

UTNL1992

Hi folks. Happy New Year to all of you. The NL starts into its 7th year and I think it starts very well thanks to many nice contributions:

NON DIRECTIONAL BEACONS

276	0234	RD	V,,sterås/Hasslo	S	id	mo67
285	0232	LC	Linköping/Malmen	S	id	mo67
286.5	2200	TA	Villacoublay	F	id+dash	mo67
287.3	0219	LE	æba Rear Lt.	POL	id+dash	mo67
287.3	0432	JA	Jaroslawiec Lt.	POL	id+dash	mo67
287.3	2200	SK	Smith's Knoll Lv.	G	id+dash	mo67
287.3	2314	SŠ	SŠte Lt.	F	id+dash	mo67
287.3	2318	BR	Cape Bar Lt.	F	id+dash	mo67
289	0432	HR	H,ricourt	F	id+dash	mo67
293	2354	BW	Mende/Brenoux	F	id+dash	mo67
294.2	2350	PA	Cabo de Palos Lt.	E	id+dash	mo67
294.2	2352	NO	Cabo de la Nao Lt.	E	id+dash	mo67
304a	0710	GED	Unid		id	mo67
305	0548	S	Mariehamn	FNL	id	mo67
322	2121	HYE	Hyšres	F	id+dash	mo67
324	0441	ON	Norrköping	S	id	mo67
324	2225	AS	Kemi/Tornio	FNL	id	mo67
324	2345	AS	Kemi	FNL	id	ai41
328	0448	CL	Carlisle	G	id	mo67
328	0600	OLS	Paris/Orly	F	id	mo67
328	2139	HIG	San Sebastian	E	id	mo67
329	0601	GU	Umeå	S	id	mo67
330	0543	LNA	Lena	S	id	mo67
331	0151	KAN	Kangasniemi	FNL	id	mo67
333	0544	LE	V,,sterås/Hasslo	S	id	mo67
334	0445	MOS	Mostaghanem	ALG	id	mo67
334	0447	FK	Verhneye/Vysotskoye	UKR	id	mo67
334	1459	FAU	Rinne/Fauna	DNK	id	mo67
335a	0545	SA	Unid		id	mo67
338	0556	OA	Jönköping	S	id	mo67
340	0549	KAI	Kaipiainen/Utti	FNL	id	mo67
341	0550	POR	Pori	FNL	id	mo67
341	2316	IS	Ajaccio	F	id+dash	mo67
341.5	2228	AMB	Amboise/Dierre	F	id+dash	mo67
344	0551	KUL	Kullen	S	id	mo67
344	0552	HEK	Heka	FNL	id	mo67
345	0554	BN	Birkeland	NOR	id	mo67
346	0155	GS	G,,vle/Sandviken	S	id	mo67
346	0556	MI	Mikkeli	FNL	id	mo67
350	0157	GLG	Glasgow	G	id	mo67
352	2344	PSJ	Ilmajoki	FNL	id	mo67
354	2144	FIN	Finno	FNL	id	zeTC
356	2330	RSY	Charles de Gauloise	F	id	ai41
361	0135	MAK	Brussels/Mackel	BEL	id+dash	ai41
362	0123	NPL	Napoli	I	id	ai41
363	0159	OE	Kristianstad/Everöd	S	id	mo67
363.5	0118	BRD	Brindisi	I	id	ai41
365	0458	VS	Tampere/Pirkkala	FNL	id	mo67
365a	0544	BZ	Unid		id+dash	mo67
366	0110	KM	Kalmar	S	id	ai41
366	0559	KM	Kalmar	S	id	mo67
367	0052	JEY	Jersey	G	id	ai41
367	0456	SIE	Siedlce	POL	id	mo67
368	0203	RK	Copenhagen/Roskilde	DNK	id	mo67
374.5	0058	RB	™rebro	S	id	ai41
375	2259	TR	2/4 Tor E	IWA	id	ai41
375a	2106	ZD	Unid		id	mo67
377	0206	KN	Norrköping/Kungsängen	S	id	mo67
378	0208	OK	Pleshchenitsy	BYR	id+dash	mo67
378	0209	KLY	Dublin/Killiney	IRL	id	mo67
380	0134	ULA	Ula	IWA	id	ai41
380	0210	LF	Rinneby	S	id	mo67

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380	2110	VNV	Villanueva	E	id	mo67
380	2309	BRI	Bristol/Lulsgate	G	id	mo67
381	0055	SIB	Sibiu	ROU	id	ai41
381	0121	AB	Akraberg	FAR	id	ai41
381	0546	RY	Rygge/Enge	NOR	id	mo67
381	1509	AB	Akraberg	FAR	id	mo67
383	0206	SHD	Scotstownhead	G	id	mo67
385.5	2320	KDN	Tunis/Carthage	TUN	id	mo67
387	0213	CML	Clonmel	IRL	id	mo67
389	0205	MR	Skien/Myra	NOR	id	mo67
389	0450	RK	Turku	FNL	id	mo67
389	0454	HY	Skive	DNK	id	mo67
391	0452	VOL	Bergen/Vollo	NOR	id	mo67
393	0046	HAP	Haapajarvi	FNL	id	ai41
393	0521	HAP	Haapajarvi	FNL	id	mo67
394	0444	NV	Nevers	F	id+dash	mo67
395	2322	HEN	Henton	G	id	mo67
396	0035	HYV	Hyvink,,,	FNL	id	ai41
396	0437	ME	Manchester	G	id	mo67
397	0433	NF	Falk"ping	S	id	mo67
397	0435	OP	Dublin	IRL	id	mo67
399	0219	FM	Trollh,,ttan	S	id	mo67
399a	1035	MEG	Unid		id	mo67
400	2259	EN	™rebro	S	id	mo67
401	0221	MB	Emmabodda	S	id	mo67
402	0220	LX	Eskilstuna	S	id	mo67
404	0231	NL	Nolsí	FAR	id	mo67
405	0222	AV	G"teborg/S,,ve	S	id	mo67
416	0020	MTA	Malta	MLT	id	ai41
418	2323	ORA	Oradea	ROU	id	ai41
419	2352	HY	Vaasa	FNL	id	ai41
423	0001	PHG	Unid		id	ai41
423	0003	FE	Odense	DNK	id	ai41
423	0005	QB	Unid		id	ai41
423	1456	FE	Odense	DNK	id	mo67
426.5	0001	MIQ	Mike	D	id	ai41
433	2334	GR	Unid		id	ai41
435	2315	JBR	Jaszbereny	HNG	id with "E"	ai41
440	2154	SLN	Sollingen	D	id+dash	zeTC
450	0234	PDV	Plovdiv	BUL	id+dash	mo67
465a	0154	LO	Unid		id	mo67
466	0158	CTX	Chateauroux	F	id+dash	mo67
480	0151	VIB	Viterbo	I	id (new on this freq?)	mo67
669.5	2230	SWY	Stornoway/Hebrides	G	id	zeTC

M A R I T I M E

1650	0010	SAH	H,,rn"sand R.	S	SW wkg	zeTC
1726	1941	GUD	Jersey R.	G	E wkg	zeTC
1806	1951	IZN	Porto Torres R.	I	I wx	zeTC
2182	0026	GDNA	Platform Hutton TLP	IWA	E wkg vessel	ai41
2182	0146	3VT	Tunis R.	TUN	E wkg Kerkyra R.	ai41
2182	0259		St. John's CGR.	CAN	E wkg Grand Banker	hb31
2182	0307		MS Maersk Dispatcher	IWA	E clg Sedco 712	hb31
2182	0310		MS Benarmin Explorer	IWA	E clg Cullercoats	hb31
2182	0852	GVAZ	Platform Claymore A	IWA	E wkg Maersk Vinlander	ai41
2182	1458		Rig Kingsnorth Explorer	IWA	E wkg wick	ai41
2182	1514	GFZY	Platform North Alwyn	IWA	E wkg Star Vega	ai41
2182	1550	HP5508	Rig Sta F, Monitor	IWA	E wkg Ekofisk H	ai41
2182	1550	LF6V	Platform Ekofisk H	IWA	E wkg rig	ai41
2182	1605	2WJE	Platform Ninian North	IWA	E wkg ship	ai41
2182	1613	GHNT	Platform Conoco P	IWA	E wkg vessel	ai41
2182	1653	GFJQ	Platform Clyde A	IWA	E clg BP711	ai41
2182	1703	SVK	Kerkyra R.	GRC	GR wkg SWIH	ai41
2182	1708	WFWB	Rig Rowan California	IWA	E wkg rig	ai41
2182	1806	CUL	Lisbon R.	POR	E/P anns for tfc	ai41
2182	1812	DPBA	Kapit,,n Bleeker Pilot	IWA	G wkg OEMV	ai41
2182	1816		MS Cam Voyager	IWA	E wkg Cullercoats	mo67

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2182	1820	4XO	Haifa R.	ISR	E wkg	ship	ai41
2182	1822		Ems Pilot	IWA	G clg	ship	ai41
2182	1822		Rig Sta F, Galaxy I	IWA	E wkg	Stonehaven	ai41
2182	1838	KNJH	Rig Charles Rowan	IWA	E wkg	Humber	ai41
2182	1842	GFKZ	Fraserburgh Lifeboat	IWA	E wkg	wick	ai41
2182	1846	2QXZ	Platform Tartan A	IWA	E wkg	vessel	ai41
2182	1848	MOMT	St. Ives Lifeboat	IWA	E wkg	Land's End	ai41
2182	2006		Rig Neddrill 3	IWA	E wkg	Humber	mo67
2182	2007		Rig Rowan Gorilla 2	IWA	E wkg	Humber	mo67
2182	2012		Rig Borgsten Dolphin	IWA	E wkg	wick	mo67
2182	2025	GFRC	Aith Lifeboat	IWA	E wkg	wick	ai41
2182	2044	SVR	Rodos R.	GRC	E qsy	2624	zeTC
2182	2125		MS British Enterprise	IWA	E wkg	Stonie	mo67
2182	2136		Annaba R.	ALG	F clg	Tunis R.	mo67
2182	2139		MS Atlantic Defender?	IWA	E wkg	Stonie	mo67
2182	2151		MS Black Isle	IWA	E wkg	Seabord Supreme	mo67
4245	1705	UFN	Novorossiysk R.	UKR	cw-de		mm35
6386.5	2106	ZSJ	AFS Ny Silvermine	AFS	cw-cq		ht43
6403	0802	CLJ	Caibarien R.	CUB	cw-cq		zeTC
6416.5	2112	7TF4	Boufarik R.	ALG	cw-cq		ht43
6467	2304	VTG	IND Ny Bombay	IND	cw-vvv		fd40
6470.5	0054	6YI	Kingston R.	JAM	cw-cq		hb31
6471	2119	SXA24	GRC Ny Spata Attikis	GRC	cw-vvv		ht43
6501	0730	TBB6	TUR Ny Ankara	TUR	cw-vvv		hb31
8294	0735	WPE	TCI Jacksonville,FL	USA	E wkg	ship	ai41
8418	0730	XSG	Shanghai R.	CHN	cw-SITOR		mmHK
8419	1615	UAT	Moscow R.	RUS	cw-de		mm35
8422	1345	UAH	Tallinn R.	EST	cw-SITOR		mm35
8429	0732	NMO	USCG Honolulu	HWI	cw-SITOR		mmHK
8433	0733	XSQ	Guangzhou R.	CHN	cw-SITOR		mmHK
8445	1354	A4M	Muscat R.	OMA	cw-de		hb31
8446	1450	UQK	Riga R.	LAT	cw-de		ht43
8457	2158	LSA	Boca R.	ARG	cw-vvv		fd40
8460.5	2325	PPL	Belem R.	B	cw-vvv		fd40
8461	0012	CBA	Antofagasta R.	CHL	cw-cq		ai41
8461	2325	CBV	Valparaiso R.	CHL	cw-cq		fd40
8472	1500	SUP	Port Said R.	EGY	cw-cq		ht43
8504	1511	ZLW	Wellington R.	NZL	cw-de	Awarua listed?	ht43
8506	0727	XSX	Keelung R.	TWN	cw-cq		mmHK
8511	1853	XSW	Kaohsiung R.	TWN	cw-cq		fd40
8539	2233	VPS	Cape d'Aguilar R.	HKG	cw-cq		fd40
8568.5	0023	XFM	Manzanillo R.	MEX	cw-cq		fd40
8570	1925	NRV	USCG Apra Harbour	GUM	cw-cq		fd40
8573	2236	CLA	Habana R.	CUB	cw-cq		fd40
8574	2334	HKC	Buenaventura R.	CLM	cw-cq		fd40
8582	2225	XSN	Ningbo R.	CHN	cw-cq		fmI
8582	2245	XSN	Ningbo R.	CHN	cw-cq		fd40
8602	0037	CWA	Cerrito R.	URG	cw-cq		fd40
8604.5	2311	DZJ	Bulacan R.	PHL	cw-cq		fd40
8628.5	2110	NOJ	USCG Kodiak	ALS	cw-cq		mm35
8653.6	2130	HLW	Seoul R.	KOR	cw-cq		fd40
8687.6	1004	URD	St. Petersburg R.	RUS	cw-de		mm35
12353	2113	WHW310	Unid	USA	E wkg	MS Bold	ai41
12660	1028	WLO	Mobile R.	USA	cw-de		ht43
12709.2	2330	XFQ	Salina Cruz R.	MEX	cw-cq		fmI
12969	1125	XSV	Tianjin R.	CHN	cw-cq		fd40
12970.5	1022	PKB	Belawan R.	INS	cw-cq		fd40
12994	1048	VIP4	Perth R.	AUS	cw-vvv		ht43
13060.5	1340	7OA	Aden R.	YEM	cw-de		fd40
16423	1102		MS Tirgu Ocna	IWA	ROU wkg	PETROMIN	fs74
16423	1220		MS Oltenia	IWA	ROU wkg	PETROMIN	fs74
16909.7	1100	UJO	Izmail R.	UKR	cw-		ai41
16915	1457	FUX	F Ny Saint Denis	REU	cw-vvv		ht43
16916.5	1500	WSC	Tuckerton R.	USA	cw-cq		ht43
17305	1000		PETROMIN R.,Constanta	ROU	ROU clg	ships	fs74
22548	1123	TAH	Istanbul R.	TUR	cw-de		ht43
22592a	1129	A9M	Hamala R.	BHR	cw-de		ht43

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

338	0745	Hongkong Volmet	HKG	E wx/NDB	mmHK
3467	2105	Delhi Air	IND	E wkg unid	hb31
4645	0422	Tallin Meteo	EST	R wx	zeTC
4700	2000	Pula (kind of stn?)	CRO	CROAT wkg Rijeka LSB	fs74
5535	0540	LDOC Speedbird London	G	E wkg a/c	zeTC
5601	2045	Bombay Air	IND	E clg Delhi	hb31
5637	1737	Kalamata Air	GRC	GR wkg Athens	fs74
5637	1742	Thessaloniki Air	GRC	GR wkg Athens	fs74
5637	1746	Kavala Air	GRC	GR wkg Athens	fs74
5637	1755	Iraklion Air	GRC	GR wkg Athens	fs74
5658	2057	Lahore Air	PAK	E wkg Singapore 22	hb31
5658	2134	Kabul Air	AFG	E wkg Cathay 251	hb31
6556	2235	Kuala Lumpur Air	MLA	E wkg Gulf Air 148	hb31
6997	0855	"Sasso" I AF Martina Franca	I	I wkg B1M	fmI
night freq is 3158, on these freq is also "Rupe", IAF Monte Venda, nr. Padua					
8819	0315	Rainbow R.	CAN	E wkg Air Canada	mm35
8861	0425	Canarias Air	CNR	E wkg Varig 705	mm35
8879	2157	Lilongwe Air	MWI	E wkg Lusaka	mm35
8891	1620	Delhi Air	IND	E clg Bombay new qrg?	hb31
8891	1628	Churchill Air	CAN	E wx	hb31
8891	1840	Cambridge Bay Air	CAN	E wkg KLM	hb31
8903	0846	Naha Air	J	E wkg Continental 917	mmHK
8930	1447	LDOC Malev Budapest	HNG	HNG wkg HA-LEH	mm35
8942	0803	Vientiane Air	LAO	E wkg Saudia 3392	mmHK
8942	0853	Hongkong Air	HKG	E wkg Cathay 751	mmHK
8942	0857	Manila Air	PHL	E wkg Bangladesh 737	mmHK
8942	1929	Ho-chi-Minh Air	VTN	E wkg Singapore 1104	mm35
8945	2232	INS LDOC?	INS	INS wkg	hb31
8993	1650	R Ny Portland	G	E wkg GAGA	mm35
8993	2245	USAF McDill	USA	E clg a/c	hb31
9002	1500	IEL21 Mil Region HQ Firenze	I	I coord. SAR mission	fmI
here also SAR Monte Venda/Padua "Venda", at 1615 qsy to 5685 kHz SAR freq					
10018	2135	Bombay Air	IND	E wkg Indonesian 978	mm35
10066	1721	Dhaka Air	BGD	E wkg Cathay 261	ai41
10066	1732	Yangoon Air	MYR	E wkg a/c 841	ai41
11176	1840	USAF Ascension	ASC	E wkg Mac 760B	ai41
11176	1849	USAF Ascension	ASC	E ending patch	mo67
11182	1205	LBJ NOR Mil Oslo	NOR	E wkg W7P	mm35
11363	1438	LDOC Tarom Bucharest	ROU	cw-wkg YR-IMF	mm35
11363	1755	LDOC Monarch Air HeathrG	HRG	E wkg Monarch 063	mm35
11384	1530	Sofia Air	BUL	BUL wkg "UV"	mm35
13201	1659	USAF Thule	GRL	E wkg MAC 70037	mo67
13225	1510	LDOC Alia Amman	JOR	E wkg Jordanian 118	mm35
13333	0747	LDOC Hongkong Dragon	HKG	E wkg Cathay	mmHK
17934	2047	LDOC Iberia Sto Domingo	DOM	S wkg Iberia 921	mm35
23227	1150	USAF Inçirlik	TUR	E wkg MAC 970	fs74

F I X E D B A N D S

2500	2059	RCH	TS Tashkent	UZB	cw-vvv cq, ts	zeTC
3330	0632	CHU	TS Ottawa	CAN	E/F id, ts	zeTC
3678	1938	SXH32	GRC Ny Chania	GRC	cw-vvv	zeTC
4079	0000	P	Beacon Kaliningrad	RUS	cw-id	zeTC
4755	1713	BTV	Unid		cw-vvv cq	zeTC
4950	1440	IEB21	I Army Torino	I	I clg IEB31	hb31
5000	1513	ATA	TS New Delhi	IND	E id, ts	zeTC
5000	2259	BPM	TS Lintong	CHN	cw-id, CH id	zeTC
5760	0550	OVG	DNK Ny Frederikshavn	DNK	cw-vvv	zeTC
7050	1520	RNN58	PTT Moscow	RUS	R wkg	fmI
7512.5	1239	JXL	Loran B1	NOR	E wkg TFR2	ai41
7512.5	1239	JXP	Loran Jan Mayen	JMY	E wkg TFR2	ai41
7515	1056	FDG	F AF Bordeaux	F	cw-vvv	hb31
7540	1444	ROK28	PTT Moscow	RUS	E vm-f	zeTC
7850	0029	ZOD1	Police HQ Roseau	DMC	E wkg J8P	ai41
7850	0030	J8P	Police HQ Kingstown	VCT	E wkg ZOD1	ai41
7850	2213	8PZ	Police HQ Bridgetown	BRB	E clg J6P	ai41

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8148	1910	OVG	DNK Ny Frederikshavn	DNK	cw-vvv	mm35
9106	0003		BAS Faraday	ANT	E wkg Halley 4	mm35
9106	2340	ZDLG	MS Bransfield	IWA	E wkg Faraday	ai41
9106	2340	ZHF44	BAS Faraday Base	ANT	E wkg Bransfield	ai41
9106	2345	ZHF45	BAS Rothera	ANT	E wkg Faraday	ai41
9106	2346	ZHF33	BAS Signy Base	ANT	E wkg Faraday	mm35
9106	2352		Visler Cock ??	ANT	E wkg Bransfield	ai41
9106	2354	VSD	BAS Halley 4	ANT	E wkg Rothera	mm35
9106	2356		BAS Bird Island	SGO	E wkg Rothera	mm35
9106	2356		BAS Halley 4	ANT	E wkg Faraday	ai41
10810	1453		KCWS Pyongyang	KRE	E vm-f	zeTC
13974	1959	NNNOERA	MARS Cape Coral,FL	USA	E wkg N0CNX	ai41
14360	1227	KWS78	US Emb Athens	GRC	cw-gra	hb31
14390.5	1900	AGA7BI	MARS Bitburger Pils	D	E wkg AFA1FX&AFF2SP	ai41
14391.5	0002	NNNOIGD	MARS Fort Myers,FL	USA	E wkg ships	ai41
14441.5	1814	NNNOERA	MARS Cape Coral	USA	E wkg N0CVG	hb31
14441.5	2141	NNNONUW	MARS whidbey Island,WA	USA	E wkg	ai41
14467	0003	NNNOXEN	MARS Cheltenham,PA	USA	E wkg N0CYZ	ai41
14470	1833	NNNOZEC	MARS Greenville	USA	E wkg N0CBR	hb31
14477	0027	NNNOMET	MARS Santa Ana,CA	USA	E wkg N0CZI	ai41
19110	1537		MFA Jakarta	INS	INS wkg	fmI
20000	1500	WWV	TS Fort Collins	USA	E ids, ts	zeTC

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

2892.3	1939	GYA	R Ny whitehall	G	"O2D O3C.."	75	pcG
3040.7	1923		Unid		wx oil rig? TOR	B100	pcG
3196	1918		Prague Meteo	TCH	meteo msgs	50	pcG
4788	2020		Dakar Meteo	SEN	ry	50	fmI
4813	2106	LZA8	Sofia Meteo	BUL	meteo msgs	50	pcG
4978	1000		Bundeskriminalamt Bonn	D	id ARQ E	72	msNL
7457	1030	AGA7BI	USAF MARS Bitburg	D	wkg AGA7RM Packet	300	fmI
7972	2150	XVN	Hanoi Meteo	VTN	wx	50	fmI
10213	1017	CNM29	MAP Rabat	MRC	F nx	50	pcG
10873.5	1515		I Emb Vienna	AUT	5lgps Rome SIT-A		fmI
13846.7	1636		FF Le Port	REU	contr.voie ARQ E3	100	msNL
14478	1115		UNHCR Geneva	SUI	E nx SIT A		msNL
14478.5	1516	OEC	MFA Vienna	AUT	APA nx ARQ S	96	msNL
14547.5	0959	JAL44	Kyodo Tokyo	J	gra	50	pcG
14674	1532	DFZG	MFA Belgrade	YUG	E nx	75	msNL
14776.8	1542	RPTI	POR Ny Ponta Delgada	AZR	foxes	75	msNL
14964	1102	RFFXL	FF Beirut	LBN	msgs ARQ E	72	msNL
14989	1555	TNL	ASECNA Brazzaville	COG	met msgs ARQ M2	96	msNL
16031.4	0930	RBI75	PTT Moscow	RUS	clg Kaboul ARQ342	96	pcG
16236.6	1121	YAB9	PTT Kabul	AFG	to Moscow ARQ342	96	pcG
16246.7	1342		VOA Tangier	MRC	clg Greenville	50	pcG
16339.5	0800	"CJL"	Emb?	CYP?	gra&5lgps ARQ E	96	pcG
17462.7	0845		F AF N'Djamena	TCD	coded msg ARQ M2	200	msNL
17469	0753		I Emb Moscow	RUS	chatting ARQ E3	96	msNL
18073	0925	LRO84	Buenos Aires Meteo	ARG	fax		msNL
18388.6	1008	5AF	Tripoli Air	LBY	qjh HLLTYF	50	pcG
18441.2	1050	JMJ5	Tokyo Meteo	J	fax		msNL
18443	1537	IPG20	MFA Rome	I	wkg ARQ E	96	msNL
18487.9	1038	LJA30	MFA Oslo (Selcal KFQB)	NOR	wkg T Aviv SIT A		msNL
18487.9	1039	LJA21	NOR Emb Tel Aviv	ISR	wkg Oslo SIT A		msNL
18597.5	1200	EAE220	MFA Madrid	E	F7B 1	100	msNL
18687.9	1438	SAM1	MFA Stockholm	S	5lgps ARQ SWED		msNL
18687.9	1452	SAM35	S Emb Belgrade	S	to Stockh. ARQ SWED		msNL
18788	1714		SUNA Khartoum	SDN	E nx	50	pcG
19111.5	1530		MFA Jakarta	INS	E/INS nx ARQ242	96	fmI
19204.8	1138	RFLI	FF Fort de France	MRT	contr.voie ARQ E3	100	pcG
19292	1156	DZFG	MFA Belgrade	YUG	SER/CRO nx	75	pcG
19575.9	1245	ORI49	PTT Brussels	BEL	to Lubumba. ARQ M2	242	msNL
19811.2	1055	HGX21	MFA Budapest	HNG	msgs DUP-ARQ		msNL
20348.4	1440	9RE203	PTT Lubumbashi	ZAI	grams ARQ M2	242	msNL
20385	1032	RFFX	F Army Versailles	F	coded ARQ E	72	msNL
20584	1545		SALCOST Bumbuna	SRL	to Rome SIT A	100	msNL
20584	1604		SALCOST Rome	I	to Bumbuna SIT A	100	msNL

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20960	1049	JAL54	Kyodo Tokyo	J	E nx		50	pcG
22833.5	1610	3ZL301	POL Base King George	ANT	grams	SIT A		msNL
23120	1220		I Emb Lagos	NIG	to Esteri	ARQ E	96	pcG
23305.2	0914	RFQP	FF Djibouti	DJI	contr.voie	ARQ M2	200	msNL
24232	1017		BUL Emb ?		msgs		75	pcG
24458.3	1045	FJY2	PTT Port-aux-Français	KER	grams	ARQ E3	96	msNL
Klingenfuss lists Dumont d'Urville,but msgs frm KER dominate...								
25419.4	1418		G Emb Buenos Aires	ARG	msg to Bonn	ARQ E	96	msNL
25420.6	1420	DMK	MFA Bonn	D	to B.A.	ARQ E	96	msNL

mmHK was mm35 in Hongkong
 SALCOST is Salini Costruttori s.p.a., Rome

Q S L R E V I E W

ALB-Drres R.	1357	PPC,L/IRC,VC,Fo	8694	ZAD		1kw	dp41
AUT-NDB Rattenberg	127	PPC/VC,SASE	303	"RTT"		200w	ai41
AUT-NDB Salzburg	27	PPC/VC,SASE	382	"SBG"		200w	ai41
AUT-UN HQ AUSBATT Salzburg	27	PPC,C,L,6S/PPC,IRC	23750	OEY42		700w	dp41
B -Campo Grande Air	150	PPC,VC/VC,IRC dir	8855			1kw	ai41
BHR-Falcon Bahrain	42	PPC,L/	11354				fmI
CAN-Charlottetown CGR.	33	PPC,L,Fo's,I/IRC..	2582	VCA		1kw	dp41
CAN-Labrador CGR.	22	PPC,L/Fo,VC,IRC	2182	VOK		1kw	dp41
CAN-Resolute CGR.	40	PPC,VC,L,I/IRC,VC	2182	VFR		5kw	dp41
CAN-Rivišre-au-R,nard CGR.	33	PPC/IRC,VC,Fo	2582	VCG		1kw	dp41
CAN-Sept-Iles CGR.	44	PPC/Fo,VC,IRC	2598	VCK		1kw	dp41
CAN-Stephenville CGR.	24	PPC,L,Fo's/IRC,VC	2582	VOJ		1kw	dp41
CAN-Yarmouth CGR.	22	PPC,I/Fo,VC,IRC	2182	VAU		1kw	dp41
CYP-BFBS Akrotiri	18	F,L/IRC	15670			10kw	mm35
D -MARS Vilseck	13	PPC/RP	20994	AEM1VLK			hb31
D -NDB Gatow	56	PPC/VC,SASE	370.5	"GW"		50w	ai41
D -NDB Machern	46	PPC/VC,SASE	335	"MRN"		50w	ai41
D -NDB Trent	53	PPC/VC,SASE	348	"TRT"		50w	ai41
D -Rettungsflugwacht Filderst.	20	PPC,L,I/	8930				fmI
D -Rettungsflugwacht Filderst.	65	PPC,L/SASE	8930			1kw	mm35
D -Rgen R.	300	C/	1719				fmI
DMC-Police HQ Roseau	30	PPC/VC,1\$ back	7850	ZOD1		100w	ai41
DNK-DNK Ny Frederikshavn	69	C,VC/Fo,VC,IRC	11435	OVG			dp41
E -Barcelona Volmet	12	PPC/RP	127600			45w	mm35
E -NDB Cabo Machichaco Lt.	69	PPC/RP dir	296.5	"MA"			hb31
E -NDB San Sebastian	72	PPC,VC,I/VC,SASE	328	"HIG"		200w	ai41
E -NDB San Sebastian	75	PPC/RP dir	328	"HIG"			hb31
FNL-NDB Turku	9	C/VC	389	"RK"		350w	zeTC
G -BFBS London Feeder	15	C/VC	12127				zeTC
G -NDB Falls Lv.	51	PPC/VC,SASE	305.7	"FS"			ai41
G -NDB Glasgow	63	PPC/VC,SASE	325	"AC"		100w	ai41
G -NDB Northforeland Lt.	60	PPC,L/VC,SASE	301.1	"NF"		15w	ai41
G -NDB Pladda Lt.	101	PPC,VC/VC,SASE	294.2	"DA"		20w	ai41
G -USAF Croughton	34	PPC,L/1\$	11176				mm35
GRC-HNG Emb Athens	30	PPC,L/	10853	HGX22			fmI
GRL-DNK Ny Sirius-Daneborg	68	PPC,2Fo's,badge/	11435	OVH		300w	dp41
GRL-USAF Thule	30	PPC,Folder/IRC,VC	17972	XPH	secret		dp41
I -Rome Meteo	52	PPC,L,S/IRC back	11452	IMB		5kw	dp41
I -Venezia R.	18	PPC/RP	2698	IPN			hb31
IAI-A/C Clipper 73	35	PPC/Fo,VC,IRC	8930				dp41
IAI-A/C Delta 10	38	PPC,2VC,L/Fo,VC	8930	AHDM		200w	dp41
IRL-NDB Clonmel	75	PPC,L,I/VC,IRC	387	"CML"		50w	ai41
IRL-NDB Foynes	75	PPC,L,I/VC,IRC	395	"FOY"		50w	ai41
IRQ-UNHCR Baghdad	25	PPC/	14478				fmI
IWA-G Ny Depot Vessel Elbe	5	PPC/RP,VC,Fo	5680	DRHQ		1kw	dp41
IWA-G Ny Diving Vessel Juist	29	PPC/RP,VC,Fo	5680	DRNM		100w	dp41
IWA-G Ny Landing Vessel Inger	21	PPC,Fo/RP,VC,Fo	5680	DRIV		100w	dp41
IWA-G Ny Minesweeper Pollux	5	PPC,Fo/RP,VC,Fo	5680	DRFB		100w	dp41
IWA-G Ny Minesweeper Wolfsburg	11	PPC,L/RP,VC,Fo	5680	DREE		100w	dp41
IWA-G Ny Submarine "U 16"	9	PPC/RP,VC,Fo	5680	DRDJ	secret		dp41
IWA-G Ny Submarine "U 17"	11	PPC/RP,VC,Fo	5680	DRDK		100w	dp41

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IWA-G Ny Submarine "U 18"	15	PPC, Fo's/IRC, VC	5680	DRDL	100w	dp41
IWA-G Ny Submarine "U 26"	19	PPC/RP, VC, Fo	5680	DRDT	100w	dp41
IWA-G Ny Submarine "U 30"	14	PPC/RP, VC, Fo	5680	DRDX	100w	dp41
IWA-G Ny Tug Norderney	73	PPC, L, Fo/RP, VC, Fo	5680	DRLK	100w	dp41
IWA-HMS Fearless	33	PPC, Fo, I/VC, SASE	16363	GKYQ	600w	ai41
IWA-MS Alster Rapid	15	PPC, L/VC, SASE	back2182	DARK	400w	ai41
IWA-MS Cam Tiger	232	PPC, Ham-C/VC, SASE	2182	GWV		ai41
IWA-MS Cambridge Service	26	L, PPC/RP	2182	GCRG		hb31
IWA-MS Caribia Express	48	PPC/VC, IRC	16528	DGCE	1.5kw	ai41
IWA-MS Heinrich S.	66	PPC/VC, SASE	16528	V2GD		ai41
IWA-MS Lowland Prowler	100	PPC/VC, SASE	2182	GCDV		ai41
IWA-MS Maersk worker	27	PPC/VC, SASE	2182	GVHD	400w	ai41
IWA-MS Magdalene	71	PPC, I/VC, IRC	16528	DJSD	450w	ai41
IWA-MS MSC Laura	20	PPC/VC, IRC	16528	DAHC	1kw	ai41
IWA-MS Rosemarie	876	PPC/VC, SASE	2182	PHDW		ai41
IWA-MS St. Magnus	117	PPC/VC, IRC	16587.1	V2HE	1.5kw	ai41
IWA-NDB 2/4 E Tor Platform	10	PPC/VC, SASE	375	"TR"	25w	ai41
IWA-Pilot Kapit.,n Bleeker	11	PPC/VC, SASE	1665	DBPA	200w	ai41
IWA-Platform North Alwyn	17	PPC, Fo's, L/VC, SASE	2182	GFZY	250w	ai41
IWA-Platform Viking A	39	PPC, C/VC, SASE	2182	MUHM	200w	ai41
IWA-Rig Maersk Vinlander	20	PPC/VC, SASE	2182	ZCAH7	400w	ai41
IWA-Rig Rowan California	19	PPC, L/VC, SASE	2182	WFWB	250w	ai41
IWA-Rig Santa F, Monitor	19	PPC, L/VC, SASE	2182	HP5508	150w	ai41
IWA-Rig West Venture	13	PPC, L, I/VC, SASE	2182	GJNR		ai41
LUX-NDB Diekirch	7	PPC/VC, IRC	307	"DIK"	50w	ai41
MEX-Acapulco R.	21	L/Fo, VC via Centr	12725	XFA	1kw	dp41
MEX-Salina Cruz R.	21	L/Fo, VC via Centr	12708	XFQ	1kw	dp41
MTN-SNIM Nouadhibou	45	PPC, VC/	8005	5TQ2	1kw	fmI
MTN-SNIM Zouerate	50	PPC, VC/	8175	5TQ7	1kw	fmI
MWI-Lilongwe Air	48	PPC, Fo, L/Fo, VC, IRC	8879		1kw	dp41
NIG-Lagos R.	301	PPC, L/VC, IRC, 1\$	16861.5	50W	3.5kw	ai41
NOR-NDB Geitungen Lt.	131	PPC, Fo/VC, SASE	312.6	"GU"	100w	ai41
RUS-Novorossiysk R.	59	L, PPC/VC, Stamps	8571	UFN	5kw	ai41
RUS-Novosibirsk Volmet	43	PPC, L, 4VC/PPC, IRC	10090		1kw	dp41
RUS-Vladivostok Fishery R.	50	PPC, L, 9VC!, IRC	back16912	UKA	5kw	dp41
RUS-Yuzhno-Sakhalinsk R.	43	PPC, L, VCS/IRC, VC	11025	UHO2	1kw	dp41
S -NDB "rebro	14	PPC/VC	375	"RB"	75w	zeTC
S -NDB Rinneby	27	PPC/VC	380	"LF"	50w	zeTC
S -NDB Vargarda	65	PPC/VC, SASE	280	"VG"		ai41
SYR-AUSBATT UNDOF Golan Heights	27	PPC, C/PPC, IRC	23750	OEY32	1kw	dp41
TCH-MFA Prague	96	PPC/	18300	OMZ		fmI
UKR-Izmail R.	60	PPC, L, FoI/PPC, IRC	12965	UJO	1kw	dp41
USA-MARS Belleview, FL	380	PPC/VC, SASE	14465.5	NNN0ERM	500w	ai41
USA-MARS Cape Coral, FL	98	PPC, Ham-C/VC, SASE	14467	NNN0ERA	3kw	ai41
USA-MARS Greenville, TN	65	PPC, L, Ham/VC, SASE	14470	NNN0ZMH	1.8kw	ai41
USA-MARS Jacksonville, FL	52	PPC, S/VC, SASE	14477	NNN0FLH	2kw	ai41
USA-MARS Prospect Harbour, ME	25	Ham-C/VC, SASE	20678.5	NNN0IBM		ai41
USA-MARS Tallahassee, FL	50	Ham-C/VC, SASE	14470	NNN0LNB		ai41

ADDRESSES / VERIE - SIGNERS

BFBS Akrotiri Feeder: SSVC Service Sound and Vision Corporation/BFBS, Mr. M. E. Townley, Engineering Manager, BFPO 53, Episkopi, Cyprus
 USAF Croughton GCCS, Rita Whitley, TSgt., USAF/NCOIC of GCCS, 2130 CG/DOJA, RAF Croughton, Nr. Brackley, Northants NN13 5NQ, U.K. (mm35)

NDB Barbados "BGI": Civil Aviation - Barbados (Technical), Air Traffic Services Building, Grantley Adams International Airport, Christ Church, Barbados, W.I.

