	SAM	Stockholm MFA, S	SWE-ARQ/100/400 5lgs/swed text	pcG
6981.9	1507	SAM	Stockholm MFA	S SWE-ARQ/100/400 swe msgs	pcG
6984	1500	SNN299	Warsaw MFA	POL POL-ARQ/100/340 idling	pcG
7319	1541	SUU	Cairo Meteo	EGY ITA2/100/850 met msgs	pcG
7446	1023	DDH7	Meteo Quickborn	D ITA2-50, wkg AAXX-report	ti47
7468	1014	OZU25	Copenhagen MFA	DNK TWINPLEX Danish msgs	pcG
7521.5	1944	FDY	FAF Orleans	F ITA2-50, "VOYEZ..." test	ti47
7639.2	1100	??	?? UNID ?	SITOR/A/B/170 figs/time checks	pcG
7642.7	1320	RFFR	Paris	F ARQE FDXA/FDXS to Sarajevo	pcG
7658	1930	YZI223	TANJUG Belgrade	SER ITA2-50, news in English	ti47
7678.5	1200	HBD20	Berne MFA	SUI SITOR/A/100/170 5lgs	pcG
7685	1310	RBV75	Moscow Meteo	RUS ITA2/50/850 wx msgs	pcG
7685	2135	RBK75	Meteo Moscow	RUS ITA2-50, met-reps	ti47
7728	0628	FDY	FAF Orleans	F ITA2-50, test-tape RYRY	ti47
7801	1605	9BC22	Tehran IRNA	IRN ITA2/50/400	pcG
7834.5	1310	FDC	Metz FAF	F CW v mkr	pcG
7855	2137	ROK74	Meteo Moscow	RUS ITA2-50, met-reports	ti47
7894.5	1030	OEC	Vienna MFA	AUT ARQ-S/96/170 "qra de oec..	pcG
7898	1945	??	?? UNID German?	D ARQE/72/85 GG tfc to Mostar	pcG
7946	1933	RFVI	Le Port	REU ARQE/96/400 "ITT" to Mayotte	pcG
7959	1930	9BC23	Tehran IRNA	IRN ITA2/50/400 EE news	pcG
7960	0751	OMZ	MFA Prague	CZR ITA2-100, czech-news	ti47
7975	1915	SOH297	Warsaw PAP	POL SITOR/B/170 Pol. news	pcG
8019	2200	??	??	? VFT/8ch 6chs-75bd/170hz-crypp	pcG
8049	1933	9BC25	IRNA Tehran	IRN ITA2-50, news in English	ti47
8112	0523	GXQ	RN whitehall	G B9W-ITA2-50, test-tape	ti47
8435	2100	VCT	Tors Cove R, CAN	SITOR/A/B info msg SAB/Goteborg	pcG
8436	2300	SAG	Gothenburg R	S SITOR/A msg to usmk	pcG
8439	1026	PBC	RNN Goeree	HOL ITA2-75, freq-management	ti47
8453	1939	HWN	FNY Paris	F ITA2-75, RYRYRY & SGSGSG	ti47
8453	2115	HWN	Paris FN	F ITA2/75/850 ryry test	pcG
8478.5	1225	FUF	Ft de France FN	MRT ITA2/75/850 ryry test	pcG
8672.8	2140	MTO	RN Rosyth	G ITA2-75, freq-managemnt	ti47
8994.5	1955	??	?? Meteo	? ITA2/50/600 europ. meteo	pcG
9079.7	2125	RFQP	Djibouti, DJI	ARQE3/100/400 "DJI" to Le Port	pcG
9090.7	0810		Rome MFA	I SITOR/A/170 Ital/ dip msgs	pcG
9193	1845	BAA--	Beijing Meteo	CHN ITA1/50/850 meteo msgs	pcG
9280.5	2153	??	??	? PICCOLO/6 2chs idle/crypto	pcG
9417	1921	BZR59	Beijing Meteo	CHN ITA2/75/400 ee press	pcG
9491	1946	BZR69	Beijing Meteo	CHN ITA2/75/400 ee press	pcG
9931.7	2214	??	Cairo?? MFA	EGY SITOR/A/170 aa text	pcG
9983.7	2135	RF--	Paris, F	ARQE3/100/400 Paris to Le Port	pcG
10172.5	2024		Cairo MFA	EGY SITOR/A/100 w TVVQ s/cal	pcG
10272.5	1555	GYU	Gibraltar RN	GIB PICC/6 4ch-ch1 foxes/ry	pcG
10540	1938	CSY40	Aero St.Maria AFTN	AZR ITA2-50, RYRYRYRYRYRYRY	ti47
10634	1640	CNM37	MAP Rabat	MRC ITA2-50, news in French	ti47
10890	1030	GXQ	RN whitehall	G B9W-ITA2-50, test-tape	ti47
11030	1634	AXM34	Canberra Meteo	AUS Fax, wx-chart	fd40
11403.7	2205	RFTJD	Libreville, GAB	ARQE3/192/400 "JDJ" to C.Vert	pcG
11450	2006	RDD77	Meteo Moscow	RUS ITA2-50, met-reports	ti47
11549	1301	MKK	ARMY London	G B9W-ITA2-50, test RYIRYI	ti47
12906	0842	MTO	RN Rosyth	G ITA2-75, freq-management	ti47
13530	1251	RVW53	Meteo Moscow	RUS ITA2-50, met-reports	ti47
13966.5	1600		ICRC Yerevan	ARM PACT/I msg to Geneva	pcG
13966.5	DAIL	HBC88	ICRC Geneva	SUI PACT/I msgs to various stns	pcG
14356	0844	GFL24	Meteo Bracknell	G ITA2-75, AAXX-reports	ti47
14381	0830	GXQ	RN whitehall	G B9W-ITA2-50, test-tape	ti47
14387.5	0755	??	??	? PICCOLO/12 s/ch crypto	pcG
14596.5	1123	??	?? UNID	? PICC/12 cont crypt.	pcG
14760	1034	CNM61	MAP Rabat	MRC ITA2-50, wkg F-nx	ti47
14910	1418	DFZG	MFA Beograd	SER FEC-100/144, mssg (to whom?)	fd40
14964	1355	Unid	Press agency, ?	Sitor-A, fasr faj, conflict IRQ-KW	Tfd40
15942	0800	OMZ	MFA Prague	CZR ITA2-100, czech-news	ti47
16045	1250	SNN299	Warsaw MFA	POL POL-ARQ/100/170 Pol msgs	pcG
16087.7	1543	RFVI	Le Port, REU	ARQE3/100/400 "REI" to Paris	pcG
16125.2	1200	RFQP	FAF Djibouti, DJI	ARQ-M2/200 5 lt-gps, C de Voie	fd40
16355	0803	OMZ	MFA Prague	CZR ITA2-100, Czech-news	ti47
16491,5	1220	9HEI4	MV Gracious Lady	IWA SITOR-A/100, loc: East Medi	fd40

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16598,3	1241	69OSB	Unid ? ITA2/100, test de,INT ZBZ foxes	fd40
16893	1630	USU	Mariupol R UKR SITOR/B wx b/c	pcG
18229.6	1036	GFL25	Meteo Bracknell G ITA2-75, wkg, TAF-report	ti47
19171	1038	CNM85	MAP Rabat MRC ITA2-50, wkg RYRYRY	ti47
20348,5	1426	LUMR	GCM Lubumbashi ZAI ARQ-M2/96, message to BEL	fd40
20754.4	1105	HBC88	ICRC Geneva SUI PACT/I wkg Nairobi	pcG
20754.4	1135	5ZR88	ICRC Nairobi, KEN PACT/I "hello gva de robi.."	pcG
20754.4	1230		ICRC Bujumbura BDI PACT/I msg to Geneva	pcG
20754.4	1311		ICRC Kinshasa ZAI PACT/I "vsx de kina"	pcG
20754.4	1618		ICRC Harari ZWE PACT/I msg to Geneva	pcG
20754.4	1700		ICRC Monrovia LBR PACT/I lmonr to Geneva	pcG
20856.7	1425	RFQP	Djibouti, DJI ARQE3/200/400 "DJK" to C.Vert	pcG

ti17 is ti47 on Usedom-Island in northeastern Germany.

DE pcG BAND SURVEY AUGUST/SEPTEMBER 1995 DE pcG
10000 - 10999 KHZ

FREQ	HR	DT MO	MODE	REMARKS
10112.00	1955/11/09		/75/850	Cont. Synch.
10130.00	0718/26/08		ITA2/50/850	RBX73 Tachkent meteo groups
10132.00	1800/31/08		ITA2/50/400	TNL Brazzaville with ryry qjh1 mkr
10151.85	1330/26/08		PACTOR/HAM	?? French msg - Zenica mentioned
10151.90	0745/30/08		SWE-ARQ/400/400	SAM Stockholm MFA 5ltrgps to London
10160.00	1250/08/08		??/300/400	Like packet?? - bursts
10160.00	1710/21/08		VFT?	8ch. reported chinese diplo.
10162.50	1100/28/08		ITA2/50/400	YI- Baghdad INA english press
10164.00	1130/08/08		ITA2/50/400	Press ??
10169.00	DAILY../08		/200/500	Cont. Synch.
10170.00	1640/31/08		ITA2/50/170	HSW63 Bangkok Meteo wx msgs
10177.70	1125/21/08		ARQE3/192/400	RF-- Paris LFB to F.de France
10186.00	DAILY../08		/100/850	Cont synch.
10202.00	0733/12/09		VFT/8ch	MKK London DCN 50bd foxes on several chs.
10206.70	1155/21/08		SITOR/A/100/170	Lisbon DIPLO selcals QMDM/YBKV..msgs to EMPORT in various cities
10210.00	DAILY../08		VFT/8ch	GXQ London DCN Noted as follows:- Ch1 o/w idle/M: Ch2 75bd sync Ch3 idle/M Ch4 75bd sync: Ch5 ARQ342/2ch/96bd B cct ANO ch de RUD/NOTAMS msgs: Ch6 as 5/idle Ch7 as 5/A cct UK wx reports: Ch 8 idle/S
10215.00	DAILY../08		ITA2/100/850	HZN48 Jeddah Meteo
10216.00	1915/15/08		ARQE/184.7/400	RFFXC Paris UAQ to Sarajevo(RFFXQA)
10219.00	1310/21/08		ARQE/72/85	idle + OK alles klar + off Diplo?
10220.00	1255/14/08		VFT/8ch	MKD Cyprus DCN
10253.00	2030/24/08		81.0/255	81.81 system
10264.00	1200/21/08		/100/850	Cont. Synch.
10280.00	1020/22/08		VFT/8ch/50/340	MKK London DCN Foxes on several chnls
10281.30	2142/09/08		ARQE3/96/400	RFLIG Cayenne RTI to F.de France
10283.00	DAILY../08		PACTOR/I	ICRC Net. Hrd:- HBC88(Geneva), Pale, Zagreb, Sarajevo+others: IRC msgs/ sitreps.
10298.00	DAILY../08		ITA2/50/400	HSW62 Bangkok Meteo
10310.00	1204/21/08		40.5/500	81.81 system
10310.50	2055/11/09		/100/850	Cont. Synch.
10312.00	2041/24/08		/100/850	Cont. synch.
10314.00	1000/25/08		POL-ARQ/100/250	SNN299 warsaw MFA Pol.press
10346.00	DAILY../08		VFT/8ch/USB	GYU Gibraltar DCN Noted as follows:- Ch1 o/w idle/M: Ch2 75bd sync: Ch3 idle/S, Ch4 75bd sync: Ch5 idle/M: Ch6 ARQ342/2ch/96bd: Ch7 ARQ342/2ch/96bd: Ch8 idle/S, Ch1 has op/chat - 50bd - but be patient!
10364.00	2147/09/08		ARQE/48/850	RFTJD Libreville JDF to P.Bouet
10384.50	1700/28/08		ITA2/50/850	BAA-- Beijing Meteo with cq de BAA2/4/ 9/21/23/25

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10394.70 1110/21/08 ARQE3/200/400 Idle + suppl..suppl..+ went off
 10400.20 2050/24/08 ARQ342/2ch/200/400 Cfm Paris RQG/RQF to Jibuti
 10415.00 2300/23/08 ARQE/72/400 RFFXL Beirut UNIFIL XZL status msg
 10415.00 1220/14/08 VFT/8ch GXQ London DCN
 10421.50 DAILY../08 S-ARQ/96/170 OEC Vienna MFA usually 5lpgs
 10423.30 1515/23/08 ITA2/50/850 YMA20 Ankara Meteo wx msgs
 10480.00 1942/20/08 ARQE/184.7/400 RFFXQA Sarajevo UQA cdv to Paris
 10483.00 1500/23/08 ROU-FEC/218.3/400 V5G Bucharest MFA cont crypto msgs
 10493.00 1025/23/08 ROU-FEC/164.5/400 V5G Bucharest MFA cont crypto msgs
 10493.70 0723/31/08 ARQE3/48/400 RFTJF P.Bouet JFJ to C.Vert
 10495.00 1700/25/08 VFT/8ch MKD Cyprus DCN
 10518.00 2040/04/09 ITA2/50/1000 Russ?? Met groups
 10536.00 DAILY../09 ITA2/75/400 CFH Halifax Meteo data
 10542.50 1020/23/08 /150/850 Cont. synch.
 10551.30 DAILY../08 ITA2/75/400 GFL23 Bracknell Meteo
 10580.00 1515/05/09 ITA2/50/170 HMF46 Pyongyang KCNA ee press
 10583.00 1100/22/08 SW-ARQ/100/400 SAM Stockholm MFA 5lpgs to Moscow
 10600.00 DAILY../08 ITA2/50/400 XVN47 Hanoi VNA
 10634.10 1700/11/09 ITA2/50/400 CNM37.. Rabat MAP ff news
 10638.70 2058/20/08 ARQ342/2ch/200/400 RFQP Jibuti QRG/QPF to Paris
 10676.40 2200/21/08 ARQE/72/400 cfm Bangui XZI to Paris
 10698.00 0755/22/08 81.0/250 81.81 system
 10722.50 0810/22/08 VFT 150/170 3ch spaced f0+700/700/700 each 150bd ??
 10753.50 0820/22/08 /100/850 Cont. synch.
 10755.00 0825/22/08 /75/850 Cont. synch.
 10798.30 2141/28/08 ARQE3/96/400 RFLI Ft de France IRT to cayenne
 10814.20 2153/04/09 ARQ342/2ch/200/400 RFQP Jibuti QPB/QPC to Paris
 10835.00 1845/11/09 /75/850 Cont. synch.
 10855.00 1850/11/09 VFT/8ch GXQ DCN London 50bd foxes on several chs.
 10873.70 2150/28/08 ARQE3/100/400 RFVI Le Port to Paris REI c.d.v.
 10890.00 0845/22/08 VFT 50/340 GXQ London DCN Foxes on + ch1 o/w
 10917.70 1950/11/09 ARQE3/48/400 RFTJ C.Vert TJF to P.Bouet
 10927.00 0740/21/08 ITA2/75/850 Cont. crypto
 10950.20 2200/04/09 ARQ342/2ch/200/400 RFFP Paris PQB/PQC to Jibuti
 10958.00 0850/22/08 ARQE/72/400 idle nil tfc - off by 0930
 10963.00 0830/29/08 SITOR/100/170 HBD20 Berne MFA 5ltgps
 10967.70 1242/25/08 ARQE3/200/400 ?? idle
 10969.00 0930/22/08 SITOR/A/100/170 HBD20 Berne MFA FF/GG msgs
 10991.70 0745/24/08 ARQ342/2ch/200/400 RFFVAY Sarajevo ch/A FKWA: ch/B FKWB ch/A msgs fm DETAIR SARAJEVO to Paris

FRENCH DOMESTIC(MILITARY) SEPTEMBER/OCTOBER 1995
 ARQE/72/400 UNLESS STATED

FREQ	CID	RID	DATES	REMARKS
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3606	-	-	NIGHTS	ARQE/192/170 cont idle night freq EHR/EHQ?
5026.5	UFB	UBF	26/9	Ex. PRE-PEGASUS msgs
5130	UBF	UBF	27/9	Ex. PRE-PEGASUS msgs
5732.5	-	-	12/9-14/10	Idle - nil tfc
5769	UBF	UBF	26/9	Ex. PRE-PEGASUS msgs RFFHCFB DE RFFGAFA
5786.5	UFB	UBF	27/9	Ex. PRE-PEGASUS msgs
5862.5	-	-	12/9-14/10	Idle - nil tfc
6976	EHQ	EHR	DAILY	ARQE/192/170 Ajaccio cont. idle
7614	EHR	EHQ	DAILY	ARQE/192/170 Marseille cont. idle
7840	-	-	11-14/10	Idle all day - + some unsynch

Q S L - R E V I E W

AIR-Corsair (over Tunis)	32 ppc	8930	F-GFUH	fd40
AIR-KLM598	20 ppc,VC,stick	8903	PH-BFM	fd40
AIR-LH575 (over Goma)	21 ppc,VC	8903	D-ABTB	fd40
AIR-Swissair287(ov.BDI)	21 ppc,L,VC,St	8903	HB-KVK	400w fd40
BEL-NDB Charleroi	122 ppc	323	"ONC"	100w fd40
D -Marinefernmeldegruppe	9 ppc	10192.5	DHJ59	fd40
D -NDB Ansbach	37 ppc	452	"ANS"	50w fd40

