18,10	---	russian high command moscow, rus	0	f1b/fsk-morse	-209	
18,10	---	russian navy general staff moscow, rus	1345	cw	-109	
18,10	rdl	rus/cis navy smolensk, rus	915	fsk-cw	-509	tfc
19,60	gbz	royal navy/nato anthorn cumbria, g	1928	fsk 200/75	-109	encrypted/chipher
20,27	icv	italian navy tavolara, i	1930	fsk 200/85	-109	encrypted/chipher
21,70	hwu	french navy le blanc, f	1412	unid 200/85	-509	encrypted/chipher
22,10	---	unid	1719	unid 100/50	-209	encrypted/chipher
22,10	gqd	royal navy anthorn cumbria, g	1932	fsk 100/45	-109	encrypted/chipher
23,40	dho38	german navy saterland/rhauderfehn, d	1452	unid 200/85	-509	encrypted/chipher
24,00	naa	us navy cutler, usa	1935	fsk 200/85	-109	encrypted/chipher
26,70	tbb	turkish navy bafa, tur	1936	fsk 100/45	-109	encrypted/chipher
37,50	nrk	us navy keflavik/grindavik, isl	1938	fsk 200/80	-109	encrypted/chipher
45,90	sxa	greek navy spata attikis, grc	1331	fsk 200/90	-509	encrypted/chipher
49,00	---	unid	1738	unid 200/56	-209	encrypted/chipher
49,00	sxa	greek navy marathon, grc	1940	fsk 200/83	-109	encrypted/chipher
51,95	gyw1	royal navy crimond, g	1941	nato-50 50/80	-109	encrypted/chipher
57,40	---	unid	1743	unid 100/51	-209	encrypted/chipher
60,00	msf	anthorn time signal, g	2102	n0n	-509	pips
61,80	---	unid	50	fsk 50/85	-609	encrypted/chipher
62,60	fue	french navy brest, f	1943	fsk 200/90	-109	encrypted/chipher
63,80	---	unid	1801	unid 200/100	-209	encrypted/chipher
63,85	---	unid	1944	fsk 200/100	-109	encrypted/chipher
66,70	rbu	moscow time signal, rus	1641	cw	-109	time signal
68,00	gby20	royal navy rugby, g	918	fsk 100/85	-509	encrypted/chipher
73,60	cfh	canadian forces halifax, can	2310	fsk 100/85	-309	encrypted/chipher
75,00	hbg	geneve/prangins time signal, sui	1945	n0n	-109	pips
77,50	dcf77	ptb mainflingen time signal, d	915	cw	-509	pisp
81,00	gyn2	royal navy london, g	1201	fsk 50/85	-509	encrypted/chipher
82,75	gyb	royal navy london, g	1612	nato-75 75/68	-509	encrypted/chipher
99,00	---	unid	1421	loran-c	-509	
124,50	sxj	greek navy khania/kriti, grc	1949	nato-50 50/85	-109	encrypted/chipher
129,10	dcf49	efr mainflingen, d	1624	ascii 200/340	-509	electric power distribution grids
133,20	---	unid	1649	datatrack	-509	
135,60	hga22	efr lakihegy, hng	1951	ascii 200/340	-209	
135,70	sxv	greek navy spata attikis, grc	2314	fsk 100/80	-309	encrypted/chipher
139,00	dcf39	efr burg/mainflingen, d	1400	ascii 200/340	-509	electric power distribution grids
146,45	---	unid	2021	datatrak	-409	
147,30	ddh47	hamburg/pinneberg meteo, d	933	rtty 50/85	-509	maritime wx forecast
153,00	---	deutschlandfunk donebach, d	2134	am	-509	500kw: 24h news and political programmes
153,00	---	alger chaŒne 1/radio alger int'l b,char, alg	2200	am	-509	2000kw:
162,00	---	france inter allouis, f	2156	am	-509	2000kw: 24h news and information
171,00	---	radio mediterranee intl. nador, mrc	2205	am	-509	2000kw: // 9575 khz