NDB Saint Vincent "SVI": Civil Aviation Dept., DFCS Aeradio, E. T. Joshua Airport, Arnos Vale, Saint Vincent and the Grenadines

NDB Bonaire "PJB": Luchthavendienst Bonaire, Flamingo Airport Bonaire, Plasa Medardo S. V. Thielman 1, Kralendijk, Bonaire, N. Antilles (fd40)

Gulf Air LDOC "Falcon Bahrain": Majeed Sharif, Comms Manager, P.O.Box 138, Bahrain

SNIM-SEM Zouerate & Nouadhibou: Ahmed Labeid, B.P. 42, Nouadhibou

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UNHCR Baghdad: Via Geneva HQ Mathias Bjerrang (LA5NM), Network Supervisor
MFA Prague: V/s OK1DJO, Chief Operator, MFA, Loret nsk, n m c. 5, CS-12510
Praha 1, CSFR

HNG Emb Athens: Direct: Press Attach, L szlq Almos - via MFA Budapest:
Andras Szigeti, MFA, Telecom Dept., II Bem rakpart 47, H-1394 Budapest 62,
PF. 423 (these were f/ups for a 9/87 report) (fmI)

DNK Ny Sirius-Daneborg: J.-H. Jensby, Lijtnant, Chef for Sirius,
Sl'depatruiljen Sirius, 3992 Daneborg, Greenland

Lilongwe Air: V/s is Lusayo A. D. Mwanjasi, Senior Flight Information
Officer

USAF Thule: ITT/FELECS Services, Inc., Attn.: GCCS Lead Operator, Mr. Hoyt
K. Stevens, Unit 82501, APO AE 09704-5000 (see Info-Sec for this new code,
ed)

Izmail Radio: Soviet Danube Shipping Company, 2 Pr. Suvorova, Izmail 272630,
Ukraine

Charlottetown CGR.: Clem McPhee, Telecom Ops Manager, Charlottetown Coast
Guard Radio, R.R. 5 Montague, Prince Edward Island C01 1R0, Canada

Resolute CGR.: Resolute Coast Guard Radio, Radio Operator Andr, Chenel,
P.O.Box 148, Resolute Bay, NWT X0A 0V0, Canada (they would like to receive
reports cf. their fax-transmissions on 3253 and 7710 kHz)

Rivišre-au-R,nard CGR.: Grant Station Radio, Garde Cotišre Canadienne, 11
rue de la Base, C.P. 100, Rivišre-au-R,nard, PQ G0E 2A0, Canada (dp41)

I N F O S

OM fs74 has observed a new maritime radiostation: PETROMIN Radio in
Constanta, Roumania. PETROMIN is a compound of PETROL (Oil) and MINereu
(Ore). This is probably a station of a company with the same name, which
deals with watertransport of Oil, ore and coal. May be that transmitters of
Constanta Radio YQI are used - it is the first time that a roumanian coastal
is working in SSB duplex (may be that there is a coastal station named
Tulcea Radio, isn't it? Did anybody hear it in the meantime?). PETROMIN uses
freq pairs 16423/17305 and 16423/22804 in the morning, noon and in the early
afternoon

OM fmI noted that TASS seems to have signed off on shortwave.
He also notes that there are certain number stations in English (14487/USB,
7887/USB and 16475/USB), which are jammed. New trend? (fmI)

APO and FPO address changes, effective Sept 1st 1991:
City names have been dropped and there are new abbreviations for the states.
APO Miami is now APO AA, FPO Miami is now FPO AA
APO New York is now APO AE, FPO New York is now FPO AE
APO San Francisco is now APO AP, FPO San Francisco is now FPO AP
(AA is All America, AE is All Europe, AP is All Pacific) (DX-MB via ps50)

Now some very interesting items supplied by Utility-Professional mm35:
UN Peace Corps Sahara can be heard on 6736 USB in English. Following
stations have been observed: HQ La-Ayioun, Semara (AS-Smara), Tindouf (ALG),
Umm-Dregha and several others which haven't been located yet ("Mejek" and
"Begi" or similar).

The new freq of LIAT (Leeward Island Air Transport) (with all those nice
little LDOCs in the Carribean) is 5568 kHz.

11206 seems to be the LDOC freq for Turk Havar Yollari (Turkish Airlines).
Istanbul has been heard, but not Ankara.

Air France and SABENA gave up their LDOCs, they can now be heard only via
Saint Lys R. resp. Oostende R.

11363 is used by the LDOC of Monarch Air, a British enterprise, which serves
flight routes in Western Europe

Cathay Pacific has no own LDOC, "Dragon Hongkong" doesn't belong to them.
But to whom else? (mm35)

OM mm35 would also like to know whether there is a new EDXC county list? I
think such a list is badly needed now. If not, wouldn't it be better to use
the DXCC list? We would like to receive your comments.

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Membership fee for January is still due for following members: rb61, bg44, mm35, wm72, ps50, js33, sw65, wk98 - for February I would like to receive some cash from fs74, fgI, jvNL.

A hearty welcome goes to our new member OM Harold T (ht43)!!!!

Tnx to contributors pcG, zeTC, fmI, msNL, hb31, fd40, ai41, mm35, mo67, dp41, ps50, js33, fs74 and last but not least ht43. Nice performance, guys!

P.S. 1: OM fmI: Dear Fabrizio, tnx for your letter, fee is due in March.
P.S. 2: OM pcG: will publish your LKA list next time.

Hi there, I don't have any idea what to say as introduction. So here are the logs and infos:

NON DIRECTIONAL BEACONS

275	0513	VG	Vtga	NOR	id	1145km	mo67
276	0510	RD	V,,sterfs/Hasslo	S	id	1284km	mo67
277	0510	GOL	Golyama	BUL	id+dash	1413km	mo67
283	0518	SF	Sandefjord	NOR	id	1122km	mo67
285	0521	LC	Link"ping/Malmen	S	id	1140km	mo67
287.3	0422	SG	Sjaellands Rev Lt.	DNK	id+dash	808km	mo67
287.3	0423	SL	Sletterhage Lt.	DNK	id+dash	796km	mo67
287.3	0424	RS	Risn's Puller Lt.	DNK	id+dash	794km	mo67
287.3	0426	JA	Jaroslawiec Lt.	POL	id+dash	843km	mo67
287.3	0427	KB	Kolobrzeg Lt.	POL	id+dash	769km	mo67
287.3	0522	GN	Gustavsv,,rn Lt.	FNL	id+dash	1526km	mo67
289.6	0530	D	Rota Lt.	E	id+dash	ads? 1810km	mo67
289.6	0532	B	Trafalgar Lt.	E	id+dash	ads? 1833km	mo67
289.6	2148	TL	Punta Penna Lt.	I	id+dash	930km	mo67
291.5	2146	EI	Nos Emine Lt.	BUL	id+dash	1690km	mo67
291.5	2147	MN	Maslen Nos Lt.	BUL	id+dash	1709km	mo67
291.5	2203	KL	Nos Kaliakra Lt.	BUL	id+dash	1695km	mo67
291.9	2116	SB	Sumburgh Head Lt.	G	id+dash	1335km	mo67
295	0539	LH	Ludvika	S	id	1310km	mo67
296.5	0542	KY	Oksiy Lt.	NOR	id+dash	998km	mo67
308	0554	DG	Drogden Lt.	DNK	id+dash	784km	mo67
308	0555	G	Kemi/Tornio	FNL	id		mo67
309	0442	LG	Saten,,s	S	id	1085km	mo67
309	0557	LG	Stten,,s	S	id	1085km	mo67
310.3	0446	PH	Cap d'Alprech Lt.	F	id+dash	494km	mo67
310.3	0451	AL	Cap d'Ailly Lt.	F	id+dash	516km	mo67
310.3	0559	HB	Hals Barre Lt.	DNK	id+dash	888km	mo67
310.3	0600	LR	Laesi Rende Lt.	DNK	id+dash	920km	mo67
312.5	0514	LB	Liepaja Lt.	LAT	id+dash	1198km	mo67
312.5	0515	KA	Klaipeda Lt.	LIT	id+dash	1152km	mo67
312.5	0516	BT	Taran Lt.	RUS	id+dash	1045km	mo67
312.5	0517	BK	Baltijsk Lt.	RUS	id+dash	1021km	mo67
312.5	0518	WW	Ventspils Lt.	LAT	id+dash	1285km	mo67
312.5	0519	AK	Akmenrags Lt.	LAT	id+dash	1223km	mo67
315	0454	FS	Lvov	UKR	id	1160km	mo67
318.5	0457	WD	Vilsandi Lt.	EST	id+dash	1370km	mo67
318.5	0458	SY	Syrve Lt.	EST	id+dash	1345km	mo67
318.5	0459	KL	Kolkasrags Lt.	EST	id+dash	1358km	mo67
318.5	0501	OR	Osmussar Lt.	EST	id+dash	1505km	mo67
318.5	0502	RS	Ristna Lt.	EST	id+dash	1422km	mo67
322	0559	KOR	Kors"	FNL	id	1655km	mo67
325	0606	F	Ljungby/Feringe	S	id	960km	mo67
335	0551	BL	Budapest/Ferihegy	HNG	id	846km	mo67
335	2208	NAK	Nacka	S	id	1310km	mo67
340	0614	N	Rinneby	S	id	937km	mo67
348.5	0554	LG	Lišge/Bierselig	BEL	id	251km	mo67
359	0555	LK	Lidk"ping	S	id	1092km	mo67

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367	0315	3W	Unid	???	id no idea (ed)	rvNL
368	0619	FN	Finndal	NOR	id	1123km mo67
375	0600	RB	™rebro	S	id	1206km mo67
375	0601	TR	Ekofisk/Tor	IWA	id	895km mo67
375	2154	KD	Kristianstad	S	id	858km mo67
376	0622	GF	Grefsen	NOR	id	1221km mo67
379	0625	VEN	Venezia	I	id	519km mo67
385	0556	KV	Halli	FNL	id	1765km mo67
386.5	0408	SLV	Spa/La Sauvenišre	BEL	id	214km mo67
402	0021	RA	Strunkovice	TCH	id	ai41
403	0018	LPS	Les Eplatures	SUI	id	ai41
404	0003	LW	Luxemwrg	LUX	id	ai41
404	0012	NL	Nols"	FAR	id	ai41
404	0616	Y	Kemi/Tornio	FNL	id	mo67
406	0509	DB	Mogilev-Podolskij	UKR	id	1451km mo67
410	0655	H3TA	Unid (may be call of a rig or platform (ed.))			rvNL
440	0420	PIA	Piacenza	I	id	490km mo67

East German NDBs HDO on 330 and F on 407 have been taken out of service on 12th Dec 1991 (tnx zeTC).

M A R I T I M E

2182	1550	IQH	Napoli R.	I	I wkg IMCU	ai41
1748	2144	EAR	La Coruªa R.	E	S wkg	zeTC
1750	2122	LGZ	Farsund R.	NOR	NOR wkg	zeTC
1852	2135	OFH	Mariehamn R.	FNL	E wx	fs74
2182	0024		Radionaval Porto Santo	POR	P anns for 2657	fd40
2182	0112		Saint Anthony CGR.	CAN	E wkg Nordic Express	fd40
2182	0337		Chipiona R.	E	E/S anns for tfc	ai41
2182	0504		Yarmouth CGR.	CAN	E wkg ship	fd40
2182	0617		Saint Lawrence CGR.	CAN	E info bc	fd40
2182	1705	GYKN	Platform Fulmar FSU	IWA	E wkg Stony	ai41
2182	1800		MS Stena Constructor	IWA	E wkg wick	fd40
2182	1852		Rig Western Pacesetter	IWA	E wkg wick	fd40
2182	1924	MAWC	Ballycotton Lb.	IWA	E wkg Valentia	ai41
2182	2035	OFH	Mariehamn R.	FNL	E clg all ships	zeTC
2182	2313		Radionaval Sagres	POR	P anns for 2657	fd40
2226	2020		Aberdeen CGR.	G	E clg all ships	fd40
2226	2110		Humber CGR.	G	E clg all ships	fd40
2226	2153		Falmouth CGR.	G	E clg all ships	fd40
2606	2117	EAT	Tenerife R.	E	S wkg	zeTC
2751	2107	GKR	Wick R.	G	E wkg	zeTC
4236	2230	UDH	Riga R.	LAT	cw-vvv	ht43
4295	2238	HWN	F Ny Paris	F	cw-vvv	ht43
4314	2242	LZW	Varna R.	BUL	cw-de	ht43
6390	2152	AQP4	PAK Ny Karachi	PAK	cw-vvv	pcG
6390	2153	IDQ	I Ny Rome	I	cw-vvv	pcG
6393.5	1645	VHI	R AUS Ny Darwin	AUS	cw-vvv	rb61
6512.6	0530		Russe R.	BUL	BUL wkg Danube ships	fs74
8441.4	1538	9HD	Malta R.	MLT	cw-vvv	fd40
8441.4	1703	7OA	Aden R.	YEM	cw-de	rb61
8459	2213	YQI4	Constanta R.	ROU	cw-tfc	pcG
8469	0341	D4A	Sao Vicente R.	CPV	cw-cq	fd40
8471.5	1740	SUP	Port Said R.	EGY	cw-vvv cq	pcG
8474	1627	JYO	Aqaba R.	JOR	cw-cq	fd40
8474	1632	JYO	Aqaba R.	JOR	cw-cq	zeTC
8475.5	1738	FUX	F Ny Le Port	REU	cw-vvv	pcG
8484.5	1745	HZG	Dammam R.	ARS	cw-de	pcG
8504	0602	ZLW	Wellington R.	NZL	cw-cq tfc list	rb61
8504	1809	ZLW	Wellington R.	NZL	cw-cq	ai41
8515	2300	5AT	Tripoli R.	LBY	cw-cq	ht43
8542	1749	PKX	Jakarta R.	INS	cw-cq	pcG
8570	2204	NRV	USCG Guam	GUM	cw-vvv	rb61
8571	2205	JNA	Tokyo CGR.	J	cw-cq	rb61
8578	0420	SUH	Alexandria R.	EGY	cw-cq	zeTC
8582	2301	XSN	Ningbo R.	CHN	cw-cq	ai41

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8625	0725	FUM	F Ny Papeete	OCE	cw-vvv	rb61
8682	1647	J2A8	Djibouti R.	DJI	cw-cq	zeTC
8694	0047	PJC	Willemstad R.	ATN	cw-cq	rb61
8694	0114	PJC	Willemstad R.	ATN	cw-cq	fd40
8740	1812	HZG	Dammam R.	ARS	E tfc list	fs74
12585.5	0654	CBV	Playa Ancha R.	CHL	cw-SITOR	zeTC
12591	0706	A7D	Doha R.	QAT	cw-SITOR	zeTC
12598	1328	SPA66	Gdynia R.	POL	cw-SITOR	zeTC
12607.5	0716	YUR	Rijeka R.	CRO	cw-SITOR	zeTC
12678	2058	9MG3	Penang R.	MLA	cw-cq	ht43
12699	0253	HPP	Panama R.	PNR	cw-vvv cq	fd40
12709	2117	8PO	Barbados R.	BRB	cw-de	ai41
12709.2	2314	XFQ	Salina Cruz R.	MEX	cw-cq	fd40
12985.5	2129	PPO	Olinda R.	B	cw-cq	ht43
13031.2	2141	FUF	F Ny Fort de France	MRT	cw-vvv	ht43
16816	1731	ZSC	Cape Town R.	AFS	cw-SITOR	zeTC
16816	2120	WNU	Slidell R.	USA	cw-SITOR	zeTC
16909.7	1102	UJ03	Izmail R.	UKR	cw-clg 4KI	fd40
16913.5	2113	CBV	Valparaiso R.	CHL	cw-de	ai41
17081.6	1200	JFA	Matsudo R.	J	cw-cq	fd40
22496	1943	PPJ	Junçao R.	B	cw-vvv	ht43
22587.5	1958	LPD91	Generale Pacheco R.	ARG	cw-vvv	ht43
22592.5	1446	A9M	Bahrain R.	BHR	cw-de	pcG
22610.5	1449	CLA	Habana R.	CUB	cw-cq	pcG

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

4722	2257	MVU	West Drayton Volmet	G	E volmet	ht43
5538	2327		LDOC Gulf Air Manama	BHR	E wkg Gulf Air 008	fs74
5568	0016		LDOC LIAT Vigie	LCA	E wkg	rb61
5568	2238		LDOC LIAT Golden Rocks	SCN	E wkg LIAT a/c	fs74
5568	2240		LDOC LIAT Bird	ATG	E wkg Juliana	fd40
5568	2242		LDOC LIAT Salines	GRD	E wkg Bird	fd40
5568	2245		LDOC LIAT Juliana	ATN	E wkg Bird	fd40
5568	2251		LDOC LIAT Vigie	LCA	E wkg LIAT a/c	fs74
5568	2303		LDOC LIAT Pt.Salines	GRD	E wkg	rb61
5568	2307		LDOC LIAT Beef Island	VRG	E wkg	rb61
5568	2315		LDOC LIAT Golden Rock	SCN	E wkg	rb61
5568	2315		LDOC LIAT Juliana	ATN	E wkg	rb61
5568	2329		LDOC LIAT Adams	BRB	E wkg	rb61
5658	2150		Karachi Air	PAK	E wkg Pakistani 675	fd40
5658	2203		New Delhi Air	IND	E wkg 501	fd40
5680	0706	DRKF	G Ny Warship Nienburg	IWA	G wkg Glcksburg RCC	wk98
5680	0743		Stockholm Rescue	S	SW wkg Yngve 63	wk98
5680	0829		Stockholm Rescue	S	a/c crash	fd40
5680	0834		RDAF Karup Rescue	DNK	wkg Rescue 275	fd40
5680	0835		RDAF Rinne Rescue	DNK	wkg Vaerlise	fd40
5680	0835		RDAF Vaerlise Rescue	DNK	wkg Rinne	fd40
5680	1809	PAEO	HOL Ny warship Willemstad	E	wkg Edinburgh Resc	wk98
5690	2123		RCAF Lahr	D	E wx	fd40
8861	0010		Port Blair Air	ADM	E wkg unid	fd40
8861	0210		Dakar Air	SEN	E/F wkg Speedbird 224	fd40
8879	1719		Mah, Air	SEY	E wkg Mauritius	fs74
8891	1735		Reykjavik Air	ISL	E wkg Alitalia 620	fd40
8894	0219		Alger Air	ALG	E/F wkg Portugal 238	fd40
8903	0238		N'Djamena Air	TCD	F wkg 56	fd40
8903	2128		Naha Air	J	E wkg Air France	ai41
8924	0231		Prague Air (LDOC?)	TCH	wkg SPLHB	fd40
8942	1955		Hongkong Air	HKG	E wkg 9904	fd40
10018	0152		Muscat Air	OMA	E wkg Bombay	fd40
10018	0158		Bombay Air	IND	E wkg UTA 568	fd40
10018	0254		Bombay Air	IND	E wkg selcal DMAJ	fd40
10024	0316		Guayaquil Air	EQA	E wkg Lima	fd40
10024	0337		Antofagasta Air	CHL	S wkg Lima	fd40
11176	1712		USAF Inçirlik	TUR	E wkg 0970	fd40
11176	1715		USAF Croughton	G	E wkg 275	fd40
11176	1720		USAF McDiil	USA	E wkg 22040E	fd40

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11396	1412	Bali Air	INS E wkg Continental 901	fd40
11396	1426	Jakarta Air	INS E wkg Alitalia 1997	fd40
11396	1428	Singapore Air	SNG E wkg Singapore 33	fd40
11396	1456	Taipei Air	TWN E wkg 4402	fd40
13351	1342	Paris Air	F wkg AF 015	fd40
17931	1139	LDOC LTU Dsseldorf	D G wkg LTU 753	fd40

FIXED BANDS

2607	2116	FUO	F Ny Toulon	F cw-vvv	zeTC
2647	2112	TBO2	TUR Ny Izmir	TUR cw-vvv	zeTC
2815	2103	IDR8	I Ny Roma	I cw-vvv	zeTC
6736	2007		MINURSO Semara	ASO E wkg Umm Drejda	fs74
6736	2022		MINURSO Laayoun	ASO E wkg Mejeh	fs74
8005	2045	5TQ7	SNIM Zouerate	MTN F wkg 5TQ2	ai41
8038	1703	FSB	Interpol Paris	F cw-SITOR	zeTC
8175	2045	5TQ2	SNIM Nouadhibou	MTN F wkg 5TQ7	ai41
10327	1135		Berna R.	SUI E wkg LH468	wk98
11020	1759	RCB52	R. Moscow Feeder	RUS R rel Mayak px	zeTC
13826	0016	NNN0ICE	MARS MCMurdo	ANT E wkg N0NPA	ai41
13826	0018	NNN0NPA	MARS Palmer	ANT E wkg N0BBF	ai41
14441.5	1600	NNN0CZY	MARS USS Scott	IWA E clg stateside	wk98
14467	2012	NNN0KBG	MARS Unid	USA E wkg N0CNP	ai41
14477	2232	NNN0JMQ	MARS Milford	USA E wkg N0CUG ads?	ai41
16354	1241		Cyprus R.	CYP GR/E vm-f	fd40
19186	1459	NNN0CSW	MARS USS Saipan	IWA E clg NNN0JMQ	wk98
19576	1126	ORI59	PTT Brussels	BEL E/F vm-f	fd40
20185.7	1405		Unid (Cape R.?)	USA E wkg	fs74
20936	1435	NNN0PRQ	MARS Caneyville	USA E wkg NNN0CUL	wk98
20936	1631	NNN0NLS	MARS Unid	??? E wkg N0NCG	mo67
20936	1703	NNN0NLS	MARS Unid	??? E wkg NNN0NCG	wk98
21988	1310		Berna R.	SUI E wkg N199AM	wk98
23210	1212		Stockholm R.	S E wkg Jordanian 151	wk98

RADIO TELETYPE (hi)

14989 1502 TNL Brazzaville Air COG Aero msgs ARQ M2 96 pcG

Some remarks by rmCAN re 1/92:

33.980	KGA530	Salisbury, Maryland
	KEC763	Chestertown, Maryland
	WNCT988	Wicomico County Fire, Salisbury, Maryland
33.940	WNDL758	Berks County, Pennsylvania, transmitters in Boyerton, Reading, Temple...
33.680	KCF944	Brattleboro, Vermont
33.620	CHD237	Ripon, Quebec
12.353	WHW310	Sea Land Services, Inc., Fort Lauderdale, FL

Dragon Hongkong is listed as Hongkong Dragon Airlines (tnx Rick!)

QSL REVIEW

ALG-Boufarik R.	45 PPC/IRC,VC	16932	7TF10	10kw	fd40
ARG-Boca R.	11 L, PPC/Fo,1\$	8457	LSA	3kw	fd40
AZB-Baku R.	423 New Years Greet	only 4370	UON		zeTC
B -Junçao R.	57 PPC,VC/IRC,VC	22496	PPJ	1kw	fd40
CAN-Saint John's CGR.	12 PPC, Fo/1\$,Fo	2182	VON	5kw	fd40
D -Kiel R.	94 L no det/ RP,VC	2182	DAO		fd40
D -Loran Station Sylt	5 PPC,I/SASE	7512.5	DML	1kw	wk98
D -NDB Boxberg	36 PPC/via Dresden	397	"BOG"	100w	zeTC
D -NDB Hermsdorf	36 PPC/via Dresden	330	"HDO"	100w	zeTC
D -NDB Machern	36 PPC/via Dresden	335	"MRN"	100w	zeTC
D -NDB Ottendorf	36 PPC/via Dresden	370	"FS"	100w	zeTC

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D -NDB Weixdorf	36	PPC,2S,I/VC via Dres407	"F"	50w	zeTC
EST-Tallinn R.	18	PPC,VC/1\$	UAH	1.5kw	mm35
G -Yarmouth CGR.	7	PPC/RP,Fo		250w	fd40
HKG-Hongkong Air	16	L/RP		5kw	mm35
I -S.Benedetto del Trottel R.	24	PPC/RP,Fo	IQP	1kw	fd40
IAI-Rescue Heli SK61N	24	PPC,L,Fo/VC	G-BIMU	400w	wk98
IAI-Tyrolean Airways 557	13	PPC/VC	OE-LLP	150w	wk98
IWA-FS Alexander von Koboldt	90	PPC,L/RP,VC	Y3CW	300w	wk98
IWA-MS Alemania Express	60	PPC/RP,VC	DHRG	1400w	fd40
IWA-MS Britannia Venture	37	PPC/RP,Fo	GJNC	300w	fd40
IWA-MS Cap Polonio	60	PPC/RP	DICP	750w	wk98
IWA-MS Esso Fawley	16	PPC,I/RP,Fo	GWFU	400w	fd40
IWA-MS Esso Picardie	74	PPC/RP,VC	FNLS	400w	fd40
IWA-MS Franke	33	PPC,Fo/RP back,VC	DARB	400w	fd40
IWA-MS Leverkusen Express	70	PPC/RP,VC	DEHY		fd40
IWA-MS Maersk Shipper	23	PPC,I/\$ back,Fo	ZCAG9	25w	fd40
IWA-MS Safe Truck	23	PPC,Fo/RP back,Fo	GBDW	50mw?	fd40
IWA-MS Seaboard Snipe	21	PPC,L/RP,Fo	MNFU9		fd40
IWA-MS Shetland Service	26	L/RP,Fo			fd40
IWA-MS Sierra Express	52	PPC/SASE	DNCE	1.6kw	wk98
IWA-MS Smit Lloyd 121	27	PPC/Fo,RP	PHSN	400w	fd40
IWA-MS Smit Lloyd 90	26	L,PPC/RP,Fo	PHOO		fd40
IWA-MS Stuttgart Express	92	PPC/RP	DHES	1200w	fd40
IWA-MS United Venture	36	L (6 pag./RP back	S6AA	300w	fd40
IWA-Rig Byford Dolphin	32	L,PPC,Fo/Fo,1\$	3ECF9	600w	fd40
IWA-Rig Deepsea Pioneer	43	PPC/RP,Fo	C6BP	250w	fd40
IWA-Rig Petrojarl 1	32	L,PPC,I/Fo,1\$	JXCL	450w	fd40
LAT-Riga R.	115	PPC,Ham-K/VC,IRC	UDH	15kw	ai41
NOR-NDB Geitungen Lt.	200	PPC,Fo/IRC,Fo	"GU"		fd40
NOR-Oerlandet R.	22	PPC/IRC,Fo	LFO		fd40
PHL-Bulacan R.	10	PPC/Fo,1\$	DZJ	2500w	fd40
ROU-NDB Caransabes	17	PPC/IRC	"CRS"	1kw	ai41
ROU-NDB Oradea	21	PPC/VC,IRC	"ORA"	400w	ai41
RUS-Gelendzhik R.	55	PPC/VC's/VC,IRC	UVA	5kw	ai41
S -NDB Kalmar	17	PPC/VC,SASE	"KM"		ai41
S -NDB "rebro	24	PPC/VC,SASE	"RB"	70w	ai41
S -Stockholm Rescue	14	L,PPC,S/Fo,1\$ back			fd40
SUI-NDB Gland	13	PPC,C/VC,IRC	"GLA"	30w	ai41
SUI-NDB Les Eplatures	9	PPC,I,S/VC,IRC	"LPS"	25w	ai41
SUI-NDB Rhine	14	PPC,C/VC,IRC	"RHI"	30w	ai41
SUI-NDB Schupberg	10	PPC/VC,IRC	"SHU"	50w	ai41
TWN-Taichung R.	14	L,Book/Fo,1\$	XSW2	5kw	fd40
URG-Cerrito R.	23	L,PPC/Fo,1\$	CWA		fd40
USA-MARS Cheltenham,PA	33	PPC,C/VC,SASE	NNNOXEN	2kw	ai41
USA-MARS El Toro,CA	34	C,L/VC,SASE	NNNOMET		ai41
USA-MARS Fort Lauderdale	52	Ham-K/VC	NNNOXPQ		zeTC

A D D R E S S E S / V E R I E - S I G N E R S

Rig Buchan Alpha/MV Safe Truck: BP Petroleum Dev., Farburn Industrial Estate, Aberdeen (fd40)

V/s Hongkong Air: Ho Hon-Kwan, Chief Aeronautical Comms Supervisor (mm35)

I N F O S

Address of Calcutta Air in the Address Handbook is out of date now. fd40 got his letter back. Any info?