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D -NDB Frankfurt	10	PPC	320	"FFM"	80w	fd40
D -NDB Germinghausen	10	ppc via FFM	423	"GMH"	80w	fd40
D -NDB Greven	2	ppc	305	"MST"	20w	fd40
D -NDB Kiel	11	Abs.secret	385.5	"KIL"		fd40
D -NDB M-Gladbach	10	ppc via Df	377	"MGB"	3w(hi)	fd40
D -NDB Mnster	2	ppc	371	"MYN"	20w	fd40
D -NDB Spessart	10	ppc via FFM	370	"PSA"	80w	fd40
ERT-Asmara Aeradio	14	ppc	5658		1000w	fd40
F -NDB Kanveoc	17	ppc	428	"BST"	100w	fd40
F -NDB Metz	9	ppc	482	"LOU"	50w	fd40
F -NDB Verdun	29	ppc	392	"VUN"	50w	fd40
FNL-NDB Finno	580	PPC via HQ	354	"FIN"		zeTC
FNL-NDB Haapajaervi	580	PPC via HQ	393	"HAP"		zeTC
FNL-NDB Helsingki/Vantaa	580	PPC via HQ	381	"ESP"		zeTC
FNL-NDB Hyvinkaa	580	PPC via HQ	396	"HYV"		zeTC
FNL-NDB Kittil	12	ppc (Cen/a)	364	"B"		fd40
FNL-NDB Lieto	580	PPC via HQ	361	"LIE"		zeTC
FNL-NDB Pakka	580	PPC via HQ	368	"PAK"		zeTC
FNL-NDB Pori	580	PPC via HQ	341	"POR"		zeTC
FNL-NDB Savonlinna	580	PPC via HQ	381	"SAV"		zeTC
FNL-NDB Utti	580	PPC via HQ	400	"KO"		zeTC
G -NDB Bristol	21	ppc	380	"BRI"	25w	fd40
G -NDB Brize Norton	16	QSL-L	386	"BZ"	80w	fd40
G -NDB Clacton	72	ppc	429	"CLN"	15w	fd40
G -NDB Cromer Lth.	12	PPC,L,VC,Infos	383,5	"CR"	50NM	fd40
G -NDB Halfpenny Green	12	ppc,infos	356	"HG"	10NM	fd40
G -NDB Leeds/Bradford	16	ppc	402,5	"LBA"	50w	fd40
G -NDB Stansted	15	ppc,infos	359	"SAN"		fd40
G -NDB Taplow (mobile NDB)	70	ppc	421	"BUR"	10w	fd40
G -NDB Turnberry	42	ppc,L	355	"TRN"	16w	fd40
G -NDB Walney Island	12	ppc	385	"WL"	100w	fd40
G -NDB Wendover-Buckinghamsh	73	ppc	395	"HEN"	15w	fd40
HKG-Cape d'Aguilar R.	100	L f/d	12585.5	VRX63	10kw	zeTC
HNG-NDB Jaszbereny	15	ppc,infos	517	"JBR"	100w	fd40
I -NDB F.Capo Vaticano	12	ppc,infos	284	"VN"	100w	fd40
I -NDB Falconara	37	ppc	357,5	"FAL"	50w	fd40
I -NDB Ponza	16	ppc	367,5	"PNZ"	100w	fd40
IWA-NDB Dan BRAVO	13	ppc	355	"DON"	75w	fd40
IWA-Tender werra	82	ppc,L,	6779	DRHH	1kw	fd40
LUX-NDB Luxembourg	7	ppc	346	"WLU"	50w	fd40
POL-NDB Rzeszwcw	35	ppc (Cen/a)	474	"RZE"	40w	fd40
POL-NDB Wrocklaw	35	ppc (Cen/a)	525	"HG"	40w	fd40
ROM-NDB Baçau	162	ppc (Cen/a)	426	"BC"	1000w	fd40
ROM-NDB Baia Mare	162	ppc (Cen/a)	404	"BMR"	1000w	fd40
ROM-NDB Caransebes	162	ppc (Cen/a)	412	"R"	350w	fd40
ROM-NDB Cluj	162	ppc (Cen/a)	513	"CLJ"	1000w	fd40
ROM-NDB Deva	162	ppc (Cen/a)	393	"DVA"	1000w	fd40
ROM-NDB Galati	162	ppc (Cen/a)	413	"GLT"	1000w	fd40
ROM-NDB Sibiu	162	ppc (Cen/a)	381	"SIB"	1000w	fd40
ROM-NDB Suceava	162	ppc (Cen/a)	359	"SCV"	350w	fd40
RUS-Moscow Radio	910	L,cal.ppc	8440,6	UAT	5kw	fd40
S -NDB Aengelholm	28	ppc(Arlanda)	370,5	"LB"	25NM	fd40
S -NDB Aengelholm	28	ppc(Arlanda)	417	"AH"	25NM	fd40
S -NDB Malmoe/Sturup	9	ppc	409	"SG"		fd40
SUI-Alkair, qth Zurich	10	ppc,info	8930	OY-CCJ		fd40
USA-Camslant	30	QSL-card	5696	NMN		fd40

ADDRESSES & VERIESIGNERS

fmI reports that he got a n/d ppc from NATO Geilenkirchen ("sorry, we are not allowed to pass any info due to NATO regulations") and nice AWACS photos and stickers within one month. V/s was a Senior Technician with unreadable signing. Address is NATO Airborne Early warning Force, NAEWF-E-3A Component, NATO Air Base, 52511 Geilenkirchen, Germany.

Cape d'Aguilar Radio VRX: Hongkong Telecom International Ltd., GPO 9896, Hongkong (zeTC)

G-Ads of HG: Halfpenny Green Airport, Bobbington Estates Ltd., Bobbington, Nr.Stourbridge, West Midlands DY75DY, UK.

V/s for HNG NDB JBR is Sandor Toth, IRC was returned.

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I N F O S

Gny Activities:

Until December it's possible to hear FGS GORCH FOCK (DRAX), FGS MOELDERS (DRAF), FGS LUEBECK (DRAO), FGS SPESSART (DRKN) or FGS BRANDENBURG on HF, working with DHJ59. Submarine FGS U-22 is on training in Mediterranean-sea until 19.12.'95.

Following Gny-units are guarding Serbian coast: FGS KOELN (DRAU) and FGS EMDEN (DRAT). Flying forces of the Gny are operating until November/December from Lajes (AZR), Lossiemouth and Kinloss (both G). (ti47)

To abNL:

For WUN, here are some new Routing-Indicators from GAF:

RGFGBOX: HoehBehKdoLW (Hoehere Kommandobehoeerde der Luftwaffe) Koeln-Wahn

RGFGFOX: LWKdo (Luftwaffenkommando) Nord Kalkar

RGFJMX: LWKdo (Luftwaffenkommando) Sued Mestetten

Hope this info is helpful to you and all the other guys at WUN! (ti47)

WHO IS BT9P?

On July the 12. I heard an interesting message on 8980.0 khz in USB. BT9P was calling FYY47 for an immediate message. The message was: "FYY42 DE

BT9P=IMMEDIATE 121311Z=FROM ABC TO FYY47 = RESCUE 51 AND RESCUE 53 ARE OPERATING NORTH OF YOUR AREA IN SEARCH AREA 54NORTH TO 60NORTH AND 01WEST TO 04WEST. YOU ARE TO REMAIN BELOW FLIGHTLEVEL 200 UNTIL 121420Z = 1319Z"

Followed by wind-reports of several airbases of RAF in Britain (e.g. Kinloss, Lossimouth). That's one reason to believe that BT9P is a station of RAF.

Possibly it is UPAVON or PITREAVIE? Has anybody a concrete idea? (ti47)

Fleet-Broadcasts

The NATO has changed their BCST-Designators. Former G21B (GNY wilhelmshaven, DHJ59) for example changed to X21E, G21A to X21D, Y21 (Norway) to X21Y, I11C (Italy) to X11I, C23A (Canada) to X23C.

(Source: Radio operator on FGS S45 LEOPARD, c/s DRBE) (ti47)

pcG longs for the following QSL-addresses: VCT Tors Cove, HLW Seoul Radio and UFS Rostov Radio...

Some corrections by zeTC concerning unid NDBs in UTNL 9/95:

295	KU	Kullen Lt.	S	listed 294
305	MY	Cabo Mayor Lt.	E	listed 304.5
306	AL	Pointe d'Ailly Lt.	F	listed 305.5
352	RSD	Remscheid	D	listed 351
406	PNG	Palanga	BLR	listed 407
415	OL	Lynkoeping-Saab	S	listed old 267
417	AH	Aengelholm	S	listed old 268
420	HS	Halmstad	S	listed 421, ex 258.5
424.5	GMH	Germinghausen	D	listed 423
432	PK	Chrudim (99% tent)	CZE	oldies UNID/military

N E W P U B L I C A T I O N S

Rainer Brannolte/Wolf Siebel "SPEZIAL FREQUENZLISTE", Edition 1996/97 Meckenheim 1995, pp.347, DM 34,80

It's there, the new list from Siebel-Verlag in Meckenheim. The cover doesn't look too different from all the previous issues, but let's have a look on the contents.

The first chapter tells the interested reader about the legal aspects of the reception of services outside the broadcasting spectrum in Germany. Chapter 2 tells newcomers about dxing utility-stations with a normal ssb-receiver, followed by some tips for rookies (e.g. RAF WEST DRAYTON). Next is an introduction to the different categories of Utility stations in the range between 9 and 30000 khz. This is also interesting for newcomers. Illustrated by photos of receivers and a couple of QSLs it makes a real good start into the world of Ute DX.

On the following 225 pages, which form the main part, the book gives an overview over the actual situation in the Utility bands. The list is divided into 6 columns: frequency/callsign/station's name; locator, (Nation)/type of emission/transmission-speed/remarks (target areas, nets, line-no. etc.). When I compare Siebel with Klingenfuss I can say that the Siebel-list is more clearly written, I don't lose track of QRGs. The most important thing is: Siebel calls most stations by their real name. Example: RAF Upavon is not MQP. This station is always called "ARCHITECT". Or in Klingenfuss' special territory RTTY: DHJ57 is not Berlin Meteo (who has sent him that QSL?). Every DH...-callsign is used by the German Armed Forces, and all

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military meteo stuff comes from Grengel. You can find a great variety of GNY-frequencies in the list of Siebel, too. That's what I call monitoring, QSO-collecting and logs.

All in all Siebel shows that it is not impossible to offer real good lists for a real cheap price. The list is worth its 34,80DM. Get one!

(Tnx to ti47 for this review)

And with this we have to close the log for this month. Please excuse the late delivery of the paper version of the Newsletter, I'll try to do my best for a timely NL 11/95.

I still have some logs and infos which I couldn't press into this edition: abNL, zeTC, nr76 and mo76 I will use your stuff in the next NL.

Thanks to all contributors. Best of wishes to all of you!

NEWSLETTER 11/95

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Hi Gentlemen! Please excuse again the delay of the NL-delivery. I had some problems to read some of the formats you sent me with your loggings on disc or via the InterNet. I have written some remarks on that below and would like to ask you at least to read it. Thanks a lot. Here are a few loggings and infos for this month:

NON DIRECTIONAL BEACONS

286.5	1503	FT	Cap Ferret	F	id+tone	moF
288.5	1214	CT	Pointe de Combrit	F	id+tone	moF
289.5	0723	SN	Ile de Sein	F	id+tone	moF
292	1459	LK	Pointe de la Coubre	F	id+tone	moF
292.5	1141	SM	Pointe Saint Mathieu	F	id+tone	moF
293	0718	CP	Sainte Catherine's Point	G	id+tone	moF
294	2030	AT	Augusta Lt.	I	id+dash	zeTC
295.5	0729	CB	La Corbiere	G	id+tone	moF
296	2036	MG	Ljubljana	SVN	id	zeTC
297	1109	FG	Pointe de Barfleur	F	id+tone	moF
298	1213	GX	Pen Men/Ile de Groix	F	id+tone	moF
298.5	0925	RR	Round Island	G	id+tone	moF
299	1454	BN	Les Baleines	F	id+tone	moF
299.5	1010	NP	Nash Point	G	id+tone	moF
301	1145	CA	Pointe de Creach/Ouessant	F	id+tone	moF
301.5	1014	L	Torre de Hercules	E	id+tone	moF
302	0638	RB	Cherbourg	F	id+tone	moF
303	1202	YE	Vannes/Meucon	F	id+tone	moF
303.5	2047	GR	Gedser Rev Lt.	DNK	id+dash	zeTC
306	1811	EC	Elisabeth Castle, S. Helier	G	id+tone	moF
306.5	1815	GJ	Le Grand Jardin	F	id+tone	moF
306.5	2056	UT	Utsira Lt.	NOR	id+dash	zeTC
308	1844	RD	Roches Douvres	F	id+tone	moF
308.5	1224	NZ	Saint Nazaire/Saint Gildas	F	id+tone	moF
309	2101	MW	Berlin/Blankenfelde	D	id	zeTC
310.5	2108	SG	Sjaellands Rev Lt.	DNK	id+dash	zeTC
312	1209	UEH	Eckmuehl/Pte. de Penmarch	F	id+tone	moF
312.5	2304	BT	Mys Taran Lt.	KAL	id+dash	zeTC
312.5	2305	BK	Mys Baltiysk Lt.	KAL	id+dash	zeTC
314	1221	VG	Ile Vierge	F	id+tone	moF

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318	1130	BE	Bordeaux/Merignac	F	id+tone	moF
320	1608	LSU	Limoges/Bellegarde	F	id+tone	moF
321	1057	GV	Granville	F	id+tone	moF
321	1635	STM	Scilly Isles	G	id	moF
322	1605	RL	La Rochelle/Lalea	F	id+tone	moF
324	1603	LDV	Landivisiau	F	id+tone	moF
325	1628	AVS	Asturias	E	id	moF
328	1601	HIG	San Sebastian	E	id	moF
329	1624	JW	Jersey	G	id	moF
330	0758	MB	Montbeliard/Courcelles	F	id+tone	mo76
330	2050	PNO	Warsaw/Piaseczno	POL	id	zeTC
331	2315	TE	Thisted	DNK	id	zeTC
332	1559	GIF	Guiscriff/Scaer	F	id+tone	moF
332	2156	FAR	Faro	POR	id	moF
332	2317	RHI	Zurich/Rhine	SUI	id	zeTC
334	1557	YN	La Roche Sur Yon	F	id+tone	moF
334	2048	MR	Maribor	SVN	id+dash	zeTC
334	2320	FAU	Roenne/Fauna	DNK	id	zeTC
335	1114	TRL	Torraiba de Aragon	E	id	moF
335	2053	BL	Budapest/Ferihegy	HNG	id	zeTC
335	2053	RIM	Rimini/Miramare	I	id	zeTC
337	2103	EX	Exeter	G	id	moF
338	1124	GU	Brest/Guipavas	F	id+tone	moF
338	1627	RIA	Santander	E	id	moF
338	2328	TR	Trencin	SVK	id	zeTC
340	2147	N	Roenneby	S	id	zeTC
340	2326	ISA	Istrana	I	id	zeTC
341	1619	BZ	Biarritz/Bayonne/Anglet	F	id+tone	moF
341.5	2151	R	Rzeszow/Jasionka	POL	id	zeTC
342	1610	VA	Vannes/Meucon	F	id+tone	moF
342	2056	BLO	Bailovo	BUL	id+dash	zeTC
342	2156	SL	Gothenburg/Landvetter	S	id	zeTC
343	1615	OC	Cork	IRL	id+tone	moF
343	1711	YVL	Yeovil/Judwin	G	id	moF
343	2330	TGJ	Tirgu Jiu	ROU	id	zeTC
344	2200	HEK	Hekka	FNL	id	zeTC
345	1119	VTA	Vitoria	E	id	moF
345	1826	BN	Birkeland	NOR	id	zeTC
345	2159	LN	Lannion	F	id+tone	moF
346	1150	OC	Cognac/Chateaubernard	F	id+tone	moF
346	1804	LHO	Le Havre/Octeville	F	id+tone	moF
348	1158	CL	Cahors/Lalbenque	F	id+tone	moF
348	2105	TPL	Topola	YUG	id+dash	zeTC
348	2212	SVR	Sagvar	HNG	id	zeTC
349	1200	RS	Rennes/St. Jacques	F	id+tone	moF
350	1613	MUT	Muret/Lherm	F	id+tone	moF
350	2215	SK	Zagreb/Sesvetski	HRB	id	zeTC
350	2220	DWN	Devnya	BUL	id	zeTC
353	1749	SB	St. Brieuc/Armor	F	id+tone	moF
354	0757	MTZ	Metz/Nancy Lorraine	F	id+tone	mo76
355	2059	CSW	UNID	?	id	mo76
358	0707	CVU	Castres/Mazamet	F	id+tone	moF
358	1637	BRS	Biscarosse	F	id+tone	moF
359	1757	LOR	Lorient/Lann Bihoue	F	id+tone	moF
360	2112	OS	Gothenburg/Saeve	S	id	zeTC
361	1126	PT	UNID	?	id+tone	moF
361	1618	NB	Bordeaux/Merignac	F	id+tone	moF
361	1622	GRB	Guernsey	G	id	moF
363	1049	PI	Poitiers/Biard	F	id+tone	moF
363.5	2120	BRD	Brindisi/Casale	I	id	zeTC
364	0658	PU	Pau Pyrenees	F	id+tone	moF
366	2116	KM	Kalmar	S	id	zeTC
368	2025	BYC	Bueckeburg	D	id+dash	zeTC
368	2118	FN	Skien/Finndal	NOR	id	zeTC
368.5	2124	ELU	Luxembourg	LUX	id	zeTC
369	1051	GL	Nantes/Atlantique	F	id+tone	moF
370	1640	BLO	Bilbao	E	id	moF
371	1044	MLX	Morlaix/Ploujean	F	id+tone	moF