171,00	---	radio rossii, kal	1033	am	-609	600kw: 0200-2200
177,00	---	deutschlandradio kultur zehlendorf, d	2219	am	-509	500kw: cultural and music programmes

183,00	---	europe 1 (felsberg) saarbrucken, d	938	am	-509	2000kw: news/information/entertainment
198,00	---	bbc radio 4 various, g	1017	am	-509	0.004-500kw: 24h
207,00	---	deutschlandfunk aholming, d	1027	am	-509	500kw: 24h news and political programmes
216,00	---	radio monte carlo roumoules, f	1039	am	-509	1400kw: news/information/entertainment
225,00	---	polskie radio 1 solec kujawski, pol	2301	am	-509	1000kw: 24h
234,00	---	radio tele luxembourg beidweiler, lux	1621	am	-509	2000kw: 24h
252,00	---	radio televis eireann 1 clarkstown, irl	1638	am	-509	300kw: 24h
261,00	---	radio rossii taldom, rus	1652	am	-509	2500kw: 0200-2200
270,00	---	cesky rozhlas topolna, cze	2056	am	-509	650kw: 24h
276,50	bw	ndb bremen, d	1335	cw	-309	
285,50	#693	stirling (earls hill), g	123	dgps	-609	ref id #443
286,00	#526	castellon, e	135	dgps	-609	ref id #363/#527
286,50	#469	porquerolles, f	139	dgps	-609	ref id #339
288,50	#670	tory island lt, irl	127	dgps	-609	ref id #671/#435
289,00	#502	cabo mayor, e	130	dgps	-609	ref id #351/#503
290,00	onl	ndb bieset (li,ge), bel	1547	cw	-609	
290,50	#687	flamborough head lt, g	2343	dgps 100/50	-509	ref id #447/#697
291,00	#691	wormleighton, g	1436	dgps 100/50	-609	ref id #439
293,00	ob	ndb brussels, bel	1442	cw	-609	ref id #439
293,50	#764	iffezheim, d	145	dgps	-609	ref id #494
294,00	#428	vlieland, hol	1148	dgps 200/50	-209	ref id #655/#656
295,50	#684	butt of lewis lt, g	148	dgps	-609	ref id #444
296,00	#508	cabo finisterre, e	151	dgps	-609	ref id #354/#507
297,00	#686	girdle ness lt, g	155	dgps	-609	ref id #446/#696
297,50	#682	point lynas lt, g	203	dgps	-609	ref id #442/#692
298,50	#762	helgoland, d	2352	dgps 100/50	-509	ref id #492
299,00	#460	heuville, f	1414	dgps 100/50	-609	ref id #330
299,50	#688	north foreland, g	1418	dgps 100/50	-609	ref id #448/#698
302,00	#426	gilze-rijen, hol	1700	dgps 200/50	-509	ref id #655
302,50	#760	koblenz, d	2357	dgps 100/50	-509	ref id #490
303,50	#763	zeven, d	2022	dgps 100/50	-209	ref id #493
304,00	#520	vardo lt, nor	210	dgps	-609	ref id #800/#830, must be 305,50
307,50	#680	st. catherines point lt, g	1145	dgps	-609	ref id #440/#690
308,00	#761	groá mohrdorf, d	2028	dgps 100/50	-209	ref id #491
309,00	ww	ndb deurne (antwerp), bel	1457	cw	-609	
310,00	#944	cape norman, can	0	dgps	-109	ref id #343
310,50	#500	faeder lt, nor	241	dgps 100/50	-1208	ref id #780
312,00	#640	oostende, bel	1503	dgps 200/50	-609	ref id #420/#641
312,50	#425	hoek van holland, hol	1136	dgps 200/50	-209	ref id #650/#651
313,00	#505	utsira lt, nor	235	dgps 100/	-1208	ref id #785
314,00	oz	ndb brussels, bel	1508	cw	-609	
317,00	vs	ndb valenciennes, f	1511	cw	-609	
318,00	le	ndb luxembourg, lux	1450	cw	-209	10s int, 1 khz tone
319,00	var	ndb stavanger, nor	2337	cw	-309	