Some more infos cf. UN Forces west Sahara, supplied by mm35: In the resolution 690 the UN Security Council decided on the 29th April 1991 to deploy UN Forces in the Sahara. Main task of these forces is to control the Moroccan borderline, to prevent clashes between Polisario and Moroccan troops and to observe the organisation of the referendum re independence of former Spanish Sahara. In Germany 15 members of the border police are waiting to be transferred to Laayoun. The operation in the Sahara has the beautiful name MINURSO and stands for "Mission des Nations Unies pour le

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Referende en Sahara Occidental". UNHCR Bonn has promised mm35 to supply him with the address of the Commander in Laayoun. Contact for UN affairs in Bonn is Mr. Wittig from the MFA, Tel. Germany 0228 - 173255, number of the UNHCR official is 0228 - 9570920.

6736 USB 1900 MINURSO Laayoun ASO E wkg MINURSO Umm Drejda
 6736 USB 1924 MINURSO Tindouf ALG E wkg MINURSO Laayoun
 6736 USB 2004 MINURSO Semara ASO E wkg MINURSO Laayoun

Also QRV: UN-993 and UN-349 (Sector Commander) in desert camps at ASO/MRC borderline as well as a/c's and other mobile units (tnx Michael!)

OM fs74 found out the other qrgs of PETROMIN Radio Constanta. They use 8740, 13104, 17305 and 22804. 16 MHZ is daytime main working freq and 8 MHZ main nighttime freq (tnx Franz!)

OM fs74 reacted to mm35's proposal to use DXCC country list for Utility purposes, too as follows: "I fully agree with OM mm35 that we should use the DXCC list for country counting. It is always updated and much better compiled. In my opinion many territories which are counted as part of a certain country should be counted separately (e. g. in Europe Sicily, Corsica, the Balearic Islands, Crete, the Channel Islands a. o.). Not to talk of the absurdity to count the former USSR as one country. A greater amount of listed countries is a challenge to DXers..." Tnx fs74. I agree that the DXCC, in contrary to that of EDXC, follows consequent rules and is much more reliable. I wouldn't object to use the DXCC list, but we first have to promote this idea to reach a consensus. Otherwise one group uses this list and another the other one. More comments on that?

Membership fee for January is still due for following members: js33, wk98 (received your letter ok) - for February fgI and jvNL are still open. Candidates for cashing in March are OMs jwA and ikG. Please let it come in. Tnx!

Congrats to the following individuals for their good work: pcG, rmCAN, zeTC, ai41, rvNL, js33, wk98, fd40, mo67, fs74, mm35, rb61, ht43 and dp41. See you!!

Hi folks! Not much to say this month. Due to heavy workload I will leave out some items, which will be included in the next issue.

NON DIRECTIONAL BEACONS

327	0943	DIP	Planter	D id	js33
331	0942	TE	Thisted/East	DNK id	js33
331	0947	KAN	Kangasniemi	FNL id	js33
332	0948	RHI	Rhine	SUI id	js33
333	0941	LE	V.,sterfs/Hasslo	S id	js33
333.5	0951	TWN	Twenthe	HOL id	js33
336	0952	LT	Halmstad	S id	js33
336	0952	SUI	Slubice	POL id	js33
337	0957	OZ	Skallen	S id	js33
338	0958	OA	J"nk"ping	S id	js33
382	0100	ALG	Alghero	I id	js33
430	0105	BUG	Bugac	HNG id	js33
431a	0015	VD	Unid	??? id	js33
440	0011	PIA	Piacenza	I id	js33

MARITIME

2182	0444	JXYU	MV Geco Sigma	IWA E wkg Tysdal (?)	js33
2182	0507		MV Atlantic Mariner	IWA E wkg Tors Cove	js33
2182	0526	PDTY	MV Dutch Master	IWA E wkg Breast R.	js33
2182	0533	NMF	USCG Boston	USA like a local!	js33

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2182	0536	OYR	Aasiaat R.	GRL	DAN tfc list	js33
2182	0536	VCG	Rivišre-au-R,nard	CAN	F/E anns	js33
2182	0538	LAKN4	MV Trollnes	IWA	E clg Fulmar A	js33
2182	0551	CGDV	CSS wilfried Templeman	IWA	E wkg St. John's	js33
2182	0657	Y5QQ	MV Bansin	IWA	E wkg NF Radio	js33
2182	1049	MFKA6	Thurso Lifeboat	IWA	E wkg wick	js33
2182	1534	PEPP	Platform Helder	IWA	HOL wkg Neth CG	js33
2182	1535	GFSR	Barrow Lifeboat	IWA	E wkg unid	js33
2182	2141		Slupsk R.	POL	POL clg unid	hb31
2182	2206	GBBB	HMS York	IWA	E wkg GLD	js33
2182	2209	DFKV	MV Shanty	IWA	E wkg Haifa	js33
2182	2215	VEMB	MV Atlantic Enterprise	IWA	E wkg St. Anthony	js33
2182	2220	VOO	Comfort CGR.	CAN	E gale warning 2598	js33
2182	2253	HP5508	Rig Santa F, Monitor	IWA	E wkg Stony	js33
2490	0525	WOM	Highseas R.	USA	E wkg Discovery 1	js33
2635	1935	IQH	Napoli R.	I	E/I wx	ah75
2698	2118	IPN	Venezia R.	I	I nav warning	zeTC
2749	0236	VCS	Halifax CGR.	CAN	E nav warning	fs74
4231	2200	A7D	Doha R.	QAT	cw-de	pcG
4236	2210	UDH	Riga R.	LAT	cw-cq	pcG
4253	2240	TAH	Istanbul R.	TUR	cw-de	pcG
4253.5	2230	HZG	Dammam R.	ARS	cw-de	pcG
4260	2245	TBA2	TUR Ny Ankara	TUR	cw-vvv	pcG
8417	0539	WNU	Slidell R.	USA	cw-cq	zeTC
8421	0428	A7D	Doha R.	QAT	cw-de sitor	zeTC
8421.5	2120	LZW	Varna R.	BUL	cw-SITOR	zeTC
8423.5	2054	UAH	Tallin R.	EST	cw-de	ah75
8444.5	0414	KFS	Palo Alto R.	USA	cw-cq	zeTC
8446	1616	UQK	Riga R.	LAT	cw-de	zeTC
8459	2100	YQI	Constanta R.	ROU	cw-de	ah75
8474	1800	JYO	Agaba R.	JOR	cw-cq reactivated	fmI
8506	1650	UDH	Riga R.	LAT	cw-cq	hb31
8506	2113	UDH	Riga R.	LAT	cw-cq	ah75
8520	2116	PPO	Olinda R.	B	cw-vvv	ah75
8551.5	0714	CTP	NATO Lisbon	POR	cw-de	ah75
8632	2042	XSW	Kaohsiung R.	TWN	cw-cq	pcG
8634	2050	VTG6	IND Ny Bombay	IND	cw-vvv	pcG
8749	1746	TAN	Istanbul R.	TUR	TUR tfc	zeTC
12700	1749	XSQ	Guangzhou R.	CHN	cw-cq	ah75
12711	2200	HCG	Guayaquil R.	EQA	cw-cq	pcG
12730	0707	UMV	Murmansk R.	RUS	cw-de	ah75
12753	0920	CKN	CAN Forces Vancouver	CAN	cw-vvv	ah75
12843	1850	HLO	Seoul R.	KOR	cw-cq	ah75
12847	2217	DZE	Mandaluyong R.	PHL	cw-cq	pcG
12965	0900	UJO	Izmail R.	UKR	cw-de	ah75
12993	2123	URL	Sevastopol R.	UKR	cw-de	ah75
13023	1648	D3E62	Luanda R.	AGL	cw-cq	zeTC
13042	0808	P2M	Port Moresby R.	PNG	cw-de	ah75
13042	0914	XVS	Ho-Chi-Minh R.	VTN	cw-cq	ah75
13062	2231	CLA32	Habana R.	CUB	cw-manual tfc	pcG
13104	1408		PETROMIN R.	ROU	id	msNL
16363	1136	GNID	HMS Amazon	IWA	E clg Portishead	js33
16363	1620	GPBA	HMS Hecla	IWA	E wkg Portishead	js33
16363	1735	VREB	MV Traquair	IWA	E wkg Portishead	js33
16363	1740	GBBL	HMS Beaver	IWA	E wkg Portishead	js33
16363	1747	HP4761	MV Oil Charger	IWA	E wkg Portishead	js33
16363	1806	GUYC	MV Leonia	IWA	E wkg Portishead	js33
16363	1810	YJWN4	MV Mil Tide	IWA	E wkg Portishead	js33
17185	1253	PKE	Amboina R.	INS	cw-cq	ah75
17198.3	1255	HZG	Dammam R.	ARS	cw-de	ah75
17248	0631	5BA	Cyprus R.	CYP	E/GR vm-f	ah75
17332	0858	BVA	Taipei R.	TWN	E/CH vm-f	ah75
22174	0810		Tulcea R.	ROU	ROU wkg "Rodna"	fs74
22385	1555	9VG85	Singapore R.	SNG	cw-sitor	zeTC

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5568	0015		LIAT Vigie	LCA	E wkg VC Bird	msNL
5568	2117		Aldan Air, Siberia	RUS	R wkg	msNL
5568	2234		LIAT Juliana	ATN	E wkg LIAT Coolidge	js33
5568	2303		LIAT New Castle	STK	E wkg Juliana	js33
5637	1602		Kavala Air	GRC	GR wkg Thessaloniki	ah75
5637	1602		Thessaloniki Air	GRC	GR wkg Kavala	ah75
5637	1619		Athinai Air	GRC	GR wkg Thessaloniki	ah75
5637	1709		Kalamata Air	GRC	GR wkg Athinai	ah75
5680	0738	DRNN	G Ny vessel Langeoog	IWA	G wkg Glcksburg	js33
5680	0749	DRKW	MV Steigerwald	IWA	G wkg Glcksburg	js33
5680	0751	NCNK	USCGC Point Glass	IWA	E wkg NCF	js33
5680	0833		Stavanger Rescue	NOR	NOR wkg Bergen LBAC	js33
5680	1122		Ijmuiden Rescue	HOL	E wkg a/c	ah75
8846	0229		Coast Guard 1716	IAI	E wkg NY relay Miami	fd40
8855	0008		Brasilia Air	B	E wkg KLCM selcal	fd40
8855	0103		Porto Alegre Air	B	E wkg 3021	fd40
8861	0101		Roberts Air	LBR	E wkg Springbok 201	fd40
8903	2059		Naha Air	J	E wkg Kobi? 17	fd40
8903	2106		Manila Air	PHL	E wkg Indonesia 876	fd40
8903	2107		Tokyo Air	J	E wkg Northwest 61	fd40
8903	2121		Kano Air	NIG	E wkg Nigeria 542	fd40
8903	2200		Libreville Air	GBN	wkg Tokyo for condx	testfd
8942	1857		Singapore Air	SNG	E wkg Malaysia 714	fd40
8992	1940		Port. AF	POR	wkg Alpha 0066	fd40
10066	1739		Kuala Lumpur Air	MLA	E wkg LH 779	fd40
10066	1740		Yangon Air	MYA	E wkg Pakistan 795	fd40
10066	1751		Calcutta Air	IND	E wkg Singapore 28	fd40
10066	1842		Lumpur Air	MLA	E wkg Singapore 46	ah75
10066	1850		Calcutta Air	IND	E wkg Singapore 22	ah75
10066	1920		Male Air	MLD	E wkg Colombo	ah75
11176	1819		USAF Ascension	ASC	E wkg JM643	fd40
11288	1838		Jeddah Air	ARS	AR wkg Saudia 1A	ah75
11300	1730		Nairobi Air	KEN	E wkg TNZ a/c	msNL
11300	1734		Addis Ababa Air	ETH	E clg Djibouti	msNL
11300	1734		Asmara Air	ETH	E clg Addis	msNL
11300	1743		Cairo Air	EGY	E wkg Sudanair	msNL
11306	1555		Portishead R.	G	E wkg AKLS selcal	fd40
11359	1830		Moscow Air	RUS	id, wx, cw	fd40
11396	1610		Ujung Pandang Air	INS	E wkg LH 4517	fd40
11396	1613		Perth Air	AUS	E wkg Malaysian 25	fd40

FIXED BANDS

10.2	1340		OMEGA		nav. all stations	zeTC
60	1333	MSF	NPL Teddington	G	ts	zeTC
66.6	1756	RBU	TS Moscow	RUS	ts	zeTC
119	0746	IDQ	I Ny Rome	I	cw-IDQ 3/4	zeTC
120	2127	SXA	GRC Ny Spata Attikis	GRC	cw-vvv	zeTC
122.3	1046	OUA	R DNKNy Aarhus	DNK	cw-vvv	zeTC
2500	1859	RCH	TS Tashkent	UZB	cw-vvv cq & ts	zeTC
3370	2200	DFC37	Bonames	D	G vm-f & mm AM	fmI
4724.5	1904	IDR	I Ny Rome	I	I wkg IBU	zeTC
4856	0434		Saint Lys R.	F	F wx wkg a/c	zeTC
5000	0812	"Rupe"	IAF Monte Venda	I	I clg "Ponte" for r/c	fmI
5000	1959	VNG	TS llandilo	AUS	E id & ts	fmI
5063.5	1433	9MB	MLA Ny Penang	MLA	cw-vvv	zeTC
5775	1601		R. Noviy Volna	RUS	Feeder	msNL
5880	1511	RMP	CIS Ny Kaliningrad	RUS	cw-de + wkg	zeTC
6736	2133		MINURSO Laayoun	ASO	E wkg Semara	msNL
6736	2133		MINURSO Semara	ASO	E wkg Laayoun	msNL
7850	2354	J6PM	Police St. Lucia ?	STL	wkg CGCutter Defendant	js33
9106	2354	ZHF44	BAS Faraday	ANT	E wkg Bransfield	ah75
9106	2356	ZHF44	BAS Faraday	ANT	E clg Bird	hb31
9231	2125	7XR37	Djanet Meteo	ALG	A/F wkg Tamanrasset	fs74
9231	2134	7XR62	In Amenas Meteo	ALG	A/F wkg Djanet	fs74
10380	1534	RW43	ARCTIC Murmansk	RUS	R wkg UKS	zeTC
10990	1526		BSKSA Riyadh	ARS	Feeder	zeTC

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12122.5	0050	NNN0JMQ	Unid	???	E wkg	N0CRW	fs74
12133	1612	GKX51	Portishead R.	G	E wkg	a/c	zeTC
13826	0042	NNN0ICE	MARS McMurdo	ANT	E wkg	N0JQC	fs74
13826	0043	NNN0NPA	MARS Palmer	ANT	E wkg	N0JQC	fs74
14408	0123	AGA0CR	Unit-1 MARS Costa Rica?	CTR?	E wkg	AFA4JK	fs74
14452.5	0105	CHL	CFARS Laayoun	ASO	E wkg	CIW610	fs74
14654.5	1611	SPW	Warsaw R.	POL	cw-	SITOR	zeTC
14917.6	0658		Radio Kiribati	KIR	USB		msNL

male speaker in E, mentioning 2000 Vietnamese. 0700 female with presumed news in i-Kiribati, male speaker in E, Russian Feeder QRM on 14920 LSB msNL

15000	2055	LOL	TS Buenos Aires	ARG	cw-id & ts		zeTC
15850	1726	AJO	USAF Incirlik	TUR	E clg	AOK	zeTC
16000	0500	VNG	TS Llandilo	AUS	E id,	address, info	zeTC
16180	1606	NAM	US Ny Norfolk	USA	cw-cq	multicall	zeTC
19379	2129		VoA Greenville	USA	E nx	LSB	pcG
20640	1400		Unid USAF	???	E wkg	a/c	fmI

E wkg a/c directed to Moscow for Relief Mission (fmI)

20832	1554	RNE33	PTT Moscow	RUS	R simplex	tfc	zeTC
33660	1300	KNAW393	Bourne FD	USA	id		js33
33660	1331	KDA301	Unid	USA	id		js33
33660	1423		Hollis Engine 1	USA	to	SVMA	js33
33680	1435	WNEC677	Unid	USA	cw-id		js33
33680	1446	KAS874	Pembroke FD	USA	to all	units	js33
33700	1319		Car RU 20	USA	wkg	LCD	js33
33700	1332	KCD582	Harvard FD	USA	testing	receivers	js33
33700	1340	KXZ508	Royalston FD	USA	wkg	26-C	js33
33700	1344	KCD244	Falmouth FD	USA	wkg	Rescue 36	js33
33700	1410	WNQQ469	LCD	USA	RLE	car 2	js33
33700	1439	KUE698	Montgomery County PSC	USA	to stns	55/34	js33
33700	1501	KCH586	Rutland FD	USA	to	Rutland receivers	js33
33700	1536	KDP401	Hinsdale Base	USA	to	monitors	js33
33700	1611	KDP395	Little Valley	USA	wkg	Ishua Base	js33
33900	1400	KGE318	Unid	USA	id		js33
33900	1403	KBZ282	Lakes Region	USA	to	Laconia FD	js33

R A D I O T E L E T Y P I N G

3560	1824		SANA Damascus	SYR	F nx		50 ah75
4555.2	1800	"BFVPH"	LKA Dsseldorf	D	G msg	ARQ-E	96 pcG
4555.5	2209	"DUVPH"	LKA Dsseldorf	D	G msg	ARQ-E	96 pcG
6336.3	2235	GYA	R Ny London	G	as usual		50 pcG
6920	1844	RGC70	Kiev Meteo	UKR	wx		50 ah75
7510	0800	"RFFQ"	FF Marseille	F	F msgs	ARQ-E	72 pcG
8023	2252	TNL	ASECNA Brazzaville	COG	AFTN/WMO data	ARQ-M2	msNL
10515	2000		Swiss Radio Int.	SUI	G/F nx		50 fmI
11507.5	2100	STK	Khartoum Air	SDN	to	Addis	50 pcG
11536	2007	HMF49	KCNA Pyongyang	KRE	F nx		50 pcG
11540.5	2007	70C	Aden Air	YEM	ry		50 pcG
12065	1858	EPD	IRNA Tehran	IRN	ry		50 pcG
12075	1931	VVD62	Delhi Meteo	IND	met	tfc	50 pcG
13846.7	2010	"RFVI"	FF Le Port	REU	control du voie	ARQ	pcG
14390	2100		Unid	???	tfc	SIT-A	fmI

"einai ka h kalh toy prothesh sthn mesh mono kai... kai den prokrite na mou to plerwsei vamos me to pre esr?" what \$%&+? language is this? fmI

14508	0915	D4B	Amilcar Cabral Air	CPV	testing		50 pcG
14547.5	1025	JAL44	KYODO Tokyo	J	E nx		50 ah75
14560	0900	HVN	PTT Vatican	CVA	to	Lisbon ARQ242	96 fmI
14747	0916	RUZU	SAAM Molodezhnaya	ANT	R clg	URWW	50 pcG
14809	0918	GXQ	British Army London	G	foxes		50 pcG
14917.5	1140	SO0291	PTT Warsaw	POL	POL	SIT-A	fmI

POL wkg "stacja polarna hornsund spitsbergen", return channel? (fmI)

18083	1851	IRJ50	ANSA Rome	I	E nx		50 pcG
19218	1009	SAM35	S Emb Belgrade	YUG	financial	matters ARQ	msNL
19761.6	1305		MFA Jakarta	INS	INDONES	msgARQ242	96 fmI
19822.5	1345	5AF	Tripoli Air	LBY	de	hllt ry	50 fmI
20410	1110	ULV	SA-AAMC Moscow	RUS	R for	ANTAR TORG11	fmI
20600	1445		Moscow Meteo	RUS	Fax	polar region	msNL

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20699.8	1115	SAM	MFA Stockholm	S	SW wkg Tehran	SWE-ARQ	fmI
20700.1	1440	SAM25	S Emb Lisbon	POR	msgs	SW-ARQ	msNL
20734	1325		UNHCR Amman	JOR	to Geneva	SIT-A	msNL
20734	1xxx		UNHCR Abidjan	CTI	selcal HCIA	SIT-A	msNL
20754.4	0938	XUR88	ICRC Phnom Penh	CBG	F abt operations	SIT-AmsNL	
20754.4	1330		ICRC Baku	AZE	also 20800 USB	1557	msNL
20754.4	1xxx		ICRC Monrovia	LBR	to Geneva	SIT-A	msNL
20756.4	1120		Gendarmerie Cayenne	GUF		TDM342	msNL

s/on with m=TDM342 1 channel identical to ARQ-E3 tlx msgs DE RFLIGC
 GROUPEGEND CAYENNE to Rosny sous Bois channel identifier UGI, also msg fm
 Gendarmerie at Kourou site, station NATO indicator is RFLIRT, so perhaps it
 should be listed as French Navy Cayenne? msNL

20756.5	2017	"RFLI"	FF Fort de France	MRT	F msgs	ARQ-E	96	pcG
20810.8	1055	SAM1	MFA Stockholm	S	rel Canberra	SW ARQ	msNL	
20840	0900		D Emb Tel Aviv	ISR	G wkg Bonn	ARQ-E	96	fmI
20919.4	1043	SAM48	S Emb Damascus	SYR	msgs	SW ARQ	msNL	
20933.5	1423	SOV293B	PAP Warsaw	POL	POL nx	SIT-B	msNL	
20952.6	1432		PTT Brussels	BEL	to Lubumb	ARQ-M2	96	msNL
20996	2025	AAR4USD	MARS Fort Jackson	USA	to Puerto Rico		50	pcG
23078.9	08xx	SAM72	S Emb Kinshasa	ZAI	telex	SW ARQ	msNL	
23506.1	1036	SAM81	S Emb Bissau	GNB	telex	SW ARQ	msNL	
26255	1004	UDK2	PTT Murmansk	RUS	clg 4LS		50	pcG
27999.4	1600	C8Z650	ICRC Maputo	MOZ	to Versoix	SIT-A	msNL	

1xxx time marked logs of msNL: time automatically stored on harddisc, time therefore unknown.

FD = Fire Department

Q S L R E V I E W

ARG-Cordoba Air	292	PPC,L/IRC	10024		2kw	js33
ATW-LIAT Juliana	37	PPC/1\$	5568		100w	mm35
AUS-R AUS Ny Darwin	72	L,PPC,I/IRC,VC	12750	VHI		ah75
AZR-Santa Maria Air	130	L/IRC,VC	12323	CSY	1kw	ah75
D -NDB Beeskow	27	PPC/VC via Berlin	402	"BKW"	30w	zeTC
D -NDB Berlin/Blankenfelde	27	PPC/VC via Berlin	309	"MW"	30w	zeTC
D -NDB Bugk	27	PPC/VC via Berlin	353	"HM"	30w	zeTC
D -NDB Peter/Frstenwalde	27	PPC/VC via Berlin	383	"PR"	30w	zeTC
E -NDB Cabo Finisterre Lt.	29	PPC/SASE	310.3	"FI"	100w	js33
E -NDB Murcia	140	PPC/SASE	381	"LCZ"	200w	js33
F -NDB Cazaux	150	PPC/SASE	382	"CAA"	50w	js33
FJI-Nadi Air	65	PPC/\$,VC	8867	3DN	5kw	ah75
G -Hebrides R.	8	L,C,S/IRC,VC	3607.8	GHD2	10kw	ah75
G -Jersey R.	17	L/VC,IRC	1726		1kw	zeTC
G -NDB Cumberland	21	PPC/SASE	375	"CBN"	50w	js33
G -NDB Woodford	51	PPC,I/-	380	"WFD"	20w	js33
G -Norwick R.	8	L,C,S/IRC,VC	3542.7	GNK2	10kw	ah75
GIB-R Ny Gibraltar	464	C/3 f/up,IRC	12824.2	GYU		zeTC
GRC-Athinai Air	44	PPC (reg)/IRC,VC	5637		1kw	ah75
GRC-Heraklion Air	17	PPC/RP	5637	SWH	300w	mm35
GRC-Kavala Air	36	PPC/IRC,VC	5637		100w	ah75
GRC-Thessaloniki Air	36	PPC/IRC,VC	5637		100w	ah75
GRL-Amassalik R.	31	PPC/IRC	2250	OZL	500w	js33
HKG-LDOC Hong Kong Dragon	19	L/RP	13333		10kw	mm35
HOL-Ijmuiden Rescue	15	PPC,S/IRC (back)	5680	PBK	1kw	ah75
I -NDB Pisa	36	PPC,Fo/SASE	379	"PIS"	100w	js33
I -Venezia R.	30	PPC,L/SASE	2182	IPN	1kw	js33
IAI-Cathay CX 251	19	L/-	5658			hb31
IAI-Heli Lee-on-Solent	11	L,PPC/RP	5680	GBDIJ		hb31
INS-Belawan R.	39	L/IRC,VC	8686	PKB	1kw	ah75
INS-Ujung Pandang Air	17	PPC,L,VC/1\$	11396		5kw	mm35
IWA-Broughty Ferry Lifeboat	36	PPC,L,I/SASE	2182	2PJY	400w	js33
IWA-G Ny Training Ship Langeoog	8	PPC,L,Fo/SASE	5680	DRNN		js33
IWA-HMS Cumberland	73	PPC,Fo,/RP	8240	GAAP		js33
IWA-HMS Gloucester	38	PPC,I/RP	2182	GBBF		js33

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IWA-MV Agip Ravenna	56	PPC,L,Fo/-	2182	IBOS	1.5kw	js33	
IWA-MV Alemania Express	26	PPC/-	2182	DHRG	1.4kw	js33	
IWA-MV Ali Baba	47	PPC,L,Fos/SASE	2182	DABE	250w	js33	
IWA-MV Autobahn (hi! ed)	31	L,PPC/RP	2182	GBFQ		hb31	
IWA-MV Bansin	29	PPC,L/SASE	2182	Y50Q	400w	js33	
IWA-MV Durrington	44	PPC,L/-	2182	GBSN	400w	js33	
IWA-MV FFPV Trollnes	36	PPC,Fo/-	2182	LAKN4	400w	js33	
IWA-MV Grampian Venture	47	L,PPC/RP	2182	GCLH		hb31	
IWA-MV Icebreaker Odin	63	PPC,L,S,Fo,VC/-	2182	SMLQ	100w	js33	
IWA-MV John Shaw	53	L,PPC/RP	2182	3EDT9		hb31	
IWA-MV Katharina Charlotte	22	PPC/SASE	2182	DCQK	25w	js33	
IWA-MV Oil Chieftain	23	PPC/SASE	2182	GJMF		js33	
IWA-MV Polytraveller	27	L,Fo,I/-	2182	LHRM	400w	js33	
IWA-MV Safe Lancia	24	C/RP	2182	SKPQ		hb31	
IWA-MV Seabord Snipe	72	PPC,L,I/SASE	2182	MNFU9		js33	
IWA-MV Sologne	215	PPC,L,FosI/-	16587.1	FNUH	1.5kw	js33	
IWA-MV Stena Constructor	21	PPC/RP	2182			hb31	
IWA-MV World Duality	29	PCC,L/-	500	5PMO	600w	js33	
IWA-NOR Ny Frigate Bergen	15	PPC,L,Fo/SASE	5680	LBAC		js33	
IWA-Platform Cormorant A	24	L,C/RP	2182			hb31	
IWA-Platform Gyda	19	PPC,Fo/-	2182	LF3A	400w	js33	
IWA-Rig Borgny Dolphin	30	PPC,L/SASE	2182	3EWU6	400w	js33	
IWA-Rig Glomar Labrador I	35	PPC,L,Fo/SASE	2182	KFPN	400w	js33	
IWA-Rig Santa F, Monitor	15	PPC,L,Booklet/-	2182	HP5508	300w	js33	
IWA-Rig Sedco 712	29	L,PPC/RP	2182	WMQH		hb31	
IWA-Rig Transocean 8	38	PPC/-	2182	LFCV	400w	js33	
JOR-Aqaba R.	28	L,PPC/1\$ back,VC	8471	JYO	1kw	ah75	
LUX-NDB Diekirch	26	PPC/IRC	307	"DIK"	50w	js33	
MLA-Kuala Lumpur Air	38	L/1\$	6556			hb31	
RUS-Kaliningrad R.	80	L,PPC/IRC,VC	8466	UJY	5kw	ah75	
S -NDB Kalmar	79	PPC/VC	366	"KM"	100w	zeTC	
TCH-NDB Karlovy Vary/Vrata	74	PPC,L/SASE	669	"L"		zeTC	
TCH-NDB Otrokovice	74	PPC,L/SASE	574	"GT"		zeTC	
TCH-Praha R.	36	PPC/1\$,VC	8544	OMP44	1kw	ah75	
TUR-USAF Incirlik AFB	91	C,PPC/1\$,VC	11176	AJO	3kw	ah75	
UKR-Odessa R.	35	L,Ham-C/1\$	8593	UFB	5kw	mm35	
USA-Fitchburg Fire	69	PPC/-	33700	KNJX299		hb31	
USA-Harvard Fire	41	L,PPC,Fo/-	33700			hb31	
USA-MARS Greenville	19	PPC/RP	14471.5	NNN0ZEC		hb31	
USA-MARS US Ny Alexandria	19	C,I/-	20936	NNN0NCG		js33	
USA-Montgomery Emergency	23	L,PPC/-	33700	KUE698		hb31	
USA-Sterling Fire	51	PPC/-	33700			hb31	
USA-Templeton Fire	38	PPC/-	33700			hb31	
USA-USCG Boston	20	C,Sked,I/VC	16810.5	NMF	10kw	zeTC	
USA-USCG Group Cape Hatteras	81	PPC,L/-	2182	NMN13	100w	js33	
USA-Westmoreland Emergency	15	L,PPC/-	33700			hb31	
VRG-LIAT Tortola	38	PPC,L/1\$	5568			mm35	
YUG-NDB Pristina	366	PPC/- direct	399	"RBT"	50nm	js33	

ADDRESSES / VERIE - SIGNERS

Cordoba Air: Sergio A. Herrera, Virgen de la Merced 2531, BARRIO Altos de San Martin, Cod. Postal 5009 - Cordoba, Argentina

USCG Group Cape Hatteras: Commander USCG Group Cape Hatteras, P. O. Box 604, Buxton, NC 27920-0604 (js33)

USCG Boston NMF: V/s Christopher G. Grau (Radioman First Class, WL7BxB) Jersey R.: K. J. Poole (zeTC)

LIAT Tortola: LIAT (1974) Ltd., HF Operations/Dispatch Office, PO Box 803, Road Town, Tortola, Beef Island, British Virgin Islands (mm35)

Odessa R.: V/s A. D. Slyusarenko
LIAT Tortola (Beef Island): V/s Y. L. Samuels
Ujung Pandang Air: V/s Djoko warsito (mm35)

UTNL1992

I N F O S

Concerning NL 1/92 RTTY 24458.3. Indeed, this station is puzzling as traffic seems to come from several ANT stations. On one occasion the station stopped traffic, changed RTTY mode and signal strength, so may be there were two different stations on the channel, or may be only a switch of antenna. Anyway, ITU lists only FJY3 Terre Adelie (=Dumont d'Urville) on 24460 kHz. I sent a report to FJY3, asking for info, but so far I had no reply (fmI).

Since Dec 31 1991 IBF Turin ceased transmissions (fmI).

Stuff from msNL: Michiel heard a LIAT Station on 5568 with id "Johnson" (Airport). Who, what, why and above all: where?

Some more infos cf. MINURSO: msNL could not find Umm Drejda in his Atlas. Help is welcome.

In the Western Sahara there are about 3000 persons working for the UN: 1695 military personnel (incl. 550 military observers, an infantry bataillon of 700 men, a 110-member air support group with 4 airplanes and 8 helicopters, 40 men Military Police) and 750 to 800 civil officials additionally to 300 policemen. Altogether this social event costs 180 Million \$. Address for MINURSO?

No address, but the Fax number for MINURSO Laayoun is supplied by mm35: 87415111553. Commanding Officer is Mr. Rizvi Zia (mm35)

Hong Kong Dragon Radio is an LDOC station, which is belonging to Telecom and not, as has been assumed in former NLs, to Cathay Pacific or Hong Kong Dragon Airlines. The station is located on the Cape d'Aguilar on the Island of Hong Kong, from where the Coastal Radiostation VPS is already pleasing the DXer. Dragon Radio works with a broadband monocone antenna and uses the Racal TA 1800 transmitter with 10kw output. Address of station: Hong Kong Telecom International Ltd., Mr. K. H. Fung, Unit Head HF Radio Transmitting, Telecom House, 3 Gloucester Road, GPO Box 597, Hong Kong.

As an update to Utility Address Book: C&W withdrew from the HF-business in HKG, for VPS/AFP/Dragon and TS Royal Observatory Nathan Road only the Telecom is responsible (mm35)

If someone looks for fotos or illustrations cf. radionavigation units (ILS,MLS...) he should phone Mrs. Thimm of the Press Department of SEL/Alcatel (Tel.: 0711-8212327, Fax: 0711-8216055) (mm35).