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373	0700	MP	Cherbourg/Maupertus	F	id+tone	moF
374	0702	BGC	Bergerac/Roumaniere	F	id+tone	moF
374	1047	BGC	Bergerac/Roumaniere	F	id+tone	moF
375	2200	CMA	Calamocha	E	id	moF
375.5	2110	ANC	Ancona/Falconara	I	id	zeTC
376.5	2050	ORI	Bergamo	I	id	zeTC
378	0705	TN	Toulouse/Blagnac	F	id+tone	moF
378	2036	OK	Pleshchenitsy	BLR	id+dash	zeTC
380	2040	LF	Roenneby	S	id	zeTC
380	2203	RQ	Quimper/Pluguffan	F	id+tone	moF
382	1053	CAA	Cazaux	F	id+tone	moF
382	2030	SBG	Salzburg	AUT	id	zeTC
383	2033	ERK	Erken	S	id	zeTC
384	1100	PMR	Pamiers/Les Pujols	F	id+tone	moF
384	2207	ADX	Andraitx	E	id	moF
387	1133	AV	Asturias	E	id	moF
387	2209	AV	Asturias	E	id	moF
389	0646	PX	Perigueux/Bassillac	F	id+tone	moF
389	2104	SH	Shiryayevo	UKR	id	zeTC
390	1055	DR	Dinard/Pleurtuit-St. Malo	F	id+tone	moF
390	2046	LV	Arvika	S	id	zeTC
392	2140	GDY	Mariehamn/Godby	FNL	id	zeTC
393	2140	DVA	Deva/Saulesti	ROU	id	zeTC
393	2215	BD	Bordeaux/Merignac	F	id+tone	moF
395	1132	B	Bilbao	E	id	moF
396	1059	ROC	Rochefort/St. Agnant	F	id+tone	moF
396	2146	YG	Rygge/Enge	NOR	id	zeTC
396.5	1709	PY	Plymouth/City	G	id	moF
398	1708	MT	St. Nazaire	F	id+tone	moF
398	2020	ESS	Esse	FNL	id	zeTC
398	2143	K	Arad	ROU	id	zeTC
399	2022	FM	Trollhaettan	S	id	zeTC
400	1135	STU	Strumbe	G	id	moF
400	2115	EN	Oerebro	S	id	zeTC
400.5	2010	COD	Codogno	I	id	zeTC
401	1631	LRA	La Coruna	E	id	moF
403	2120	OJ	Joenkoeping	S	id	zeTC
404	1103	AGO	Angouleme/Brie Champniers	F	id+tone	moF
405	1137	BIL	Bilbao	E	id	moF
406	0710	TW	Toulouse/Blagnac	F	id+tone	moF
407	1926	LUP	Laupheim	D	id+dash	zeTC
410	1659	C	La Coruna	E	id	moF
415	1143	TOE	Toulouse/Blagnac	F	id+tone	moF
416	1144	SA	Santander	E	id	moF
416	2008	MTA	Malta/Rinnela	MLT	id	zeTC
418	0210	ORA	Oradea	ROU	id	zeTC
418	2056	L	Tallinn/Yulemiste	EST	id	mo76
420	1147	LMT	Auch/Lamothe	F	id+tone	moF
421	0611	HS	Halmstad	S	id	hb31
421	2338	T	Linkoeping/Saab	S	id	zeTC
422	1149	PAM	Pamplona	E	id	moF
423	0410	ZO	Zitorada/Nis	YUG	id+dash	zeTC
423	1152	TS	Toulouse/Blagnac	F	id+tone	moF
423	2112	SCA	Salamanca	E	id	moF
425	0214	KE	Kosice	SVK	id	zeTC
425	0215	PI	Pii	UKR	id	zeTC
426	0430	MIQ	Ingolstadt/Mike	D	id	zeTC
426	1441	CTS	Castets	F	id+tone	moF
427	2125	AUB	Aubenas/Vals-Lanas	F	id+tone	moF
482	0759	LOU	Metz/Nancy Lorraine	F	id+tone	mo76
427	2142	FOS	Unid	?	id	hb31
427	2216	LUE	Kramfors/Lunde	S	id	hb31
428	2044	TGM	Tirgu Mures	ROU	id	zeTC
429	1739	POZ	Poznan	POL	id	zeTC
432	0218	BB	Bobrka	UKR	id	zeTC
432	2158	HNU	Hanau	D	id	zeTC
440	2340	PIA	Piacenza/St. Damiano	I	id	zeTC
440a	0224	FA	Unid	?	id+dash (8x/min)	zeTC

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445a	0230	ZG	Unid	? id (9x/min)	zeTC
447a	2020	TU	Unid	? id+dash (7x/min)	zeTC
452	2030	ANS	Ansbach	D id	zeTC
468	0420	FTZ	Fritzlar	D id	zeTC
480	0426	VIB	Viterbo	I id	zeTC
480	2147	VIB	Viterbo	I id	hb31
489.5	0206	JEL	Jelsava	SVK id	zeTC
508	0133	Z	Zilina/Hlinik	SVK id	zeTC
512	0140	CLJ	Cluj/Napoca	ROU id	zeTC
512a	0130	ND	Unid	? id (6x/min)	zeTC
517	0326	JBR	Jaszbereny	HNG id	zeTC
525	2224	CH	Chernyakhov	UKR id	zeTC
525	2224	SW	Unid	? id (4x/min)	zeTC
600	0153	KR	Krasnoborka	UKR id	zeTC
607	2254	RP	Jelsava (tent)	SVK id (8x/min)	zeTC
615	0323	OM	Platform Gorm-C	IWA id+dash	zeTC
617	0056	SV	Steblev	UKR id	zeTC
633	0059	BE	Berezhany	UKR id	zeTC
635	0058	GH	Minsk	BLR id	zeTC
640	0101	AO	Riga	LVA id	zeTC
642a	0103	WS	Unid	? id (8x/min)	zeTC
642a	0105	TP	Unid	? id (4x/min)	zeTC
652	0103	PS	Peshanka	UKR id	zeTC
713a	0115	PT	Unid	? id (2x2/min)	zeTC
715	0110	BX	Unid	? id (8x/min) Odessa?	zeTC
733	2103	KW	Kiev (tent.)	UKR id (4x/min)	zeTC

M A R I T I M E

435.5	2143	SAA	Karlskrona R.	S cw-de	zeTC
436	2050	FFM	Marseille R.	F cw-cq	zeTC
444.5	0645	PCH	Scheveningen R.	HOL cw-cq	hb31
448.5	2049	LGT	Rogaland R.	NOR cw-cq	zeTC
511	0304	SPH	Gdynia R.	POL cw-cq	zeTC
523	0301	LYK	Klaipeda R.	LVA cw-cq	zeTC
1925	1010	GKZ	Humber Radio	G Phone patch	abn1
2182	0923		Skegness Lifeboat	IWA clg Yarmouth CG	hb31
2182	0935	PIBE	MV Triumph	IWA wkg Niton R.	hb31
2182	1007		MV Maersk Vinlander	IWA r/c with Aberdeen CG	hb31
2182	1011		Rhinns of Islay Lighthouse,	G r/c w/Malin Head R.	hb31
2182	1026		Fleetwood Lifeboat	IWA r/c wkg Holyhead CG	hb31
2182	1047		Stromness Lifeboat	IWA r/c wkg Wick R.	hb31
2182	2310		Stonehaven Radio	G ann tfc list	abn1
2182	2310	FBB	Boulogne Radio	F ann tfc list	abn1
2182	2310	LGB	Lynby Radio	NOR ann tfc list	abn1
2182	0226	LAES	NOR CG vessel Volstad Jr	INT clg Fr Daniel (FNGN)	abn1
2182	2310	OLX	Blaavand Radio	DNK ann tfc list	abn1
2428	0000	MKL	RAF Pitraevie	G CW Wx	abn1
2460	0002	UDH	Riga Radio	LVA CW mrker	abn1
2635	2238	LFO	Orlandet Radio	NOR Tfc list	abn1
2643.5	2003	SPS	Witowo Radio	POL CW marker	abn1
2702	0035		Royal Navy Coastal Control	G USB w/GP. QSY to 2085	abn1
2702	2320		UKMACCS (Royal Navy)	G USB Clg RMAS Fulbeck	abn1
2839	0620	50	Unid D Navy or CG vessel	NT w/CG ves BG22 Neustrelitz	abn1
3215	2017	LYL	Klaipede Radio	LTU USB w/unid vessel	abn1
6335	0633	IGJ43	I Ny Augusta	I cw-vvv	hb31
8541	1456	LYL	Klaipeda Radio	LTU CW marker	abn1
8557	1444	SPE 41	Szczecin Radio	POL CW QSX	abn1
8574	1443	LGO	Rogaland Radio	NOR CW CQ marker	abn1
8598	1459	OXZ 4	Lynby Radio	DNK CW Tfc list	abn1
8650	1500	ESA	Tallinn Radio	EST CW marker	abn1
8700	1440	9AR	Rijeka Radio	HRV CW VVV marker	abn1
8746	1435	SPO 41	Szczecin Radio	POL USB Tfc list	abn1
12659	1536	LZW 5	Varna Radio	BUL CW marker	abn1
12682.5	1235	PKF	Ujung Pandang R.	INS cw-cq	hb31
12695.5	1530	UWS	Kiyev R	UKR CW cq mkr + wkg ships	pcG
12695.5	1610	KFS	San Francisco R	USA CW cq mkr	pcG
12698	1625	ZSC9	Capetown R	AFS CW cq mkr	pcG
22563.5	1242	9AR	Rijeka Radio	HRV CW VVV marker	abn1

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A E R O N A U T I C A L

4742	0000	Architect	G USB w/Ascot 1685 at 09.13	abn1
4742	0716	Architect	G USB w/Ascot 5154	abn1
4742	1000	Architect	G w/SYS 1, a Gazelle heli from Shewsbury	abn1
4742	2214	3EP	3EP G USB w/4FI.Msg CITROEN 511	abn1
5601	2303	Ezeiza Volmet	ARG S wx	hb31
5680	0718	Stavanger Rescue	NOR Clg Sweden Air Rescue	abn1
5680	0740	Swedish Air Force Lulea	S USB w/Rescue U93	abn1
5680	0912	Edinburgh Rescue	G USB w/RAF heli VLL91. Radio check	abn1
5680	1114	Plymouth Rescue	G USB w/ODM 93, Chinook heli frm Odiham	abn1
5680	1332	Edinburgh Rescue	G USB Air Force 240	abn1
6586	1836	Ouagadougou Air	BKF E wkg Accra	hb31
6712	1624	Croughton GHFS	G USB w/Reach 60194	abn1
6739	2238	Ascension GHFS	ASC USB w/Tiger	abn1
6739	2308	Thule GHFS	GRL USB EAMS	abn1
11175	1325	Incirlik	TUR w/Reach 105-CN wx for LHTL	abn1
11175	1326	Pious 93	AIR w/Croughton.QSY to 17976	abn1
11175	1414	Incirlik GHFS	TUR USB w/Padle 20 with a pp	abn1
11175	1829	Croughton	G w/Reach 103-CN pp to Hilda	abn1
11175	1835	Boxer 69	G USB clg Mainsail. No joy	abn1
11175	1842	Croughton	G USB w/Reach 143-ZZ	abn1
11175	1913	Ascension GHFS	ASC USB w/UN 833	abn1
11175	1923	Incirlik	TUR USB w/Evac 10G3	abn1
11175	1929	Croughton	G USB w/Reach 156-ZZ	abn1
11175	1935	Croughton GHFS	G USB w/Reach 106EV	abn1
11175	2328	Andrews GHFS	USA USB w/Ambush 57	abn1
17976	1326	Pious 93	AIR w/Croughton QSY from 11175	abn1

F I X E D B A N D S

41a	1005	Unid	? cw-letter & figure groups	hb31	
120	0650	SXA	GRC Ny Athens	GRC CW-vvv	hb31
3566	2240	T2XL	Unid Russian military	RUS CW 5L groups	abn1
3768	1954	FDC	French Air Force Metz	F CW VVV marker // 3833	abn1
3831	2300	G5TN	Unid Russian military	RUS CW w/PVND. 5L groups	abn1
3833	1952	FDC	French Air Force Metz	F CW VVV marker // 3768 khz	abn1
3833	2240	FDC	Metz FAF	F CW v mkr	pcG
3886	0905	AEM1BJR	UNID MARS	D E wkg AEM1WF	hb31
4326	2315	R	Channelmarker	RUS CW	abn1
4602	2323	NJDK	Unid military	? CW 5L groups	abn1
6873.5	2354	ICS	Italian Navy La Spezia, I	USB w/mv Sandalo (IHLY)+75	abn1
10320	0755		Unid Russian	? USB/LSB Short msgs AForce?	abn1
14890	0800		Russian Man numbers station	RUS AM Msg to 615	abn1

D I G I T A L

2085	0037		Royal Navy Coastal Control	G Encrypted+rcheck 75	abn1
2461.5	2240	0A	Navy Dublin	IRL Routine msgs SIT-A 100	abn1
2461.5	2354	99	Irish navy	INT Routine msgs SIT-A 100	abn1
2474	0001	PBC	Dutch Navy Goeree	HOL Availability msgs	75 abn1
2789.5	2000	FUE	French Navy Brest	F Test tape	75 abn1
2840.7	0454	DLVL	D CG customs launch Hohwach	INT w/CG Cuxh SIT-A 100	abn1
2840.7	0533	DBQR	D police vessel Niedersachsen 4	w/Cuxhaven SIT-A 100	abn1
2840.7	0630		D CG Cuxhaven D Briefing to all vessels	SIT-A 100	abn1
2840.7	0642	DLVZ	D CG customs launch Bremerhaven	w/CG Cuxh SIT-A 100	abn1
2840.7	0652	DBVH	D CG customs launch Emden	w/Cuxhaven CG.SIT-A 100	abn1
2840.7	1520		D CG Neustadt D w/BG22 Neustrelitz (DBIF)		abn1
2840.7	1550	DBIF	D CG patrol boat Neustrelitz	w/BG21 Bredstedt DLGZ)	SIT abn1
2840.7	1801	DLVD	D CG customs launch Kniepsand	w/CG Cuxhaven SIT-A 100	abn1
2840.7	1915	DBPG	D CG oil recovery ship Mellum	w/CG Cuxhaven SIT-A 100	abn1
2840.7	1932	DLVF	D CG customs launch Glueckstadt	w/Cuxhaven SIT-A 100	abn1
2840.7	1958	DLVY	D CG customs launch Hamburg	w/CG Cuxhaven SIT-A 100	abn1
2840.7	2050	DGOQ	D CG oil recovery ship Scharhoern	w/CG Cuxh SIT-A 100	abn1
2840.7	2104	DLGZ	D CG patrol boat BG21 Bredstedt	w/CG Cuxh.SIT-A 100	abn1
2840.7	2156	DLVB	D CG customs launch Schleswig-Holstein	wCuxh SIT-A100	abn1
2845	0023	PBB	Dutch Navy Den Helder	HOL Availability msgs	75 abn1
2892.5	0024	MTO	Navy Rosyth	G Availability msgs	75 abn1
3282.2	2340	CSP	Lisboa? Port pol?	POR SITOR/A/B motor veh msgs	pcG
3451.5	2115	0A	Irish navy Dublin	IRL w/PT21 and 75 SIT-A 100	abn1