321,00	aby	ndb albert/bray, f	557	cw	-609	
323,00	onc	ndb charleroi, bel	554	cw	-609	
323,35	---	unid	930	fsk 200/35	-509	encrypted/chipher
326,00	lls	ndb lelystad, hol	1639	cw	-609	
327,00	lv	ndb k"ln-bonn lom, d	1756	cw	-209	5s int 1000hz lsb
327,00	mvc	ndb merville, f	1645	cw	-609	
332,00	ll	ndb lille, f	1133	cw	-609	
332,00	nv	ndb nieuwkoop, hol	1718	cw	-509	loc rw 36r amsterdam airport schiphol
338,00	iap	ndb inde 23 platform, iw	556	cw	-309	
339,00	gi	ndb amiens, f	1246	cw	-609	
340,00	lsh	ndb lashenden, g	1248	cw	-609	
343,00	hbc	ndb halfdan b platform	302	cw	-109	
345,00	bn	ndb birkeland	301	cw	-109	
346,00	wlu	ndb luxembourg, lux	1950	cw	-409	1033 hz usb only 10s interval
347,00	mtn	ndb manston, g	1240	cw	-609	
347,17	---	unid	925	fsk 200/170	-509	encrypted/chipher
348,50	lg	ndb liege, bel	423	cw	-309	
350,00	laa	ndb niederrhein, d	1342	cw	-109	
350,50	rot	ndb rotterdam, hol	1727	ca	-509	
351,00	pla	ndb pula, hrv	253	cw	-109	
355,00	onw	ndb antweren/deurne, bel	2129	cw	-509	
357,00	vz	ndb eelde, hol	2340	cw	-309	loc rw 05 groningen airport eelde
359,00	div	unid ndb	1302	cw	-609	
359,00	lor	ndb lorient, f	452	cw	-209	
359,50	cdn	ndb chateaudun, f	540	cw	-309	
360,00	mak	ndb mackel, bel	447	cw	-209	
365,00	lj	ndb k"ln-bonn, d	1818	cw	-209	7s int 1000hz usb
366,00	uth	ndb uthaug, nor	250	cw	-109	
368,50	elu	ndb luxembourg, lux	424	cw	-309	
369,00	ps	ndb heenvliet, hol	1654	cw	-609	
372,00	ozn	ndb ikerassassuaq/prins christan sund, grl	432	cw	-309	
373,00	nw	ndb maastricht/beek, hol	532	cw	-309	loc rw 21 maastricht-aachen airport
375,00	oo	ndb oostende, bel	2113	cw	-609	
376,00	wp	ndb ndb weesp (westpier muiden), hol	1657	cw	-609	
379,00	rek	ndb reksten, nor	501	cw	-109	
382,00	ij	ndb seinajoki, fnl	1351	cw	-309	
383,00	shd	ndb scotstown head, g	651	cw	-109	
383,50	gul	ndb gulpen, hol	436	cw	-309	
386,00	std	ndb stad aan het haringvlietm, hol	2117	cw	-609	
387,00	ing	ndb inglevert, f	514	cw	-109	
388,50	ch	ndb buitenkaag, hol	1738	cw	-509	loc rw 06 amsterdam airport schiphol
389,00	mr	ndb slien/myra, nor	2150	cw	-209	
395,00	oa	ndb assendelft, hol	459	cw	-109	loc rw 18c amsterdam airport schiphol
396,00	jc	ndb rigolet, can	456	cw	-109	

396,00	yg	ndb rygge, nor	2154	cw	-209	
397,00	ehn	ndb eindhoven, hol	1701	cw	-609	
397,00	nf	ndb falk"ping, s	2340	cw	-309	
398,00	al	ndb alesund, nor	518	cw	-309	
399,00	wbd	ndb wiesbaden, d	524	cw	-309	
399,50	ono	ndb oostende, bel	1703	cw	-609	
401,50	bet	ndb rhein/betlange, d	1936	cw	-309	
402,00	kb	ndb placid k12-b platform	645	cw	-609	
402,00	op	ndb brussels, bel	1846	cw	-109	
404,00	lw	ndb luxembourg, lux	1846	cw	-109	
404,00	mrv	ndb merville, f	1314	cw	-609	
404,50	rr	ndb rotterdam, hol	641	cw	-109	loc rw 24 rotterdam airport
406,50	bot	ndb bottrop, d	1351	cw	-309	
408,00	brk	ndb vienna-bruck ndb, aut	2045	cw	-409	1022 hz 10s interval
409,00	sg	ndb satenas/tun, s	2103	cw	-309	
410,00	2bkq8	drillship ship stena carron, iw	405	cw	-309	