I received some more comments on the DXCC vs. EDXC list discussion. Will be published in the April issue.

Membership fee received from vs79, fgI and jwA. I had no time to check my account the last weeks. There are two further persons, who paid the bill - will also be included next month.

That is all for this month. Sorry for being so late.

Thanks to mm35, pcG, dp41, fd40, js33, zeTC, fmI, msNL, ah75, hb31 and fs74.

As late as always here we are again with some very good stuff. Enjoy it!

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

301.1	0032	PS	Cabo de Peñas Lt.	E id+dash	nr75
312.5	0228	BT	Mys Taran Lt.	RUS id+dash	nr75
By the way: BT is the id for the old name for Taran: Brsterort, hi,nr/ed					
312.5	0229	BK	Baltijsk Lt.	RUS id+dash	nr75
318.5	0215	WD	Vilsandi Lt.	EST id+dash	nr75
320.5	2115	TY	Troyes/Barbarei	F id+dash	nr75
333	1410	HDM	Coleman ?	D id ex 492?	nr75
335	2235	RIM	Rimini/Miramare	I id	nr75
348	2150	SVR	Sagvar	HNG id	nr75
354	1400	MTZ	Metz	F id+dash	nr75

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360	0036	BRS	Unid	F?	id+dash	nr75
363.5	0115	BRD	Brindisi/Casale	I	id	nr75
367.5	2255	PNZ	Ponza	I	id	nr75
381	0050	ESP	Espoo	FNL	id	nr75
383.5	2340	RMP	Rocca Imperiale	I	id	nr75
385	1844	OAN	Orl,ans/Bricy	F	id+dash	pcG
386	1850	STD	Stad Aant	HOL	id	pcG
387	0228	VDL	Vardal	NOR	id	nr75
388	2320	RTI	Unid	?	id+dash	nr75
392.5	0050	BX	Mende/Brenoux	F	id+dash	nr75
393	0057	HAP	Haapajarvi	FNL	id	nr75
396	0030	HYV	Hyvink,,,"	FNL	id	nr75
396	2155	RON	Ronchi dei Legionari	I	id	nr75
398	2240	ZR	Beziers ?	F	id+dash	nr75
400	1530	MEG	still unid	?	id	nr74
401	2200	MSW	Unid	?	id	nr75
401	2202	BKL	Unid	?	id	nr75
405	0045	AV	G"teborg/S,,ve	S	id	nr75
412	2347	GRN	Gerona	E	id+dash (!)	nr75
413	0019	BOA	Bologna	I	id	nr75
417	0035	AX	Auxerre/Branches	F	id+dash	nr75
429	2152	D	Prague	TCH	id	nr75
433	2320	BR	Unid	?	id+dash	nr75
435	0312	JBR	Jazbereny	HNG	id	nr75
438	2330	PE	Poprad	TCH	id	nr75
448	0140	TU	Unid	?	id+dash	nr75
453	2335	CN	Piestany	TCH	id	nr75
478	2208	RP	Unid	?	id	nr75
1612.5	2050	LGB	Rogaland R.	NOR	cw-sitor	zeTC

M A R I T I M E

1618	2052	PCH	Scheveningen R.	HOL	cw-sitor	zeTC
2182	2034	OFH	Mariehamn R.	FNL	E all ships	zeTC
2182	2035	EAS	Tarifa R.	E	S/E all ships	zeTC
2460	1707	UDH	Riga R.	LAT	cw-sitor	zeTC
2635	1728	IQH	Napoli R.	I	I wkg	zeTC
2639	1721	SPS	Witowo R.	POL	POL wkg	zeTC
4216	2048	A7D	Doha R.	QAT	cw-sitor	zeTC
8176	1948		Sydney R. (?)	AUS	E anns	nr75
at 1943 E anns abt sked to listen on 4134 and 6260. 1948 E wx....						
8568.5	0130	XFM	Manzanillo R.	MEX	cw-cq	nr75
8734	0338	SVN42	Athens R.	GRC	ts & time anns//8743	zeTC
12720	1632	UDK2	Murmansk R.	RUS	cw-clg 4LS	zeTC
12879.5	1311	WSC	Tuckerton R.	USA	cw-cq	zeTC
12917	0206	KLB	Seattle R.	USA	cw-cq	nr75
17007.8	1545	KLB	Seattle R.	USA	cw-cq & wkg ships	pcG
17052	1058	XSX	Keelung R.	TWN	cw-cq	pcG
17079	1048	HLF	Seoul R.	KOR	cw-cq	pcG
17081.6	1037	JFA	Matsudo R.	J	cw-cq	pcG
22408	1332	ZSC65	Cape Town R.	AFS	cw-sitor	zeTC
25308	1010	LFR	Rogaland R.	NOR	cw-vvv	zeTC

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

5680	0910	VLL91	Unid	G	E wkg Plymouth Rescue	wk98
5691	0612	DHO23	Unid	D	G r/c DHM91	wk98
5691	0629	DHO60	Unid	D	G r/c DHM91	wk98
6643	0109		Cathay Pacific CX261	IAI	E wkg Berna	wk98
8855	2235		Cayenne Air	GUF	E wkg Paramaribo	nr75
8867	1801		Sydney Air	AUS	E wkg "15"	fmI
8891	0056		Japan Air 623	IAI	E wkg Iceland	wk98
8930	1705		Air Columbus CNB751	IAI	E wkg Stockholm	wk98
8930	2020		Maersk Air DMA476	IAI	E wkg Stockholm	wk98
8930	2345		Bangkok R. LDOC?	THA	E r/c Stockholm	wk98

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10030	1659	D-AERT	LTU107	IAI G wkg	LTU Dsseldorf	wk98
10078	0958		Hamburg Maintenance	D G wkg	LH450	wk98
11306	1818	G-..MG	British Midland	IAI E wkg	Portishead	wk98
11345	0813		Sch"nefeld Dispatch	D G wkg	D-..AO	wk98
11345	0838		Oasis Intl. AAN904	IAI E wkg	Stockholm	wk98
11396	1402		Perth Air	AUS E wkg	a/c "45"	nr75
13240	2041		"Karachi" LDOC?	PAK E wkg	Pakistan 780	nr75
23285	1252	9XRJA	Air Rwanda	IAI to Bern	posn Bujumburawk98	
23285	1323		Lauda Air 879	IAI E wkg	Berna	wk98

FIXED BANDS

3330	0458	CHU	NRC Ottawa	CAN E/F id & ts		zeTC
3914.5	1737	AEM1US	MARS Heidelberg	D E wkg	AEM1TE	zeTC
3914.5	1742	AEM1ZLB	MARS Laubach	D E wkg	AEM1TE	zeTC
3914.5	1751	AEM1TE	MARS Unid	D E wkg	AEM1TS	zeTC
3914.5	1758	AEM1TS	MARS Unid	D E wkg	AEM1TE	zeTC
4731	0520	MKL	RAF Pitreavie	G cw-de		zeTC
8090	0007	NAM	US Ny Norfolk	USA cw-de		zeTC
9109	0020	HSZ	THA Ny Bangkok (?)	THA cw-cq		nr75
"cq cq cq de hsz hsz hsz time signals", but				no timesignals at all!...		
9115	2347	LRB91	R. Continental	ARG S Feeder		zeTC
9117.7	2007	PCW1	MFA Den Haag	HOL cw-sitor		zeTC
10000	0559	WWVH	NIST Kekaha	HWI ts & id		zeTC
10000	0909	WWV	NIST Fort Collins	USA E id & ts		zeTC
10872	1347	C	SLB Moscow	RUS cw-beacon id		zeTC
10873	1347	S	SLB Archangelsk	RUS cw-beacon id		zeTC
13570	2334		Generale Pacheco R.	ARG S vm-m		zeTC
13635	1353	S	SLB Archangelsk	RUS cw-beacon id		zeTC
13636	2156	C	SLB Moscow	RUS cw-beacon id		zeTC
13637	2156	F	SLB Vladivostok	RUS cw-beacon id		zeTC
13826	0026	NNN0ICE	MARS McMurdo	ANT E wkg	N0NPA	zeTC
13974	0127	NNN0NPA	MARS Palmer	ANT E wkg	N0JQC	zeTC
13974	0130	NNN0JQC	MARS Unid	USA E wkg	N0NPA	zeTC
14391.5	2127	NNN0KRQ	MARS Cincinnati	USA E wkg	N0CAA	zeTC
14391.5	2136	NNN0CXT	MARS USS Thorn	IWA E wkg	N0KRQ	zeTC
14391.5	2146	NNN0CAA	MARS USS Newport	IWA E wkg	N0KRQ	zeTC
14391.5	2149	NNN0CUS	MARS USS Inchon	IWA E wkg	N0KRQ	zeTC
14391.5	2217	NNN0CRQ	MARS USS Leader	IWA E id		zeTC
14391.5	2219	NNN0CNP	MARS USS Bainbridge	IWA E wkg	N0CRQ	zeTC
14391.5	2224	NNN0CFK	MARS USS Unid	IWA E wkg	N0KRQ	zeTC
14441.4	1925	NNN0CUX	MARS USS Nassau	IWA E wkg	N0PRQ	nr75
14441.4	1925	NNN0PRQ	MARS Caneyville,KY	USA E wkg	N0CUX	nr75
14441.4	2056	NNN0CZY	MARS USS Scott	IWA E wkg	N0ICK	nr75
14441.4	2056	NNN0ICK	MARS Unid	USA E wkg	N0CZY	nr75
14441.5	2206	NNN0CZY	MARS USS Scott	IWA E wkg	stateside	zeTC
14441.5	2210	NNN0ZTI	MARS Virginia Beach	USA E id		zeTC
14441.5	2245	NNN0CZN	MARS USS Boone	IWA E clg	stateside	zeTC
14441.5	2249	NNN0CYB	MARS USS Clark	IWA E wkg	0CZN	zeTC
14467	2254	NNN0ERA	MARS Cape Coral	USA E wkg	N0CNP	zeTC
14467	2308	NNN0CRZ	MARS USS America	IWA E wkg	N0ERA	zeTC
14470	2225	NNN0CYG	MARS USS Ticonderoga	IWA E wkg	N0BBF	zeTC
14470	2328	NNN0BBF	MARS Unid	? E wkg	N0CYZ	zeTC
14477	2227	NNN0CVG	MARS USS Eisenhower	IWA E wkg	N0KRQ	zeTC
14656	2136	SPW	Warsaw R.	POL POL wkg		zeTC
14917.6	1827		Radio Kiribati	KIR Feeder	USB	fmI
15970	2123	KKN50	DOS Washington	USA cw-gra		zeTC
16339.7	0915	ZKLF	Auckland Meteo	NZL cw-cq		nr75
20410	1115		SA-AAMC Moscow	RUS R duplex	tfc	fmI
20586	1148	KRH50	US Emb London	G cw-gra		zeTC
20850	1146	RCB59	R. Moscow	RUS R Feeder	relay R.Rosii	zeTC
22900	2017	GPA7	Portishead R.	G cw-sitor		zeTC
23642	1001	KWS78	US Emb Athens	GRC cw-gra		zeTC
23750	0727	OEY42	AUSBATT HQ Salzburg	AUT G simplex	to CYP	zeTC
23975	1311	KKN50	DOS Washington	USA cw-gra		zeTC
143625	1315		MIR Space Orbiter	SPACE R wkg	ground	mm35

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

4589.6	1128	"THVHF"	LKA Bonn	D	msg		pcG
4752	2008	RFFB	MOD Paris	F	msg	ARQ-E 72	pcG
4754	2120	RE...	Guardia Civil	E	msg	TOR-A 100	pcG
4972.6	1800	"GOVHF"	LKA Bonn	D	msg	ARQ-E 72	pcG
5465.5	1401	RFFVA	Unid	?	controle de voie	50	dp41
5911.5	1839	RETWNP	Guardia Civil Pontevedra	?	msg	TOR-A 100	pcG
7473	0900	RFF...	Unid	F	msg	ARQ-E 48	pcG
msgs about "Red Dragon Manoeuvre", also "voyez le brick ryriryry"...							
7595	1600	RFFB	MOD Paris	F	msg	ARQ-E 72	pcG
7614	2211	RFF...	Bordeaux ?	F	msgs	ARQ-E 72	pcG
7830	2210	RFFA	MOD Paris	F	cont. idle	ARQ-E 72	pcG
7908	1720	"FFVX" (selcal)	Unid	?	wkg	TOR-A 100	pcG
7946	1808	RFF...	Unid	F	msgs	ARQ-E 96	pcG
msgs from DIPERMIL Paris, de RFFIC/de RFVIT....							
8161.5	1545		I Emb Budapest	HNG	I wkg Rome	SIT-A	fmI
13953	1450	P6Z	MFA Paris	F	to H6L Alger	FEC-A 144	fmI
14754	2147	RFFXI	FF Bangui	CAF	aero msg	ARQ-E 72	fmI
14975	1430	P6Z	MFA Paris	F	to H6L Alger	FEC-A 192	fmI
16229	1442	RCF	RUS Ny Moscow	RUS	cq		75 dp41
18107.3	0632		Unid	?	wx, e.g. GMMC, HECA, LYBM		dp41

Q S L - R E V I E W

AFS-AFS Ny Cape Town	48	C/Fo, 1\$	12849	ZSJ	30kw	fd40
AFS-AFS Ny Cape Town	75	C/IRC	17006	ZSJ	30kw	mm35
AMS-Saint Paul R.	125	PPC/IRC, Fo, VC dir	8690	FJY4	1kw	dp41
ANT-Bellingshausen Base	347	PPC/IRC, Fo, VC	13385	UGE2	5kw	dp41
ANT-Mirnyi Base	347	PPC/IRC, Fo, VC	13385	UUT	5kw	dp41
ANT-Molodezhnaya Base	347	PPC/IRC, Fo, VC	13385	RUZU	5kw	dp41
ANT-Novolazarevskaya Base	347	PPC/IRC, Fo, VC	13385	UDY	1kw	dp41
ATG-LDOC LIAT Antigua	24	PPC, L/Fo, VC, 1\$	5568	"Bird"	100w	fd40
AUS-AUS Ny Canberra	46	PPC, L, I/Fo, 1\$	8512	VHI	10kw	fd40
AUS-Perth Air	24	PPC, L/Fo, 1\$	11396		5kw	fd40
B -Brasilia Air	33	PPC, L, VCS/Fo, 1\$	8855		1kw	fd40
CAN-Saint Anthony CGR.	76	PPC/Fo, 1\$	2182	VCM	1kw	fd40
CAN-Yarmouth CGR.	55	PPC, L/Fo, 1\$	2182	VAU	1kw	fd40
CHL-Antofagasta R.	77	PPC, L, VC/IRC, Fo	8461	CBA	1kw	dp41
CNR-Canarias Air	74	L/RP	8861		1kw	mm35
CPV-Sal Air	22	PPC/Fo, 1\$	8861		1.5kw	fd40
CPV-Sao Vicente R.	51	2 L, C/Fo, 1\$	8469	D4A	1kw	fd40
CYP-AUSCON Larnaca	17	PPC, Fos, L, I/IRC	23750	OEY31	150w	dp41
CYP-RAF Akrotiri (tnx to ah75)	61	PPC, S/Ham-C/IRC	20330	MKD		dp41
CYP-RAF Akrotiri	44	PPC/IRC	9032	MKD	10kw	mm35
D -NDB Erfurt	52	PPC, 4S/VC, SASE	back410	"RF"	100w	zeTC
DNK-Karup Rescue	17	PPC/Fo, IRC	5680		750w	fd40
DNK-Vaerlise RCC	12	PPC, S/IRC, VC	5680	EKVL	400w	fd40
F -NDB Laval/Entrammes	31	PPC, S, I/Fo, RP	401	"LA"	75w	fd40
F -NDB Paris (Roissy)	30	PPC/Fo, RP	356	"RSY"	20w	fd40
F -NDB Roanne	44	PPC, I/Fo, RP	358.5	"RNN"	25w	fd40
G -Edinburgh Rescue	91	PPC/IRC, Fo, VC	5680	GFF		dp41
G -Falmouth CGR.	16	Negative/RP, Fo	2226			fd40
G -Humber CGR.	22	L, PPC, I/Fo, RP	2226		250w	fd40
G -USAF Croughton	46	QSL-sheet/Fo, RP	11176			fd40
GRC-GRC Ny Khania (via Athens)	84	PPC, L, S/IRC, Fo, VC	3678	SXH32	1kw	dp41
GRC-Kerkyra Air	60	L, PPC/RP	5637		450w	mm35
GRL-Sondre Strimfjord Air	30	PPC, I/IRC, Fo, VC	8945	XPJ	5kw	dp41
HKG-Cape d Aguilar R.	17	L, I, PPC/Fo, 1\$	8539	VPS35	5kw	fd40
HNG-MALEV Budapest	75	L, PPC, Ham-Cs/1\$	8930		1.5kw	mm35
HOL-LDOC KLM Amsterdam	16	PPC/Fo, RP	8924			fd40
I -ANSA Rome	40	PPC, C/IRC, Fo, VC	12107	ISX20	15kw	dp41
I -NDB Ancona	36	PPC/Fo, RP	374.5	"ANC"	50w	fd40
I -NDB Bari	41	PPC/AK, RP	back 401	"BPL"	100w	fd40
I -NDB Gazaldo	18	PPC, Fos/Fo, RP	382	"GAZ"	100w	fd40
I -NDB Treviso	36	PPC/Fo, RP	301.5	"TRE"	100w	fd40

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IAI-Ambulance 991	18	PPC,L/RP	8930	D-CCAA	wk98
IAI-Delta Air DL77	27	PPC,C,I/VC,1\$ back	8930	N817PA	200w wk98
IAI-Maersk Air DMA476	8	PPC,I,Fo,S/RP,VC	8930		400w wk98
INS-Amboina R.	69	PPC,L/Fo,1\$	17184.8	PKE	1kw fd40
Greetings from Pieter Sangadji	to	OMs ah75 and hb31	via	fd40!!	
INS-Belawan R.	19	PPC/Fo,1\$	12970.5	PKB	1kw fd40
IOB-LDOC LIAT Sint Maarten	26	PPC/Fo,1\$	5568		100w fd40
IWA-G Ny "Troika Boat" Schleswig	12	PPC,L,Fo/RP,Fo	5680	DREA	100w dp41
IWA-G Ny Minesweeper Koblenz	14	PPC/RP,Fo,VC	5680	DREL	100w dp41
IWA-G Ny Minesweeper Minden	6	PPC/RP,Fo,VC	5680	DREK	100w dp41
IWA-G Ny Minesweeper weilheim	68	PPC/Fo,RP	2182	DREO	100w fd40
IWA-G Ny Speedboat Elster	19	PPC/RP,Fo,VC	5680	DRBN	100w dp41
IWA-G Ny Speedboat H,,her	9	PPC/RP,Fo,C	5680	DRBU	100w dp41
IWA-G Ny Supplier Meersburg	9	PPC/RP,Fo,VC	5680	DRKH	100w dp41
IWA-G Ny Supplier Nienburg	12	PPC/RP,Fo,VC	5680	DRKF	dp41
IWA-G Ny Supplier Saarburg	26	PPC,S/RP,Fo,VC	10197	DRKE	secret dp41
IWA-G Ny Vessel Langeoog	11	PPC,Fo/SASE	5680	DRNN	25w wk98
IWA-G Ny Vessel Nienburg	15	PPC/SASE	5680	DRKF	wk98
IWA-G Ny Vessel Schl.-Holstein	21	PPC,L,S/RP,Fo,VC	10197	DRAB	1kw dp41
IWA-HMS Fearless	52	PPC,I,Fo/IRC,Fo	12299	GKYQ	600w dp41
IWA-MV American Express	74	PPC,I,L/Fo,RP	16528	DIMC	1kw fd40
IWA-MV Artern	35	PPC,L,VC/RP,Fo	2182	Y5GW	300w fd40
IWA-MV Cam Ranger	81	PPC,3kg I!,Fo/RP	2182	GJSQ	fd40
IWA-MV Grampian Freedom	78	PPC,L,Fo/Fo,RP	2182	GVHR	fd40
IWA-MV Grampian Osprey	78	PPC,L/Fo,RP	2182	MJNG	fd40
IWA-MV Hannover Express	52	PPC/Fo,RP	16528	DEHZ	750w fd40
IWA-MV Prof.Vize posn.near NGD347	PPC/IRC,Fo,VC	13385	UPUI	1.5kw dp41	
IWA-MV Seabord Implacable	59	PPC/Fo,RP	2182	GQSU	fd40
IWA-MV Seabord Swan	83	PPC,Fos,I/Fo,RP	2182	MNDL9	200w fd40
IWA-MV Therese Delmas	61	L,Fo/Fo,RP	2182	FNYZ	400w fd40
IWA-Rig (Flotel) Polycastle	56	PPC,I/Fo,IRC	2182	LFGE	400w fd40
J -Naha Air	20	C,4VC/IRC,Fo,VC	8903		5kw dp41
J -Tokyo Air	25	C/Fo,1\$	8903		1.5kw fd40
JOR-Aqaba R.	45	L/Fo,1\$ back	8474	JYO	1-2kw fd40
LCA-LDOC LIAT Saint Lucia	25	PPC/IRC,Fo,VC	5568	"Vigie"	150w dp41
MEX-Salina Cruz R.	74	L/Fo,1\$ via Centr	12709.2	XFQ	1kw fd40
MWI-Lilongwe Air	75	L,PPC/1\$	8879		400w mm35
NZL-Wellington R.	63	PPC,L,QLS-L/IRC	12740	ZLW	10kw dp41
ROU-ROMPRESS Bucharest	50	PPC,Sked/IRC,Fo	6972	YOG59	15kw dp41
RUS-Moscow R.	62	L,PPC/1\$	8419		15kw mm35
S -Stockholm RCC	15	PPC,L,S/VC	5680		wk98
SEN-F Ny Dakar	38	PPC,L/IRC,Fo,VC	12857	6WW	5kw dp41
SVB-Longyear Info	103	PPC/IRC,Fo,VC	5680	LML	1.5kw dp41
TON-Fua'amotu Air	671	PPC,L,Fo,I/IRC,Fo	8846		1kw dp41
URS-Baku R.	210	PPC,VC/IRC,Fo,VC	4369.8	UON	200w dp41
URS-Gelendzhik R.	65	PPC,Fos,Ham-C/IRC	12729	UVA	15kw dp41
URS-Novorossiysk R.	57	PPC,Comp-QLS,VC/	8571	UFN	5kw dp41
URS-Riga R.	170	PPC,Ham-C/IRC,Fo	8506	UDH	15kw dp41

Cf. URS in the above list: Receptions were made by OM dp41 during the time when the USSR was still existing (ed).
 Cf. ANT-QLS by dp41: All via M. Fokin

A D D R E S S E S / V E R I E - S I G N E R S

Karup Rescue: Flyvertaktisk Kommando, Operationsafdelingen, RCC Karup, K ilvr , DK-7470 Karup, Denmark

LDOC LIAT Juliana: LIAT (1974) Ltd., Juliana Airport, Sint Maarten, Netherlands Antilles

TASA Rio de Janeiro: Ponta do Galeao, Ilha do Governador,aixa Postal 3112, Rio de Janeiro/RJ - CEP 21941, Brazil (fd40)

ROMPRESS: ROMPRES, Agentie de Presa, Piata Presei Libere Nr. 1, Bucuresti, Romania (they ask for reports)

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Estonian Shipping Co.: New Zip-Code is Tallinn EE 0101, Estonia/Eesti

RAF Akrotiri: Signals 5, Cyprus Flightwatch, V/s ZC4DG (mm35)
RAF Akrotiri MKD: V/s David Griffith/ZC4DG. He writes: "Thank you for your interest, however to save you any further trouble, your report is of little use to the "big boys", so there is no point in sending any more." (dp41)

Fua'amotu Air: V/s Alister T Pringle. Excerpts from his letter: "I operated all the aeronautical equipment on Niue (including morse) between 1976 and 1980. Between Oct 89 and Oct 90 I was stationed at the New Zealand Scientific Station "Scott Base" in the Antarctic. I handled all communications out of that base for the year and also operated a ham rig from time to time. Like yourself, I find it an enjoyable hobby to be able to have the radio world in your home.." (dp41)

MALEV Budapest: Geza Sch„fer, Senior Traffic Controller, MALEV Operations Control, Ferihegy 1, H-1185 Budapest

Canarias Air: Ministerio de Obras Publicas y Transportes, Direcci3n General de Aviacion Civil, Centro de Control de Transito Aereo del Area de Canarias, Estacion Aeronautica de HF "Canarias Radio", Apartado 69, Aeropuerto de Gran Canaria

Kerkyra Air: Civil Aviation Authority, Telecom Center, GR-49100 Corfou Airport - V/s Ms. Areti Fatourou/Telecom Operator

Lilongwe Aeradio: Malawi Government, Airport Commandant, Communications Centre, PO Box 44, Kamuzu International Airport, Lumbadzi, Lilongwe, V/s Joe Kazembe/Senior Communications Officer and Officer-in-Charge (mm35)

I N F O S

Aqaba Radio transmits from 0400-2000 UTC. They would like to receive reports from DXers. V/s is Dr. Dureid Mahasneh (fd40).

Same applies for G Ny Vessel "Schleswig" DREA (dp41).

AUSBATT callsigns OEY232, 622, 732 etc. are obsolete since 10 years or so. "New" are OEY42 (Salzburg), OEY32 (Larnaca), OEY31 (Golan Heights) (dp41)

Since which date LAT, RUS, EST, GEO and so on count as different radio countries? (dp41) OM ai41 has the same problems.

Dieter: Cyprus Flightwatch is the aeronautical section of RAF Akrotiri.

dp41 heard a station MQK25 on 5680 working GFF in A1. Any idea? Users of the callsigns DHO24 and DHJ41 would also be of interest.

To fgI: Yes, I would be very glad, if you could write something about SEPAC for our members (ed)

Some more comments on our controversy EDXC vs DXCC list:

mm35 would prefer the DXCC list. Reasons: There is no hope that EDXC will produce a new list in the future. The DXCC, on the contrary, has a Board of Chairmen, who meets on a regular scale. The DXCC has very strict rules as to which a piece of earth is going to become a new country. The island/exclave must have a certain distance to the motherland. Autonomous republics will be accepted as an own country, when certain political conditions are fulfilled.

ah75, who will become a ham in the near future, would rejoice if the DXCC list could be used.

ai41, on the other hand, hesitates to use the DXCC list, because of entries like the Balearic Islands, which have an other status as for example Gibraltar. Beside of that the DXCC list is too big-sized to be used by Ute-

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Dxers. There is only a small hope that the Spratly Islands ever will have a Utility station (but what about Aves Island in the EDXC-list? ed).
 Proposal by ai41: One should (I think especially in the case of Yugoslavia and the GUS, ed) count newly independent states as own countries, when they have been recognized by the EC or the UN.

Further comments?

Next NL will include two book reviews on the 3rd edition of the "Beacon Handbook" and the book "Seefunk auf allen Meeren", written by one of our members, namely rb "Big Gun" 61.

I got the payment from OMs fgI, jvNL, vs79 and wk98 (geht klar mit BM), but not from js33 (ich werde weiter nachforschen, Jo, bisher nix eingetroffen). For 3/92 I still await payment by ikG, and for 4/92 are due rbNL, pb40, kjs, fmI, koCH and for 5/92 I would like some cash from cw30.

See you all next month. Have a nice springtime with a lot of DX!!

Hi there. Temperatures are a bit unpleasant for typing the following, but (un)fortunately you gave me rather few items to arrange. Keep infos and logs rolling as usual!

M A R I T I M E

2598	0040	VOO	Comfort Cove CGR.	CAN E wx		fd40
2598	0050		Unid CGR.	CAN E wx		fd40
2598	0110	VCM	St. Anthony CGR.	CAN E wx		fd40
2598	0135	VON	St. John's CGR.	CAN E wx		fd40
4227	0005	IGJ42	I Ny Augusta	I cw-vvv	good	xx00
6412	1923	9VG55	Singapore R.	SNG cw-cq		pcG
6420.5	0553	VIX	R AUS Ny Canberra	AUS cw-cq		xx00
6464	1848	VIS3	Sydney R.	AUS cw-vvv cq		xx00
8441.4	0852	9HD	Malta R.	MLT cw-vvv		pcG
8447	0505	L2C	Pref.Naval B.Aires	ARG cw-wkg	good	xx00
8471.5	1837	SUP	Port Said R.	EGY cw-vvv cq		xx00
8473.3	1657	A7D	Doha R.	QAT cw-de		ht43
8474	1917	JYO	Aqaba R.	JOR cw-cq		pcG
8475.5	1833	FUX	F Ny Saint Denis	REU cw-vvv cq		xx00
8515	1707	5AT	Tripoli R.	LBY cw-vvv cq		ht43
8528.5	1947	EBA	E Ny Madrid	E cw-cq		pcG
8539	2138	PWZ33	B Ny Rio	B cw-vvv		pcG
8558	1802	VSL1	Seria R.	BRU cw-vvv de vs11	weak	xx00
8568.5	0643	XFM	Manzanillo R.	MEX cw-cq		pcG
8585	1819	KUQ	Pago-Pago R. (vy tent)	SMA cw-vvv cq	vy weak	xx00
8597	1817	VIPO	Perth R.	AUS cw-vvv cq		xx00
8657a	1803		RM Novorossijsk R.	RUS cw-wx in RUS		xx00
8686	0905	CNP	Casablanca R.	MRC cw-cq		pcG
8694	1757	D3E1/2	Luanda R.	AGL cw-cq		xx00
12678	1518	9MG2	Penang R.	MLA cw-rtty channels		xx00
12682.5	0851	PKE	Amboina R.	INS cw-cq		pcG
12727	1430	HLW	Seoul R.	KOR cw-cq		ht43
12736.6	1434	TAH	Istanbul R.	TUR cw-de		ht43
12788	0643	JFA	Matsudo R.	J cw-cq		pcG
12867	1720	XYR8	Yangon R. (tent.)	MYA cw-wx Gulf of Bengal		xx00
12907.5	0455	VIS	Sydney R.	AUS cw-navarea wkg		xx00
12925.5	1451	URD	St.Petersburg R.	RUS cw-de		ht43
13008	1856	JOR	Nagasaki R.	J cw-cq		pcG
13011	1740	AQP6	PAK Ny Karachi	PAK cw-vvv		pcG
13024.5	1742	ASK	Karachi R.	PAK cw-manual calls		pcG
13076.7	1509	HZG	Dammam R.	ARS cw-de		ht43
16912	1617	SUH	Alex R.	EGY cw-cq		pcG
16915	1646	FUX	F Ny Saint Denis	REU cw-vvv		xx00
16918.8	1910	VHP	R AUS Ny Canberra	AUS cw-vvv		fd40
16950	1656	9MB	MLA Ny Penang	MLA cw-vvv		xx00

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16957.7	0918	FUJ	F Ny Noum,a	NCL	cw-vvv	pcG
16959	1658	HML	Nampho R.	KRE	cw-cq	xx00
16960	1119	HZY	Ras Tanura R.	ARS	cw-cq	pcG
17026	2019	KFS	San Francisco R.	USA	cw-cq	pcG
17037	1251	YQI6	Constanta R.	ROU	cw-wkg	pcG
17074.4	1409	PKX	Jakarta R.	INS	cw-cq	pcG
17083	1735	JFA	Chuo R.	J	cw-cq	fd40
17088.8	2136	KPH	San Francisco R.	USA	cw-vvv	pcG
17096	2138	VPS80	Cape d'Aguilar R.	HKG	cw-cq	pcG
17126	0735	XSZ	Dalian R.	CHN	cw-vvv	xx00
17146.4	1757	NRV	USCG Guam	GUM	cw-cq	xx00
17146.4	2145	NRV	USCG Guam	GUM	cw-cq	pcG
17175	1550	A9M	Bahrain R.	BHR	cw-de	pcG
17232.4	0940	HPP	Panam R.	PNR	cw-vvv cq	fd40
17232.4	1907	HPP	Panam R.	PNR	cw-E msgs	xx00
22465	1855	9MG	Penang R.	MLA	cw-anns ARQ tfc	xx00
22473	1854	CBV	Valparaiso R.	CHL	cw-de & autotelex	xx00
22496	1412	PPJ	Juncao R.	B	cw-vvv	ht43
22520	1300	UQK	Riga R.	LAT	cw-de	ht43
22537	2011	FUF	F Ny Fort de France	MRT	cw-vvv	ht43
22563.5	1242	YUR	Rijeka R.	CRO	cw-vvv	ht43
22587	1313	LPD91	Generale Pacheco R.	B	cw-vvv	ht43
22610.5	1322	OFJ	Helsinki R.	FNL	cw-de	ht43