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3451.5	2222	21	Irish navy vessel	INT	w/OA Dublin	SIT-A	100	abn1
3451.5	2234	54	Irish navy vessel	INT	w/OA Dublin	SIT-A	100	abn1
3451.5	2256	54	Irish navy vessel	INT	w/WQ after selcall	XVVX		abn1
3451.5	2308	87	Irish navy vessel	INT	w/21 after selcall	XVVX		abn1
4168	2340		Unid	?	RY's + encrypted tfc		75	abn1
4246	2337		Royal Navy	G	Fleet Broadcasts		100	abn1
4492	1829		Italian army Torino	I	Encrypted msgs		50	abn1
4601.5	2143	PT97	Irish navy	INT	w/OA Dublin		50	abn1
4601.5	2220	0A	Irish navy Dublin	IRL	CQ CQ CQ de OA	SIT-B	50	abn1
5070.5	1300		AUT Emb Belgrade	SRB	Zirkular msg Wien	SI-ARQ		abn1
5083	1259	DHJ 51	Grenge1 Meteo	D	Metars		100	abn1
5277	1500	MKK	London DCN	G	PICC/6 "muh07 de mkk"			pcG
6323	1250	SAB	Goteborg Radio	S	Clg ZSTX	SIT-A	100	abn1
6336	1254	GYA	Navy London	G	Availability msgs		75	abn1
6336.3	1556	MTO	Navy Rosyth	G	Availability msgs		75	abn1
6435	1256		Royal navy	G	Fleet broadcasts		100	abn1
6497	2330	CFH	CF Halifax	CAN	Weather		75	abn1
6901.7	2330	??	?? UNID	?	ARQE3/192/400 "CTJI"			pcG
6908	1135	??	?? UNID	?	PICC/12 cont crypto			pcG
6936.7	0930	RFLI	Fort de France	MRT	ARQE3/192 "LIJ" to C.Vert			pcG
6937	1140	S----	Pol MFA ?	?	POL-ARQ/100/250 msg			pcG
6945	1130	??	?? UNID	?	ARQE/192/170 idle all day			pcG
6984	1155	SNN299	Warsaw MFA	POL	POL/ARQ/100/250 idle/msgs			pcG
6997.5	1030	HBC88	Geneva ICRC	SUI	PACTOR/I msgs to ZAG&SAR			pcG
6997.5	1050	ZAG	Zagreb ICRC	HRV	PACTOR/I qsl to VER			pcG
6997.5	1120	SAR	Sarajevo ICRC	HRV	PACTOR/I ff msg to Geneva			pcG
8381	1803	YLBM	mv Tavala	INT	Clg Riga R	SIT-A	100	abn1
8399	1834	C6BP 9	mv Forest Hills	INT	Msg to CTGM Lausanne	SIT-A		abn1
8400	1828	USJZ	mv Sergej wasilinin	INT	Tfc		50	abn1
8400.5	1832		mv THP Smorodin	INT	Tfc		50	abn1
8403	1818	UWRH	Unid vessel	INT	Msg to Kaliningrad R		50	abn1
8420	1601	FFT 41	St Lys Radio	F	Tfc list	SIT B	100	abn1
8432	1602	UAT	Moscow Radio	RUS	Tfc list	SIT B	100	abn1
8494	1447		Royal Navy	G	Fleet broadcasts		100	abn1
8540	1610	USU	Mariupol Radio	UKR	Tfc		50	abn1
8549	1608	UCE	Arkhangelsk Radio	RUS	Tfc	SIT-A	100	abn1
8607	1606	USU	Mariupol Radio	UKR	Tfc		50	abn1
8650	1500	SPB 43	Sczcecin Radio	POL	Tfc list	SIT-A	100	abn1
8672.8	1442	MTO	Royal Navy Rosyth	G	Availability msgs		75	abn1
9166.4	1230	HBD20	Berne MFA	SUI	SITOR/A/170 long 5lgs			pcG
9179	1400	HBD20	Berne MFA	SUI	SITOR/A 5lgs			pcG
10314	1135		POL Emb Belgrade	SRB	w/MFA Warsaw	POL-ARQ	100	abn1
12229	1539	BZR 62	Xinhua Beijing	CHN	Sportsnx in English			abn1
12256.4	1300		Algiers MFA	ALG	COQ/8 FF Dip msgs to Paris			pcG
12615	1533	USU	Mariupol Radio	UKR	Msg to UYCF	SIT-A	100	abn1
13336.7	1330		Cairo MFA	EGY	SITOR/A AA msgs			pcG
13366.5	1358	5YD	Nairobi AERO	KEN	ITA2/50/400			pcG
13428.4	1405		Algiers MFA	ALG	COQ/8 FF news msg MFA?			pcG
13473	1200	GYU	Gibraltar DCN	GIB	VFT/340/8ch usual mixture			pcG
13530	1415	RVW53	Moscow Meteo	RUS	ITA2/50/850 met msgs			pcG
14573	1428		Tripoli JANA	LBY	ITA2/50/400 AA news			pcG
14621.7	1315		Cairo MFA	EGY	SITOR/A AA news			pcG
16087.7	1445	RFVI	Le Port	REU	ARQE3/100 "REI" to Paris			pcG
16125.2	1450	RFQP	Jibuti	DJI	ARQ342/200 2ch "QPA/QPB"			pcG
16143.7	1455	RFLI	Fort de France	MRT	ARQE3/192 "BFL" to Paris			pcG
16193.2	1435	RFQP	Jibuti	DJI	ARQ342/200/2ch "QRG/QPF"			pcG
16261.7	1520	RFTJD	Libreville??	GAB?	ARQE3/192 "HAI" to Paris			pcG
17432	1430	DZFG	Belgrade MFA	SRB	ITA2/75/400 "dzfg qtc ry"			pcG
17551	1425	RFTJ	Cap Vert	SEN	ARQE3/192 "AFL" to Paris			pcG
18300	1145	OMZ	MFA Prague	CZE	News		100	abn1
18319	1021	OMZ	MFA Prague	CZE	News		100	abn1
18388.6	1305	5AF	Tripoli Aero	LBY	ITA2/50/400 "qjh hlltyf"			pcG
20085	1210	ISX 20	ANSA Roma	I	News		50	abn1
20950	1214		Unid	?	Encrypted tfc	ARQ-E	192	abn1

De pcG

BAND SURVEY OCTOBER/NOVEMBER 1995
DATA MODES 7000 - 7999 KHZ

De pcG

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FREQ	HR	DT	MO	MODE	BD	SH	REMARKS
7302.00		DAILY/11		??/100/850			Cont. synch.
7311.00	0920/12/11			ITA2/50/400			FDY Orleans FAF voyez le brick..test
7321.50	1045/03/11			ITA2/50/400			FDY Orleans FAF voyez le brick..test
7365.50	0922/12/11			ITA2/50/400			FDY Orleans FAF voyez le brick..test
7407.00	1320/23/10			??/75/850			Cont. synch.
7420.00	1330/23/10			ITA2/75/850			GYU Gibraltar test tape foxes/ry
7421.36	1400/23/10			COQUELET/8			Algiers Customs, FF msgs
7455.00	0830/24/10			??/50/850			Cont. synch.
7456.70	2130/29/10			ARQE3/192/400			RFTJ Cap Vert(Dakar) "AFL" to Paris
7470.51	1210/24/10			PICCOLO/12			UK?? s/ch crypto.
7480.00	0835/24/10			40.4/500			Russia 81/81 system
7510.00	0825/24/10			??/75/850			Cont. synch.
7515.80	1219/24/10			81.0/275			Russia 81/81 system
7517.20	1525/14/11			ARQE/46.2/170			?? idle
7524.00	2255/23/10			ARQ342/96/400/2ch			TYE Cotonou ASECNA ch/A "UNA" + wx msgs + " ch de tye" ch/B wx msgs + "ch de tye"
7554.62	DAILY/10			??/100/850			Cont. synch.
7564.50	1730/23/10			ITA2/50/400			YIX-- Baghdad INA AA news
7580.00	1900/23/10			ITA2/50/400			VVD57 Delhi Meteo msgs
7586.00	2130/23/10			ARQE/96/400			Dzaoudzi, Mayotte "TTT" to Le Port
7606.70	0900/15/11			ARQE3/192/400			RFF- Paris "LFA" to C.Vert(Dakar)
7614.00	DAILY/10			ARQE/192/170			RFFH Marseille "EHR" to Ajaccio
7625.00	0845/24/10			??/100/400			Cont. synch.
7635.00	0847/24/10			??/100/500			Cont. synch.
7642.70	0855/24/10			ARQ342/200/400/2ch			RFF-- Paris "FDXA/FDXB" to Sarajevo
7646.00	0857/24/10			ITA2/50/400			DDH7 Hamburg Meteo
7658.00	1000/24/10			ITA2/50/400			YZI223 Belgrade TANJUG EE news
7680.00	1230/24/10			VFT/8ch/340			GXQ London DCN foxes on some chls
7685.00	1400/26/10			ITA2/50/850			RBV75 Moscow Meteo
7706.50	0930/12/11			??/100/850			Cont. synch.
7710.00	1005/03/11			VFT/8ch/340			MKK London DCN foxes on several chs
7752.00	1003/03/11			CW			FDC Metz FAF v mkr
7770.00	DAILY/11			VFT/8ch/340			GYU Gibraltar DCN Noted as follows:- Ch1 o/w idle/M: Ch2 75bd sync: Ch3 idle/S: Ch4 75bd sync: Ch5 idle/M: Ch6 ARQ342/2ch/96bd: Ch7 ARQ342/2ch/96: Ch8 idle/S
7784.00	2345/11/11			ITA2/75/850			Cont met - Croughton?
7806.00	2150/24/10			ITA2/50/400			YZI225 Belgrade TANJUG EE news
7813.00	1200/01/11			PICC/6			GYU Gibraltar 3ch + op chat ch1
7831.00	2320/11/11			PICC/6			?? 2ch idle/crypto
7834.50	1000/03/11			CW			FDC Metz FAF v mkr
7840.00	DAILY/10			ARQE/72/400			?? FF forces? always idle/often unsynch.
7855.00	1925/27/10			ITA2/50/400			ROK24 Moscow cont. Meteo
7863.50	1745/26/10			SITOR/A/170			SPW Warsaw tfc to ships
7896.70	0845/07/11			ARQE3/96/400			RFLI Fort de France "LIH" to Papeete
7898.00	DAILY/10			ARQE/72/85			GGVHF Bonn msg "zczc 001 GGVHF 301632" crypto, hrd signing on/off to Mostar but mostly idle - where is Mostar/HFVGG?
7898.00	1400/02/11			CW			OMZ Prague MFA - manual tfc
7916.00	1720/27/10			FEC/A/96/400			D---?? DPA GG news
7917.00	0900/14/12			CW			FDC Metz FAF v mkr
7946.00	1930/27/10			ARQE/96/400			RFVI? Le Port "ITT" relay to Mayotte
7958.00	0910/12/11			ITA2/75/400			OMZ Prague MFA crypto and CW i/d
7960.00	0910/14/12			??/200/500			Cont. synch.
7966.00	2200/27/10			ARQE/72/400			Idle
7980.00	0914/14/11			81.0/255			81/81 system
7990.00	0915/12/11			??/200/500			cont. synch.
7994.20	2121/05/11			ARQE3/200/400			Idle.."ZCZCFK4/0.." poor copy

FRENCH DOMESTIC(MILITARY) OCTOBER/NOVEMBER 1995
ARQE/72/400 UNLESS STATED

FREQ	CID	RID	DATES	REMARKS
3606	-	-	NIGHTS	ARQE/192/170 idle night freq ehr/ehq?
3870	UAF	UFA	08/11	ry test for few hours - evening
5129	-	-	11/10	idle

				UTNL1995	
5130	-	-	07/11	idle	no tfc
5317	-	-	11/10	idle	
	UFC	UCF	07/11	idle	test msg
5732.5	-	-	DAILY	idle	no tfc
5862.5	-	-	DAILY	idle	no tfc
6976	EHQ	EHR	DAILY	ARQE/192/170	Marseille-Ajaccio - idle
6980	UAF	UFA	07-09/11	idle	09/11 "rffedfa de souge" zic/zid
7614	EHR	EHQ	DAILY	ARQE/192/170	Ajaccio-Marseille - idle
7840	-	-	26/10	idle	- unsync.

Q S L - R E V I E W

AUS-Navy Darwin	36	L/IRC	8512.7	VHI	10kw	js33
BEL-NDB Oostende	7	PPC/ f/up	312	"OE"		nr76
CAN-NDB Cranbrook, BC	19	PPC/RP	242	"XC"		hbCAN
CAN-NDB Edmonton, AB	17	PPC/RP	266	"XD"		hbCAN
CAN-NDB Red Deer, AB	46	PPC/RP	320	"YQF"		hbCAN
CHL-Navy Antofagasta	155	P,L,PPC/\$ f/up	8461.5	CBA	1kw	js33
CLM-Barranquilla Air	15	L, QSL-sheet/	6532			nr76
CZE-NDB Brno/Turany	36	ppc via centr	368	"BNO"		mo94
CZE-NDB Dobransy	36	ppc via centr	822	"DR"		mo94
CZE-NDB Kunovice	36	ppc via centr	434	"KNE"		mo94
CZE-NDB Podhorany	36	ppc via centr	345	"CF"		mo76
CZE-NDB Prague/Ruzyne	36	ppc via centr	307	"PG"		mo94
CZE-NDB Prague/Ruzyne	36	ppc via centr	356	"PR"		mo76
CZE-NDB Prague/Ruzyne/Nebusice	36	ppc via centr	407	"N"		mo94
CZE-NDB Prerov	36	ppc via centr	440	"CK"		mo94
CZE-NDB Tyn nad Vltavou	36	ppc via centr	625.5	"U"		mo76
CZE-NDB Vodochody	36	ppc via centr	416	"V"		mo76
CZE-NDB Zatec	36	ppc via centr	292	"MR"		mo76
D -Danube Ship Klosterneuburg	106	PPC/RP	4000	posn Rhine		hb31
D -NDB Fassber	7	PPC/ via centr	284	"FSB"		nr76
D -NDB Grafenwoehr	7	PPC/ via centr	405	"GRW"		nr76
D -NDB Heringsdorf	86	ppc direct	330	"HC"	8w	mo23
D -NDB Hessisch Lichtenau	20	PPC/RP	341	"LAU"		hb31
D -NDB Lima	7	PPC/ via centr	311	"LMA"		nr76
D -NDB Wustrow Lt.	10	P,ph/SASE	314	"WU"	70w	js33
DNK-NDB Skagen Lt.	28	PPC,I/ direct	298.5	"SW"		nr76
DNK-NDB Thisted	7	PPC/	331	"TE"		nr76
DNK-NDB Thisted	9	PPC,VC,I,L/IRC,VC	331	"TE"	200w	zeTC
E -NDB Asturias	15	ppc,I direct	325	"AVS"	200w	moFE
E -NDB Asturias	15	ppc,I direct	387	"AV"	50w	moF
E -NDB Asturias	84	C,NDB-Map via centr	325	"AVS"		nr76
E -NDB Asturias	84	C,NDB-Map via centr	387	"AV"		nr76
E -NDB Cabo Finisterre	Lt. 14	PPC via centr	288.5	"FI"		nr76
E -NDB Pamplona	84	C,NDB-Map via centr	422	"PAM"		nr76
E -Palma R.	14	L,PPC,I	2182			nr76
EST-NDB Ristna Lt.	21	PPC/ via centr	306.5	"RS"		nr76
EST-NDB Viljandi	28	P,map/\$	898	"EWZ" (QY405)		js33
EST-NDB Vyhma	28	P,map/\$	930	"SW" (QY411)		js33
F -NDB Angouleme/Brie Champniers	5	ppc	404	"AGO"	25w	moF
F -NDB Aubenas/Vals-Lanas	5	ppc	427	"AUB"		moF
F -NDB Auch/Lamothe	29	ppc direct	420	"LMT"		moF
F -NDB Biarritz/Bayonne/Anglet	14	ppc	341	"BZ"	25w	moF
F -NDB Bordeaux/Merignac	14	ppc direct	318	"BE"	25w	moF
F -NDB Bordeaux/Merignac	14	ppc direct	361	"NB"	25w	moF
F -NDB Bordeaux/Merignac	14	ppc direct	393	"BD"	25w	moF
F -NDB Brest/Guipavas	10	ppc,I	338	"GU"	25w	moF
F -NDB Bordeaux/Merignac	14	PPC/	318	"BE"		nr76
F -NDB Cahors/Lalbenque	7	PPC,L/	348	"CL"		nr76
F -NDB Cahors/Lalbenque	12	ppc	348	"CL"	25w	moF
F -NDB Cap Ferret	10	L,ppc,VC,I	286.5	"FT"	50w	moF
F -NDB Castres/Mazamet	8	ppc direct	358	"CVU"	25w	moF
F -NDB Cherbourg	14	L,ppc,I	302	"RB"	25w	moF
F -NDB Cherbourg/Maupertus	36	ppc direct	373	"MP"	50w	moF
F -NDB Cognac/Chateaubernard	17	ppc	346	"OC"		moF
F -NDB Dinard/Pleurtuit-St. Malo	3	ppc	390	"DR"	50w	moF
F -NDB Etain/Rouvres	7	PPC,L in German	410	"ETN"		nr76
F -NDB Ile de sein	5	ppc	289.5	"SN"	500w	moF