410,00	etn	ndb etain/rouvres, f	543	cw	-209	
413,50	dls	ndb berlind/l�bars, d	2317	cw	-309	
417,00	ah	ndb angelholm, s	2318	cw	-309	
417,00	li	ndb d�sseldof, d	1358	cw	-309	
418,00	mk	ndb marck (calais), f	2134	cw	-609	
419,00	rd	ndb vasteras/hasslo, s	2157	cw	-209	
420,00	lgs	ndb connoco loggs (oil platform), iw	2148	cw	-609	
421,00	bl	ndb borlange, s	2321	cw	-309	
421,00	mf	ndb halmstad, s	1937	cw	-309	
422,00	ur	ndb hradec kralov,, cz	2324	cw	-309	
423,00	fe	ndb odense/beldringe, dnk	1937	cw	-309	
426,00	gbg	ndb gleichenberg, aut	2058	cw	-409	1025 hz 10s interval
426,00	hwq	ndb hewett a platform, iw	444	cw	-309	
427,00	hdy	ndb haldan platform, iw	456	cw	-309	
430,00	ont	ndb kleine brogel, bel	1721	cw	-609	
432,00	d	ndb deveselu, rou	2343	cw	-309	
433,00	cre	ndb cres, hrv	2344	cw	-309	
434,00	mv	ndb melun/vilaroche, f	508	cw	-309	
438,00	ko	ndb kozala/rijecka	232	cw	-109	
440,00	pia	ndb piacenza, i	2335	cw	-309	
444,00	nrd	ndb inowroclaw, pol	2100	cw	-309	
445,00	tu	ndb tuzla, bih	228	cw	-109	
468,00	ftz	ndb fritzlar, d	225	cw	-109	
473,00	fha	ndb friedrichshafen, d	1936	cw	-309	
485,00	ia	ndb indija, srb	222	cw	-109	
488,00	ilm	ndb illesheim, d	220	cw	-109	
490,00	$01k	unid grindavik, isl	1741	unid	-1208	
490,00	$02j	unid horta, azr	1732	unid	-1208	

490,00	$03b	unid istanbul, tur	411	unid	-1208	
490,00	$03v	unid alger, alg	333	unid	-1208	
490,00	$04d	unid riviere au renard, can	37	unid	-1208	
490,00	c/o	portpatrick radio, g	750	fec	-109	
490,00	ctv251/g	monsanto radio, por	500	fec	-109	
490,00	d	riviere-au-renard radio, can	438	fec	-209	french
490,00	d	antalya turk radio, tur	33	fec	-209	turkish
490,00	ddh51/l	pinnemberg meteo, d	150	fec	-309	av/wx
490,00	e	saudanes radio, isl	444	fec	-209	icelandic
490,00	e	cross corsen, f	448	fec	-109	
490,00	ear/w	la coruna radio, e	2340	fec	-309	nw/wx 0340nw/wx
490,00	eav/m	cabo de la nao radio, e	2204	fec	-209	spanish
490,00	frc/e	pointe corsen/plouarzel, f	40	fec	-109	nw/wx
490,00	frl/s	cross la garde toulon, f	2300	fec	-109	nw/wx 0300 nw/wx
490,00	gni/i/t	niton radio, g	520	fec	-109	
490,00	j	horta radio, por	130	fec	-209	in portuguese
490,00	k	grindavik radio, isl	544	fec	-209	icelandic
490,00	l	hamburg radio, d	550	fec	-109	
490,00	s	iqaluit radio, can	300	fec	-209	in french
490,00	t	tarifa radio, e	320	fec	-209	spanish
490,00	taf/a	samsun turk radio, tur	8	fec	-209	in turkish
490,00	tah/b	istambul radio, tur	410	fec	-309	nw/wx 0010 nw/wx
490,00	tal/d	antalya radio, tur	30	fec	-109	nw/wx 'antalya turk radio'
490,00	tan/c	izmir turk radio, tur	24	fec	-209	in turkish
490,00	tfa/rk	reykjavik radio via grindavik, isl	540	fec	-109	
490,00	u	cullercoats radio, g	720	fec	-109	
490,00	utt/x	odessa radio, ukr	350	fec	-309	av/wx
490,00	vco/j	canadian coast guard sydney, can	255	fec	-309	nw fra
490,00	w	coruna radio, e	2340	fec	-209	spanish
490,00	yqi/l	contstanta radio, rou	150	fec	-109	nw 'aviz de navigatie nr,1'