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

6647	0930	GDKK	MV unid	IWA	E wkg GDRN & MAFF	pcG
6647	0934	"MAFF Base"	MAFF London	G	E wkg	pcG
MAFF is the Ministry of Agriculture & Fisheries & Food wkg various fisheries patrol vessels and aircrafts.						
11363	1118		LDOC Monarch Ops,Luton	G	E wkg Monarch 1467	pcG
11363	1241		LDOC Omega Ops,Dublin	IRL	E clg C5G0A	pcG

F I X E D B A N D S

5097	0509	CFH	CAN Forces Halifax	CAN	cw-tfc list	xx00
5806.6	0531	ZKLF	Auckland Meteo	NZL	cw-wx	xx00
6035	0150		Unid	???	cw-normal speed	xx00
Time anns every minute: "TV+0350+0++++"..."TV+0351+0++++" CEST time...						
13826	0011	NNNOCOU	MARS USS Saratoga	IWA	E wkg N0PCH	fd40
13826	0011	NNN0PCH	MARS Unid	???	E wkg N0COU	fd40
13826	0025	NNN0CNP	MARS USS Bainbridge	IWA	E wkg N0PCH	fd40
13826	0028	NNN0ICE	MARS Mc Muddo	ANT	E wkg N0COU	fd40
14441.5	1930	NNN0NCY	MARS Alexandria	USA	E wkg N0NSB	fd40
14441.5	1930	NNN0NSB	MARS Unid	???	E wkg N0NCY	fd40
14441.5	2009	NNN0COT	MARS USS Fairfax Co.	IWA	E wkg N0NHA	fd40
14441.5	2009	NNN0NHA	MARS Norfolk	USA	E wkg N0COT	fd40
14441.5	2011	NNN0CVP	MARS USS Conolly	IWA	E wkg N0NHA	fd40
14441.5	2013	NNN0KRQ	MARS MARS Cincinnati	USA	E wkg N0CRC	fd40
14441.5	2015	NNN0KBD	MARS Unid	???	E wkg N0CRC	fd40
14441.5	2021	NNN0CVL	MARS USS Shreveport	IWA	E wkg N0JCK	fd40
14441.5	2021	NNN0JCK	MARS Unid	???	E wkg N0CVL	fd40
14441.5	2032	NNN0ZTI	MARS Virginia Beach	USA	E wkg N0COT	fd40
14441.5	2056	NNN0CRC	MARS USS Sierra	IWA	E wkg N0NIK	fd40
14441.5	2056	NNN0CZC	MARS USS Suribachi	IWA	E wkg N0NIK	fd40
14441.5	2253	NNN0VPJ	MARS Unid	???	E wkg N0CYJ	fd40
14477	2242	NNN0NAP	MARS USS Milwaukee	IWA	E wkg N0NIK	fd40
14477	2242	NNN0NIK	MARS Jacksonville	USA	E wkg N0NAP	fd40
14477	2258	NNN0XPQ	MARS Fort Lauderdale	USA	E wkg N0CYJ	fd40
14477	2300	NNN0CVV	MARS USS Yellowstone	IWA	E wkg N0CYJ	fd40
14654.5	0900	SPW	Warsaw R.	POL	cw-sitor	fd40
16000	0745		TS Belconnen	AUS	TS, id, vm	fd40
20936.1	1648	NNN0FMN	MARS Omaha	USA	E wkg N0CYZ	fd40
20936.2	1643	NNN0NLS	MARS Unid	???	E wkg N0NCY	fd40

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

11540.5	2034	70C	Aden Air	YEM ry	50	pcG
14496.7	1940	CSY66	Santa Maria Air	AZR "MCA" circuit tfc	50	pcG
14506.3	1947	RETENO	Guardia Civil	E msg to RETEWL	50	pcG
14578	2100	RFFXL	FF Beirut	LBN voyez le brick..ARQ-E		pcG
16355	0837	OMZ	CTK Prague	TCH CZ nx diplo	100	pcG
17138	1530	URB2	Klaipeda R.	RUS ry cq		pcG
"RYRYRY...CQ DE URB2 22636.5 17138 12815 8541 3730 KGC".....						
18173.6	1522	STK	Khartoum Air	SDN de STK ry	50	pcG
18388.6	1702	5AF	Tripoli Air	LBY QJH HLLTYF RYRY	50	pcG
Seemed to be a victim of the air boycott... no one to talk to! pcG						
18557.5	1545		Unid	??? cont encrypt ARQ-E192		pcG
19822.5	1659	5AF	Tripoli Air	LBY RY	50	pcG

Q S L - R E V I E W

ANT-BAS Faraday Base	117	PPC,VC/IRC	9106	ZHF44	1.5kw	mm35
AUT-NDB Klagenfurt	21	PPC/VC,IRC Vienna	313	"KI"	100w	fd40
AUT-NDB Trausdorf	21	PPC/VC,IRC Vienna	315	"TF"	100w	fd40
B -Belem R.	37	PPC,I/Fo,1\$	8855		1kw	fd40
BRB-LIAT Christ Church	28	PPC/Fo,1\$	5568	Adams	100w	fd40
CVA-PTT Vatican	75	PPC/RP	14560	HVN		pcG
D -MARS USA Hanau	31	L,Ham-C/SASE	20994	AEM1CID	500w	sw65
F -NDB Basel/Mulhouse	14	PPC,3Fo's,Map/Fo,RP376		"BS"	25w	fd40
F -NDB St.Etienne	14	PPC,VC/Fo,RP	299	"BO"	25w	fd40
G -LDOC Monarch Airlines	17	L,PPC,S,VC/RP back11363		Monarch	Ops	pcG
G -LDOC Monarch Airlines	26	PPC,L,VC,St/\$ back11363		"Luton"	5kw	sw65
G -NDB New Galloway	153	PPC,I/VC,RP	399	"NGY"		fd40
G -Shetland CGR.	28	PPC/RP,map	2182		100w	sw65
GHA-Accra Air	62	PPC,L/\$ back,map	5804	9GC	1kw	sw65
GHA-Accra Air	69	PPC/RP	5803.5	9GC		pcG
GRC-Athinai Air	58	PPC,L reg/RP	5637		300w	sw65
GRL-USAF GCCS Thule	87	C/RP	13201			mm35
HWI-USCG Honolulu	120	C,L/	12889.5	NMO		pcG
I -Palermo R.	18	PPC/Fo,RP	2182	IPP	1kw	fd40
ISL-Iceland Air	100	C,VC,L/Fo,1\$	8891	TFW		fd40
IWA-MV Brandenburg	??	PPC/Fo,RP	8297	Y5EP	1kw	fd40
IWA-MV Cam Observer	118	PPC/Fo,RP	2182	GWEU		fd40
IWA-MV Hellerau	??	PPC/Fo,RP	8297	Y5FV	1kw	fd40
J -Naha R.	58	PPC,3VCS,L/Fo,1\$	8903		5kw	fd40
TWN-Taipei R.	63	QSL-L,L,VC,I/Fo,\$17332		BVA	10kw	fd40
UKR-Izmail R.	87	PPC, ,L,I/Fo,1\$	16909.7	UJO5	1kw	fd40
USA-MARS USA Fort Bliss	24	PPC/SASE,map	20994	AAT6USF	100w	sw65
USA-MARS USAF Pensacola	58	PPC,L/SASE,map	20188.5	AFA2BB	100w	sw65
USA-MARS USAF Titusville	31	PPC,L,C/SASE,map	14408	AFA2GN	500w	sw65
USA-MARS USN Cape Coral	27	PPC,C/SASE,map	14470	NNN0ERA	3kw	sw65
USA-MARS USN China Lake	57	PPC,L,C/SASE,map	14467	NNN0NRU	500w	sw65
USA-MARS USN Garden Grove	21	PPC,L/SASE,map	14391.5	NNN0TQH1	5kw	sw65
USA-MARS USN Hollywood	22	PPC,L/SASE,map	13826	NNN0IIM		sw65
USA-MARS USN Kenduskeag	27	PPC/SASE,map	14391.5	NNN0BSU	100w	sw65
USA-MARS USN Reston	72	PPC/SASE,map	14441.5	NNN0YXG	2kw	sw65
USA-MARS USN Snow Shoe	86	PPC,C/SASE,map	14441.5	NNN0EDF	800w	sw65

A D D R E S S E S / V E R I E - S I G N E R S

MARS Kenduskeag NNN0BSU: Sara Boutin, PO Box 124, Kenduskeag, ME 04450-0124 (sw65).

USAF GCCS Thule AB, Greenland: Hoyt K Stevens, Lead Operator Thule GCCS, c/o ITT/FELEC Services Inc., Unit 82501, APO AE 09704-5000, USA (mm35)

V/s BAS Faraday Base: VP8GAV/GM0GAV (mm35)

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V/s Izmail Radio UJ05: Victor Kalashnikov/RB5FQ (opened the QSL-fire) (fd40)

I N F O S

Deutsche Presse Agentur (dpa) has ceased all operations on longwave. dpa-Basisdienst, the general german newstelex service to all newspapers and broadcasting houses on 110.55 kHz was switched off on 1 April 1992. Also the pix-service (radiophotos) on 139.0 kHz has ceased its operations at the same date. Both services are now transmitted via the KOPERNIKUS telecommunications satellite, operated by the Deutsche Bundespost Telekom. The transmission channel is the upper satellite band on 25 GHz. For the time being no chance for hackers to crack the newsservice as there is no public equipment available for this high-band transmission (note: TV-satellites work in the 10/12 GHz band) (mm35).

B O O K S

After a longer absence here are some infos on new and helpful (?) books for the Utility-enthusiast. Should you have infos on new books don't hesitate to write a short review article and send it to me.

FLIGHT INTERNATIONAL, a UK-magazine for commercial aeronautics, has published in its March 1992 issue a complete list of passenger, cargo and charter airlines of the world. The "world Airline Directory" contains datas about history, fleet, management, destinations, shareholders and complete address with phone and fax of each of the 700 mentioned companies. the list names also those companies which ceased operation in the past couple of years (Pan-Am, Eastern, German wings etc.). a very good source for aerodexers! (Flight International, Number 4311 Volume 141, 25-31st March 1992, ISSN 0015-3710, Red business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England) (tnx to mm35)

CONFIDENTIAL FREQUENCY LIST, 8th edition: pcG writes that the list seems to be much improved - a good companion for the "ubiquitous" Klingelfuss-Guide. Has anyone more on that?

RADIO BEACON HANDBOOK, 3rd edition, 160 pages: This new edition of the Handbook contains listings of over 11500 (9000 in the 2nd ed.) actual long- and mediumwave beacons. This increased number is due to the fact that quite a lot of beacons have been taken into service, although there seems also to be a tendency to use modern navigation systems on VHF. The listings of the beacons is divided into geographical regions (Europe without USSR, USSR, Africa, Near- and Middle East, Asia, Pacific, Antarctica, North America, Central America and South America). The case of the USSR is a bit problematic, as the decay of the USSR happened to take place only a few weeks after deadline. But the listings are not affected by this, because coordinates indicate the regions/states, where the NDB is situated. Also the newest development within the field of maritime NDBs (introduction of DGPS - Differential Global Positioning System and therefore reduction of active maritime beacons as effective 1st April 1992) could not be taken into consideration. Altogether it can be said that despite of these two shortcomings the actuality of the entries is very high. The lists are made up in callsign order. The call is followed by freq, country, location, coordinates, nautical range and kind of user. The book is accompanied by a glossar and an introduction in German, English, French, Dutch and some illustrations. Jrgen Trochimczyk "Radio Beacon Handbook", Cologne 1991, DM 30,00. Wilhelm Herbst Verlag, PO Box 450506, D-W-5000 Cologne 41, FRG.

SEEFUNK AUF ALLEN MEEREN (Maritime Radio on all Seas), 2nd edition, 348 pages: This book, written entirely in German, can roughly be divided into three parts. The first part is a most informative introduction to maritime

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radio with articles about NAVTEX, Maritime Radio via satellite, calling procedures for users of maritime radiostations, a feature of Norddeich Radio a.s.o. The second part, which is the main part, contains a listing of virtually all maritime stations of the world, sorted into continents and within that in country order. The actuality of this book can be illustrated by the fact, that newly independent countries like Azerbaijan or Croatia are listed separately. Each station is featured with frequencies (MF, HF), call sign(s) and actual schedules for CW and SSB. Those skeds have also been included for those stations, which may not be known so well in the DX-world (try to listen to Tartous Oil Terminal Radio "YKI"). The listings are furthermore supplied by maps showing the cities with a radiostation. The third part of the book is made up by a freq-list of all stations on HF and MF (110 - 22852 kHz) with call and name. This is followed by a call sign list. At the end of the book the reader will find a glossar of used abbreviations, Q-code, ITU-abbreviations a.s.o. Altogether it can be said that this book is the most comprehensive and actual non-official publication on maritime radio existing. To my opinion it can also be used by readers who are not so familiar with German. Rainer Brannolte/Wolf Siebel "Seefunk auf allen Meeren", Meckenheim 1992, DM 29,80. Siebel-Verlag, Bonhoeffer Weg 16, D-W-5309 Meckenheim, FRG.

M E M B E R S

I would like to welcom two new members, "namely" OM MvA from the Netherlands (maNL) and one OM from Germany who would like to stay anonymous (xx00). Wish you a nice time with the NL!

Last item for this month is the following short notice by a longing one:

I quote: "I am a collector of used telephone cards from all over the world. Now I would like to ask you as a reader of the Utility Newsletter for your help. If you have any used phonecard please send it to me instead of throwing it away. Thank you. Of course I will pay for all your expenses". The address of the OM is: Ron Bot, Houdringe 159, NL-1025 BD Amsterdam, The Netherlands.

----- Comment by the editor: Normally we do not publish requests for other hobbies, but as telephone cards are within our scope (with a little bit of phantasy) I wanted to bring it to your attention. But please no requests for exchanging stamps, girl friends or worn-out clothes. Thank you! (ed.)

Since 4/92 I wait for payment by pb40, for 5/92 payment should be made by cw30, for 6/92 by nr75 and mdG. Fees have been received from maNL, xx00, rbNL, kjs, fmI and koCH. Tnx also for the donation!

For this edition thanks are due to the following: mm35, fd40, pcG, ht43, rbNL, dp41, ai41, sw65 and xx00.

Hi folks! Not many entries this month and your editor is in a hurry because of heavy working pressure. Seems not to be a good constellation for an interesting NL, but I think this is not the case:

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

290.5	2211	SB	South Bishop Lt.	G	id+dash cont.	rk50
303	2258	FV	Falsterborev Lt.	S	id+dash cont.	rk50
408	2134	BRK	Bruck	AUT	id	pcG
409	2129	SG	Saten,,s	S	id	pcG
412	2236	GDA	Granada	E	id	pcG
415	2146	RUS	Russe	BUL	id	pcG
416a	2149	AH	Unid	???	id	pcG

M A R I T I M E

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2182	2011		MV Polar Circle	IWA E wkg Niton	mdG
This is the new Antarctic Ice Patrol Ship for British Antarctic survey...					
4275	0456	HPP	Panam R.	PNR cw-vvv cq	xx00
6462	0642	FUM	F Ny Papeete	OCE cw-vvv	pcG
6464	2159	VIS3	Sydney R.	AUS cw-vvv	pcG
8474	0648	JYO	Aqaba R.	JOR cw-cq	pcG
8515	0658	5AT	Tripoli R.	LBY cw-vvv cq	pcG
8604	2045	DZJ	Bulacan R.	PHL cw-cq	pcG
12660	0553	LOK	ARG Ny Orcadas	ANT cw-TOR qsx info	xx00
12663	2132	CBV	Valparaiso R.	CHL cw-vvv	pcG
12671	0540	VFA/F	Inuvik/Iqaluit CGR.	CAN cw-cq (once)	xx00
12682.5	0721	PKP	Dumai R.	INS cw-cq	pcG
12682.5	0838	PKE	Amboina R.	INS cw-manual cq	pcG
12682.5	1004	PKF	Makassar R.	INS cw-cq	pcG
12709	2109	8PO	Barbados R.	BRB cw-de	pcG
12709	2158	FJP23	Noum,a R.	NCL cw-cq	pcG
12709.1	1655	8RB	Demerara R.	GUY cw-cq endless tape	xx00
12710	1533	VWB	Bombay R.	IND cw-manual cq	pcG
12711	2200	HCG	Guayaquil R.	EQA cw-vvv	pcG
12712	1958	HLW3	Seoul R.	KOR cw-cq	pcG
12729	1502	UFL	Vladivostok R.	RUS cw-cq qrm UVA	pcG
12775	2207	XFU	Vera Cruz R.	MEX cw-slow mrkr	pcG
12788	2211	JFA	Matsudo R.	J cw-cq	pcG
12800	0907	HSA3	Bangkok R.	THA cw-cq HSA3/HSA23	pcG
12821.4	2215	DZF	Bacoar R.	PHL cw-cq	pcG
12829.9	0615	XFM	Manzanillo R.	MEX cw-cq	xx00
12830	0644	XFM	Manzanillo R.	MEX cw-cq	pcG
12833.5	2148	DZP	Novaliches R.	PHL cw-cq	pcG
12867	0802	NWC	US Ny Northwest Cape	AUS cw-mrkr with NRV	pcG
12889	2055	DZK	Manila R.	J cw-cq	pcG
12917	0620	KLB	Seattle R.	USA cw-vvv	xx00
12955	2034	UFL	Vladivostok R.	RUS cw-wkg UZKX a.o.	pcG
12968.8	1709	SUH	Alexandria R.	EGY cw-cq	pcG
12980	1604	PKX2	Jakarta R.	INS cw-cq	pcG
12980	1822	UPB	Providenia Bukhta R.	RUS cw-de UPB & tfc	pcG
12988.5	1651	3BM5	Vacoas Meteo	MAU cw-wx for navigation	pcG
13010	0626	UQA4	Murmansk R.	RUS cw-4LS UQA4 QSX	xx00
13042	0713	P2M	Port Moresby R.	PNG cw-cq & nav.warnings	pcG
13046	1730	PZN	Paramaribo R.	SUR cw-//16956	xx00
13060	1427	UFJ	Rostov R.	RUS cw-cq & tfc	pcG
13065	1640		Unid	??? cw-de RKDF	xx00
13083	0636	J5M	Bissau R.	GNB private USB call	xx00
private call to Brazilian ship, id, then, into this, smashed Lisbon Radio					
13083	0636	CUL	Lisbon R.	POR	xx00
CUL operator added some fine Brazilian Samba music into the traffic between the ship and Bissau R. for the captain (xx00)					
13128	0644	D4A	Sao Vicente R.	CPV wkg, time check	xx00
16947	1525	6VA	Dakar R.	SEN cw-manual cq	pcG
16947.6	1620	8PO	Barbados R.	BRB cw-de	xx00
16964	1703	NMO	USCG Honolulu	HWI cw-cq	pcG
17170.4	1139	CNP	Casablanca R.	MRC cw-cq	pcG
17184.8	1205	PKE	Amboina R.	INS cw-manual cq	pcG
22472	1000	NMO	USCG Honolulu	HWI cw-cq	xx00

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

6647	0831	Watchdog 91	Fisheries Protection A/C	E wkg Maffbase	mdG
6647	1003	GXYS	MV Alderney	IWA E wkg watchdog 94	mdG
8879	1724		Nairobi Air	KEN E posn check	xx00
8879	1724		Saint Denis Air	REU E arrival info	xx00
8903	1734		Kinshasa Air	ZAI E landing instruction	xx00
10018	1740		Bombay Air	IND E wx	xx00
10066	1747		Calcutta Air	IND E wkg	xx00
10066	1748		Jakarta Air	INS E wkg	xx00
11215	1824		US Ny Keflavik	ISL E private phone call	xx00

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R A D I O T E L E T Y P I N G

8050	0834	WOO	Ocean Gate R.	USA wx, qth, qrgs	SIT-B	mdG
11133	1615	BZG	Xinhua Beijing	CHN F nx		50 xx00
12646	1700	TAH	Istanbul R.	TUR t.t.s. (?)	TOR-A	100 pcG
14786.1	0918	ATP65	MEA New Delhi	IND nx		50 mdG

What follows is the smallest QSL-Review ever, I think:

Q S L - R E V I E W

CHN-Xinhua Beijing	??	PPC/		BZR62	ai41
FAR-NDB Akkraberg Lt.	??	PPC,L,I/ f/up	381	"AB"	ai41
FAR-NDB Nolsí	??	PPC,L,I/ f/up	404	"NL"	ai41
G -NDB Alderney	27	PPC/RP via Guerns.	383	"ALD"	30nm rk50
G -NDB Beccles Heliport	12	PPC,L/RP	357	"BE"	10nm rk50
G -NDB Berry Head Lt.	54	PPC/RP via London	318	"BHD"	25nm rk50
G -NDB Bristol/Filton	33	PPC/RP	325	"OF"	25nm rk50
G -NDB Clacton	34	PPC/RP via Hounslow	295	"CLN"	30nm rk50
G -NDB East Midlands	22	PPC,I/RP	393	"EMW"	10nm rk50
G -NDB Jersey/West	19	PPC,I/RP	329	"JW"	25nm rk50
G -NDB Lerwick/Tingwall	14	PPC,I/RP,VC	376	"TL"	25nm rk50
G -NDB Machrihanish	21	PPC,L/RP via Shanw.	380	"MAC"	40nm rk50
G -NDB Manchester-Barton	43	PPC/RP	325	"BAE"	10nm rk50
G -NDB Oxford	62	PPC,L/RP	403.5	"OX"	15nm rk50
G -NDB Scatsta	24	PPC/RP,VC	315.5	"SS"	40w rk50
G -NDB Unst	33	PPC/RP,VC	325	"UT"	25nm rk50
G -NDB Westcott	34	PPC/RP via Hounslow	335	"WCO"	30nm rk50
LAT-Riga R.	62	n/d L/VC,IRC	8432	UDH	zeTC
MTN-SNIM Zouerate	??	PPC,VC/ direct		5TQ7	ai41
S -NDB "mlands Norra Udde Lt.	36	PPC,Fo/RP v.Malm"	298.8	"NO"	70nm rk50
S -NDB "mlands S"dra Grund Lt.	36	PPC,Fo/RP v.Malm"	298.8	"MG"	70nm rk50
S -NDB Stora Karls" Lt.	36	PPC,Fo/RP v.Malm"	308	"KS"	40nm rk50
UKR-Mariupol R.	62	PPC/VC	16829	UBN	5kw zeTC
USA-MARS Virginia Beach	34	PPC/VC,RP	14441.5	NNN0ZTI	100w zeTC
VCT-Police HQ Kingstown	??	PPC,Foto/		J8P	ai41

A D D R E S S E S / V E R I E - S I G N E R S

NDB Unst "UT": The SATCO, Airwork Ltd., Unst Airport, Baltasound, Unst, Shetland ZE2 9DT, Scotland

NDB Scatsta "SS": R. Iles, Senior Telecom Engineer, Scatsta Airport, Brae, Shetland ZE2 9QP, Scotland

NDB Lerwick/Tingwall "TL": Loganair Ltd., Tingwall Airport, Gott, Shetland, Scotland

NDB Bristol/Filton "OF": Air Traffic Engineering, Manager ATE, British Aerospace Filton (FPC 16X 0850), Bristol BS99 7AR, UK

NDB Beccles "BE": British International Helicopters, Beccles Heliport, Beccles, Suffolk NR34 7XD, UK

NDB Oxford "OX": S. Watkins, SATCO, C.S.E. Aviation Ltd., Oxford Airport, Kidlington, Oxon. OX5 1RA, UK (rk50)

I N F O S

I got some very interesting stuff from our member fgI on SEPAC/INSPIRE research program 1992:

In the first months of 1991 in the LOWDOWN magazine (for longwave enthusiasts) appeared an item by Mike Mideke about NASA-Shuttle VLF mission in 1992, requesting earth monitors to contribute to the program. Me and many

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other european Radio Hams wrote to Mideke giving our consent to cooperate. After some months we were about 22 people (16 italians) in the european list of Mideke.

What is SEPAC and INSPIRE? SEPAC is Space Experiment with Particle Accelerators - it's an experiment of an electron beam modulated in the magnetosphere by an accelerator with no metallic antenna, but a virtual antenna mode by electron beam itself. The range of frequency used was very low, from 8.04 kHz down to 100 Hz. This kind of experiments were not made, yet - excluding the joint USA/USSR program called ACTIVE in 1989, but the results were rather meagre. NASA then asked on amateur radio nets to collaborate in the sense of receiving SEPAC signals transmitted over Japan, USA and New Zealand. The net was called INSPIRE (Interactive NASA Space Physics Ionosphere Experiments) and provided a wider coverage all over the world. This was to monitor, which kind of VLF phenomenon SEPAC could create. I was the european Fax contact and Dr. William Taylor (Chief Scientist for Space Station Freedom) of NASA, faxed me the news that I should relay in Europe for the other amateurs. Unfortunately after 2 operations (called F07) the accelerator broke down because of an electrical problem and SEPAC was over. Then NASA took the back-up aircraft to monitor at dawn on every latitude and longitude. In Italy the very bad weather didn't permit the work, anyway from the other side of Europe many hams recorded tapes and then shipped them to INSPIRE in the US to be verified by MCINTOSH. In the moment no sign of SEPAC signals are coming from 127 tapes out of 224. If someone likes some infos on more specific aspects on SEPAC, I can write more. Let me say something about the receiver. It is possible to listen to Natural Radio and SEPAC signals by a very simple receiver called WR-3 by Conversion Research, PO Box 535, Descanso, CA 91916, USA for \$56. It has the size of a cigarette box and a whip antenna of 60cm, aluminium case, 9 volt battery. Stereo headphones (not included) are very important for good reception. Also an output for a recorder is very important for the mentioned kind of work. Essential too is a very silent site away from power lines and electrical noise of a town for receiving and recording. (Tnx very much Flavio! Should there be an interest write to me and I'll send the stuff to Flavio- ed).

ai41 asks for a central MARS address for Navy and Army to find out the QTH of unid MARS stations.

ai41 looks also for an address of ship "South Bound 2" with c/s WAD4219 or WAV4219. Seems to be a yacht, which has daily/nightly skeds with other yachts like "Ligheast 2" and "Royal Eagle 2". South Bound 2 seems to be the masterstation and gives weather infos for the Caribbean and the Pacific on 12353 kHz. Any info on that?

B O O K S

This is all for the moment. Sorry for hastily running through this number of the NL. Sincere thanks go to ai41, mdG (fee received ok, thanks), fgI, fd40 (alias fd24 - danke fr die Karte von den CNR!), zeTC, pcG (thanks for the stamps, much appreciated your help!) and last, but not least xx00. where have the others gone? See you!!!!

Welcome to the last summer edition of this year. It seems that the "summer hole" was affecting only the last edition:

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

292	1900	SN	Cabo San Sebastian Lt.	E	3id+dash	mmE
292	1902	OR	Pta. de Llobregat Lt.	E	3id+dash	mmE
300.5	0630	LW	Cologne/Bonn		D id	xx00
307	0634	DIK	Diekirch		LUX id	xx00
311	0635	LMA	Lima (Dsseldorf)		D id	xx00
316	0636	PH	Eindhoven		HOL id	xx00
319	1840	BGR	Bagur		E id	mmE

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323	0638	LI	Dsseldorf	D	id	xx00
328	0640	LV	Cologne/Bonn	D	id	xx00
338	1842	QA	Barcelona	E	id	mmE
355	1845	AA	Barcelona	E	id	mmE
365	0641	LJ	Cologne/Bonn	D	id	xx00
367	1846	SBD	Sabadell	E	id	mmE
380	1847	VNV	Villanueva	E	id	mmE
383a	2055	MT	Unid	?	id	js33
384	1850	ADX	Andraitx/Mallorca	E	id	mmE
394	1851	IBZ	Ibiza	E	id	mmE
404	1854	LRD	Llerida	E	id	mmE
406.5	0620	BOT	Bottrop	D	id	xx00
417	0625	HDL	Heidelberg	D	id	xx00
424	1852	RES	Reus	E	id	mmE

M A R I T I M E

2182	1751	3EQJ8	Sonat Arcade Frontier	IWA	E wkg Stony	js33
2182	1816	FUDC	MV Notre Dame de Salut	IWA	F wkg Breast R.	js33
2182	1818		MV Black watch	IWA	E wkg Sb Castor	js33
2652	2003	IGJ41	I Ny Augusta	I	cw-vvv	xx00
2726	1935	SPC	Gdynia R.	POL	POL/E wx warnings	xx00
2771	1935	YUR	Rijeka R.	HRB	CRO/E	xx00

1st wx, warnings, forecasts in CRO & E; 2nd position of US Navy units in Adriatic waters (in E), 3rd continuously interspersed anti-serbian statements

3210	2002	UNM2	Klaipeda R.	LTU	cw-cq	zeTC
4227	2026	IGJ42	I Ny Augusta	I	cw-vvv cq	xx00
4253.5	2033	HZG	Dammam R.	ARS	cw-cq	xx00
4279	1956	OLX	PTT Prague (?)	TCH	cw-vvv	zeTC
4405	1947		Bar R.	HRB	CRO wkg	zeTC
6393.5	2042	VHI	AUS Ny Darwin	AUS	cw-vvv	pcG
6400	2104	UMV	Murmansk R.	RUS	cw-cq	pcG
6405	2102	UAH	Tallin R.	EST	cw-cq	pcG
8442.3	1820		Unid - tent. TAH	???	cw-msgs in TURKISH	xx00
8451	0552	5AB	Benghazi R.	LBY	cw-vvv cq	pcG
8469	2144	D4A	Sao Vicente R.	CPV	cw-cq	pcG
8511	2033	XSW2	Taichung R.	TWN	cw-cq	pcG
8512.8	1849	VHI	R AUS Ny Darwin	AUS	cw-cq	xx00
8539	1853	VPS35	Hongkong R.	HKG	cw-cq	xx00
8566	1900	ZSJ4	AFS Ny Cape Town	AFS	cw-cq	xx00
8568.5	0626	XFM	Manzanillo R.	MEX	cw-marker	pcG
8577	2059	HLO	Seoul R.	KOR	cw-cq	pcG
8604.2	1910	ZRH44	AFS Ny Cape Town	AFS	cw-cq	xx00
8609.5	1914	9VG73	Singapore R.	SNG	cw-vvv cq	xx00
8625	0659	FUM	F Ny Papeete	OCE	cw-vvv	pcG
8646	0752	FUJ	F Ny Noum,a	NCL	cw-vvv	pcG
8689.8	0604	XFS2	Ciudad Madero R.	MEX	cw-cq	pcG
8690	0639	3DP3	Suva R.	FJI	cw-cq	pcG
8690	2047	JFX	Kagoshima R.	J	cw-manual cqs	pcG
8691	1928	XST	Qingdao R.	CHN	cw-cq	xx00
8691	1949	XST	Qingdao R.	CHN	cw-cq	pcG
8722	2034	BVA	Taipei R.	TWN	CH vm-m	zeTC
12729	1700	UFL	Vladivostok R.	RUS	cw-nav warning	pcG
12800	1502	HSA3	Bangkok R.	THA	cw-cq	pcG
12955	1613	UFL	Vladivostok R.	RUS	cw-cq	pcG
12965	0812	UJO	Izmail R.	UKR	cw-de	pcG
12967	0811	UJE	RUS Ny Moscow	RUS	cw-wkg	pcG
13033.5	1217	WCC	Chatham R.	USA	cw-cq	xx00
13042	1530	RCV	RUS Ny Bliava	RUS	cw-wx & qtc list	pcG
16363	0712	VNAA	MV Aurora of Scarlet	IWA	E clg Sydney	js33
16363	1115	9GYS	MV Volta River	IWA	E wkg Portishead	js33
16363	1121	GFPZ	MV Swift Trader	IWA	E wkg Portishead	js33
16363	1820	VKDA	HMAS Darwin	IWA	E clg Sydney	wk98
16947.4	1653	8PO	Barbados R.	BRB	cw-de	xx00
16957.7	0914	FUJ	F Ny Noum,a	NCL	cw-vvv	pcG
17034	1250	VWB	Bombay R.	IND	cw-cq	pcG

22497 1720 UQA4 Murmansk R. UTNL1992 RUS cw-4LS de UQA4 zeTC

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

6647	0835	GUYV	HMS Jersey	IWA	E	clg	GUZA	wk98
8879	1925		Perth Air	AUS	E	wkg	678	pcG
8879	2059		Seychelles Air	SEY	E	wkg	Zambia 080	pcG
8906	2335		Air Martinique 4062	IAI	E	wkg	New York	wk98
8906	2355		Minerve 636	IAI	E	wkg	New York	wk98
10078	0823	D-ABNM	Condor 2980	IAI	G	wkg	LH Frankfurt	wk98
10078	1011	C44Y	CAN Airforce	IAI	E	wkg	LH Frankfurt	wk98
13324	0718		Hapag Lloyd Hannover	IAI	G	wkg	D-AHLE	wk98
118.10	1240		Barcelona Tower	E	E	wkg	LH4732	mmAI
119.10	1235		Barcelona Radar	E	E	wkg	LH4732	mmAI
121.70	1250		Barcelona Apron	E	E	wkg	LH4732	mmAI
125.85	1220		Marseille ACC	F	E	wkg	LH4732	mmAI
132.05	1225		Barcelona ACC	E	E	wkg	LH4732	mmAI
133.15	1145		Geneva ACC	SUI	E	wkg	LH4732	mmAI
133.87	1530		Marseille ACC	F	E	wkg	LH4713	mmAI

F I X E D B A N D S

2500	2029	RCH	TS Tashkent	UZB	cw-vvv	cq & ts	zeTC
4925	1946	FDC	FAF Metz	F	cw-vvv		zeTC
5000	1759	VNG	TS Llandilo	AUS	E	OM id, YL time anns	zeTC
5000	1959	BPM	SAO Lintong	CHN	cw-id & CH id & ts		zeTC
5806.6	0521	ZKLF	Auckland Meteo	NZL	cw-wx	codes	xx00
7975	1713	SPW	Warsaw R.	POL	POL	wkg MS Land 4	zeTC
11607.6	1040	OVG	DNK Ny Frederikshavn	DNK	cw-vvv		xx00
19405	1620	FSB63	Interpol Paris	F	cw-sitor		zeTC

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

5911.3	1807		Unid	?	cont.idle	ARQ E	72	pcG
8499.7	2025	RBSL	IND Ny Bombay	IND	ry test		50	pcG
10917.7	2127	RFTJ	FF Dakar	SEN	contr.voie	ARQ E3	48	pcG
13848.5	0800	RFFXL	FF Beirut	LBN	msg	ARQ E	72	pcG
14444.9	cont		Unid	?	cont.meteo		50	pcG
14461.7	1703	RFTJF	FF Port Bouet	CTI	contr.voie	ARQ E3	48	pcG
14462.5	2042		Unid	?	cont.meteo		50	pcG
14484	2050	RFLI?	FF Fort de France (?)	MRT	contr.voie	ARQ E3	96	pcG
14626.7	2100	RFLI	FF Fort de France	MRT	contr voie	ARQ E3	192	pcG
14926.7	2130	RFTJ	FF Dakar	SEN	idle	ARQ E3	48	pcG
14964	2145	RFFXL	FF Beirut	LBN	contr.voie	ARQ E	72	pcG
16183	0900		Unid	?	cont.meteo		50	pcG
20822	0945	RFFXI	FF Bangui	CAF	idling	ARQ E	72	pcG
23120	1000		I Emb Lagos	NIG	diplo msgs	ARQ E	96	pcG

No abbreviations this time.