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F	-NDB Ile de Yeu	12	L,ppc	303	"YE"	100w	moF
F	-NDB Landivisiau	14	L,ppc	324	"LDV"	100w	moF
F	-NDB Lannion	6	ppc,I	345	"LN"	25w	moF
F	-NDB Lanveoc/Poulmic	11	ppc	428	"BST"	100w	mo
F	-NDB Le Grand Jardin	21	ppc	306.5	"GJ"	25w	moF
F	-NDB Les Baleines	18	ppc,VC	299	"BN"	200w	moF
F	-NDB Limoges/Bellegarde	8	ppc	320	"LSU"	25w	moF
F	-NDB Lorient/Lann Bihoue	11	ppc	359	"LOR"	100w	moF
F	-NDB Montbeliard	70	PPC,Sti,bus-cd,stamp	330	"MB"		nr76
F	-NDB Morlaix/Ploujean	6	L,ppc	371	"MLX"		moF
F	-NDB Muret/Lherm	5	ppc	350	"MUT"	22w	moF
F	-NDB Nantes/Atlantique	9	ppc	369	"GL"	20w	moF
F	-NDB Pamiers/Les Pujols	12	ppc	384	"PMR"	25w	moF
F	-NDB Pau Pyrenees	13	ppc	364	"PU"		moF
F	-NDB Poitiers/Biard	6	ppc	363	"PI"	25w	moF
F	-NDB Quimper/Pluguffan	7	ppc	380	"RQ"	25w	moF
F	-NDB Rochefort/St. Agnant	20	ppc	396	"ROC"	25w	moF
F	-NDB Roches Douvres	3	ppc,I	308	"RD"	50w	moF
F	-NDB Rodez/Mercillac	14	PPC,VC/	302	"ROM"		nr76
F	-NDB Saint Nazaire/St. Gildas	22	ppc	308.5	"NZ"	8w	moF
F	-NDB Saumur	7	PPC/	372	"SR"		nr76
F	-NDB St. Briec/Armor	7	PPC/	353	"SB"		nr76
F	-NDB St. Mathieu Lt.	7	PPC/	292	"SM"		nr76
F	-NDB St. Nazaire	5	ppc	398	"MT"	25w	moF
F	-NDB Toulouse/Blagnac	5	ppc	378	"TN"	25w	moF
F	-NDB Toulouse/Blagnac	5	ppc	406	"TW"	25w	moF
F	-NDB Toulouse/Blagnac	5	ppc	423	"TS"	25w	moF
F	-NDB Toulouse/Blagnac	7	PPC/	378	"TN"		nr76
F	-NDB Vannes/Meucon	23	ppc	342	"VA"		moF
FNL	-NDB Kruunupyy/Esse	21	PPC,Sti's/IRC,VC	398	"ESS"	150w	zeTC
G	-Heli Rescue 123	5	L,PPC/RP	5680			hb31
G	-Heli Rescue 129	18	PPC,L,S/RP	5680			hb31
G	-MV Grampian Freedom	222	P,ph/SASE	2182	GVHR	3kw	js33
G	-NDB Chiltern	14	PPC via centr	277	"CHT"		nr76
G	-NDB Guernsey	17	ppc	361	"GRB"	100w	moF
G	-NDB Islay	70	PPC direct	395	"LAY"		nr76
G	-NDB Scilly Isles	27	ppc	321	"STM"		moF
G	-NDB Yeovil/Judwin	21	L,ppc	343	"YVL"		moF
G	-RAF High Wycombe	8	L,PPC/RP	9032	Architect		hb31
G	-Stornoway CGR.	28	PPC,L,I	2182			nr76
G	-Supply vessel OIL Transp	37	L,p/SASE	2182	MSPH9		js33
G	-Weymouth Lb Tony Vandervell	35	P/SASE f/up	2182	2GSA	400w	js33
GRC	-Aero Ioannina	44	PC/IRC	5637	LGIO	100w	js33
GRC	-Aero Kozani	18	P/IRC	5637	LGZA	100w	js33
GRC	-Milos Air	42	PPC,VC	5637			nr76
GRC	-Rhodes-Diagoras Air	28	PPC many details	5637			nr76
GRC	-Santorini Air	42	PPC	5637			nr76
HOL	-HNLMS Bloys van Treslong	24	P/-	2182			js33
HOL	-NDB Eindhoven	21	PPC,I,Bus-C	316	"PH"		nr76
I	-NDB Capo Ferro Lt.	21	PPC,CB-C,L	291	"CF"		nr76
I	-NDB Elba	10	PPC direct	360	"ELB"		nr76
I	-NDB Parma	14	PPC	306	"PAR"		nr76
IWA	-Ferry Espresso Venezia	23	L,PPC,I/RP	2182	IBVO		hb31
IWA	-GNY Submarine U-29	122	PPC,SASE	10192.5	DRDW		js33
IWA	-GNY Supply vessel Nienburg	22	P,L much I	10192.5	DRKF	1kw	js33
IWA	-Grampian Hunter	170	PPC/SASE	2182	MPPH5		js33
IWA	-HMS Beagle	18	L,PPC,I/RP	2182	GXBH		hb31
IWA	-NDB Gorm-C	13	PPC,L,VC,I/IRC back	615	"OM"	100w	zeTC
IWA	-NDB Heather A	22	P,I/SASE	330.5	"HR"		js33
IWA	-NDB Unioil Heather A	32	ppc	330.5	"HR"	125w	mo76
IWA	-Peterhead Lifeboat	42	PPC,L/RP	2182			hb31
IWA	-Troon Lifeboat	17	C,PPC,L/RP	2182			hb31
KOR	-Seoul R.	21	L,sked	12712	HLW3		nr76
NOR	-NDB Uthaug	10	PPC direct	366	"UTH"		nr76
NOR	-NTA Oslo	14	L	7870/10407	LN2A		nr76
POL	-NDB Katowice/Pyrzowice	10	PPC	285	"PT"	1kw	nr76
POL	-NDB Warsaw	28	PPC	375	"AY"		nr76
ROM	-Danube Ship Greifenstein	60	PPC/RP	4000posn	Danube	ROU	hb31

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S	-Gotland Rescue/Tingstaede	R. 19	PPC/RP	5680	SAE	hb31
S	-NDB Gaevle/Sandviken	22	ppc via centr	417	"R"	mo76
S	-NDB Halloe Lt.	14	PPC via centr	290.5	"LL"	nr76
S	-NDB Joenkoeping	22	ppc via centr	403	"OJ"	100w mo76
S	-NDB Karlskoga	22	ppc via centr	326	"KK"	100w mo76
S	-NDB Karlstad	14	PPC via centr	322	"OH"	nr76
S	-NDB Linkoeping/Malmen	22	ppc via centr	285	"LC"	100w mo76
S	-NDB Linkoeping/Saab	22	ppc via centr	415	"OL"	100w mo76
S	-NDB Linkoeping/Saab	22	ppc via centr	421	"T"	100w mo76
S	-NDB Norrkoeping/Kungsangen	22	ppc via centr	377	"KN"	100w mo76
S	-NDB Ornskoldsvik	22	ppc via centr	369	"OO"	100w mo76
S	-NDB Oskarshamn	22	ppc via centr	325	"DH"	100w mo76
S	-NDB Vaexjoe	43	PPC,I/IRC,VC	349	"JX"	100w zeTC
S	-NDB Vaggeryd	22	ppc via centr	356	"BCO"	100w mo76
S	-NDB Vargarda	22	ppc via centr	415	"VG"	100w mo76
S	-NDB Vilhelmina	22	ppc via centr	328	"DK"	mo23
SUI-NDB	Berne/BeIp	36	PPC/IRC,VC	366.5	"BER"	200w zeTC
USA-MARS	Republic, WA	14	Ham-C,S/RP	14441.5	NNNOUTO	hb31

A D D R E S S E S & V E R I E S I G N E R S

Barranquilla Air: Ing. Hernando Galvis Lopez, Jefe Division Soporte Tecnico, Oficina 306 - Aerocivil, Aeropuerto Ernesto Cortissoz, Barranquilla, Colombia (nr76)

NDB Skagen Lt. "SW": V/s Flemming Priis Rasmussen (nr76)

3e Regiment d'Helicopteres de Combat, Le Chef du Peloton Controle, Base d'Etain-Rouvres, F55400 Etain, France (nr76)

NDB St. Briec "SB": Ministere des Transports, Direction de l'Aviation Civile Ouest, Aeroport de St. Briec-Armor, F-22400 Tremuson, France (nr76)

NDB Saumur "SR": Aerodrome de Saumur, Route de Marson, F-49400 Saumur, France (nr76)

Milos Air: George Sgouros, Milos Airport, GR-84800 Milos, Greece (nr76)

Rhodes-Diagoras Air: Kratikos Aerolimenas Diagoras, GR-85106 Rhodos, Greece (nr76)

Santorini Air: Kratikos Aerolimenas Santorinis, GR-84700 Santorini, Greece (nr76)

NDB Capo Ferro Lt. "CF": Il Reggente F.C.G., Franco Cuccureddu via CB-Station Il Guardiano, Op. Franco, P.O.Box 30, I-27020 Porto Cervo (SS), Italy (nr76)

NDB Parma "PAR": via Aero Club G.Bolla, Parma, Italy (nr76)

NDB Eindhoven "PH": Mr. Ronald M. Schnitker, Development and Legal Affairs, N.V. Vliegveld Welschap, Luchthavenweg 15, NL-5647 EA Eindhoven, The Netherlands (nr76)

NDB Warsaw "AY": V/s Tadeusz Pawlowski, Kierownik, Dzialu Radionawigacij (nr76)

NDB Heringsdorf: Flughafen Heringsdorf GmbH, 17419 Zirchow/Flughafen, Germany (mo76)

NDBs Asturias: Aena, Aeropuerto de Asturias, Apartado de Correos 144, E-33400 Aviles-Asturias, Spain (mo76)

NDB Dinard/Pleurtuit-St. Malo: Aeroport de Dinard Pleurtuit - St. Malo, F-35730 Pleurtuit (mo76)

NDB Pamiers/Les Pujols: Aerodrome de Pamiers Les Pujols, F-09100 Les Pujols (mo76)

NDB Vannes/Meucon: Aerodrome de Vannes-Meucon, F-56250 Monterblanc (mo76)

NDB Scilly Isles: St. Mary's Airport, St. Mary's, Isles of Scilly TR21 0LW

mo76)

NDB Yeovil/Judwin: Air Traffic Control, Box 282, Westland Helicopters Limited, Yeovil, Somerset BA20 2YB (mo76)

One from the "blacklist department":

nr76 got a letter from the Veriesigner of TCH-NDB-QSLs, Milan Cvrkal, Air Navigation Services of the Czech Republic, Prague. It reads as follows: "(...) Unfortunately I have to regret that I was strictly prohibited to offer similar information about our airnav equipment more as it is not my job. That's why I am sending you your letter back in return with request to inform any other similar enthusiasts about. I will not answer to anybody who will come to me with a.m. request (...)."

Seems that poor Milan is under heavy pressure by his superiors. Let's help the chap to stay in his job by not sending reports anymore. (ed)

Guys, there is something I would like to discuss with you, as I announced already in the introduction. The reason why I took so long this time were the logs and infos I got via snail mail on disc and via the InterNet. Everyone I got logs from used a different format. The only contribution I had no problem with was that of pcG, as he sent his in plain ASCII. When I asked you to send me the logs on disc it was meant to accelerate the process. But the different formats are not the worst thing. What delays really is the fact that everyone presents his contribution in a different fashion. Someone likes to draw lines neatly around every log, another one favours a (;) between every column of his logs and and and...

The different standards in which abbreviations are given, the various order of the columns (freq, time, call..) are another source of eternal pleasure for me. Every single item would not cause any problem, but all together is a porridge prepared in hell.

I would be very glad indeed, if you would have the kindness to send your contribution in plain ASCII, if ever possible and, what would delight me most without any ornaments or own artistic designs, which I would surely appreciate under other circumstances. Thanks for your understanding.

As it is 1.00 in the morning and since I have to go to work in a few hours let me just thank all contributors for their work: pcG, hbCAN (= hb31 in Edmonton, AB), nr76, js33, mo76 in different settings, zeTC, hb31 and last but not least abNL.

See you all next month. As I will prepare the NL after the 24th December I wish you all a peaceful Christmas and a lot of new gear under the Christmas tree!!

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NEWSLETTER 12/95

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Hi folks. As we (or better myself) are late again with another NL-edition, let's start immediately:

NON DIRECTIONAL BEACONS						
284.5	0256	DY	Duesseldorf	D	id	ti47
290.5	2249	VY	Visby Lt.	S	id+dash	hb31
290a	0815	VI	Unid	?	id+dash	many
298.5	2300	RR	Round Island Lt.	G	id+dash	hb31
300.5	0259	LW	Koeln/Overath	D	id	ti47
311	0123	CEL	Celle	D	id	ua58
311	0300	LMA	Lima	D	id	ti47
316	0301	PH	Eindhoven	HOL	id	ti47
317	0102	OKG	Cheb	CZE	id	ua58
318	0301	LP	Roenneby	S	id	ua58

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319	0302	LEC	Stavanger	NOR	id+dash	ti47
324	0108	ML	Tirstrup	DNK	id	ua58
325	0252	KAU	Unid	? 2id	kaunas/LTU? ex "KNA"?	ua58
326	0101	SUI	Tampere (Suinu)	FNL	id	ua58
329	2357	KQ	Krupky	BLR	id	ua58
330a	0120	WU	Unid	?	id	ua58
331	0016	KAN	Kangas	FNL	id	ua58
331	2239	TE	Thisted	DNK	id	zeTC
333a	0054	NV	Unid	?	id	ua58
337	0012	OZ	Skallen	S	id	ua58
337	2250	GRT	Gheriat	LBY	id	zeTC
339	0119	WK	Velikije Luki	RUS	2id	ua58
339	0135	FG	Montpellier	F	id+dash	ua58
340	0127	N	Roenneby	S	id	ua58
341	0114	EDN	Edinburgh	G	id	ua58
341	2117	LO	Billund	DNK	id	zeTC
342	2306	LL	Fagernes/Leirin	NOR	id	zeTC
343	0128	TGJ	Tirgu Jiu	ROU	id	ua58
343	0135	CGO	Paris/de Gaulle	F	id	ua58
343	0139	KUS	Kaunas	LTU	2id	ua58
345	0221	SUS	Kauhava	FNL	id	ua58
346.5	2317	BMN	Bremen	D	id	zeTC
349	0041	KSL	Kassel	D	id	ua58
349	2120	JX	Vaexjoe	S	id	zeTC
351a	0049	SAV	Unid	FNL id	savonlinna/FNL ex 381??	ua58
352	0002	PSJ	Seinaejoki	FNL	id	ua58
353	2328	KRT	Kartuzy	POL	id	zeTC
354a	0115	BM	Unid	?	id+dash	ua58
356a	0106	CSW	Unid	?	id	ua58
358	2336	HW	Hannover/west	D	id	zeTC
359	0244	VA	Vaestervik	S	id	ua58
359.5	0111	CDN	Chateaudun	F	id+dash	ua58
363.5	2346	RSK	Romskog	NOR	id	zeTC
365	2349	VS	Tampere/Vesilahti	FNL	id	zeTC
365a	2356	VIL	Unid	?	id vilnius/LTU?	many
372	0247	SKD	Skudavile	LTU	2id	ua58
373	2249	KEM	Kemi	FNL	id	zeTC
377	0104	KN	Norrkoeping/Kungsangen	S	id	ua58
377a	0202	PA	Unid	?	id	ua58
378	0131	ZL	Zolochev	UKR	2id	ua58
380	0235	PHS	Pyhaesalmi	FNL	id	ua58
381	2254	ESP	Helsinki/Vantaa	FNL	id	zeTC
382a	0224	RG	Unid	?	id	ua58
387	2259	VDL	Vardal	NOR	id	zeTC
389	2300	MR	Skien/Myra	NOR	id	zeTC
389	2301	RK	Turku	FNL	id	zeTC
390	0034	GL	Ergly	LVA	2id	ua58
390	0054	VAL	Valjevo	SER	id+dash	ua58
392	0129	RAN	Lapeenranta	FNL	id	ua58
392.5	0014	TOP	Torino	I	id	ua58
393	0130	HAP	Haapajaervi	FNL	id	ua58
394	2306	NB	Stockholm/Bromma	S	id	zeTC
397a	0008	K	Unid	? strange format	"KK KKK" Arad/ROU	?ua58
399	0225	MTN	Salamanca/Matacan	E	id	ua58
400	0004	EN	Oerebro	S	id	ua58
400	2311	KO	Utti	FNL	id	zeTC
400.5	0006	COD	Codogno	I	id	ua58
400.5	0236	EJ	Esbjerg	DNK	id	ua58
402	0240	LX	Eskilstuna	S	id	ua58
403	0009	OJ	Joenkoeping	S	id	zeTC
403	0222	NM	Mora/Siljan	S	id	ua58
404	1946	DA	Torp/Dalen	NOR	id	zeTC
404	1948	NL	NoIsoe	FAR	id	zeTC
404a	2349	JAN	Unid	? id	Janne/FNL ex 312?	ua58
405	0022	EWZ	Viljandi	EST	id	ua58
415	1957	OL	Linkoeping/Saab	S	id	many
418	0207	L	Tallinn/Yulemiste	EST	id	ua58
419	0231	HY	Vaasa	FNL	id	ua58