499,30	pat	600m special event pirate "pat", irl	2220	cw	-109	hny-beacon "hny pat"
501,00	gi4dpe	600m experimental station 'derry, g	1621	cw/hell	-1208	cw & hell beacon "gi4dpe"
502,00	gw3uep	experimental station beacon	1947	cw	-409	de gw3uep dash
503,70	g4jnt	ham amateur kent, g	1849	cw	-309	uk50 beacon at h+04 h+19 h+34 h+4 9
517,00	ard	ndb arad, rou	238	cw	-109	
517,00	jbr	ndb jaszbereny, hun	2230	cw	-409	audible on fec frequency
518,00	4xo/p	haifa radio, isr	25	fec	-109	
518,00	5ba/m	nicosia radio, cyp	2200	fec	-109	nw/wx
518,00	7ta/b	algiers radio, alg	10	fec	-309	weather forecast fromm,t,o algiers
518,00	9as/q	split radio	2240	fec	-109	id q rig info
518,00	9hd/o	la valletta radio, mlt	2220	fec	-109	nw/wx 0220,0620 nw/wx
518,00	a9m	hamala radio, bhr	12	fec	-109	navtex
518,00	ard	ndb arad, rou	2304	cw	-309	audible between fec skeds
518,00	b	bodoe radio, nor	412	fec	-109	

518,00	ctv/r	monsanto radio, por	2250	fec	-209	nav warnings stepped on by ddh51 at 23 00
518,00	d	faroe islands, dnk	2030	fec	-109	
518,00	d	curuna radio, e	30	fec	-109	
518,00	ddh51/s	pinnemberg meteo, d	300	fec	-109	nw/wx '100300 fec-hamburg ncc)'
518,00	ddh51/s	deutscher wetterdienst via pinneberg, d	2300	fec	-209	nav warnings
518,00	eal	las palmas radio, e	120	fec	-209	coastal warnings
518,00	ear/d	la coru¤a radio, e	31	fec	-309	coastal warnings
518,00	eav/x	cabo de la nao radio, e	2354	fec	-109	id x coastal warning
518,00	ejk/w	irish coast guard valentia, irl	2340	fec	-309	weather and mibs in english
518,00	ejk/w	valentia coast guard, irl	2341	fec	-109	id w high seas bulleting for metarea
518,00	ejm/q	malin head radio mrsc, irl	2245	fec	-209	ends meteo
518,00	ejm/q	irish coast guard malin head, irl	2320	fec	-309	nw malin head cg radio /ejm
518,00	esa/u	tallinn radio, est	2320	fec	-409	finnish nav warn
518,00	f	arkhangelsk radio, rus	2355	fec	-109	
518,00	frc/a	pointe corsen/plouarzel cross corsen, f	0	fec	-109	nw/wx 0400 nw/wx
518,00	frl/w	cross la garde toulon, f	2345	fec	-409	avurnavs
518,00	gcc/g	cullercoates radio, g	2050	fec	-109	id, g gale warning
518,00	gni/k/e	niton radio, g	140	fec	-309	nw
518,00	gpk/o	portpatrick radio, g	357	fec	-209	id o gale warning
518,00	h	harnosand radio, s	110	fec	-109	
518,00	i	varberg radio, s	520	fec	-109	
518,00	iar/r	rome radio, i	2255	fec	-109	id r coastal warning
518,00	idc/t	cagliari radio, i	2316	fec	-209	coastal warnings for sardinia
518,00	iqa/v	augusta radio, i	2330	fec	-109	nw/wx 0330 nw/wx
518,00	iqx/u	trieste radio, i	2320	fec	-109	nw/wx 0320 nw/wx
518,00	lfo/n	orlandet radio, fin	211	fec	-209	id n nav wrng
518,00	lgq/l/k	rogaland radio, nor	2152	fec	-409	wx forecast
518,00	lzw/j	varna radio, bul	530	fec	-109	nw/wx
518,00	m	cyprus radio, cyp	2200	fec	-109	
518,00	nmb/e	us coast guard savannah, usa	456	fec	-309	nav warnings
518,00	noj/j	us coast guard kodiak, usa	701	fec	-309	nav warnings and weather