Q S L - R E V I E W

BHR-Bahrain R.	37	C/VC	22399	A9M	zeTC
D -NDB Brnkendorf	23	PPC/Fo,RP	378	"BKD"	fd24
D -NDB Friedland	8	PPC/VC,RP via Hamb	292	"FDL"	fd24
D -NDB Fuhlsbttel	8	PPC/VC,RP via Hamb	350.5	"FU"	fd40
D -NDB Hohn	16	PPC/Fo,RP	344	"HN"	50w fd24
D -NDB Lbeck	10	PPC/Fo,RP	394	"LYE"	15nm fd24
D -NDB Nordholz	34	PPC,L/Fo,RP	327	"NDO"	100w fd40
DNK-NDB Billund	16	L,S,VC/VC,1\$	395	"GE"	10w fd24
DNK-NDB Maribo	15	PPC,I/Fo,1\$	366	"MB"	fd24
DNK-NDB Tirstrup	21	PPC,L/Fo,1\$ back	324	"ML"	15w fd24
DNK-RCC Karup	180	PPC/SASE	5680		750w js33
E -Cabo la Nao R.	27	PPC/VC,RP via Mad	2182	EAV	1kw fd40

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E -NDB Andraitx	95	PPC/VC,RP via Mad	384	"ADX"	60w	fd40
E -NDB Calles	95	PPC/VC,RP via Mad	302	"CLS"	300w	fd40
E -NDB Coxtis	95	PPC/VC,RP via Mad	344	"CST"	65w	fd40
E -NDB Gerona	95	PPC/VC,RP via Mad	412	"GRN"	250w	fd40
E -NDB Lerida	95	PPC/VC,RP via Mad	404	"LRD"	250w	fd40
E -NDB Porto Colom	95	PPC/VC,RP via Mad	401	"PTC"	60w	fd40
E -Tarifa R.	27	PPC/VC,RP via Mad	2182	EAC	1kw	fd40
ETH-Asmara Air	156	L,PPC/1\$	11300		1kw	mm35
F -NDB Lyon/Bron	54	PPC,I,L/Fo,RP	388	"BR"	25w	fd40
F -NDB Marseille	38	PPC,Fo,Map/Fo,RP	383	"MAR"	25w	fd40
F -NDB Orleans/Bricy	83	PPC,L/Fo,RP	385	"OAN"		fd40
FAR-NDB Mykines	525	PPC,L/Fo,1\$	337	"MY"		fd40
FNL-NDB Pakka	15	PPC/VC,1\$ via Hels	368	"PAK"		fd24
G -Heli Seaking Culdrose	22	PPC,L,S/-	5680	"CU67"		js33
HOL-NDB Schipol	34	PPC/VC,RP via Ams	395	"OA"	50w	fd40
HOL-NDB Thorn	34	PPC/VC,RP via Ams	514	"THN"	50w	fd40
HOL-NDB Veenhuizen/Groningen	34	PPC/VC,RP via Ams	357	"VZ"	50w	fd40
I -NDB Alghero	21	PPC/SASE	382	"ALG"	150w	js33
I -NDB Camogli	54	PPC,L,1kgI/Fo,RP	389	"CMO"	75w	fd40
I -NDB Novara	24	PPC/Fo,RP	292	"NOV"	100w	fd40
IAI-Heli Rescue 117	115	PPC,L,Fo/IRC,VC	5680	G-BDOC	350w	wk98
IAI-Japan Airlines 623	38	PPC,I,6S/IRC,VC	8891			wk98
IAI-Lauda Air 879	70	PPC,L,I,13S!/IRC	23285	OE-ILG	400w	wk98
IWA-G Ny Minesweeper wolfsburg	62	PPC/SASE	5680	DREE	100w	js33
IWA-HMS Frigate Amazon	31	PPC,L,Fo,I/RP	16363	GNID		js33
IWA-HMS Hecla	37	PPC,L,Fo/SASE	16363	GPBA	500w	js33
IWA-MV Cam Defender	122	PPC,L/SASE	2182	GJQV	800w	js33
IWA-MV Cottbus	110	L,PPC/Fo,RP	8297	Y5BC	800w	fd40
IWA-MV Erfurt	31	PPC,L/Fo,RP	8297	Y5BA	1kw	fd40
IWA-MV FPV Chebucto	98	PPC,L,Fo,VC,I/RP	2182	CGDM		js33
IWA-MV Liebenwalde	85	PPC,L/Fo,RP	8297	Y5LG	500w	fd40
IWA-MV Luckenwalde	111	PPC/Fo,RP	8297	Y5LD	800w	fd24
IWA-MV Maxhtte	90	PPC,L,Fo's/Fo,RP	8297	Y5EA		fd40
IWA-MV Oil Charger	41	PPC,L,I/-	16363	HP4761		js33
IWA-MV OSA Vanguard	64	L,Fo/-	2182	ELOS2		js33
IWA-MV Rabenau	43	PPC,L/Fo,RP	8297	Y5RB	1.5kw	fd40
IWA-MV Radebeul	81	PPC,L/Fo,RP	8297	Y5BK	1.2kw	fd40
IWA-MV Rockwater 1	91	PPC/VP	2182	C6BM4	1.5kw	js33
IWA-MV werbellinsee	43	PPC,L/Fo,RP	8297	Y5LO	1kw	fd40
IWA-Platform K15-FA-1	36	PPC,L,I,Fo/-	2182	PFGF	400w	js33
IWA-Rig Sonat Arcade Frontier	14	PPC/SASE	2182	3EQJ8	250w	js33
MAU-Bigara Meteo	17	PPC/IRC	12988.5	3BM5		pcG
POL-NDB Darlowo	18	PPC/VC,1\$	409	"DAR"	50w	fd24
RUS-Novorossiysk R.	44	L,PPC/IRC back	17141	UFN		pcG
RUS-Novorossiysk R.	109	PPC,S,C/1\$	4245	UFN	5kw	mm35
S -NDB Zngelholm	16	PPC,S/Fo,1\$	416	"AH"		fd24
S -NDB Halmstad	74	PPC/Fo,1\$	336	"LT"	100w	fd40
S -NDB Malm"/Sturup	16	PPC,S/Fo,1\$ back	351	"NS"	50w	fd24
S -NDB Rinneby	20	PPC,S/Fo,1\$	380	"LP"	100w	fd40
S -NDB Sundsvall	24	PPC/Fo,1\$	378	"OS"	100w	fd24
S -S Ny Berga	29	PPC,L,S/-	5680		250w	js33
TCH-NDB Kosice	107	PPC,L/VC,50 Crowns	425	"KE"	300w	fd40
TCH-NDB Prague	107	PPC,L/VC,50 Crowns	438	"OKL"	60w	fd40
TCH-NDB Roudnice	107	PPC,L/VC,50 Crowns	394	"RCE"	100w	fd40
USA-MARS Alexandria	31	C,I/Fo,1\$	14441.5	NNN0NCG		fd40
USA-MARS Fort Lauderdale	29	PPC,Ham-C,L,I/\$	14477	NNN0XPQ	800w	fd40
USA-MARS Mayport,FL	29	PPC/Fo,1\$	14441.5	NNN0NIK		fd40
USA-MARS Virginia Beach	30	PPC,VC/Fo,1\$	14441.5	NNN0ZTI	600w	fd40
YEM-Aden R.	128	C,L/Fo,1\$	13060.5	70A	1kw	fd40

ADDRESSES / VERIE - SIGNERS

Platform K15-FA-1: Fu. van de Plas, Jolstraat 53, NL-Den Helder, The Netherlands (js33)
 Royal Swedish Navy Berga: F"rsvarsmakten, Berga rlogsskolor, S-130 61 Hirsfj,rden, Sweden (js33)
 Novorossiysk Radio: Novorossiysk shipping Company (Morflot), 1, ul. Svobody,
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353900 Novorossiysk, Russia, v/s Vyacheslav Ostanin, Deputy Manager Coast Radio Station (mm35)
NDB Nordholz "NDO": Marinefliegergeschwader 3 "Graf Zeppelin", Fliegende Gruppe, Flugbetriebsstaffel, SATCO, D-W-2859 Nordholz, Germany
NDB Brnkendorf "BKD": Detlef Bornemann, Ernst-K"hring-Str.9a, D-W-3130 Lchow, Germany
NDB Orl,ans/Bricy "OAN": CLC DUSNASI, STB, F-45037 Orl,ans CEDEX, France (last three by fd40)

I N F O S

Reports to Asmara Air should not be send to "Ethiopia", but to "Eritrea" (mm35)
The ITU has edited new country abbreviations for the newly independent states in Eastern Europe:

ARM = Armenia	AZE = Azerbaidjan	EST = Estonia
GEO = Georgia	HRB = Croatia	KAZ = Kazachstan
KGZ = Kirgisia	LVA = Latvia	LTU = Lithuania
MDO = Moldova	RUS = Russia	SVN = Slovenia
TJA = Tadjikistan	TKM = Turkmenistan	UZB = Usbekistan

Anyone who wishes Aero infos from Spain can contact OM mm35, who brought literature and aerocharts with him from Barcelona.

Some serious address failures brought to you by Mssrs fd40 & js33:
USCGC Point Glass was returned from PO Box 798, Gig Harbour (js33)
NDB Voghera via Teleposto Pontecurone
Kuala Lumpur Air via Director General Civil Aviation in the Jalan Raja Chulan
Chipiona R./Tarifa R. in the Duque de Tetuan, Cadiz
NDB Bologna via Aeronautica Militare, Aerporto Bologna (all by fd40)
all returned because of invalid address (can anyone help?)

Attn ai41: rmCAN has infos on the South Bound II, call is VA4219. The chap has two addresses in Canada and the Bermudas. When you hear him transmitting weather on 12353 that is from his Bermuda qth. He also works ham bands:
Herb Hilgenberg VP9LM, Secret Garden, 138 Harbour Road, Paget PG 05, Bermuda
Herb Hilgenberg, 5468 Hixon Ave, Burlington, Ontario (tnx Rick!)

Last issue I forgot to mention that the review of the CFL was from OM pcG. Sry.

OM ps50 recently came back from a Pacific tour. He visited the Cook Islands for 1 week and brought with him some very interesting stuff. Here it is:
PTT Cook Islands uses following frequencies:

5175 These frequencies are used by the islands of the southern group.
9368 Also Rarotonga can be found here. Tfc is simplex

14445 ZKY (Penrhyn), ZKL (Palmerston), ZKR (Rarotonga?) and ZKC (qth?)
14900 ZKS (Rarotonga), ZKI (Manihiki)
Both of the 14 MHz freq. are used by the northern group

The island stations have 100 watt SSB transmitters, the base station Rarotonga uses 500 watt SSB transmitters. 1991 they started to erect six satellite stations on different islands, 1993 they will be ready, but after that they will still have SSB stations on Palmerston, Nassau and Rakahanga. ps50 also had a talk with Mr. Davis, Chief of PTT Rarotonga regarding QSL policy. Mr. Davis stated that qslling is not the main task of the station, but he agreed to fill in the PPC of ps50's Utility playmates. ps50 proposes the following: Anyone who is in need of a PTT Cook qsl send your report to ps50 (via my address with PPC, SAE and sufficient return postage). Those who want to give it a try independently can obtain Cook Island stamps from Peter. (Tnx to Peter for these infos and also for the skeds of wellington and associated stations!)

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Finally thanks to those who supplied the NL with their money: nr75, rmCAN, pcG, pb40, cw34 and mdG.
Welcome to our new member ws23 and welcome back to cb from Sweden after a longer absence.

That's it. Thanks are due to the OMs fd40 (fd24 in Northern Germany), ps50, pcG, js33, zeTC, mm35 (mmE in Barcelona, mmAI on board of Lufthansa Flight LH4732/4713 with scanner), wk98 and xx00.

Hope to see you all in September. Have a nice and peaceful summer!!

Hi folks. Just returned from the Shetlands, where I had three wonderful weeks. I did some NDB DX there with my ICOM and longwires and I will present the results next issue.

NON DIRECTIONAL BEACONS

286	0010	TR	Tuskar Rock Lt.	IRL	id+dash	nr75
287.5	2114	FR	Faerder Lt.	NOR	id+dash	nr75
289.5	0122	LO	Landsort Lt.	S	id+dash	nr75
294	2125	KU		???	id+dash	nr75
299	2027	BN	Les Baleines Lt.	F	id+dash	nrE
301.5	0129	OB	Hoburgen Lt.	S	id+dash	nr75
302	0035	CLS	Calles	E	id	nrE
302.5	0130	FB	Flamborough Lt.	G	id+dash	nr75
303	0018	FV	Falsterborev Lt.	S	id+dash	nr75
303	2302	YE	Ile de Yeu Lt.	F	id+dash	nrE
308	0054	RC	Cabo Roca Lt.	POR	id+dash	nrE
308	2049	VT	Vitoria	E	id	nrE
312.6	0148	WW	Ventspils Lt.	LVA	id+dash	nr75
312.6	0149	AK	Akmenrags Lt.	LVA	id+dash	nr75
312.6	0150	LB	Liepaja Lt.	LVA	id+dash	nr75
312.6	0151	KA	Klaipeda Lt.	LTU	id+dash	nr75
312.6	0152	BT	Mys Taran Lt.	RUS	id+dash	nr75
312.6	0153	BK	Baltijsk Lt.	RUS	id+dash	nr75
313.5	0027	MG	™lands S™dra Grund Lt.	S	id+dash	nr75
316.5	0050	STK	Stadskanaal	HOL	id	nr75
322.5	0901	RL	La Rochelle	F	id+dash	nrE
324	0007	ON	Norrk™ping	S	id	nr75
328	0035	ORG	Orange	F	id+dash	nr75
341	2246	BZ	Biarritz	F	id+dash	nrE
345	2030	VTA	Vitoria	E	id	nrE
347	2015	EM		???	id	nr75
349	0028	OPE	Bucharest/Otopeni	ROU	id	nr75
350	2345	SMA	Somosierra	E	id	nrE
354	1058	PP	Pamplona	E	id	nrE
358	2310	BRS		???	id+dash	not Beziers nrE
361	1100	MUT	Muret/L'Herm	F	id+dash	nrE
362	2347	CJN	Castej™n	E	id	nrE
363.5	2345	LXI	Luxeuil	F	id+dash	nr75
366	0040	KM	Kalmar	S	id	nr75
370	2350	BLO	Bilbao	E	id	nrE
374	0200	NW	Maastricht	HOL	id	nr75
375	0036	NDG	N™rdlingen	D	id	zeTC
375	0045	TR	Tor	IWA	id	nr75
382	2316	CAA	Cazaux	F	id+dash	nrE
386	0035	IM		???	id	nr75
390	2030	AVI	Aviano	I	id+dash	nr75
390	2330	VAL	Valjevo	YUG	id+dash	nr75
392	0054	DVN	Split	HRB	id+dash	nr75
395	0037	BR	Budapest	HNG	id	nr75
395	2045	B	Bilbao	E	id	nrE
395	2315	MEL	Metlika	SVN	id+dash	new format nr75
397	0020	EG	Grenoble	F	id+dash	nr75
397	0227	EHN	Eindhoven	HOL	id	nr75
403.5	0041	HLI	Hehlingen	D	id	zeTC
411	0049	PP		???	id	nr75

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413	0048	KTI	Kuhtai	AUT	id	zeTC
414a	0910	MG		???	id+dash	nrE
415	2015	POZ		???	id+dash	nr75
417	0115	AH		???	id	nr75
418	2030	ORA	Oradea	ROU	id	nr75
420	2046	LMT	Auch/Lamothe	F	id+dash	nrE
423	2153	FOR	Forli	I	id	hb32
424	0228	RES	R,us	E	id	nr75
426	0052	GBG	Gleichenberg	AUT	id	zeTC
432	0013	LOS	Losinj	HRB	id+dash	zeTC
433	0100	SC		???	id+dash	nr75
435	0028	SK		???	id	nr75
440	0108	TRG	Targovishte	BUL	id	zeTC
440	2047	TRG	Targovishte	BUL	id	nr75
440	2358	DRE	Drezdenko	POL	id	zeTC
441	0104	FDA	Fulda	D	id	zeTC
444	0016	TMN	Gora	POL	id	zeTC
450	0008	LHR	Lahr	D	id	zeTC
450	0018	NZ	Myatyalyay	LTU	id+dash	zeTC
453	0019	CN	Piestany	TCH	id	zeTC
453	0100	CN	Piestany	TCH	id	nr75
463	2115	BL		???	id	nr75
464	0010	BL		???	id	nr75
470a	0020	PRD		???	id+dash	nrE
473	0024	FHA	Friedrichshafen	D	id+dash	zeTC
475	2355	P		???	id	nr75
492	0023	TBV	Moravska Trebova	TCH	id	nr75
524	2321	UU	Vitebsk	BLR	id	zeTC
930	0016	SW	Vohma	EST	id	zeTC

M A R I T I M E

435	0002	OST	Oostende R.	BEL	cw-cq	zeTC
438	0000	9AR	Rijeka R.	HRB	cw-cq new call	zeTC
438	0102	UJB	Astrakhan R.	RUS	cw-cq	zeTC
438	0103	SPS	Witowo R.	POL	cw-cq	zeTC
447	0111	SPH	Gdynia R.	POL	cw-cq	zeTC
1614	2238	GKR1	Wick R.	G	cw-sitor	zeTC
1616	2241	GCC1	Cullercoats R.	G	cw-sitor	zeTC
1650	1955	GUD	Jersey R.	G	E wkg	zeTC
2182	1913	FZPX	Unid (any info?)	IWA	E clg wick	hb32
2182	2015		HMS Leeds Castle	IWA	E clg wick	hb32
2182	2127		MS Garibaldi	IWA	I clg Civita	hb32
2182	2251		Clyde CGR.	G	E wkg ESSO Aberdeen	nr75
4286	2031	VHP2	R AUS Ny Canberra	AUS	cw-id	pcG
4314	2042	LZW	Varna R.	BUL	cw-de	pcG
4408	2339	VCS	Halifax CGR.	CAN	E wx	nr75
6335.8	2308	DZI	Bacoor R.	PHL	cw-wx	pcG
6339.8	0636	ZLO	R NZL Ny Irirangi	NZL	cw-de	pcG
8441.4	1827	7OA	Aden R.	YEM	cw-de	pcG
8442.4	2159	TCR	Istanbul R.	TUR	cw-cq	pcG
8449.3	2313	8PO	Bridgetown R.	BRB	cw-de	pcG
8511	1557	XSW2	Taichung R.	TWN	cw-cq	zeTC
8511	1922	XSW2	Taichung R.	TWN	cw-cq	pcG
8512.8	1924	VHI	R AUS Ny Darwin	AUS	cw-vvv	pcG
8521	1517	VIS26	Sydney R.	AUS	cw-vvv	zeTC
8574.9	0750	HKC	Buenaventura R.	CLM	cw-cq	pcG
8604.5	1905	DZJ	Bulacan R.	PHL	cw-cq	fd40
8632	2039	XSW	Kaohsiung R.	TWN	cw-cq	pcG
8636	2041	HLW	Seoul R.	KOR	cw-cq	pcG
8690	0510	3DP3	Suva R.	FJI	cw-cq	hb32
8690	0628	3DP3	Suva R.	FJI	cw-cq	pcG
8690	1914	JFX	Kagoshima R.	J	cw-cq	pcG
8690.6	1845	XST	Quingdao R.	CHN	cw-cq	fd40
8700	1127	9AR	Rijeka R.	HRB	cw-vvv new call	fd40
8705.4	1606	JOS	Nagasaki R.	J	cw-cq	zeTC
12662	1117	7TF8	Boufarik R.	ALG	cw-cq	zeTC

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12709	2106	8PO	Bridgetown R.	BRB	cw-de	fd40
12729	1600	UVA	Gelendzhik R.	RUS	cw-msgs & id	pcG
12743	2043	NRV	USCG Apra Harbor	GUM	cw-cq	fd40
12750	2132	CWA	Cerrito R.	URG	cw-cq	fd40
12787.8	2017	JFA	Chuo R.	J	cw-de	fd40
12800	1553	HSA3	Bangkok R.	THA	cw-cq	zeTC
12808.5	1603	VTG7	IND Ny Bombay	IND	cw-vvv	zeTC
12821.5	2152	DZF	Bacoor R.	PHL	cw-cq	fd40
12864	1613	XSW	Kaohsiung R.	TWN	cw-cq	zeTC
12889	0728	DZK	Bulacan R.	PHL	cw-cq	pcG
12907.5	1626	VHP	R AUS Ny Canberra	AUS	cw-vvv	fd40
12916.5	1957	HLW2	Seoul R.	KOR	cw-cq	fd40
12942	1316	RKLM	Archangelsk R.	RUS	cw-4LY de	pcG
12952.5	1622	VJ5	Sydney R.	AUS	cw-vvv	fd40
12965	1639	UJO	Izmail R.	UKR	cw-de	pcG
12980	1005	PKR6	Cilacap R.	INS	cw-cq	pcG
12982.5	0826	DZM	Bulacan R.	PHL	cw-cq	pcG
12994	1615	VIP04	Perth R.	AUS	cw-vvv	fd40
13008	1626	JOR	Nagasaki R.	J	cw-cq	zeTC
13009.9	0830	UQA4	Kiev R.	UKR	cw-4LS de	pcG
13024.5	0833	ASK	Karachi R.	PAK	cw-cq	pcG
13050	1631	UDK2	Murmansk R.	RUS	cw-4LS de	zeTC
16930	1427	UVA	Gelendzhik R.	RUS	cw-wkg ships	nr75
17189.6	1629	D3E71	Luanda R.	AGL	cw-cq	zeTC
22381	1302	9VG84	Singapore R.	SNG	cw-sitor	zeTC
22381.5	1304	CBV	Playa Ancha R.	CHL	cw-sitor	zeTC
22681.5	1227	PKX	Jakarta R.	INS	cw-de	fd40

A E R O N U T I C A L

5680	0038		Stockholm Rescue	S	clg Yankee ...	nr75
5680	1352	MKH		G	E clg Edinburgh	hb32
5680	1648		Glcksburg Rescue	D G	wkg DRNN	fd40
5680	1648	DRNN	Train.Vessel Langeoog	IWA	G wkg Glcksburg	fd40
8855	2305		Piarco Air	TRD	E wkg Piarco 710/740	fd40
8855	2316		Suriname 2432	IAI	E wkg Piarco	nr75
8861	1938		Dakar Air	SNG	F clg Conakry	pcG
8861	1939		Conakry Air	GUI	F wkg Dakar	pcG
8861	2024		Canarias Air	CNR	E clg Dakar	pcG
8861	2310		Abidjan Air	CTI	E wkg Springbok 262	fd40
8861	2325		Recife Air	B	E wkg LTU511	fd40
8896.5	2347		Lima Air	PRU	S wkg Trujillo	nr75
8896.5	2347		Trujillo Air	PRU	S wkg Lima	nr75
8903	2327		Zambia 002	IAI	E wkg N'Djamena	fd40
8909	0051		Bangalore Air	IND	E wkg Bombay	nr75
8918	2244		Barranquilla Air	CLM	E wkg Panam	nr75
8918	2320		M,rida Air	MEX	S wkg Panam	nr75
8918	2332		Boyeros Air	CUB	S wkg CUBANA	nr75
8930	1358		MALEV Budapest	HNG	wkg a/c	nr75
10024	2143		Mendoza Air	ARG	E wkg UN a/c	nr75
10066	1921		Dhaka Air	BGD	E wkg Yangon	fd40
11300	1946		Djibouti Air	DJI	E wkg Addis	fd40
11363	1255		Britannia Ops Luton	G	E clg a/c	hb32
11363	1443		Monarch Ops Luton	G	E clg Monarch 250	hb32

F I X E D B A N D S

9386	1920	FDC	FAF Metz	F	cw-vvv	fd40
13560	1833	BMB	Taipei Meteo	TWN	cw-wx & id	fd40
14441.5	2111	NNNOCMQ	MARS USCGC Alert	IWA	E wkg NONZW	fd40
14441.5	2123	NNNONAV	MARS Washington,DC	USA	E wkg NOCRB	fd40
14441.5	2138	NNNOWHT	MARS Springfield,MA	USA	E wkg NOCVN	fd40
14441.5	2140	NNNONIG	MARS Pensacola,FL	USA	E wkg NOPEB	fd40
14441.5	2146	NNNOMQU	MARS Quantico,VA	USA	E wkg NOCSB	fd40
14441.5	2204	NNNOSNW	MARS Unid	USA	E wkg NOCOD	fd40
14441.5	2213	NNNOTSD	MARS Fullerton,CA	USA	E wkg NOCZA	fd40

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14441.5	2222	NNN0HBA	MARS Unid	USA	E wkg	N0CZA		fd40
14441.5	2222	NNN0JMQ	MARS Unid	USA	E wkg	N0CAC		fd40
14441.5	2250	NNN0XEN	MARS Cheltenham, PA	USA	E wkg	Unid		fd40
14477	2134	NNN0BBF	MARS Unid (Ads.?)	USA	E wkg	N0NXK, N0CYM		fd40
18982	1156	P50		???	cw-vvv			fd40
19718	1449	UDK2	Murmansk R.	RUS	cw-4LS	de		pcG
24200.8	1205	FJ42	Unid	???	cw-vvv	cq		fd40

R A D I O T E L E T Y P I N G

4587.9	1400	GMVHF	LKA Bonn	D	qvl	msgs	ARQ E	72	pcG
4589	0800	NWVHF	LKA Bonn	D	qvl	msgs	ARQ E	96	pcG
4601.5	2000	"44"	Irish Navy ?	IRL	clg	OA	TOR A	100	pcG
5345	1813	RSW71	Archangelsk	RUS	cq			50	pcG
6736	1917	ETD3	Addis Air	ETH	aero	tfc		50	pcG
7614	1212	RFFED	FF Bordeaux ?	F	aero	tfc	ARQ E	72	pcG
7625	1928	HZN47	Jeddah Meteo	ARS	meteos			100	pcG
7653.7	0810	HBD63	SUI Emb London	G	id		TOR A	100	pcG
7655	0957	FIT35?	Rennes?	F	idling		ARQ E3	100	pcG
7683	1943	BJZ21	Wuhan Meteo	CHN	meteos			75	pcG
7687.7	1917	TUH	Abidjan Air	CTI	de	TUH test		50	pcG
7689.6	1720	TUH	Abidjan Air	CTI	ry			50	pcG
7715	2137	RCU71	Novosibirsk Meteo	RUS	meteos			50	pcG
8049	2110	9BC25	IRNA Teheran	IRN	E nx			50	pcG
8149	1854	PBB	HOL Ny Den Helder	HOL	marker			75	pcG
8433	2150	WOO	Ocean Gate R.	USA	qtc	list	TOR B	100	pcG
9797	0918	YOJ27	ROMPRESS	ROU	ry			50	fd40
9994	1933	CSY65	Santa Maria Air	AZR	aero	tfc		50	pcG
10495	1044	MKD	RAF Akrotiri	CYP	ry			50	fd40
12567.5	1159	LYGH	Unid	IWA	wkg	LYL (qth?)		50	pcG
12615	1958	UBN	Idanov R.	UKR	wkg	UIES	TOR A	100	pcG
12625.5	1000	UXN	Arkhangelsk R.	RUS	cw-cq		TOR A/B	100	pcG
12724.7	0000		Unid	???	meteo	fr Spain		50	pcG
13371	1849	5YD	Nairobi Air	KEN	ry			50	fd40
13896.5	1030		G Emb Madrid	E	msg	to Bonn	ARQ E	96	pcG
13970	2122		Unid	???	meteo	tfc		50	pcG
14370	1646	RCF	RUS Ny Moscow	RUS	cq			75	pcG
14508	2120	D4B	Sal Air	CPV	test			50	pcG
14634	1811	MTO	R Ny Rosyth	G	wkg			75	pcG
14754	1840	RFFXI	FF Banguì	CAF	wkg		ARQ E	72	pcG
14880	1338	JMG4	Tokyo Meteo	J	wx			50	fd40
16000	1313		MAP Rabat	MRC	E nx			50	fd40
16014.2	1816	RFQP	FF Djibouti ?	DJI	aero	msg	ARQ E3	100	pcG
16314	1514	VSG	Diplo Bucharest	ROU	nx		ROU FEC	164.5	pcG
16318.7	1620		MFA Cairo	EGY	msg		TOR A	100	pcG
16829	1625	UBN	Mariupol R.	UKR	wkg	UIWS	TOR A	100	pcG
16838.5	1055	9AR	Rijeka R.	HRB	id		TOR A	100	pcG
16870	2100	KMI	San Francisco R.	USA	stn	info	TOR A	100	pcG
17443	1205	BZG48	Xinhua Beijing	CHN	F nx			50	fd40
18178.5	1715	STK	Khartoum Air	SDN	SLA	circuit	tfc	50	pcG
18561	1201		IRNA	IRN	A nx			50	fd40
19216.7	2111	RFLI	FF Fort de France	MRT	msgs		ARQ E3	96	pcG
19723	1808	RKLM	Archangelsk R.	RUS	msgs			50	pcG
19747.5	1709		Dakar Meteo	SEN	wx			50	fd40
20085	1144	ISX20	ANSA Rome	I	F nx			50	fd40

Q S L - R E V I E W

AFS-AFS Ny Cape Town	53	C/IRC	4283	ZSJ2	30kw	pcG
ALG-NDB Cap Caxine Lt.	395	PPC/	313.5	"CX"		nr75
B -Porto Alegre Air	183	L/Fo, \$	8855			fd40
D -Glcksburg Rescue	3	PPC, I/VC, RP back	5680		20kw	fd40
D -Heli 8961 Borkum	4	PPC, I/RP	5680			hb32
DNK-NDB Karup	45	PPC/Fo, 1\$	369	"KA"	15w	fd40
DNK-NDB Odense	12	L, PPC, I/-	423	"FE"		hb32
E -NDB Andraitx	12	PPC/RP	384	"ADX"		hb32