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419	1959	RD	Vaesteraas/Hassloe	S	id	zeTC
420a	0059	ZV	Unid	?	id+dash	ua58
420a	0147	RA	Unid	?	id+dash	ua58
421	0105	T	Linkoeeping/Saab	S	id	ua58
422	2238	SAL	Unid	?	id	hb31
429	2324	LOS	Losinj	HRV	id+dash	zeTC
432	0114	AKU	Ivalo	FNL	id	ua58
434	2333	GR	Gorka	RUS	id	zeTC
436a	2355	NST	Unid	?	id 7 times per minute	zeTC
448	2234	LQ	Landsberg	D	id+dash	hb31
450	0003	PDV	Plovdiv	BUL	id	zeTC
488	2231	ILM	Illesheim	D	id	hb31
490	0150	KO	Koshan	UKR	id slow	ua58
1290	0207	BG	Bogdanovka	UKR	id ex "AA"	zeTC
1290	0207	TU	Bely	RUS	id	zeTC
M A R I T I M E						
444.5	0847	PCH	Scheveningen R.	HOL	CW-Tfc list	abnl
1609.5	0118	LGB	Rogaland R.	NOR	CW marker	abnl
1611.5	2130	LGF3	Rogaland R.	NOR	cw-LGB tlx & SIT	wk08
1612.5	0119	GKR	Norwick R.	G	CW marker	abnl
1619.5	0830	PCH85	Scheveningen R.	HOL	CW marker	abnl
1677	2250	EAS	Cabo Penas Radio	E	USB, wkg fone-patch	ti47
1692	2057	FFB	Boulogne-sur-Mer R.	F	USB, wkg foncall to F	ti47
1713	0309	PCG	Scheveningen Radio	HOL	USB, wkg, tfc-list	ti47
1905	0123	SAB	Goteborg R.	S	CW-marker	abnl
1906	0313	FFM	Marseille Radio	F	USB, wkg tfc-list	ti47
1911	1635	CNW	Tanger R.	MRC	F wx	hb31
2182	0622	GUVR	Platform Piper B	IWA	wkg Sedco Exploder	ai47
2182	0638	WZC4081	Rig F.G. McClintock	IWA	wkg ...Bravo	ai47
2182	0643		Sedco Explorer	IWA	wkg Piper B	hb31
2182	0651	Rig ?	Santa Fe Britannia	IWA	wkg Humble R.	hb31
2182	1846	3VB	Bizerte R.	TUN	clg unid vessel	ai47
2182	1938	TFM	Neskaupstadhur R.	ISL	anns for 1761	ai47
2182	2241	Rig ?	Santa Fe Monitor	IWA	wkg Maersk Promoter	hb31
2182	2308	CUB	Madeira R.	MDR	anns for 2843	ai47
2230	2228	OUA	RDN Arhus	DNK	CW, wkg id "vvv vvv vvv"	ti47
2326	2118		German civil vessels	IWA	USB, wkg smalltalk	ti47
2357.5	2335	OUA32	DNK Ny Stevns	DNK	CW marker	abnl
2359	2359	ESA	Tallinn R.	EST	CW marker	abnl
2460	2335	YLQ	Riga Radio	LVA	CW, wkg "YLQ SCAN AUTO"	many
2614	2133	DAJ	Norddeich Radio	D	USB, "securite" nav-wrn	ti47
2624	2337	IQX	Trieste Radio	I	USB, wkg fone-patch	ti47
2625	1811	DRHK	D Ny Vessel Mosel	IWA	USB wkg DHJ59 for r/c	wk08
2625	2138	DHJ59	D Ny wilhelmshaven	D	USB, wkg DRAU, msgs, qsl	ti47
2625	2232	DRAU	D Ny Vessel Koeln	IWA	USB, wkg DHJ59 msgs qsy 4	ti47
2628	2055	IQA	Augusta Radio	I	USB, wkg fone-patch to I	ti47
2631	2239	TBH2	TURNy Golcuk	TUR	CW, wkg id BCST T43B	ti47
2635	2056	LFO	Orlandet Radio	NOR	USB, wkg fone to Sweden	ti47
2643	0327	GKE1	Portishead Radio	G	CW, wkg id, sitor-mkr	ti47
2705	2137	GKR	Wick Radio	G	USB, wkg fon-patch	ti47
2722	2058	ICB	Genova Radio	I	USB, wkg clg unid ship	ti47
2761	2243	OSU	Oostende Radio	BEL	USB wkg nav-warnings	ti47
2780.7	2348	GND	Stonehaven R.	G	CW marker	abnl
2799	2344	EAV	Cabo La Nao Radio	E	USB, wkg fone-patch	ti47
2800	2334	4XZ	ISR Ny Haifa	ISR	CW, wkg id, "vvv vvv vvv"	ti47
2806	1847	IGJ41	I Ny Augusta	I	cw-vvv	many
2815	0004	IDR8	I Ny Roma	I	CW marker	abnl
2815.5	0002	OST	Oostende R.	BEL	CW marker	abnl
2824	2129	PCG	Scheveningen Radio	HOL	USB, wkg fone-call	ti47
2829.5	0005	SPB	Szczecin R.	POL	CW marker	abnl
2831	2101	SPO	Szczecin Radio	POL	USB, wkg tlx to ship	ti47
2832.7	0006	GNK	Norwick R.	G	CW marker	abnl
3008	2129		German Civil ships	IWA	USB, wkg smalltalk	ti47
3020	2234		Dutch Civil ships	IWA	USB, wkg , private, sport	ti47
3029	1733		D CG Neustadt	D	USB w/unid CG vessel. Psn rpt	abnl
3282	2136		German Civil ships	IWA	USB, wkg smalltalk	ti47
3363	2118		German Civil ships	IWA	USB, wkg smalltalk engine	ti47
3651.5	2320	SXA32	HN Spata Attikis	GRC	CW, wkg id "vvv vvv vvv"	ti47

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3685	2321	SXA	HN Spata Attikis	GRC CW, wkg BCST K13A/G	ti47
3712	2325	SXA33	HN Spata Attikis	GRC CW, wkg id "vvv vvv vvv"	ti47
4154	2248	DRAU	D Ny Vessel Koeln	IWA USB, clg DHJ59, msgs	ti47
4154.5	2134	DRAT	D Ny Vessel Emden	IWA USB, wkg DHJ59, msgs svc	ti47
4178	2147		unid	??? CW, wkg cont SITOR-mkr	ti47
4227	1854	IGJ42	I Ny Augusta	I CW-vvv	ai47
4237	2149	4XZ	ISR Ny Haifa	ISR CW, wkg id "vvv vvv vvv"	ti47
4265	0401	PPL	Belem Radio	B CW, wkg id, "vvv de ppl "	ti47
4323	2047	VIP	Perth R	AUS CW cq mkr	pcG
4435	2154	IAR	Rome Radio	I USB, wkg BANDAMA EXPRESS	ti47
4932	2204	SPW	Warszawa Radio	POL USB, wkg fon to POL	ti47
6283	2025	6VA	Dakar R	SEN CW short manual cq	pcG
6380	2100	UCW	St Petersburg R	RUS CW "cq de rjfy/ucw4 qsw..."	pcG
6407.5	2030	VIH2	Perth R.	AUS CW-cq	many
6436.5	2025	TAH	Istanbul R.	TUR CW-cq	wk08
6481	1840	TBH3	TUR Ny Golcuk	TUR CW-vvv	wk08
6779	1020	DHJ59	D Ny Wilhelmshaven	D USB, wkg DRAU FGS KOELN	ti47
6779	1619	DRAE	D Ny Vessel Luetjens	IWA USB, wkg DHJ59, msgs	ti47
6779	2210	DRAH	D Ny Vsl Brandenburg	IWA USB, clg DHJ59, wkg msgs	ti47
6779	2211	DRAU	D Ny Vessel Koeln	IWA USB, clg DHJ59 msgs qs1s	ti47
6815	1717	ICI	I Ny ???	? clg IALI for radiocheck	ai47
8151	1047	IGJ44	I Ny Augusta	I CW, wkg id "vvv vvv vvv"	ti47
8297	0545	AAFA	USAV Sp4 James A. Loux	IWA wkg AAC2, msgs	ai47
8297	0546	AAC2	Harbormaster Ft. Eustis	USA wkg AAFA	ai47
8335.5	2253	DRDX	D Ny Vessel U-30	IWA USB, clg DHJ59 ZGN	ti47
8335.5	2259	DRAH	D Ny Vsl Brandenburg	IWA USB, clg DHJ59, ZBO 1p	ti47
8429.5	1657	IDR4	I Ny Rome	I CW-vvv	ai47
8473	0920	PKE	Amboina R	INS CW cq mkr	pcG
8473	1500	4PB	Colombo R	SLK CW v mkr + manual call	pcG
8474	1600	JYO	Aqaba R	JOR CW cq mkr	pcG
8476	1515	9VG56	Singapore R	SNG CW cq + freq mkr	pcG
8480	1559	HZY	ARAMCO Ras Tanura R.	ARS CW-cq, tfc-list	ai47
8484.5	1451	HZG	Damman R	ARS CW de mkr	pcG
8493	1519	TBA	TUR Ny Ankara	TUR CW v mkr	pcG
8497	1203	HLJ	Seoul R.	KOR CW-cq	wk08
8511	1430	XSW2	Taichung R.	TWN CW-cq	wk08
8515	1548	5AT	Tripoli R	LBY CW v/cq mkr	pcG
8521	2045	VIP	Perth R	AUS CW cq mkr	pcG
8601.3	1705	ZLO	Irirangi R	NZL CW "de zlo..." mkr	pcG
8604.5	1551	DZJ	Manila-Bulacan R	INS CW cq mkr	pcG
8614	1730	URL	Sevastopol R	UKR CW cq mkr	pcG
8616.5	0925	URK9	??	? CW wkg ships.."uwgk de urk9"	pcG
8630	1130	WCC	Chatham R	USA CW "v/cq de kph/wcc gm qsx."	pcG
8635	2018	UTQ	Kiyev R	UKR CW cq mkr	pcG
8646	1354	VTP6	IND Ny Visakhapatnam	IND CW-vvv, bad modulation	ai47
8686	1255	PKB	Belawan R.	INS CW-cq	many
8686	1432	HSA2	Bangkok R.	THA CW-cq, weak, bad modulation	ai47
8691	1702	XST	Qingdao R.	CHN CW-cq	ai47
8694	1307	XSZ	Dalian R	CHN CW cq mkr	many
8694	1340	PKM	Bitung R	INS CW cq mkr	pcG
8703.4	1200	LYK	Klaipeda R	LIT CW cq mkr	pcG
8705.5	1324	PKC	Palembang R	INS CW cq mkr	many
8809	1330	GNI	Niton R.	G CW-de	wk08
8917?	1005		Constanta R.	ROU USB-id & wkg	wk08
10192.5	0921	DRAT	D Ny Vessel Emden	IWA USB, wkg DHJ59, QSY 12	ti47
10192.5	1655	DRAO	D Ny Vessel Luebeck	IWA USB, wkg DHJ59, msgs	ti47
12178	0922	DRAT	D Ny Vessel Emden	IWA USB, clg DHJ59 ZGN AR	ti47
12415.5	0919	DRHG	D Ny Vessel Oker	IWA USB, wkg DHJ59, msgs	ti47
12415.5	1116	DRAT	D Ny Vessel Emden	IWA USB, wkg DHJ59, msgs QSL	ti47
12415.5	1203	DHJ59	D Ny Wilhelmshaven	D USB, clg DRAE, DRAT, DRAO	ti47
12682.5	1141	PKE	Ambon R.	INS CW-cq	ai47
12682.5	1255	PKP	Ujung Pandang R.	INS CW-cq	ai47
12711	2100	HCG	Guayaquil R.	EQA CW-cq handkeyed	ai47
12970.5	1336	PKX	Jakarta R.	INS CW-cq	ai47
13062	1203	CLA	Habana R.	CUB CW-cq	ai47
13143	1135	UTW	Mariupol R.	UKR USB-id & wkg	wk08
16920	1216	9GX	Tema R.	GHA CW-cq	ai47
16945	1110	XVG	Haiphong R.	VTN CW-cq	ai47

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16948.5	1102	VCS	Halifax CGR.	CAN	CW, wkg id "vvv vvv vvv"	ti47	
16987	1050	VRX81	Hongkong R.	HKG	CW-cq	hb31	
19685.5	1500	WLO	Mobile R.	USA	CW-WLO & SIT	wk08	
19699	1104	UFN	Novorossiisk R.	RUS	CW, wkg SITOR-marker	many	
19707	1105	UCE	Arkhangelsk Radio	RUS	CW, wkg SITOR-marker	ti47	
19779	1108	PPJ	Juncao Radio	B	USB, clg "ARANXIA"	ti47	
22446	1014	EDZ6	Madrid Radio	E	CW, wkg id "de edz6..."	ti47	
22452	0930	XSQ	Guangzhou Radio	CHN	CW, wkg id "cq cq cq de"	ti47	
22565	0935	XSW	Kaohsiung Radio	TWN	CW, wkg id "cq cq cq de"	ti47	
22575.5	0938	PKX	Jakarta Radio	INS	CW, wkg id "cq cq cq de"	ti47	
22602	1044	PPR	Rio de Janeiro Radio	B	CW, wkg id "vvv de ppr"	ti47	
22670	1048	PPR	Rio de Janeiro Radio	B	CW, wkg id "vvv de ppr"	ti47	
A E R O N A U T I C A L							
2869	2306		Jekaterinburg Volmet	RUS	USB, wkg forecast?	ti47	
2869	2347		Samara Volmet	RUS	USB, wkg wx,	ti47	
2872	0334		Aero Reykjavik	ISL	USB, wkg 3779,	ti47	
2941	2128		Rostov Volmet	RUS	USB, wkg met-reports	ti47	
2941	2308		St.Petersburg volmet	RUS	USB, wkg met-reps	ti47	
2941	2319		Moscow Volmet	RUS	USB, wkg met-reps	ti47	
2941	2320		Kiev Volmet	UKR	USB, wkg met-reps	ti47	
3033	2233		Edinburgh Rescue	G	USB-id, testing, counting	wk08	
3269	2205	F7F	FAF-A/C for NATO	AIR	USB, wkg sitrep to unid	ti47	
3413	2353		Shannon Volmet	IRL	USB, wkg forecast	ti47	
3440	0350		Aero Jekaterinburg	RUS	USB, wkg unid aircraft	ti47	
3485	2324		Gander Volmet	CAN	USB, wkg met-reports	ti47	
3494	2136	SDJ	Stockholm Radio	S	USB, wkg A/C, posrep	ti47	
3936	2216	MKL	RAF Pitreavie Castle	G	USB, wkg L6L, FAF-A/C	ti47	
4715	2052	MVU	RAF West Drayton Volm	G	USB, wkg meteo-reports	ti47	
4742	0748	ARCHITECT	RAF Upavon	G	USB, wkg tactical b3t A/C	ti47	
5505	2109		Shannon Volmet	IRL	USB, wkg meteo-reps	ti47	
5541	1002	SDJ	Stockholm Radio	S	USB, wkg clg unid a/c	ti47	
5601	2147		Aero Karachi	PAK	USB, wkg DELTA421	ti47	
5604	2148		Rainbow R. Tors Cove	CAN	USB, wkg AIR FRANCE 1701	ti47	
5610	1832	4X-AHX	E1-A1 ELY 841	AIR	USB-wkg Portishead	wk08	
5637	1039		Preveza (Aktion) Air	GRC	wkg Athens	hb31	
5637	1054		Irakia Air	GRC	wkg Athens	hb31	
5638	0703	YRA	TAROM Bucharest	ROU	CW-vvv	ai47	
5658	2111		Aero Tripoli	LBY	USB, wkg unid A/C, posrep	ti47	
5658	2150		Aero Djibouti	DJI	USB, wkg unid A/C	ti47	
5680	0851		Rescue Heli 11 Kinloss	AIR	wkg Edinburgh Rescue	ai47	
5680	1021		Rescue Heli 141 Aldergrove	AIR	wkg Edinburgh Rescue	ai47	
5680	1129	RESCUE15	RAF-Flight	AIR	USB, clg Edinburgh Rescue	ti47	
5680	1208		Stavanger Rescue	NOR	r/c Edinburgh Rescue	ai47	
5680	1300		Gotland Rescue	S	r/c Riga Rescue	ai47	
5680	1300		Riga Rescue	LVA	r/c Gotland Rescue	ai47	
5685	1130	I AF	Rome & many more	wkg	Missione 915,infos on this net?	hb31	
5696	0030	NMN	CAMSLANT	USA	wkg Rescue 1500	ai47	
5696	0053	NMF	USCG Commsta Boston	USA	wkg 06I	ai47	
5699	1317		unid FAF	F?	LSB, wkg unid A/C, french	ti47	
5702	1008		unid FAF	F?	USB, wkg unid a/c	ti47	
5720	1010		RAF Buchan	G	USB, wkg a/c "MKMM-4807"	ti47	
6577	2225		Aero New York	USA	USB, wkg A/C, delayreport	ti47	
6586	1656		Lome Air	TGO	wkg Air Afrique 63	hb31	
6604	2115		New York Volmet	USA	USB, wkg met-reports	ti47	
6604	2156		Gander Volmet	CAN	USB, wkg forecast	ti47	
6617	1620		Kiev Volmet	UKR	USB, wkg mx	ti47	
6617	2116		Moscow Volmet	RUS	USB, wkg met-reps	ti47	
6617	2227		Rostov Volmet	RUS	USB, wkg met-reports	ti47	
6628	2122	N728A	ARAMCO Aircraft	AIR	USB-wkg Santa Maria	wk08	
6693	1622		Tyumen Volmet	RUS	USB, wkg met-reps	ti47	
6712	1523		USAF Andrews	USA	USB EAM	abnl	
6727	1610	PBV	RN\AF Valkenburg	HOL	USB, wkg wx to unid	ti47	
6730	1542		Karaganda Volmet	KAZ	USB, wkg met-reports	ti47	
6730	1609		Aktyubinsk Volmet	KAZ	USB, wkg forecast	ti47	
6730	1616		Almaty Volmet	KAZ	USB, wkg met-reps	ti47	
6730	2120		Tashkent Volmet	UZB	USB, forecast	ti47	
6739	2231	ARCHITECT	RAF Upavon	G	USB, wkg colerstate-wx	ti47	
8891	1619		Montreal Air	CAN	wkg KLM 601	hb31	

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8891	1654		Baffin Air	CAN wkg Canadian 97	hb31
8894	0740		In Salah Air	ALG wkg Alger	hb31
8894	1458		Tamanrasset Air	ALG wkg Alger	hb31
8903	1610		Libreville Air	GAB wkg Kinshasa	hb31
8903	1616		Douala Air	CME wkg Kano	hb31
8903	1746		Kinshasa Air	ZAI wkg Air France 427	hb31
8939	1052		Kiev Volmet	UKR USB, wkg met-reports	ti47
8957	1053		Shannon Volmet	IRL USB, wkg met-reports	ti47
8965	1314	DHM91	GAF Muenster	D USB-wkg GAF04	wk08
8968	1534		USAF Lajes	AZR USB EAM	abnl
8982.5	0922	4ZG	Unid Military	? USB-wkg S4JG	wk08
8989	0807		BEL.AF Melsbroek	BEL USB, wkg unid A/C enroute	ti47
9010	1541		RAF Buchan	G USB-id wkg 9DG	wk08
9013	1132		RN Prestwick	G USB, wkg NAVY-511, A/C	ti47
9013	1557		R Ny Prestwick	G USB-id wkg Navy 701	wk08
9031	1135	ARCHITECT	RAF Upavon	G USB, wkg colorstate-wx	ti47
10051	1145		New York Volmet	USA USB, wkg forecast	ti47
10072	1146	SPEEDB.	B.A. London	G USB, wkg unid A/C	ti47
11175	2243	AFH2	USAF Albrook	PNR USB, wkg REACH79	ti47
11175	2326		USAF Ascension	ASC USB, wkg REACH101B	ti47
11193	1128	MVU	RAF Upavon Volmet	G USB, wkg A/P-wx	ti47
11205	1130	ARCHITECT	RAF Upavon	G USB, wkg, colorstate-wx	ti47
11279	1122		Almaty Volmet	KAZ USB, wkg met-reports	ti47
11279	1137		Aktyubinsk Volmet	KAZ USB, wkg wx	ti47
11297	1130		Rostov Volmet	RUS USB, wkg wx	ti47
11297	1137		St.Petersburg Volmet	RUS USB, wkg wx and forcast	ti47
11300	1334		Aero Cairo	EGY USB, clg KARTHOUM for test	ti47
11306	0950	VR-BNJ	Unid Aircraft	AIR USB-wkg Portishead	wk08
11318	1139		Jekaterinburg Volmet	RUS USB, wkg wx	ti47
11318	1224		Tyumen Volmet	RUS USB, wkg met-reports	ti47
11318	1230		Sykytyvkar Volmet	RUS USB, wkg forcast (?)	ti47
13220	1341		Aeroflot Moscow	RUS USB, wkg unid A/C, posrep	ti47
13264	1239		Shannon Volmet	IRL USB, wkg id, metreports	ti47
13306	1346	21901	unid Air/Craft	AIR USB, clg Sta.Maria, posrep	ti47
13324	1348		LTU Duesseldorf	D USB, wkg wx to LTU-flight	ti47
18018	0914		RAF Akrotiri	CYP USB-wx, id "Cyprus Combine"	wk08
18018	1047		RAF Cyprus Flightwatch	CYP wkg a/c, wx	ai47

F I X E D B A N D S

122.3	2320	OUA	Danish Navy Stevns	DNK CW VVV	abnl
1746.5	2100		unid	??? CW, cont. HXVH=NVKL AR	ti47
2120	2216		Spy-network (X01)	ISR AM, wkg id "MIW2"	ti47
2252	0052	1UB	unid, tactical net	??? USB, clg 8UU	ti47
2252	0055	OPQ	unid, tactical net	??? USB, wkg A8Z	ti47
2270	2217		Spy-network (X02)	ISR AM, wkg msg 5ltgr	ti47
2428	0010	MKL	RAF Pitraevie	G CW-WX	abnl
2500	0100	RCH	TS Tashkent	UZB CW, wkg id and timesig	ti47
2518	2236		unid, tactical net	??? CW, wkg cont "830 ok ? k"	ti47
2533	2339	FDG	FAF Orleans	F CW marker	abnl
2601	2131	SZCS	unid, tactical?!	??? CW, wkg id cont."SZCS"	ti47
2626	2135		Spy-network (X04)	ISR AM, wkg msg 5ltgr	ti47
2628	2231		Spy-network (X05)	ISR AM, wkg clg "FTJ"	ti47
2686	2303		unid, tactical	??? CW, wkg msg 5ng	ti47
2743	2234		Spy-network (X06)	ISR AM, wkg msg 5lgr	ti47
2750	2316		unid, tactical net	??? CW, wkg msg 5nrgr	ti47
2797	2333		unid, tactical net	??? CW, wkg msg 5lg	ti47
2852	2103	NQJW	unid, tactical net	??? CW, wkg msg 5ng	ti47
2953	2332		Spy-network (X07)	ISR AM, wkg clg "SYN2"	ti47
3064	2152		unid, tactical net	??? CW, wkg msg 5ltgr	ti47
3067	2156	7LSZ	unid, tactical net	??? CW, wkg msg 5nrgr	ti47
3150	2108		Spy-network (X08)	ISR AM, wkg msg 5lg	ti47
3151	1136		unid, no tactical!	HOL USB, wkg in HOL-language	ti47
3219	1825		unid, tactical net	??? CW, wkg msg handkey QLF!	ti47
3240	2203		unid, tactical net	??? CW, wkg msgs 5ltgr	ti47
3242	2112	DULL	unid, tactical net	??? CW, clg AIVG	ti47
3242	2352		unid, tactical net	??? CW, wkg msg 5ltgr	ti47
3259	2114		unid, tactical net	??? CW, wkg msg 5ng	ti47
3270	2115		Spy-network (X09)	ISR AM, wkg clg "KPA2"	ti47
3289	2137		Spy-network (AG01)	(D) AM, wkg msg 5nrgr	ti47

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3305	2253	FDG	FAF Bordeaux	F	CW, wkg handkey-id "vvv"	ti47
3322	2117		RUSNY in ???	???	CW, channelmarker "R"	ti47
3350	2259	FDE14	FAF Villacoublay (?)	F	CW, wkg id "vvv vvv vvv"	ti47
3358	2321	EHH3	unid	???	CW, wkg id "vvv vvv vvv"	ti47
3486	2250	VKLN	RUS Army	RUS	CW Endless 'VKLN'	abnl
3495	2319		Spy-network (X11)	ISR	AM, wkg, id "MIW2"	ti47
3640	2201		Spy-network (X12)	ISR	AM, wkg id "VLB2"	ti47
3806	0353		RUS.Ny	RUS	CW, wkg channelmarker "P"	ti47
3824	2326		Spy-network (o01)	???	USB, wkg msg 5nrgr	ti47
3832.5	2224	FDC	FAF Metz	F	cw-vvv	zeTC
3833	2359	FDC	FAF Metz	F	CW, wkg id "vvv vvv vvv"	ti47
3840	2139		Spy-network (X14)	ISR	AM, wkg msg 5lg	ti47
3859	2142		unid, tactical net	???	CW, wkg msg 5ltgr	ti47
3881.5	2328	SGLD	unid, tactical net	???	CW, wkg clg 3PAT	ti47
3883	2141		unid, RUS-timesignal?	??	CW, wkg cont"0041"	ti47
4040	0003		unid russian station	RUS	USB cont count "123450"	ti47
4043	0356		RUS.Ny	RUS	CW, wkg channelmarker "P"	ti47
4051	1241		RUS.Ny	RUS	CW, wkg channelmarker "P"	ti47
4058	0358	NWNR	unid, tactical net	???	CW, wkg vvv and msgs	ti47
4165	2219		Spy-network (X15)	ISR	AM, wkg id "MIW2" s.2120	ti47
4270	2236		Spy-network (X16)	ISR	AM, wkg msg 5lg	ti47
4461	0005		Spy-network (X18)	ISR	AM, wkg msg 5lg	ti47
4463	2236		Spy-network (X19)	ISR	AM, wkg msg 5lg	ti47
4479	0407		Spy-network (IL01)	I?	AM, Italian Lady, 5nrgr	ti47
4558	0007		RUSNY in ?	???	CW, channelmkr "C"	ti47
4560	2236		Spy-network (X20)	ISR	AM, wkg msg 5lg	ti47
4574	0412		Spy-network (M02)	???	CW/M, Enigma's N N N	ti47
4636	2335		unid	???	CW, wkg "zguzzu 4894/4"	ti47
4643	0118	FDG	FAF Bordeaux	F	cw-id	zeTC
4665	2333		Spy-network (X21)	ISR	AM, wkg id "SYN2"	ti47
4776.5	2341		unid	???	CW, "RPT AL BEF LNTGW"	ti47
4780	0416		Spy-network (X22)	ISR	AM, "KPA5100430C2E2G2I2"	ti47
4783	1650	FDE2	FAF Tours	F	cw-vvv	zeTC
4842	2201		unid, secret service?	??	CW, cont."741 741 741 1"	ti47
4850	1248	Q6IF	unid, tactical net	???	CW, wkg service-messages	ti47
4877.5	2336	FDG	FAF Bordeaux	F	CW, id "vvv" s. 3305.0	ti47
4878	1630	FDG	FAF Bordeaux	F	cw-vvv	zeTC
4880	2202		Spy-network (X23)	ISR	AM, wkg 42 6lg for ULX	ti47
4899	1249		RUS.Ny	RUS	CW, wkg channelmarker "P"	ti47
4927	0801	MKRL	unid, tactical net	???	CW, clg 3JXR for 5ng-msg	ti47
5000	2059	BPM	SAO Lintong	CHN	TS, cw-id, CH-id	zeTC
5091	2207		Spy-network (X26)	ISR	AM, wkg msg 5lg	ti47
5108	2059		unid, tactical	???	CW, wkg msg 5lg	ti47
5153	2214		unid	???	CW, cont 741 741 741 000	ti47
5154	2100		RUSNY	???	CW, wkg channelmkr "C"	ti47
5230	2204		Spy-network (X28)	ISR	AM, wkg id "VLB2"	ti47
5274	2349		unid, no RUSNY	???	CW, handkey cont. "VVVVV"	ti47
5301	2103	OLX	MOI Prague	CZR	CW, wkg msg 5ng	ti47
5342	0948	FDY	FAF Orleans	F	CW, wkg id "vvv vvv vvv"	ti47
5454	2144		unid, tactical net	???	CW, wkg msg letter-grs	ti47
5471	2108	LN2A	PTT Oslo	NOR	CW, wkg id + phasing	ti47
5530	2146		Spy-network (X31)	ISR	AM, wkg id "CIO2"	ti47
5820	2153		Spy-network (X34)	ISR	AM, wkg msg 5ltgr	ti47
6485	1812		Spy-network (LP03)	CYP	USB, wkg msg 5nrgr	ti47
6658	2118		Spy-network (X38)	ISR	AM, wkg clg "MIW2"	ti47
6770	1024		unid, tactical	???	CW, wkg SVC-msgs	ti47
6779	2051		unid, tactical?	???	CW, wkg msg 5lg	ti47
6825	1026	FAV22	FAF Mons-Valerien	F	CW, wkg exercise-msgs	ti47
6859.5	0959	FDC	FAF Metz	F	CW, wkg id "vvv vvv vvv"	ti47
6871	0749	HEP7	INTERPOL Zurich	SUI	CW, wkg id "vvv vvv vvv"	ti47
6893	2123		unid, secret service?	??	CW, cont"886 886 886 000"	ti47
6959	2125		Spy-network (LP04)	CYP	USB, wkg msg 5ng	ti47
6965	1901	YMB20	Bandirma Meteo	TUR	cw-vvv cq	ai47
6972	1030		unid, tactical ?	???	CW, wkg cont."?"	ti47
7324	1033		unid, tactical	???	CW, wkg msgs slow 5nrgr	ti47
7334	1711	FDC	FAF Metz	F	cw-vvv	zeTC
7337	2212		Spy-network (LP05)	CYP	USB, wkg msg 5nrgr	ti47
7558	2132		unid, tactical	???	CW, wkg msg 5lg	ti47

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7622	1635		unid, tactical net	???	CW, wkg "gammel"-groups	ti47
7676	1041		unid,	???	CW, wkg cont "gammel"	ti47
7917	0901	FDC	FAF Metz	F	CW, wkg id "vvv vvv vvv"	ti47
7918	0831		Spy-network (X49)	ISR	AM, wkg id "MIW2"	ti47
8005	2043	5TQ7	SNIM Zouerate	MTN	wkg Nouadhibou	ai47
8127	1804		Spy-network (X50)	ISR	AM, wkg id "MIW2"	ti47
8142	0805	OLX	MOI Prague	CZR	CW, wkg msg 5nrgr	ti47
8142	0908	OLX	Spy-network (T05)	CZR	USB, wkg msg 5nrgr in CZR	ti47
8175	2044	5TQ2	SNIM Nouadhibou	MTN	wkg Zouerate	ai47
8188	0909		Spy-network (o09)	???	USB, wkg msg 5nrgr	ti47
8464	2240		Spy-network (LP08)	CYP	USB, wkg msg 5ng	ti47
9130	1806		Spy-network (X53)	ISR	AM, wkg msg 5ltgr	ti47
9207	0947	YMB	NATO Izmir	TUR	USB-id wkg IBA, radiocheck	wk08
9251	2213		Spy-network (LP09)	CYP	USB, msg 5nrgr s.7337.0	ti47
9996	1139	RWM	TS Moscow	RUS	CW, wkg id "vvv vvv vvv"	ti47
10125	1101		Spy-network (X55)	ISR	AM, wkg id "MIW2"	ti47
10164	0818	RIW	RUS.NY Khiva	UZB	CW, wkg clg RHZ3	ti47
11548	1132	4XZ	ISR.NY Haifa	ISR	CW, wkg id "vvv vvv vvv"	ti47
12190	1003		Spy-network (EM06)	???	AM, wkg 453 453 00000	ti47
12745	1138		Spy-network (X63)	ISR	AM, wkg "SYN14B102B21"	ti47
13533	1008		Spy-network (X65)	ISR	AM, wkg msg 5ltgr MOSSAD	ti47
13866	1245		Spy-network (CP01) MI6	CYP	USB, wkg CHERRRY PICKER	ti47
13893	1012		unid, tactical??	???	CW, cont. 298 298 298 1	ti47
14402	1914	AAR3CB	MARS Shohola, PA	USA	wlg AAR4SX	ai47
14402	1914	AAR4SX	MARS Unid pse help	USA	wkg AAR3CB	ai47
14402	1919	AR275	MARS western Sahara	AOE	wkg AAR3CB	ai47
14470	1841	NNN0CCO	MARS USS Normandy	IWA	wkg NNN0SYN	ai47
14470	1858	NNN0ASI	MARS Director Reg 1	USA	wkg NNN0CCN	ai47
14470	1924	NNN0GKF	MARS Nazareth, PA	USA	wkg NNN0CCN	ai47
14477	1850	NNN0TDF	MARS Falmouth, ME	USA	wkg NNN0CVL	ai47
14477	2033	NNN0QTF	MARS Unid pse help	USA	wkg NNN0CCN	ai47
14483.5	1957	NNN0SYN	MARS Unid pse help	USA	wkg NNN0CYX	ai47
14487	1016		Spy-network (LP14)	CYP	USB, wkg MSG 5nrgr MI6	ti47
14622	0905		Spy-network (B41)	D	USB, BND wkg msg 5ng in G	ti47
14641	0828	EBA	E Ny Madrid	E	cw-cq, wx	ai47
14750	1140		Spy-network (X68)	ISR	AM, wkg "SYN14B102B21"	ti47
15013	1025	4XZ	ISR.Ny Haifa, tactical	ISR	CW, wkg msg 5ltgr & id	ti47
15682	1143		Spy-network (LP15)	CYP	USB, wkg msg 5ng	ti47
16034	1038		unid, tactical net	???	CW, wkg msg 5ltgr	ti47
16084	1040		Spy-network (LP16)	CYP	USB, wkg MSG 5nrgr	ti47
17410	1141		Spy-network (X71)	ISR	AM, wkg msg 5lg	ti47
17430	0930		Spy-network (B47)	D	USB, BND wkg id "K-W"	ti47
17996	1048		Spy-network (X72)	ISR	AM, wkg "CIO2"	ti47
18000	1107		Spy-network (NA09)	???	USB, wkg PETER EDWARD CH.	ti47
19715	1106		Spy-network (X74)	ISR	AM, wkg msg 5ltgr	ti47
D I G I T A L						
2201	2253		NATO-Naval Force	???	F1B75-encrypted ship/shore	ti47
2246.5	2230	RETWLL	?? Police	E	SITOR/A/100/400 msgs	pcG
2326	2226	DHO26	GNy Rostock	D	F1B75-encrypted ship/shore	ti47
2430	2256		NATO-Naval Force	??	F1B75-encr. ship/shore	ti47
2470	2232		NATO-Naval Force	??	F1B75-encr. ship/shore	ti47
2488	1200	?	??	?	ITA2/75/850 "ryry..TCNJBH.."	pcG
2510	2258	DHJ59	GNy wilhelmshaven	D	F1B75-encrypted ship/shore	ti47
2531	2119		NATO-Naval Force	??	F1b75-encry. ship/shore	ti47
2618	0006	GFE25	Bracknell Meteo	G	FAX 120/576 Charts	abnl
2634	0018		Unid	?	QPSK DGPS data	abnl
2634	2340	DHJ59	GNy wilhelmshaven	D	F1B75-encrypted X21E	ti47
2716	2347	SAB	Goteborg R.	S	SIT-A Clg QTUC	abnl
2725	2342	IDQ	INy Rome	I	F1B75-encrypted X11I	ti47
2787	2350		Unid	?	Encrypted msgs	abnl
2789	2353	FUE	F Ny Brest	F	Clg FAAA (all F war ships)	abnl
2789	24HR	FUE	Brest FN	F	ITA2/75/850 "faaa de fue s." +	
		also	qsl'ing tfc to "FL, FG, FD, FB, FA, FT, with reg. pattern			pcG
2805	2359		DGPS station N.O.Polder	HOL	QPSK DGPS data 100	abnl
2834	0006		DGPS station	G	QPSK DGPS data 300	abnl
2845	1510	PBB	HOL Ny Den Helder	HOL	msgs 75	ai47
2845	1848	PBB	RNN Den Helder	HOL	F1B75, wkg availab. msgs	ti47
3029.7	1706		D CG Neustadt	D	SIT-A w/BG21 Bredstedt 100	abnl