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E	-NDB Barcelona	36	PPC/RP	338	"QA"		hb32
E	-NDB Cabo de Peñas Lt.	35	PPC/	301.1	"PS"		nr75
E	-NDB Cala Figuera Lt.	46	PPC/RP direct	298.8	"FI"		hb32
E	-NDB Costix	12	PPC/RP	351	"CST"		hb32
E	-NDB Gerona	23	PPC/RP	412	"GRN"		hb32
E	-NDB Palma	12	PPC/RP direct	307.5	"PA"		hb32
E	-NDB Pamplona	35	PPC/	354	"PP"		nr75
E	-NDB Sagunto/Valencia	14	PPC/RP	356	"SGO"		hb32
E	-NDB San Sebastian Lt.	22	PPC,L/RP direct	291.9	"SN"		hb32
E	-NDB Valencia	14	PPC/RP	340	"VLC"		hb32
E	-NDB Vitoria	35	PPC,I/	308	"VT"		nr75
E	-NDB Vitoria	35	PPC,I/	345	"VTA"		nr75
F	-Armee Ft.au Kremlin	169	PPC,L/RP back	3880	FAV22		hb32
F	-NDB Auch/Lamothe	28	PPC/	420	"LMT"		nr75
F	-NDB Ile de Yeu Lt.	7	PPC,VC/	303	"YE"		nr75
F	-NDB La Rochelle	7	PPC/	322.5	"RL"		nr75
F	-NDB Les Baleines Lt.	35	PPC,VC/	299	"BN"		nr75
F	-NDB Muret	28	PPC/	361	"MUT"		nr75
F	-NDB Orly	582	L,Fo,PPC/RP,Fo	402	"ORW"	25w	fd40
FJI	-Suva R.	31	PPC,L/RP	8690	3DP3	1kw	pcG
FNL	-NDB Kemi	85	PPC,Fo/\$,Fo dir	373	"KEM"	500w	fd40
G	-Clyde CGR.	70	L,PPC,I/	2226			nr75
G	-LDOC Britannia Luton	12	L,PPC,C/RP	11363			hb32
G	-Rescue Heli 165	8	PPC/RP	5680			hb32
G	-Rescue Heli Stornoway	8	PPC,I/RP	5680	GBIMU		hb32
HNG	-LDOC Malev Budapest	133	C,L/-	8930			hb32
HOL	-NDB Maastricht	7	PPC,L/	373	"NW"		nr75
HOL	-NDB Stadskanaal	7	PPC/	316.5	"STK"		nr75
HRB	-Rijeka R.	14	PPC/1\$	8700	YUR		hb32
INS	-Cilacap R.	30	L/- via Jakarta	12980	PKR6	0.4kw	pcG
INS	-Dumai R.	56	L/RP via Jakarta	12682.5	PKP		pcG
IWA	-HMS Ark Royal	23	PPC/RP	2182	GCDG		hb32
IWA	-MS K"lpinsee	134	PPC,L/Fo,RP	8297	Y5LM	700w	fd40
IWA	-MV Eichwalde	101	PPC,L/Fo,RP	8297	Y5LF	500w	fd40
IWA	-MV Multitank Adria	54	L,PPC/-	16528	T2CA		hb32
IWA	-MV Toisa Petrel	13	L/RP	2182	C6KA7		hb32
IWA	-NDB Tor E	58	PPC,L,Map/\$ back	375	"TR"	25w	fd40
IWA	-Training Vessel Langeoog	4	PPC,Fo/RP,Fo	5680	DRNN	20w	fd40
J	-Tokyo Meteo	50	L,Sked/RP	17029	JMC	2.5kw	pcG
JOR	-Aqaba R.	69	PPC,L/RP	8474	JYO	1kw	pcG
JOR	-Aqaba R.	79	L,I/VC	8474	JYO	1-2kw	zeTC
POL	-Slupsk R.	75	C,PPC/1\$	2182	SPG21		hb32
POR	-NDB Cabo de Roca Lt.	35	PPC/	308	"RC"		nr75
ROU	-NDB Galati	34	PPC/IRC via Buchar.	323	"GLT"		hb32
RUS	-Gelendzhik R.	58	PPC,Ham-C/IRC	12729	UVA	15kw	pcG
RUS	-Gelendzhik R.	77	PPC,Ham-C/IRC,VC	8455	UVA	5kw	zeTC
S	-NDB Corner	70	PPC/- dir	388	"COR"		nr75
S	-NDB Kullen	14	PPC/	344	"KUL"		nr75
S	-NDB Peola	103	PPC,L/Fo,1\$	398	"PEO"	100w	fd40
S	-NDB Saten,,s	21	PPC/ via Arlanda	409	"SG"		nr75
S	-NDB Vilhelmina	21	PPC/ via Arlanda	328	"VH"		nr75
TCH	-NDB Piestany	84	PPC/	453	"CN"		nr75
TCH	-NDB Poprad	84	PPC/	438	"PE"		nr75
THA	-Bangkok R.	98	C/	12800	HSA		nr75
TUN	-NDB Cap Blanc Lt.	180	PPC/RR dir, resp	c/a 310.3	"BC"		nr75
UKR	-Izmail R.	55	PPC,L,VC/IRC	12965	UJO	1kw	pcG
UKR	-Izmail R.	75	PPC,VC/IRC	8770	UJO	1kw	zeTC
UKR	-NDB Lvov	90	PPC,VC/	315	"GD"		nr75
UKR	-Odessa R.	35	PPC,L,Ham-C,VC/	6341	UFB		nr75
USA	-FEMA Berryville	86	C/RP f/up	10870	WGY912		hb32
USA	-MARS Fullerton,CA	16	PPC/Fo,1\$	14441.5	NNN0TSD	100w	fd40
USA	-MARS Silsbee,TX	14	PPC/Fo,1\$ back	14441.5	NNN0VPJ	100w	fd40
VEN	-Maiquetia Air	21	PPC,L,VC/	8918			nr75

The spanish NDBs by hb32 have been received on Mallorca.

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A D D R E S S E S / V E R I E - S I G N E R S

MARS Silsbee NNNONPJ: Francis H. Noble, 128 Queens Row, Silsbee, TX 77656-6946, USA
NDB Tor E "TR": V/s is LA40T via Philips
NDB Karup "KA": TERMA Elektronik AS, Service & install.afd., Hovmarken 4, DK-8520 Lystrup, Denmark
Glücksburg Rescue: SAR-Leitstelle Glücksburg, Flottenkommando, Postfach 1163, D-W-2392 Glücksburg-Meierwik, Germany
NDB Peola "PEO": V/s is now Egil Cederborg (fd40)

Aqaba Radio: JYO Receiving Station, PO Box 115, Aqaba, Jordan
Cilacap Radio: V/s Mrs.Sugiyatmi (stamp collector) via Jakarta (pcG)

Bangkok Radio: The Communications Authority of Thailand, Telecommunications Services Divison, Bangkok 10002, Thailand
NDB Pamplona: Ministerio de Obras Publicas y Transportes, Jefe Provincial de Aviación Civil, E-Pamplona
NDB Vitoria: Dirección General de Aviación Civil, Sección de Mantenimiento, Aeropuerto de Vitoria (nr75)

I N F O S

TASA Porto Alegre Air reported to be inactive now (fd40).

For pcG: Aden Radio, Yemen Telecommunications Corp., PO Box 1256, Tawahi, Aden, Yemen.....Taichung Maritime Coast Radiostation, 37 Shih Fu Road, Taichung City, Taiwan, ROC.....
Peter looks for the addresses of Murmansk R. (UMV), Kiev R. (UJQ) and Vladivostok R. (UFL). Any idea?

dp41 looks for the qth of HGX61 and 8BY. Does anyone know the address of AUS1MLB?

Michael Oexner advised me of his new address: Michael Oexner, Hainfelder Str. 1, D-W-6741 Roschbach, Tel.: 06323/980601. No telex, amtor, fax, SSB or satcom available yet!

IMPORTANT: MY ACCOUNT NUMBER AT THE KREISSPARKASSE KTMLN HAS CHANGED!!!!!!!!!!!!!!
It is now 1000131062, BLZ 37050299!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Thanks for this issue to the following guys: pcG, fd40, ai41, nr75, zeTC, hb32 and dp41. Just a few out of over 40! See you in October. Cheerio

Hi folks! Not much input this for this issue - so I took the chance to present excerpts from my Shetland logbook in greater detail. Due to heavy work load I had only one Sunday afternoon for preparing this NL - I hope there are not too many mistakes due to this reason:

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

240	2245	NW	Ndola	ZMB id	nrL2
258	0157	LU	Luanda	AGL id+dash	nrL1
285a	0045	PR	Ile du Pilier Lt. (?)	F id+dash	nr75
287.3	0516	HN	Hofnafj"rdhur Lt.	ISL id, no dash	rkG
288	1833	KL	Sklinna Lt.	NOR id+dash	rkG
291.5	0847	SU	South Rock Lv.	IRL id+dash	rkG
291.9	1736	RN	Reykjanes Lt.	ISL id+dash	rkG
292	2120	MR		??? id (no MAR beacon)	nr35
292	2332	MH	Mahçn Lt.	E id+dash	rkG
293	2333	SY	Svinoy Lt.	NOR id+dash	rkG
294.5	0852	PT	Souter Lt.	G id+dash	rkG

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296	0856	KN	Skrova Lt.	NOR	id+dash	rkG
298	2140	GX	Ile de Groix Lt.	F	id+dash	rkG
298.8	0754	DV	Djpvogur Lt.	ISL	id+dash	rkG
299.5	1756	SK	Skomvaer Lt.	NOR	id+dash	rkG
301.1	0512	RG	Raufarh"fn Lt.	ISL	id+dash	rkG
305	2255	FP	Fife Ness Lt.	G	id+dash	rkG
305.5	2252	AL	Ailly Lt.	F	id+dash	rkG
305.7	0506	DA	Dalatangi Lt.	ISL	id+dash	rkG
305.7	2149	L	Torre de Hercules	E	id+dash	rkG
306	2253	SE	Skagsudde Lt.	S	id+dash	rkG
306.5	2251	UT	Utsira Lt.	NOR	id+dash	rkG
308	0456	RC	Cabo das Rocas Lt.	POR	id+dash	rkG
310	2246	KUR	Kuopio (Kurki)	FNL	id	rkG
310.3	2242	VI	Cabo Villano Lt.	E	id+dash	rkG
310.3	2244	FI	Finisterre Lt.	E	id+dash	rkG
312.5	2213	WW	Ventspils Lt.	LVA	id+dash	rkG
313	1058	HA	Halten Lt.	NOR	id+dash	rkG
314	2227	VG	Ile Vierge Lt.	F	id+dash	rkG
315a	0050	OL		???	id	nr75
315a	0055	POZ	Pozarevac (?)	YUG	id+dash	nr75
316	0444	IN	Ingolsh"fdhi Lt.	ISL	id+dash	rkG
317	0407	STT	Bod" (Stott)	NOR	id	rkG
317a	2235	BAN	Bandundu (?)	ZAI	id	nrL2
318	2317	B	Pori	FNL	id	rkG
320	0409	IL	Bod" (Ilstad)	NOR	id	rkG
320a	2130	LOE		???	id	nrL1
323	0412	SMA	Santa Maria	AZR	id	rkG
323	1122	SBL	Sherburn-in-Elmet	G	id	rkG
325	0231	F	Feringe	S	id	rkG
325	2310	LE	Lusaka	ZMB	id	nrL2
327	0232	Y	Sveg	S	id	rkG
328	0421	HIG	San Sebastian	E	id	rkG
328	1255	CL	Carlisle	G	id	rkG
329	1100	FJ	Alesund (Fjortoft)	NOR	id	rkG
330	0235	LNA	Lena	S	id	rkG
330a	2054	HAE	Halle (?)	D	id	nr35
331	0236	TE	Thisted	DNK	id	rkG
331.5	0236	TLF	Toulouse	F	id+dash	rkG
332	2036	VA	Ylivieska	FNL	id	rkG
333	0237	LE	V,,steraas	S	id	rkG
336	1104	AQ	Aberdeen	G	id	rkG
336	1104	BTA	Bratta	NOR	id	rkG
336	2156	LNS		???	id	rkG
337	1924	MY	Mykines Lt.	FAR	id	rkG
339	0442	MV	Foerde (Movotn)	NOR	id	rkG
340	2125	O	Oulu	FNL	id	rkG
340	2258	KAI	Utti (Kaipi)	FNL	id	rkG
342	0022	LL	Fagernes/Leirin	NOR	id	rkG
345	2110	STM	Strommen	NOR	id	rkG
345	2200	SUS	Kauhava (Susi)	FNL	id+dash	rkG
346	2127	MI	Mikkeli	FNL	id	rkG
347.5	0807	TD	Tees-Side	G	id	rkG
348	1925	VG	Vagar	FAR	id	rkG
348	2105	SAD	Leknes/Sandsund	NOR	id	rkG
350	1403	LAA	Oulu	FNL	id	rkG
350	2145	PG	Chitato	AGL	id	nrL1
351	2325	SPM		???	id	nr75
352	2330	SUL		???	id (ex "TEST")	nr75
353	2209	SB	St.Brieuc	F	id+dash	rkG
355	0512	RK	Reykjavik	ISL	id	rkG
355	1132	DON	Donna	IWA	id	rkG
355	1234	VGA	Alesund (Vigra)	NOR	id	rkG
357	2209	SEP	Seppi	FNL	id	rkG
357	2214	WT		???	id	rkG
358	2150	CL	Luanda	AGL	id+dash	nrL1
358	2214	RNN	Roanne	F	id+dash	rkG
359.5	2220	CDN	Chateaudun	F	id+dash	rkG
360	0817	ULV	Ulvingen	NOR	id	rkG

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360	2356	OS	G"teborg/S,,ve	S id nr75
360a	0001	MNE		??? id nr75
361	2125	RO	Kauhava	FNL id rkG
361	2245	NS	Ndola	ZMB id nrL2
362	0057	NN	Eskilstuna	S id rkG
362	1312	BVK	Orsta/Volda	NOR id rkG
363.5	0059	RSK	Romskog	NOR id rkG
364	0517	OK	Keflavik	ISL id rkG
364	0749	DO	Dounreay	G id rkG
365	0830	EG	Egilsstadir	ISL id rkG
366	0751	UTH	Uthaug	NOR id rkG
366.5	0110	CAR	Carnane	G id rkG
366a	0135	BZ		F id+dash (not Biarritz)nr75
367.5	0111	CF	Clermont-Ferrand	F id+dash rkG
369	0755	STG	Sandane (Stegen)	NOR id rkG
369	2054	OS	Skelleftea	S id rkG
370	1816	KS	Kinloss	G id+dash rkG
370.5	0118	AP	Aberporth	G id rkG
371	0828	BRS	Bremsnes	NOR id rkG
372	0533	OZN	Prins Christian Sund	GRL id rkG
373	0042	FS	Dresden/Gompitz	D id nr75
373	0125	MP	Cherbourg	F id+dash rkG
374	0128	CBN	Cumbernauld	G id rkG
374	1821	GB	Foerde (Gaular)	NOR id rkG
375	2320	FR	Pori	FNL id rkG
378	2100	OS	Sundsvall	S id rkG
378	2119	PI	Poitiers/Biard	F id rkG
379	0011	REK	Reksten	NOR id nr75
379	2115	PHS		??? id rkG
381	1922	AB	Akraberg Lt.	FAR id rkG
382	2211	IJ	Ilmajoki	FNL id rkG
384	2238	HNS	Hoynes	NOR id rkG
385	0145	WL	Walney Island	G id rkG
386	0149	BZ	Brize Norton	G id rkG
386	2233	HK	Hestvik	NOR id rkG
387	0147	CML	Clonmel	IRL id rkG
387	0151	VDL	Vardal	NOR id rkG
387	2112	AV	Asturias	E id rkG
388	0150	PTH	Perth	G id rkG
389	0154	HN	Orsta-Volda/Hovden	NOR id rkG
395	0212	FOY	Foynes	IRL id rkG
395	0212	LAY	Islay	G id rkG
395	1918	KW	Kirkwall	G id rkG
396.5	0216	PY	Plymouth	G id rkG
397	0216	OP	Dublin	IRL id rkG
397	0219	LM	Borl"nge	S id rkG
397	0221	NF	Falk"ping	S id rkG
398	0220	AL	Alesund	NOR id rkG
400	0225	EN	"mrebro	S id rkG
400	2330	STU	Strumble	G id rkG
401.5	0226	HRN	Bournemouth	G id rkG
404	1921	NL	No"ls"	FAR id rkG
404	2326	VNG	Vangsnes	NOR id rkG
411.5	2304	AS	Angers	F id+dash rkG
412	2305	I	Halli	FNL id rkG
425	0103	KE	Kosice	TCH id nr75
425	0103	ORU		??? id nr75
432	2210	AKU	Ivalo	FNL id rkG

nr35 = nr75 in Goslar, Germany
nrL1 = nr75 in Luanda, Angola
nrL2 = nr75 in Luena, Angola
rkG = rk50 near walls, west Mainland, Shetland

M A R I T I M E

2182 1739 9AR Rijeka R. HRB E wkg MS Paladio fd40
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2182	1754		Arklow Lifeboat	IWA	E	clg	Milford Haven	fd40
2182	1804		Holyhead CGR.	G	E	wkg	Arklow Lb.	fd40
2182	1805	LNQZ	MS Seaway Harrier	IWA	E	wkg	Humber R.	fd40
2182	1808	GXBU	HMS Bulldog	IWA	E	wkg	Lands End	fd40
2182	1812		Rig Western Pacesetter	IWA	E	wkg	wick	fd40
2182	1814		Swansea CGR.	G	E	wkg	HMS Cumberland	fd40
2182	1836	SPE	Szczeczin R.	POL	anns	tfc	list	fd40
2182	1848	GGBA	MS Woodleigh	IWA	E	wkg	Humber R.	fd40
2182	1918	IQH	Napoli R.	I	I	wkg	Caspaccio	fd40
2182	1927	GFKX	MS Donvale II	IWA	E	wkg	wick R.	fd40
2182	1945		Milford Haven CGR.	G	E	wkg	unid Lifeboat	fd40
2182	2019	SKPQ	MS Safe Lancia	IWA	E	wkg	Stony	fd40
2182	2042	PDTY	MS Dutch Master	IWA	E	clg	ship	fd40
2182	2043		Courtmacsherry Lb.	IWA	E	wkg	Lofthaven (?)	fd40
2182	2043		Lofthaven CGR. (???)	G	E	wkg	Courtmacsherry Lb	fd40
2182	2050		Bar R.	HRB	E	anns	for wx	fd40
2182	2127	GIAN	MS Saint Louis	IWA	E	wkg	Stony	fd40
2361	2010		MS Marlen L.	IWA	E	wkg	Sven H.	fd40
2361	2014		MS Aladin	IWA	E	clg	Ali Baba	fd40
2361	2025		MS Sven H.	IWA	E	wkg	Meteor	fd40
4308.5	1945	HZY	Ras Tanura R.	ARS	cw-cq			pcG
4315	1939	URD	St. Petersburg R.	RUS	cw-msgs			pcG
4323	1929	VIP	Perth R.	AUS	cw-vvv			pcG
4350	1918	TBB5	TUR Ny Ankara	TUR	cw-vvv			pcG
8512.8	1345	VHI	R AUS Ny Darwin	AUS	cw-vvv			pcG
8542	1849	PKX	Jakarta R.	INS	cw-cq			pcG
8582.3	2154	XSN	Ningbo R.	TWN	cw-cq			pcG
8585	2005	UFL	Vladivostok R.	RUS	cw-vvv			pcG
8614	2143	URL	Sevastopol R.	UKR	cw-cq			pcG
8690	0528	3DP3	Suva R.	FJI	cw-cq			rb61
8700	1908	9AR	Rijeka R.	HRB	cw-vvv			rb61
12353	0001		Yacht Salamander 2	IWA	E	wkg	Lucky Dragon	fd40
12353	0003		Yacht Four Base	IWA	E	wkg	South Bound 2	fd40
12353	2008	WHW310		USA	E	wkg	WHW	fd40
12353	2026		Tallin R.	EST	wkg	unid	ship	fd40
12353	2028	WXZ232		USA	E	wkg	Marina,wx Miami	fd40
12353	2148	WTN406		USA	E	wkg	WYCZ	fd40
12353	2208	WTN406		USA	E	wkg	Jacksonville	fd40
12353	2306		Yacht Ocean Lady	IWA	E	wkg	(West of Cuba)	fd40
12353	2317	VA4219	Yacht South Bound 2	IWA	E	wx		fd40
12353	2324		Yacht Echo 1	IWA	E	wkg	(Yucat n)	fd40
12353	2327	VZWM1		IWA	E	wkg	(near Cuba)	fd40
12353	2342		Yacht Guardian	IWA	E	wkg	(near Bahamas)	fd40
12353	2343		Yacht Mistral	IWA	E	wkg	South Bound 2	fd40
12353	2347		Yacht Arca Portugal	IWA	E	wkg	South Bound 2	fd40
12353	2349		Yacht Southbound (not	2!)	E	wkg	(from Trinidad)	fd40
12353	2355		Yacht Blue David (?)	IWA	E	wkg	South Bound 2	fd40
12703	1000	LYK	Klaipeda R.	LTU	cw-cq	//17138,12815		pcG
12709	0930	9HD	Malta R.	MLT	cw-vvv			pcG
12729	0904	UFL	Vladivostok R.	RUS	cw-vvv	cq qrm UVA		pcG
12750	1343	VHI	R AUS Ny Darwin	AUS	cw-vvv			pcG
12752	1345	RIT	RUS Ny Moscow	RUS	cw-msgs	& id		pcG
12775	2234	XFU	Veracruz R.	MEX	cw-cq			fd40
12788	1400	JFA	Matsudo R.	J	cw-cq			pcG
12811.3	1355	HZY	Ras Tanurah R.	ARS	cw-cq			pcG
12833.5	2242	DZP	Novaliches R.	PHL	cw-cq			fd40
12889	0752	DZK	Bulacan R.	PHL	cw-cq			pcG
12942	0955	RKLM	Arkhangelsk R.	RUS	cw-de			pcG
12963	0455	HAR	Budapest R.	HNG	cw-vvv	cq		rb61
12971.3	1522	SUH4	Alexandria R.	EGY	cw-cq			pcG
12983	1747	VNG	AUS Ny TS Belconnen	AUS	cw-ts			rb61
13011	1703	AQP	PAK Ny Karacho	PAK	cw-vvv			rb61
13023	1659	D3E	Luanda R.	AGL	cw-cq			rb61
13024.5	1657	ASK	Karacho R.	PAK	cw-cq			rb61
13059	1627	EBA	E Ny Madrid	E	cw-navarea			rb61
13070	1320	UDH	Riga R.	LVA	cw-cq			pcG
13072.3	1611	UDK20	Murmansk R.	RUS	cw-wkg			rb61
16922	0817	UQA4	Kiev R.	UKR	cw-clg	4LS		pcG

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16932	0828	7TF10	Boufarik R.	ALG	cw-cq		pcG
16935	0832	A7D	Doha R.	QAT	cw-de		pcG
16940	0834	XSW	Kaohsiung R.	TWN	cw-cq		pcG
16950	1511	9MB6	MLA Ny Georgetown	MLA	cw-vvv		fd40
17013.5	1313	5BA	Cyprus R.	CYP	cw-cq		pcG

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

5680	0712	GAAP	HMS Cumberland	IWA	E wkg	Plymouth CGR.	fd40
6556	2108		Quantas Flight QF02	IAI	E wkg	Calcutta	pcG
"...my son on board - en route to Australia!" (pcG)							
8855	2215		Manaus Air	B	E wkg	051	fd40
8855	2300		Piarco Air	TRD	E wkg	Angola 7701	fd40
10024	0011		Bogot Air	CLM	S wkg	Guayaquil	fd40
10024	0023		Guayaquil Air	EQA	S wkg	Lima	fd40
10024	0027		Quito Air	EQA	S wkg	America 917	fd40
10024	2342		Lima Air	PRU	E wkg	a/c 6016	fd40
13327	1100		LDOC Iberia Madrid	E	S wkg	Iberia 6804	fd40
13333	1130		LDOC Speedbird	G	E wkg	Caledonian 435	fd40

F I X E D B A N D S

14441.5	2215	NNNOKQD	MARS Unid	USA	E wkg	N0CVZ	fd40
14477	2148	NNNONXK	MARS USS Iwo Jima	IWA	E wkg	N0ZTI	fd40

R A D I O T E L E T Y P I N G

8701	1910	LYK	Klaipeda R.	LIT	ry to ships		50	rb61
11540.5	1909	7OC	Aden Air	YEM	de 7OC		50	pcG
11541.7	1010	RFLI	FF Fort de France	MRT	msgs	ARQ E3	96	pcG
12741	0518	HWN	F Ny Paris	F	ry		75	
12897.5	1928	MTO	RNWS Rosyth	G	channel id		75	rb61
13054	1631	UJY	Kaliningrad R.	RUS	ry wkg		45	rb61
14654.5	1153	SPW	Warsaw R.	POL	msgs	TOR A	100	pcG
15835	1740		Berne R.	SUI	E nx		50	pcG
16829	1625	UBN	Mariupol R.	UKR	wkg UIWS	TOR A	100	pcG
16963	1251	UJY	Kaliningrad R.	RUS	ry & cq		50	pcG
23305.4	1420	RFQP	FF Jibouti	DJI	idling	ARQ 342	200	pcG
23697.7	1545	DFX69H6	PIAB Bonn	D	G nx	FEC100	96	pcG

Q S L - R E V I E W

SUI-Berne R.	35	C/RP	17530	pcG
USA-San Francisco R.	25	PPC,I,VC/-	16870	KMI pcG

PA
No addresses, no infos this time as no influx.

dp41 would like to know the qth of HGX61 and of "KTS" on 18173.1, 50 Baud at approx. 1500 UTC.

That's all for the moment, my thanks go to OMs pcG, js33, nr75, dp41 and fd40. Hope to see many more of you other guys next time.

Hi folks! Very few intakers this time (again only the faithful ones), nevertheless the logs are filled with good stuff. where are the other 35 members? or "wish you were here..."

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

Last issue I forgot to mention the most important NDB-log from Shetland:

UTNL1992

291.9 0132 NA Lantaila Lt. CNR id+dash rkg

Some comments by zeTC on 10/92: MR 292 is Zatec/TCH, OL a315 is Lyksele/S on 320, WT on 357 is Riga-Engure/LVA on 360 and PHS is Pyhasalmi/FNL on 380 kHz.

M A R I T I M E

2182	0605	CUL	Lisboa R.	POR	E/P clg all ships	mo67
2182	0803	IZN	Porto Torres R.	I	I all ships	mo67
2182	0805	3VT	Tunis R.	TUN	F all ships	mo67
2182	1622		Dover CGR.	G	E wkg Hastings Lb.	fd40
2182	1622		Hastings Lb.	IWA	E wkg Dover CGR.	fd40
2182	1706	3VT	Tunis R.	TUN	F appelle ... touts..	fd40
2182	1710		Walton Lb.	G	E wkg NF Radio	fd40
2182	1717		Ijmuiden Rescue	HOL	D wkg Joh. Frederik	fd40
2182	1719	GBTT	MV Queen Elizabeth 2	IWA	E wkg Stonehaven	fd40
2182	1721		Aviation whiskey Xray	IAI	F clg for radiocheck	fd40
2182	1729		Holyhead Lb.	IWA	E wkg Portpatrick	fd40
2182	1740		Liverpool CGR.	G	E wkg Ramsey Lb.	fd40
2182	2004	SVL	Limnos R.	GRC	E all ships	mo67
2182	2037		Howth Lb.	IWA	E wkg Valentia R.	fd40
2182	2045		Milford Haven CGR.	G	wkg Courtmacsherry Lb.	fd40
2182	2050	VON	St. John's CGR.	CAN	all stations	fd40
2182	2122	GND	Stonehaven R.	G	E anns 1734.7	zeTC
2182	2133	GKZ	Humber R.	G	E all ships	zeTC
2182	2133	SDJ	Stockholm R.	S	E anns 1674 & 1797	zeTC
2182	2134	IPL	Livorno R.	I	I/E anns 2591	zeTC
2182	2134	OYE	Roenne R.	DNK	E anns 2586	zeTC
4222	1955	XSN	Ningbo R.	CHN	cw-cq	pcG
4227	2250	IGJ42	Unid	I	cw-vvv	pcG
4231.5	2103	UVA	Gelendzhik R.	RUS	cw-cq	mo67
4236	2150	UDH	Riga R.	LVA	cw-cq	mo67
4239	2301	9MB6	MLA Ny Penang	MLA	cw-vvv	pcG
4253.5	2311	HZG	Dammam R.	ARS	cw-de	pcG
6462	0614	FUM	F Ny Papeete	OCE	cw-vvv	mo67
8367	0815	ZGUF	MV Mar Caribe	IWA	cw-clg WLO	pcG
8368	1947	CLEP	MV Incongreso de Partido	IWA	cw-wkg EAD	pcG
8437	2145	4XZ	ISR Ny Haifa	ISR	cw-vvv	mo67
8441.4	1530	9HD	Malta R.	MLT	cw-vvv	mo67
8459	1510	YQI4	Constanta R.	ROU	cw-de	mo67
8469	1937	D4A6	Sao Vicente R.	CPV	cw-cq	mo67
8473.4	1700	A7D	Doha R.	QAT	cw-de	mo67
8474	1650	JYO	Aqaba R.	JOR	cw-cq	mo67
8511	1716	XSW2	Taichung R.	TWN	cw-cq	mo67
8515	0600	5AT	Tripoli R.	LBY	cw-vvv	mo67
8568.5	0659	XFM	Manzanillo R.	MEX	cw-cq	mo67
8586	1309	UJO	Izmail R.	UKR	cw-cq	pcG
8589	2206	HPP	Intelmar R.	PNR	cw-vvv	mo67
8628.5	1930	NOJ	USCG Kodiak	ALS	cw-cq	mo67
8686	0908	CNP	Casablanca R.	MRC	cw-cq	mo67
8690	0605	3DP3	Suva R.	FJI	cw-cq	mo67
8691	1803	XST	Quingdao R.	CHN	cw-cq	mo67
8691	1939	XST	Quingdao R.	CHN	cw-cq	pcG
8728	1600	3AC8	Monaco R.	MCO	E/F/I id	mo67
8737	2009	5BA42	Cyprus R.	CYP	E/GR vm-f	mo67
8749	2036	WOO	Ocean Gate R.	USA	cw-cq	fd40
12663	2149	CBV	Valparaiso R.	CHL	cw-vvv	mo67
12689.5	0740	PPJ	Juncao R.	B	cw-vvv	mo67
12691	1658	FUX	F Ny Saint Denis	REU	cw-vvv	mo67
12736.6	1022	TAH	Istanbul R.	TUR	cw-de	mo67
12800	0927	HSA3	Bangkok R.	THA	cw-cq	mo67
12870	1653	LZS32	BUL Ny Varna	BUL	cw-LZRW	pcG
12963	1010	HAR	Budapest R.	HNG	cw-cq	mo67
12965	1312	UJO	Izmail R.	UKR	cw-cq	pcG
12970	0611	URL	Sevastopol R.	UKR	cw-cq	mo67
13020.4	1246	VPS60	Cape d'Aguilar R.	HKG	cw-cq	mo67

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13031.2	2045	FUF	F Ny Fort-de-France	MRT	cw-vvv	mo67
13060.5	0704	TUA5	Abidjan R.	CTI	cw-de	mo67
13060.5	1336	7OA	Aden R.	YEM	cw-de	mo67
13062	2013	CLA32	Habana R.	CUB	cw-cq	mo67
13089	1734	NMN	USCG Portsmouth	USA	E highseas broadcast	fd40
13089	1745		Unid	USA	E wx	fd40
13146	1726	3AC12	Monaco R.	MCO	E/F/S/G anns & mm	fd40
16812	1611	WLO	Mobile R.	USA	cw-id	mo67
16812.5	0812	NRV	USCG Guam	GUM	cw-id	mo67
16956	1730	PZN26	Paramaribo R.	SUR	cw-cq	mo67
16957.7	0932	FUJ	F Ny Noum,a	NCL	cw-vvv	mo67
16964	1653	NMO	USCG Honolulu	HWI	cw-cq	mo67
17004	1653	HKB	Barranquilla R.	CLM	cw-cq	mo67
17223.4	1025	A4M	Muscat R.	OMA	cw-de	mo67
17227.5	1340	ZLO	RNZL Ny Irirangi	NZL	cw-de	mo67
22330.5	1338	D3E81	Luanda R.	AGL	cw-cq	mo67
22587.5	1424	LPD91	Generale Pacheco R.	ARG	cw-vvv	mo67

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

5568	2239		LIAT Beef Island	VRG	E wkg Bird	fd40
5568	2245		LIAT Adams Family	BRB	E clg Bird	hb32
5568	2257		LIAT Vigie	LCA	E wkg Adams	fd40
5568	2314		LIAT Golden Rock	SCN	E wkg Beef Island	fd40
5568	2318		LIAT Amos Vale	VCT	E wkg a/c 355	fd40
5568	2329		LIAT Vigie	LCA	E clg Adams	hb32
5637	1628		Kazantzakis/Iraklion	GRC	GR wkg Athens	hb32
6556	1919		Colombo Air	CLN	E wkg Jordanian 187	mo67
8825	1646		Santa Maria Air	AZR	E wkg 55	mo67
8855	0505		Piarco Air	TRD	E wkg unid	mo67
8879	1723		Lilongwe Air	MWI	E clg Lusaka	mo67
8879	1723		Lusaka Air	ZMB	E wkg Lilongwe	mo67
8879	1807		Tananarive Air	MDG	F wkg unid	mo67
8879	2030		Mauritius Air	MAU	E wkg Singapore 406	mo67
8903	0534		Bangui Air	CAF	F wkg unid	mo67
8903	1921		Manila Air	PHL	E wkg Japan Air	mo67
8903	2109		N'Djamena Air	TCD	F clg Niamey	mo67
8903	2327		Naha Air	J	E wkg unid	mo67
8913	2119		Lubumbashi Air	ZAI	F wkg unid	mo67
8918	2335		Panam Air	PNR	S wkg San Andr,s	mo67
8918	2335		San Andres Air	CLM	S wkg Panam	mo67
8984	2031	NMN	USCG Portsmouth	USA	E wkg CG 6582	fd40
10018	1640		Bombay Air	IND	E wkg Kuwaiti 203	mo67
10018	1642		Karachi Air	PAK	E wkg Bombay	mo67
10066	1720		Calcutta Air	IND	E wkg Yangon	mo67
10066	1720		Yangon Air	MYA	E wkg Calcutta	mo67
10066	1722		Dhaka Air	BGD	E wkg Cathay	mo67
10066	1856		Colombo Air	CLN	E wkg Aeroflot 566	fd40
11176	1850		USAF Ascension	ASC	E phonepatch	mo67
11300	1805		Addis Air	ETH	E wkg Asmara	mo67
11300	1805		Asmara Air	ETH	E wkg Addis	mo67
11396	1435		Bali Aeradio	INS	E wkg unid a/c 618	fd40

F I X E D B A N D S

5000	0557	YVTO	TS Caracas	VEN	S id & ts	mo67
5063.7	1816	9MB	MLA Ny Penang	MLA	cw-vvv	mo67
5805	1640	FDC	FAF Metz	F	cw-vvv	zeTC
7512.5	1236	OUN	USCG LORSTA Ejde	FAR	E wkg TFR2	mo67
7512.5	1236	TFR2	USCG LORSTA Keflav.	ISL	E wkg OUN	mo67
7512.5	1240	JXP	USCG Jan Mayen	JMY	E wkg TFR2	mo67
7512.5	1241	JXL	USCG Vesteraalen	NOR	E wkg TFR2	mo67
7600	2201	HD210A	TS Guayaquil	EQA	S anns & ts	mo67
8005	2023	5TQ2	SNIM Nouadhibou	MTN	A wkg/return 8175	mo67
8175	2023	5TQ7	SNIM Zouerate	MTN	A wkg/return 8175	mo67
8974	0950	FDC	FAF Metz	F	cw-vvv	zeTC

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9106	2342	BAS Signy	SOK E wkg Faraday	fd40
9106	2357	BAS Faraday	ANT E wkg Halley	fd40
9106	2357	BAS Halley	ANT E wkg Faraday	fd40
10000	1357	WVH	NIST Kekaha	zeTC
11092.5	2033	ZHH50	C & W Saint Helena	zeTC
11092.5	2059		Radio Saint Helena	hb32
11435	1107	OVC	R DNK Ny Groennedal	zeTC
20000	1444	WVW	NIST Fort Collins	zeTC
20994	1448	"S"	SLB Arkhangelsk	zeTC
20995	1449	"C"	SLB Moscow	zeTC

R A D I O T E L E T Y P I N G

3195.8	1709	OLB7	Prague Meteo	TCH wx OKPR	50	mo67
3560.3	1845	YKW1	SANA Damascus	SYR E nx	50	mo67
4220.9	2124	GYU	R Ny Gibraltar	GIB id//6370.8	75	mo67
4221	1931	GYU	R Ny Gibraltar	GIB id	75	pcG
5117.7	1926	TYE	Cotonou Air	BEN ry	50	mo67
5170.2	1740	5VX	Lom, Air	TGO ry	50	mo67
5803.9	2156	9GC	Accra Air	GHA ry	50	mo67
6753.7	1945		EGY Emb Rome	I msgs TOR A	100	pcG
7524	2100	TYE	Cotonou Air	BEN msgs ARQ 2CH	96	pcG
7626.2	1808	TZH	Bamako Air	MLI ry	50	mo67
7689.5	1918	TUH	Abidjan Air	CTI ry & testing	50	mo67
7689.5	2253	TUH	Abidjan Air	CTI testing & id	50	pcG
7896	0804		Unid	AUT?G text ARQ S	96	pcG
7946	1922	RF??	Unid	F? msgs ARQ E	96	pcG
"RFVIZA DE RFFIC.." ITT circuit, msg from Marine Dipermil Paris pcG						
7958.9	2040	EPD5	IRNA Tehran	IRN E nx	50	mo67
8105	2238	RFFX	FF Versailles	F testing ARQ E	72	pcG
8123	1939	TNL	Brazzaville Air	COG idling	50	pcG
9113.9	1706	HGG31	MTI Budapest	HNG ry	50	mo67
9217.5	2100	TTL	N'Djamena Air	TCD id & tfc ARQ 2CH	96	pcG
9395	1752	HMF84	KCNA Pyongyang	KRE ry	50	mo67
10102.4	1942	3XA	Conakry Air	GUI ry	50	mo67
10493.7	1810	RFTJF	FF Port Bouet	CTI wkg Dakar ARQE3	48	pcG
10600.3	????	XVN37	VNA Hanoi	VTN F nx	50	mo67
10800	2136	RFLI	FF Fort-de-France	MRT msgs ARQ E3	100	pcG
10917.7	1800	RFTJ	FF Dakar	SEN wkg Port Bouet	48	pcG
11112	1610	9VF36	PIAB Singapore Rel.	SNG G nx FEC A	96	pcG
11128.5	always	RFFE	Unid FAF	F? testing ARQ E3	72	pcG
12477.5	1045	WXK3545	MV white Eagle	IWA wkg Portis TOR-A	100	pcG
13523.9	1256	YIO72	INA Baghdad	IRQ ry & sked	50	mo67
13974.5	1000		ICRC Amman	JOR to HBC88 TOR A	100	pcG
14462.5	1924	TNL	Brazzaville Air	COG testing & id	50	pcG
14481.8	1946	RFTJ	FF Dakar	SEN msgs ARQ E3	48	pcG
This is the "TJF" circuit Dakar - Port Bouet link						
14560	0811	JYF2	PETRA Amman	JOR test & E nx	50	pcG
14578	0940	RFFXL	FF Beirut	LBN msgs ARQ E	72	pcG
Versailles circuit "XZL", return of 14964 at this time pcG						
14633.6	1806	MTO	R Ny Rosyth	G id	75	mo67
14926.7	1938	RFTJ	FF Dakar	SEN msgs ARQ E3	48	pcG
Dakar-Libreville circuit "TJD" pcG						
14964	0930	RFFX	FF Versailles	F msgs ARQ E	72	pcG
This is the Beirut circuit "XXL" pcG						
15726.7	1158	RPTMB	POR Ny Porto Santo	MDR ry & foxes	75	mo67
18264.8	1157	CNM78	MAP Rabat	MRC ry & sked	50	mo67
18490	1100	RUZU	SAAM Molodezhnaya	ANT msgs TORG 10	100	pcG
19204.8	1952	RFLI	FF Fort-de-France	MRT msgs ARQ E3	192	pcG
Fort-de-France - Dakar circuit "LIJ" pcG						
19216.7	2004	RFLI	FF Fort-de-France	MRT msgs ARQ E3	96	pcG
Circuit "LIH" for Fort-de-France - Papeete link						
19822.7	0829	5AF	Tripoli Air	LBY ry	50	mo67
20584.1	1700		SALCOST Bumbuna	SRL msgs TOR A	100	pcG
20716.8	always	RFFAB	FF Paris	F msgs ARQ E3	50	pcG
23992.5	1404	ZRH	ARS Ny Cape	ARS ry clg CCM	50	mo67

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SALCOST is an Italian construction enterprise.

Q S L R E V I E W

ANT-BAS Faraday	437	P,VC,I/IRC,VC,Fo	9106	ZHF44	1.5kw	dp41
AUS-US Ny Northwest Cape	122	P,L/IRC	12867	NWC		pcG
B -B Ny Natal	42	P/IRC,VC,Fo	20236.8	PWN33	1kw	dp41
B -DHN Arvoreda	46	P/IRC,VC,Fo	7964	PWY66	125w	dp41
CAN-Montreal CGR.	65	P,VC,Sti,L/IRC,VC	2182	VFN	1kw	dp41
CHN-Xinhua Beijing	19	P,L/IRC,VC,Fo	14366	BZP54	25kw	dp41
CPV-Sal Air	34	P,L/IRC,VC,Fo	9154	D4B	1kw	dp41
D -D Ny Spiekeroog	36	PPC,L,ITU-shiplist	3121	DRLJ	100w	dp41
D -MARS Bitburg	32m!	C,L/VC,RP	3875	AGA7BI		fd40
F -Cherbourg Rescue	32	P,L,Sti/IRC,VC,Fo	5680		1kw	dp41
FJI-Suva R.	26	L,P/IRC	8690	3DP3		hb32
FNL-NDB Espoo	15	P/RP via Helsinki	381	"ESP"		hb32
FNL-NDB Kauhajoki	15	P/RP via Helsinki	394	"JOK"		hb32
FNL-NDB Turku	9	C/RP direct	389	"RK"		hb32
G -LDOC Monarch Air	8	P,VC,Sti,L/IRC,VC	11363		5kw	dp41
G -Milford Haven CGR.	10	P,I/VC,RP	2182		100w	fd40
G -Swansea CGR.	18	P,L,Fo,I/Fo,RP	2182		250w	fd40
GRC-Hellenic Coast Guard	181	P,L,I,Fo/IRC,VC,Fo	500	SXE	1kw	dp41
GRC-Heraklion Air	44	P,VC/IRC,VC,Fo	5637	SVP	400w	dp41
GRC-Kalamata Air	33	P,L,Fo,2VC/IRC..	5637		300w	dp41
GRC-Kavala Air	15	P/IRC,VC,Fo	5637		100w	dp41
GRC-Kavala Air	28	P/RP	5637		100w	hb32
GRC-Milos Air	20	P/RP	5637		100w	hb32
GRC-Paros Air	35	L,P/RP	5637		100w	hb32
GRC-Samos Air	27	C,P/RP	5637		100w	hb32
GRC-Thessaloniki Air	102	L/IRC,VC,Fo	5637		350w	dp41
GRD-NDB Point Salines	20	P/Fo,\$ f/up	362	"GND"	600w	fd40
GUI-Conakry Air	14	P/IRC,VC,Fo	7610	3XA		dp41
GUM-LDOC Air Micronesia	1167	P,2Ham-C/IRC,VC	11401		250w	dp41
GUM-USCG Guam	142	L,P/L,VC	16812.5	NRV	1kw	zeTC
HND-CENAMER Radio	312	P,L,Fo,map/IRC,VC	8918		1kw	dp41
I -Naples R.	41	P,L,15VC!/IRC,VC	2182	IQH	1kw	dp41
I -NDB Cagliari	18	P/RP	371	"CAG"		hb32
I -San Benedetto del Tronto R.	21	P,I/Fo,RP	2182	IQP	500w	fd40
INS-Dumai R.	56	P,L/IRC,VC,Fo	17184.8	PKP	1kw	dp41
IRN-IRNA Tehran	44	C,Sked/IRC	7801		20kw	hb32
IRN-IRNA Tehran	70	C,I/IRC,VC,Fo	7800	EPX9	20kw	dp41
IWA-Courtmacsherry Lb.	24	P,L,Fo,I/Fo,RP	2182	MOBV	400w	fd40
IWA-D Ny Bayern	40	P/RP,Fo,VC	10197	DRAC	100w	dp41
IWA-D Ny K"ln	14	P,VC/VP,Fo,VC	5680	DRAU	1kw	dp41
IWA-D Ny Niedersachsen	14	P,2Sti/VP,Fo,VC	10197	DRAR	100w	dp41
IWA-D Ny SSS Gorch Fock	21	P/IRC,VC,Fo	10197	DRAX	800w	dp41
IWA-Holyhead Lifeboat	20	PPC,L,Fo/Fo,RP	2182	MDVC	120w	fd40
IWA-MV Argentina Star	51	P/RP	16363	GXOZ		hb32
IWA-MV Conqueror	18	P/RP	2182	ZHFD8		hb32
IWA-MV Donvale	11	P,VC/Fo,RP	2182	GFKX	400w	fd40
IWA-MV Sterling Dee	21	P,L,I/Fo,RP	2182	GFGR	25w	fd40
IWA-MV Therese Delmas	120	L,Fo's/Fo,RP	2182	FNYZ		fd40
IWA-Ramsey Lifeboat	30	P,L,Fo/Fo,RP	2182		4w!	fd40
IWA-Rig Glomar Baltic 1	28	P/Fo,RP	2182	KMHG	250w	fd40
NOR-NTRA Oslo	106	P,L/IRC back,VC,Fo	7871.5	LN2A	1kw	dp41
ROU-ROMPRES	30	C/VC,\$	9797	YOJ27	15kw	fd40
RUS-Belomorsk R.	91	P,L,Fo/IRC,VC,Fo	12860	UGF2	5kw	dp41
S -S Airforce Saten,,s Radio	11	P,VC,2Sti/IRC,VC	8985		250w	dp41
S -Stockholm Rescue	50	P,Sti,L/IRC,VC,Fo	5680			classified dp41
SCN-NDB Saint Kitts	30	P/Fo,RP f/up	323	"SKB"	25w	fd40
SEN-ASECNA Dakar Air	25	L/VC,\$	19750	6VU79	10kw	fd40
SNG-JIJI-Press Singapore	85	L/IRC,VC,Fo	17429	9VF209	10kw	dp41
TCH-MFA Prague	27	P,Ham-C,VCs/IRC..	20621	OMZ	1kw	dp41
THA-Bangkok R.	26	C/VC	12800	HSA3	5kw	zeTC
TRD-NDB Port of Spain	21	L/Fo,1\$ f/up	382	"POS"	500w	fd40
UKR-Mariupol (ex Zhdanov) R.	63	P/IRC,VC,Fo	12732	UBN	5kw	dp41
URS-Samara Volmet (ex Kuybychev)	270	P/IRC,VC,Fo	11318		1kw	dp41

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USA-MARS Springfield,MA	99	PPC,Fo/Fo,\$	14441.5	NNN0WHT	1kw	fd40
USA-Ocean Gate R.	43	C,I/RP	12632	WOO		pcG
USA-USCG Group Miami Beach	21	L/IRC,VC,Fo	5680	NCF	100w	dp41
VEN-Maiquetia Air	24	P,3VC,pennant/IRC	8855	YXA	1kw	dp41

Plenty of addresses this time:

A D D R E S S E S / V E R I E - S I G N E R S

Holyhead Lifeboat: J. Parry, SHS Holyhead, Holyhead LL65 1EN, England
 NDB Port of Spain "POS": Director, Civil Aviation Division, 89 Abercromby Street, Port of Spain, Trinidad, west Indies
 NDB Point Salines "GND": S. Lewis, PO Box 385, Saint George's, Grenada
 NDB Saint Kitts "SKB": V/s Cuthbert Browne
 Ramsey Lifeboat: V/s Jimmy Martin (fd40)

D Ny SSS Gorch Fock DRAX: V/s M. Bll, Oberbootsmann
 Mariupol Radio UBN: V/s Vladimir I Borovik, A.S.Co. Station Manager
 Kavala Air (correct name of station is Megas Alexandros Information): V/s is Christos Koutsonasios, Telecom Officer
 Hellenic Coast Guard SXE: Ministry of Merchant Marine, Communications Department, Commander Proios E., Supervisor of Aspropyrgos and Piraeus Radio Coast Station, Gr. Lampraki 150, GR-185 18 Piraeus, Greece
 BAS Faraday ZHF44: V/s E. Taylor (VP8GAV/GM0GAV)
 Napoli Radio IQH: V/s Francesco di Filippo (I8DFP)
 Heraklion Air (= Nikos Kazantzakis Airport): V/s Her. Kalogerakis SVP/Telecom.
 B Navy Natal PWN33: V/s Francisco Edvaldo Pereira de Freitas, Primeiro-Tenente (AA), Enc. Div. de Operacoes (PY1PL/PS7)
 Kalamata Air: V/s Dimitris Mandilaris, Civil Aviation Authority Kalamata Airport, Telephone 0721-69696
 Xinhua News Agency: Technical Department, 57 Xuanwumen Xidajie, Beijing, V/s Xie Shenghe
 Thessaloniki Air: V/s Stamatoglou Polichronis, Head of Comms. Department, Makedonia International Airport
 Samara Volmet: V/s M. Yudkovski (RB5SJ), PO Box 331, Ivano-Frankovsk 284000, Ukraine
 Station LN2A: Norwegian Telecommunications Regulatory Authority, John Snuggerud, Frequency Management Office, PO Box 2592, Solli, N-0203 Oslo
 Cherbourg Rescue: Marine Nationale, Service T.V.L., L'Enseigne de Vaisseau Cappelleso, Officer Exploitation, COMAR Cherbourg, F-Cherbourg, France
 D Ny Frigate K"ln DRAU: V/s M. Puls, Hauptbootsmann
 Saten,,s Radio: V/s Lars Makitalo, Captain via Skaraborgs Flygflottilj Airlift Command
 USCG Group Miami Beach NCF: V/s T.C. Lee, Radioman First Class, Assistant Radioman-in-Charge (says Dieter's report is the first ever received by NCF - this is untrue of course js33! hi)
 DHN Arvoreda: V/s Central address Carlos Alberto Auffinger, Capitao-de Corveta, Encargado da Divisao de Comunicacoes (all by dp41)
 USCG Guam NRV: US Coast Guard, PSC 488, PO Box 149, FPO AP 96540-1845, Guam V/s W.F. Butler/Chief Warrant Officer (zeTC)

Same procedure as every year... there are a lot of people who are kindly asked to pay their fees for the next year. Here is the list: rb61, hb32, Bernd Fink, bg44, ah75, ai41 (du kannst Deinen Beitrag ruhig mit den Kosten fr das DSWCI-Ged"ns verrechnen), mm35, km40, mo67, rp41, dp41, ps50, js33, fs74, sw65, wk98, ht43, zeTC. Fee has been received from hl71 for November. Tnx.

That's it for this month. My thanks go to fd40, zeTC, pcG, dp41, hb32 and mo67. The others are still working on their loglists for the next issue I suppose, hi.

Welcome to the last issue of the year. I hope you have been busy with DX during Christmas so that we can enjoy the results in NL 1/93.

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NON DIRECTIONAL BEACON (S)

270	0215	FLO	Flores	AZR id	1845km	fdCNR
274	2331	SAL	Sal	CPV id+dash	1421km	fdCNR
288.5	2241	FI	Finisterre Lt.	E id+dash		rk50
290.5	2330	DY	Duncansby Head Lt.	G id+dash		rk50
298.5	2351	SW	Skagen Lt.	DNK id+dash		rk50
302.5	0233	FB	Flamborough Head Lt.	G id+dash		rk50
303	2356	FV	Falsterborev Lt.	S id+dash		rk50
303.5	2356	GR	Gedser Lt.	DNK id+dash		rk50
309.5	0005	MA	Marstein Lt.	NOR id+dash		rk50
313.5	0005	TMG	TMlands S"dra Grund Lt.	S id+dash		fd40
323	0052	SMA	Santa Maria	AZR id	1278km	fdCNR
325	0146	DP	Diepholz	D id+2dash		rk50
330	0047	LNA	Lena	S id		rk50
332	0245	HAE	Hannover	D id		rk50
339	0016	TDF	Tindouf	ALG id+dash	828km	fdCNR
349	0040	PRA	Praia	CPV id	1626km	fdCNR
350	0045	LAA	Oulu	FNL id		fd40
351	0317	SUM	Sumburgh	G id		fd40
352	0102	PSJ	Ilmajoki	FNL id		rk50
354	0310	FIN	Finno	FNL id		fd40
355	0031	SLO	Saint Louis	SEN id+dash	1333km	fdCNR
358a	0117	FNL	Unid	??? id		fd40
360	0024	ASN	Ascension Island	ASC id	2247km	fdCNR
362a	????	VR	Unid	??? id		fdCNR
367.5	0206	PNZ	Ponza	I id		rk50
368	0250	BYC	Bckeburg	D id		fd40
370	0246	OHT	Stockholm	S id		fd40
371	0119	HAA	Hamar/Stafsberg	NOR id		rk50
371	2322	MGL	Sao Miguel	AZR id	1365km	fdCNR
380	0031	FLR	Trondheim (Flornes)	NOR id		rk50
380	2340	FIL	Horta	AZR id	1617km	fdCNR
381	0159	AB	Akraberg Lt.	FAR id		fd40
381	0225	ODR	Odderoy	NOR id		fd40
384	0208	HNS	Sandane/Anda (Hoynes)	NOR id		fd40
387	0052	VDL	Vardal	NOR id		rk50
387	0330	CEV	Cervia	I id		rk50
389	0150	RK	Turku	FNL id		fd40
391	0109	DDP	San Juan/Dorada	PTR id	5164km	fdCNR
391	0229	VOL	Bergen (Vollo)	NOR id		fd40
392	0125	DVN	Split	HRB id+dash		rk50
392	0134	GDY	Mariehamn-Godby	FNL id		fd40
393	0123	HAP	Haapa	FNL id		fd40
394	0120	NB	Stockholm/Bromma	S id		fd40
396	0209	ZBB	Bimini	BAH id	6151km	fdCNR
399	0243	MTN	Salamanca/Mataca n	E id		fd40
402	0056	RA	Strunkovice	TCH id		fd40
409	0036	DAR	Darlowo	POL id		fd40
409	0045	BRK	Bruck	AUT id		fd40
410	0025	RF	Erfurt	D id		fd40
413	0010	BOA	Bologna	I id		fd40
413.5	0001	GLT	Galati	ROU id		fd40
415	2340	TOE	Toulouse	F id+dash		fd40
415	2341	RUS	Russe	BUL id		fd40
417a	0252	ACD	Alcobendas (?)	E id	from 257?	fd40
421a	0259	ARP	Unid	??? id		fd40
423.5	0301	ORU	Orust	S id		fd40

MARITIME

519	0132	DAM	Norddeich R.	D cw-cq		zeTC
1876	1949		Lampedusa R.	I E/I wx		hb32
2182	0005		MV Ferry St.Clair	IWA E clg wick		hb32
2182	0603	VCS	Halifax CGR.	CAN E clg all stns		mo67
2182	0604	OYE	Roenne R.	DNK E clg all ships		mo67
2182	0635	SVH	Iraklion R.	GRC GR/E clg all ships		mo67

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2182	0842		Oerlandet R.	NOR	E/NOR	all stns	hb32
2182	0952		MV Star Spica	IWA	E	clg wick	hb32
2182	1027		Arbroath Lb.	IWA	E	wkg Stonehaven	hb32
2182	1538	4XO	Haifa R.	ISR	E	clg Penguin	hb32
2182	1747		Humber CGR.	G	E	wkg Blaavand R.	fd40
2182	1928		HMS Lancaster	IWA	E	wkg Niton	hb32
2182	2034	OFH	Mariehamn R.	FNL	E	clg all chips	mo67
2182	2315		MV Ferry Ciudad de Palma	S	clg	Cd.de Badajcz	hb32
2226	2150		Falmouth CGR.	G	E	wx	hb32
2680	2022		Bari R.	I	E/I	wx	hb32
2749	0519	VCO	Sydney CGR.	CAN	E	wx	hb32
2749	0534	VCS	Halifax CGR.	CAN	E	wx	hb32
2749	0540	VAU	Yarmouth CGR.	CAN	E	wx	hb32
2749	2341		Cap-aux-Meules CGR.	CAN	E	all stns, anns UTC	hb32
Seems to be a new frequency (?!) for Canadian CG...							
2779	2237	GND4	Stonehaven R.	G	cw-	sitor	zeTC
2832.7	2241	GNK1	Shetland R.	G	cw-	sitor	zeTC
4213.5	2153	DAN	Norddeich R.	D	cw-	sitor	zeTC
4229	2129	LYK	Klaipeda R.	LTU	cw-	tfc	pcG
4244.7	2245	PPR	Rio R.	B	cw-	vvv	pcG
4250	2210	ZLO2	RNZL Ny Irirangi	NZL	cw-	vvv	zeTC
4251	2250	PPJ	Junccao R.	B	cw-	vvv	pcG
4257.5	2258	WLO	Mobile R.	USA	cw-	de	pcG
6473.5	2309	YQI3	Constanta R.	ROU	cw-	cq	pcG
6477.5	0805	UBN	Idanov R.	UKR	cw-	cq de UDC/UBN	pcG
6480.8	2304	LSA3	Boca R.	ARG	cw-	vvv	pcG
6484.5	0106	WSC	Tuckerton R.	USA	cw-	cq	zeTC
6485	0800	JCU	Choshi R.	J	cw-	cq	pcG
8360	2209	J4FE	MV Buena Fortuna	IWA	cw-	wkg PJC	pcG
8450	0740	5AB	Benghazi R.	LBY	cw-	vvv cq	pcG
8451	2204	5BF2	Sankt Petersburg R.	RUS	cw-	clg 4LT3	pcG
8472	0646	SUP	Port Said R.	EGY	cw-	vvv cq	pcg
8581.7	2250	XSN	Ningbo R.	CHN	cw-	cq	mo67
8589	2240	HPP	Intelmar Panam R.	PNR	cw-	vvv cq	zeTC
8604	2146	DZJ	Manila R.	PHL	cw-	cq	zeTC
12426	1717	C4JU	MV Lucky Man	IWA	cw-	amver msg to WCC	pcG
12663	2147	CBV	Playa Ancha R.	CHL	cw-	vvv	pcG
12682.5	1256	PKF	Makassar R.	INS	cw-	cq	zeTC
12698	1708	A9M	Bahrain R.	BHR	cw-	qtc list	pcG
12703	1301	LYK	Klaipeda R.	LTU	cw-	cq	zeTC
12829.5	1425	XFM	Manzanillo R.	MEX	cw-	cq	pcG
12867	1712	NWC	US Ny NW Cape,WA	AUS	cw-	vvv cq de nrv/nwc	mo67
12870	1329	DZO	Manila-Bulacan R.	PHL	cw-	cq	pcG
12906	0949	DZJ	Manila-Bulacan R.	PHL	cw-	cq	pcG
12930.5	0943	JYO	Aqaba R.	JOR	cw-	cq	pcG
12952.5	1723	VIS5	Sydney R.	AUS	cw-	vvv	zeTC
12965	1227	UJ05	Izmail R.	UKR	cw-	wkg ships	pcG
12967	1253	A7D	Doha R.	QAT	cw-	de	zeTC
12969	1232	XSV	Tianjin R.	CHN	cw-	cq	pcG
12969	1331	SUH4	Alex R.	EGY	cw-	cq	pcG
12970.5	1236	PKX	Jakarta R.	INS	cw-	cq	pcG
12980	0814	UPB	Providenia Bukhta R.	RUS	cw-	clg UKSK	pcG
12990	1734	UOP	Tuapse R.	RUS	cw-	vvv	pcG
13024.5	1525	ASK	Karachi R.	PAK	cw-	manual calling	pcG
13041.3	0903	XVS9	Ho-chi-Minh R.	VTN	cw-	cq	mo67
13041.5	1412	XVS9	Ho-chi-Minh R.	VTN	cw-	cq	pcG
13060.5	1407	7OA	Aden R.	YEM	cw-	de	pcG
16639.5	1500	ELRV4	MV Asian Highway	IWA	cw-	amver msg to NMN	pcG
16736	1356	5MDI	MV Summit Venture	IWA	cw-	clg FFL	pcG

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

5568	0007		LIAT Adams	BRB	E	wkg Bird	mo67
5568	0007		LIAT Bird	ATG	E	wkg Adams	mo67
5568	0012		LIAT Golden Rock	SCN	E	clg Juliana	mo67
5568	0016		LIAT Point Salines	GRD	E	wkg Adams	mo67
5568	0020		LIAT Beef Island	VRG	E	wkg LIAT544	mo67

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5568	0048	LIAT Juliana	ATN E wkg Beef Island	mo67
6556	2032	Kuala Lumpur Air	MLA E wkg Singapore a/c	mo67
6556	2059	Perth Air	AUS E wkg Springbok 287	pcG
6586	1815	Ouagadougou Air	BUF E wkg Unid	mo67
6586	1842	Douala Air	CME E clg Accra	mo67
8873	1721	Libreville Air	GAB F clg Brazzleville	mo67
8879	1718	Moroni Air	COM F wkg Tananarive	mo67
8879	1725	Beira Air	MOZ E clg Tananarive	mo67
8879	1735	Kigali Air	RRW E clg Dar	mo67
8879	2031	Seychelles Air	SEY E wkg Mauritius 040	mo67
8918	0034	Panam Air	PNR S wkg a/c..17	fd40
8949	1907	LDOC Harare	ZWE E wkg AFM06	mo67
8962.8	0608	LDOC Lagos	NIG E wkg Kano	mo67
10072	2255	LDOC Bombay	IND E wkg Air India 111	mo67

FIXED BANDS

5000	1714	VNG	TS Llandilo	AUS E id & ts	zeTC
7335	0937	CHU	NRC Ottawa	CAN E/F id & ts	zeTC
8140	1330	IGJ44	I Ny Augusta	I cw-vvv	zeTC
9106	2346		BAS Faraday	ANT E wkg Signy	mo67
9106	2357		BAS Halley	ANT E wkg Faraday	mo67
9106	2357		BAS Signy	SOK E wkg Faraday	mo67
23571.5	1400	PCW1	MFA Den Haag	HOL cw-sitor	zeTC
23697	1346		Unid	??? D simplex tfc	zeTC
25870	1530	WFLA	WFLA-Radio	USA E broadcast	fd40

This was/is a Feeder transmission in FM mode from WFLA-FM in Florida.....

RADIOTELETYPE

4622.4	2015	RFFED	Unid	??? letter gps	ARQ-E	72	pcG
8123	2044	TNL	Brazzaville Meteo	COG aero wx	ARQ242	96	pcG
9286.9	2144	TLO	ASECNA Bangui Meteo	CAF ry		50	mo67
10496	2221	MKD	RAF Akrotiri	CYP foxes		50	pcG
16175.5	1900	NNNOCRW	MARS USS Guam	IWA wkg NONHA	TOR-A	100	pcG
16175.5	2045	NNNONHA	MARS Norfolk	USA wkg NOCRW	TOR-A	100	pcG

QSL REVIEW

CHN-Xinhua Beijing	108	P,L/Fo,1\$	17443				fd40
CLN-Colombo Air	33	P/Fo,1\$	10066			2kw	fd40
D -NDB Sylt	200	L/Fo,RP	now on 387 286	"SLT"			fd40
FNL-NDB Haapa	14	P/VC,2\$	via Hels 393	"HAP"	500w		fd40
FNL-NDB Helsinki	14	P/VC,2\$	via Hels 344	"HEK"	300w		fd40
FNL-NDB Savonlinna	14	P/VC,2\$	via Hels 381	"SAV"	150w		fd40
FNL-NDB Vaasa	22m	P/Fo,IRC	dir 357	"SEP"	150w		fd40
G -Liverpool CGR.	6	L,P,S,I/Fo,RP	2182				fd40
GAB-ASECNA Libreville Air	270	P/Fo,1\$	8903			1kw	fd40
HOL-Ijmuiden Rescue	34	P,I,S/Fo,RP	2182			5kw	fd40
HRB-Rijeka R.	29	P/Fo,1\$	2182	9AR		1kw	fd40
HRB-Rijeka R.	32	P/VC	12607.5	9AR		10kw	zeTC
IWA-HMS Roebuck	40	L,P,Fo,I/Fo,RP	2182	GCYB		100w	fd40
IWA-MV Grampian Rose (Safety)	30	P,L/Fo,RP	2182	GDJY			fd40
IWA-MV Stena Constructor	24	P,I/Fo,RP	2182	C6CP8			fd40
IWA-Rig Santa F, Monitor	20	P,L/Fo,RP	2182	HP5508	300w		fd40

Klaipeda Radio UNM2 has the new call LYK now officially (tnx ws23).

Some people already sent their fee. will prepare a list in 1/93.

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Generous contributors to this issue have been ws23, fd40, pcG, zeTC, mo67, ai41 and hb32. Tnx!

That's all for this year. May I thank all those people who contributed to fill the Newsletter in the last year. I hope you all had a nice Christmas and wish you every success in 1993.

P.S. Thank you for the fine Christmas cards I received!!!