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3085	2250		NATO-Air Force	???	F1B75-encrypted air/grnd	ti47
3103	0340		NATO-Air Force	???	F1B75-encr. air/ground	ti47
3156	2132	FUO	FNY Toulon	F	F1B75-encr. -Broadcast	ti47
3173	2200		NATO-Air Force	???	F1B75-encr. air/ground	ti47
3273	2144	HFVNW	Dusseldorf LKA	D	AREQ/96/85 new freq to Bonn	pcG
3328.8	0109		Pt de la Coubre	F	MSK DGPS data 50	abnl
3345	2257		NATO-Air Force	???	F1B75-encr. air/ground	ti47
3542.7	0850	GKE1	Portishead R	G	SITOR/A tlx/cw mkr c/s change	pcG
3615.7	0855	GKY8	Portishead R	G	SITOR/A tlx/cw mkr c/s change	pcG
3832.7	2300	RFF--	Paris	F	ARQ342/200/400/2ch FDXA/FDXB	pcG
3850	2100	ETD3	Addis Aero	ETH	ITA2/50/400 "de etd3"/VHA cct	pcG
3922.5	0845	??	??	?	ARQE/85.7/170 cont.crypto	pcG
4015	1530	AEM1USA	Heidelberg MARS	D	PACKET clg AEM1FGT	pcG
4156	2145	CTV	RPN Monsanto	POR	F1B75-encrypted ship/shore	ti47
4256	2150	DHJ59	GNY wilhelmshaven	D	F1B75-encrypted x21E	ti47
4268.6	2332	SAB	Goteborg Radio	S	SIT-A Clg KKZF 100	abnl
4467	2330		NATO-Air Force	???	F1B75-encr. air/ground	ti47
4512.5	1950	ETD3	Addis Aero	ETH	ITA2/50/400 "de etd3" mkr	pcG
4570	1935	HZN46	Jeddah Meteo	ARS	ITA2/100/450 met groups	pcG
4601.5	1543	OA	IRL Mil Dublin	IRL	SIT-A w/11. Routine msg	abnl
4643	2202	FUO	FNY Toulon	F	F1B75-encrypted-Broadcast	ti47
4707.2	1755	RFFVAY	Sarajevo	BHG	ARQ342/200/400/2ch FKWA/FKWB	pcG
4711	0744		NATO-Air Force	???	F1B75-encr. air/ground	ti47
4782.5	0830	??	??	?	ARQE/85.7/170 cont.crypto	pcG
4798	1343		Unid	?	ARQ-E Encrypted msg	abnl
4803	1312		Unid British ? MIL?		Encr msg sync string 'VMGTCNJBH'	abnl
4922.5	1623	D---	Grenge! Meteo?	D	ITA2/100/500 met rpts	pcG
4925	0757		NATO-Air Force	???	F1B75-encr. air/ground	ti47
4930.5	1700	SPW	Warsaw R	POL	SITOR/B qtc for ships	pcG
4993.5	0930	--	Irish Navy net	IRL	SITOR/A c/s hrd 0A,18,57,62	pcG
5037	1252		NATO Air Force	???	F1B75-encrypted air/ground	ti47
5252	0845	DDI516?	?? MET??	D	ITA2/50/170 "ddi516 ryry" mkr +	pcG
			GG p/l Potsdam mentioned+met?			
6329.5	2248	VCT	Tors Cove Nfld	CAN	SITOR/B cq msg info msg	pcG
6348	0952	HWN	FNY Paris	F	F1B75, wkg id, RY & SG	ti47
6483	0953	PBB	RNN Den Helder	HOL	F1B75, avlb-msgs	ti47
6759	1020		NATO-Air Force	???	F1B75-encrypted a/g	ti47
6766.8	2229	DHJ59	GNY wilhelmshaven	D	F1B75-encrypted x21E	ti47
7311	1538	FDY	FAF Orleans	F	RY 50	abnl
7311.5	1002	FDY	FAF Orleans	F	F1B50, "VOYEZ LE BRICK.."	ti47
7322	1442	FDY	FAF Orleans	F	RY 50	abnl
7363	1003	FDY	FAF Orleans	F	F1B50, "VOYEZ LE BRICK.."	ti47
7383	1443		POL Emb Copenhagen	DNK	POL-ARQ Msgs to Warsaw 100	abnl
7448	0930	DHO26	D Ny Rostock (tent.)	D	no id, c/d 75	ai47
7474	1512		MFA Warsaw	POL	POL-ARQ Msgs to Emb Paris 100	abnl
7634	1557	RFGW	MFA Paris	F	FEC-A Msgs to embassies w5E, D7A	abnl
			G7M, G8T, S5F, A9E, L4N and K4X	192		
7642.7	1514		MOD Paris	F	ARQ-M2 Msgs 200	abnl
7646	1005	DDH7	Meteo Quickborn	D	F1B50, ZZY-YY-reports	ti47
7650	1848	BZR67	XNA Beijing	CHN	F1B75, ee-nx, politics	ti47
7658	1802	YZI223	TANJUG Belgrade	SER	F1B50, ee-nx. politics	ti47
7685	1851	RBK75	Meteo Moscow	RUS	F1B50, AAXX-reports	ti47
7898	1200	GGVHF	Bonn GSK	D	ARQE/72/85 tfc/idle to Mostar	pcG
8453	1012	HWN	FNY Paris	F	F1B75, id, wkg RY & SG	ti47
8650	1138	SPB	Szczecin R	POL	SITOR/A cw/tlx mkr	pcG
8677.5	1644	UGC	St Petersburg R	RUS	SITOR/B long news b/c	pcG
8703	1145	UCE	Archangelesk R	RUS	ITA2/50/170 "cq de uce ryry"	pcG
9994	1135	CSY	Santa Maria Aero	AZR	ITA2/50/850 "MCA" msg	pcG
10151.9	1130	SAM	Stockholm MFA	S	SWE-ARQ/100/400 5lg to london	pcG
10162.5	1414	YIL71	INA Baghdad	IRQ	English news 50	abnl
10215	1810	HZN48	Meteo Jeddah	ARS	F1B100, AAXX-reports	ti47
10219.2	0855	HFVGG	Mostar GSK	HRV	ARQE/72/85 "hier mostar koennt i	
			hr nochmal einphasen.."some cryp msg+long idles+ mon-fri 08-17 Bonn			
			on 7898 - GGVH F			pcG
10551	1030	GFL23	Meteo Bracknell	G	F1B75, AAXX-reports	ti47
10582.9	1405	SAM	MFA Stockholm	S	SWED-ARQ Msgs 100	abnl
11063	1034	LZU2	Meteo Sofia	BUL	F1B50, AAXX-reports	ti47
11264	1326		NATO-Air Force	???	F1B75-encrypted Air/Ground	ti47

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11305	1131	NATO-Air Force	???	F1B75-encrypted A/G	ti47
11450	1040	RDD77 Meteo Moscow	RUS	F1B50, TTAA-reports	ti47
11453	1042	IMB33 Meteo Rome	I	F1B50, AAXX-reports	ti47
12212.5	1138	YZI234 TANJUG Belgrade	SER	F1B50, ee-nx, economy	ti47
12700	1151	UCE Archangelsk R	RUS	ITA2/50/170 cq mkr + wkg tfc	pcG
13998	2245	MTS Pt.Stanley DCN	FLK	PICCOLO/6 2ch to MKK	pcG
14639.4	0910	"KPL" KPL Vientiane	LAO	nx 50	ai47
14760	1435	CNM61 MAP Rabat	MRC	News 50	abnl
14912	1433	DFZG MFA Belgrade	SER	News 75	abnl
14912.5	1433	SOO291 PAP Warsaw	POL	SIT-B News 100	abnl
16922	1142	RBSL IND Ny Bombay	IND	rysg 50	ai47

FRENCH DOMESTIC(MILITARY) - NOVEMBER/DECEMBER 1995

ARQE/72/400 - UNLESS STATED

FREQ	CID	RID	DATES	REMARKS
2669.5	-	-	9-11/12	idle nil tfc
3898	-	-	11/12	idle nil tfc
4933	UFB	UBF	24/11	C.D.V. rry test
5277	-	-	12/12	Short idle + off
5442.5	UFB	UFB	12/12	C.D.V. + ry test
5732.5	-	-	8-	usual idle
5838	UFB	UBF	23-24/11	C.D.V. "RFFHCFB de RFFHCFB"
5892	UFB	UBF	12/12	C.D.V.+ 5lgs + ry tests
6781	-	-	23/11	Idle - nil tfc
6945	-	-	23-26/11	ARQE/192/170 poss. replacement for 6976 - Ajaccio ??
6976	EHQ	EHR	27/11-	ARQE/192/170 Ajaccio - now on again
7614	EHR	EHQ	DAILY	ARQE/192/170 Marseille cont. idle

Q S L - R E V I E W

BEL-NDB	Antwerpen	8	PPC, Sti/RP	309	"WW"	hb31
DNK-NDB	Thisted/west	7	PPC,VC/	394	"TW" 15nm	ua58
DNK-NDB	Tirstrup	6	PPC/IRC back	374	"TU" 12w	ua58
EST-NDB	Viljandi	47	PPC/ via H.Palusaar	405	"EWZ" 400W	ua58
F -NDB	Basle/Mulhouse	17	PPC,L/IRC back	376	"BS" 25W	ua58
F -NDB	Roanne/Renaison	15	PPC/	358	"RNN" 25W	ua58
F -NDB	St. Brieu/Armor	10	PPC/	353	"SB" 25W	ua58
F -NDB	St. Yan	10	PPC/	430	"SN" 25W	ua58
FNL-NDB	Vaasa (Seppi)	11	PPC,Busy-cd/dir	357	"SEP" 150W	ua58
G -Holyhead	CG	4	L,I/RP	2182		hb31
G -NDB	Burnham	8	PPC,Busy-cd/	421	"BUR"	ua58
G -NDB	Shoreham	5	PPC,compl cd/	332	"SHM"	ua58
GRC-NDB	Kavouri	38	PPC,note/via Athens	357	"KVR" 800W	ua58
HNG-NDB	Budapest/Ferihegy	17	PPC/ via HQ	335	"BL" 100W	zeTC
HNG-NDB	Jaszbereny	17	PPC/ via HQ	517	"JBR" 100W	zeTC
HNG-NDB	Nyiregyhaza	17	PPC/ via HQ	433	"P" 25W	zeTC
HNG-NDB	Sagvar	17	PPC/ via HQ	348	"SVR" 100W	zeTC
I -NDB	Ancona	99	PPC/	374.5	"ANC" 100W	ua58
I -NDB	Bari/Palese	35	PPC,L,Sti,Stamp/	401	"BPL" 100W	ua58
I -NDB	Falconara	99	PPC/	357.5	"FAL" 50W	ua58
I -NDB	Punta Penna Lt.	40	PPC,VC/	314.5	"TL" 100W	ua58
I -NDB	Viterbo	15	PPC/RP	480	"VIB"	hb31
IWA-D	Ny Frigate Koeln	269	PPC/RP	6779	DRAU	hb31
IWA-NDB	Platform Gorm C	36	PPC,Fo/\$ back	615	"OM" 50W	ua58
IWA-NDB	Platform Heather A	54	PPC,Busy-cd/	330.5	"HR" 150W	ua58
NOR-NDB	Floernes	26	PPC/	380	"FLR" 100W	ua58
POL-NDB	Katowice	22	PPC/	285	"PT" 50W	ua58
ROU-NDB	Bacau	49	PPC/ via HQ	426	"BC" 1kw	ua58
ROU-NDB	Caransebes	49	PPC/ via HQ	330	"CRS" 1kw	ua58
ROU-NDB	Cluj	49	PPC/ via HQ	513	"CLJ" 1kw	ua58
S -NDB	Halmsstad	9	PPC/RP	421	"HS"	hb31
S -NDB	Mora Siljan	5	PPC/RP direct	403	"NM"	hb31
S -NDB	Orust	15	PPC,Sti/RP via G'borg	425	"ORU"	hb31
S -NDB	Trollhaettan	535	f/d L,VC,Map/	399	"FM" 25W	ua58
S -NDB	Vaexjoe	12	PPC,L/	329	"VX" 100W	ua58
SER-NDB	Pozarevac	22	PPC/ via old HQ ads	416	"POZ" 200W	ua58
SER-NDB	Valjevo	22	PPC/ via old HQ ads	390	"VAL" 200W	ua58
SUI-NDB	Bern/Belp	7	PPC,Sti/IRC back	366.5	"BER" 25W	ua58

I N F O S

* GNY-Activities:

Following GNY-units will guard former Yugoslavian coast until the end of March 1996: FGS KARLSRUHE (DRAW) and FGS LUETJENS (DRAE). During winter-vacation there are no further GNY-units operating. ti47

The Bonn - Mostar link, 7898/10219.2, ARQE/72/85, is still active and the indicators GGVHF- Bonn and HFVGG-Mostar, have been noted during traffic - which is rather irregular to say the least! (pcG)

Addis Aero ETD3/3850 ITA2/50/400 has been copied calling "ASM" (presumably Asmara Aero) during late evenings, on VHA circuit, have not found Asmara end yet. (pcG)

Queries Dept:-

Anyone got an up-to-date US MARS Callsign/location list, specifically Europe, i.e. packet stations on 4015?

Any ideas on DDI516 German (?) station on 5252/ITA2/50/170? Met or ??

hb31 has the following: The address of Montreal Air in the Utility Address Handbook and in Siebel/Brannolte is no longer valid. A letter addressed to PO Box 244 in Dorval, PQ was returned. Any new address available? I am also looking for an address of Baffin Air.

N E W P U B L I C A T I O N S

Klawitter, Gerd "Funk-Baken und Indikatorstationen". Meckenheim 1995. pp.48, DM 8.00 This booklet has been designed as a practical aid to evaluate the chances for DX-reception.

It lists indicator beacons, Broadcasting and Utility stations (Air, maritime, Timesignal a.s.o.), which can serve as point of orientation for the reception conditions from a special area into Western Europe. Computer-software for amateur radio indicates only the theoretic possibilities of reception, if a DXer wants to get data for his own potential (receiver, antenna) and for a special moment he needs clues taylored for his own needs. To qualify as indicator a station has to transmit near the frequency of the would-be DX reception, has to transmit round the clock and must be easily to identify. The amateur beacons are treated in a very concise manner, the 10 metre beacons are not listed. For presenting the indicator stations the author divided the world map into 20 regions (e.g. Western USA, Southern Africa, Indonesia and North Australia a.s.o.). Western Europe, Russia, Northern Africa are not included, as these count as short-distance receptions. For every region the author supplies indicator stations for Mediumwave, 2, 4, 6, 8, 10, 12, 15, 18, 21 MHz. This list is followed by explanations, e.g. concerning the distance from Germany to the target area. Included are also short descriptions of the stations listed. The addresses of these stations are given in the appendix.

This is a useful book especially for the beginner, who does not yet have the experience to look for indicators. One shortcoming of the booklet is that it does not take into account the amateur bands as a whole which can be easily used as indicators at least for some of the bands. There are also certain gaps in the indicator lists, especially for Eastern Africa.

This could easily be filled by the African Aero-nets on 8 and 11 Megs.

Bergmann, Klaus and Wolf Siebel "Sender und Frequenzen 1996". Meckenheim 1995, pp. 496, DM 44.80

This book is designed for the Broadcasting DXer. It contains an introduction to Broadcasting-DX on Shortwave and lists nearly every station audible in Western Europe on Mediumwave and Shortwave in country order. General informations and schedules are supplied as well as QSL-informations. As every year there are some interesting infos for Utility DXers, too. There are articles concerning e.g. Australian Armed Forces Radio, Rikisutvarpid via Reykjavik Radio, Radio Kiribati or Radio Saint Helena.

Brannolte, Rainer "Test- und Demonstrations-Cassette 'Funkdienstsendungen'". Meckenheim 1995. Running time 90 minutes. DM 19.80

This cassette deals with the different digital modes which DXers can find on the bands. The author starts with a short introduction into the field of digital modes (technical basics, transmission systems a.s.o.) and with a series of test tones (800, 1750 and 1900 Hz) for testing the running speed of the recorder and for the exact tuning. The main part of the tape consists of the presentation of different digital modes. The modes are presented with their typical sounds. These examples are from news agencies and governmental stations recorded "live" from the shortwave bands (every example lasts several minutes and is preceded by an explanation). The author starts with the most "traditional" modes, i.e. 50 Baud, 75 Bauds and 100 Bauds, where 50