518,00	ost/t/m	oostende radio, bel	2300	fec	-209	mibs
518,00	oxj/d	torshavn radio, dnk	1630	fec	-209	nav wrng abt gunnary practice
518,00	pkb/p	dutch coast guard den helder, hol	230	fec	-409	wx forecast/navwarn
518,00	r	italian coast guard roma, i	250	fec	-109	
518,00	sdj/j	stockholm/gislovshammar radio, s	130	fec	-309	nw/wx
518,00	suh/n	alexandria radi, egyo	210	fec	-109	nw/wx
518,00	svh/h	iraklion radio, grc	110	fec	-109	nw/wx
518,00	svk/k	kerkyra radio, grc	540	fec	-109	
518,00	svl/l	limnos radio, grc	2150	fec	-109	nw/wx 0150 nw/wx
518,00	taf/e	samsun radio, tur	38	fec	-309	weather
518,00	tah/d/b	istanbul turk radio, tur	30	fec	-109	
518,00	tal/f	antalya radio, tur	50	fec	-109	nw/wx 'antalya turk radio'
518,00	tan/i	izmir radio, tur	120	fec	-109	nw/wx 'izmir turk radio'

518,00	tfa/r/x	reykjavik radio, isl via saudanes	2250	fec	-109	wx from the icelandic meteo office
518,00	tfk/x	greenland radio via grindavik	2350	fec	-109	id x gale warning
518,00	udn/a	novorossiysk radio, rus	2300	fec	-309	nw/wx
518,00	ujb/w	astrakhan radio, rus	2340	fec	-109	nw/wx 'astrakhan 386 ~astrakan radio'
518,00	uui/c	odessa radio, ukr	2025	fec	-209	nw/wx
518,00	vck	canadian coast guard riviere-au-renard, can	420	fec	-109	wx zczc ca06 010426
518,00	vco	canadian coast guard sydney, can	246	fec	-309	id q ice mgs
518,00	vok/x	canadian coast guard labrador, can	2357	fec	-309	weather in english
518,00	von/o	canadian coast guard st. john's, can	2220	fec	-209	wx
525,00	wrw	ndb wroclaw, pol	1934	cw	-309	
531,00	---	alger chaŒne 1, el ain beida, alg	10	am	-509	600kw: 24h
531,00	---	radio nacional 5 various, e	2	am	-509	10kw:
540,00	---	onda cero radio catalu¤a barcelona, e	24	am	-509	50kw: local programmes
549,00	---	deutschlandfunk various, d	1911	am	-509	100kw: 24h news/politic // 6190khz
558,00	---	spectrum radio crystal palace, g	1923	am	-509	1kw| 24h asian programming
567,00	---	rai radio 1 various, i	1931	am	-509	20/60kw: 0500-2300 regional programmes
576,00	---	radio nacional 5 palau de plegamans, e	45	am	-509	100kw: 0800-2300
576,00	---	swr cont. radio m�hlacker, d	1951	am	-509	100kw:
585,00	---	radio nacional majadahonda (madrid), e	57	am	-509	600kw:
594,00	---	mdr info various, d	2018	am	-509	90/250kw: 24h foreign language programmes
603,00	---	france info tramoyes (lyon), f	2140	am	-509	300kw: 24h
603,00	---	gold littlebourne, g	2130	am	-509	0.1kw: 24h hits from the 60s/70s/80s
612,00	---	radio nacional various, e	2150	am	-509	10kw: regional px
615,00	om	ndb dab-duc gorm platform, iw	535	cw	-309	
621,00	---	rtbfi waver-overijse, bel	2203	am	-509	300kw: 0400-2215 // 9970 khz
630,00	---	bbc three counties radio luton, g	16	am	-509	0.2kw:
639,00	---	radio nacional various, e	2232	am	-509	10-300kw: regional px
648,00	---	bbc world service orfordness, g	2241	am	-509	500kw: 24h
657,00	---	bbc radio wales wrexham, g	2318	am	-509	2kw: 24h
657,00	---	rai radio 1, various, i	2301	am	-509	25-120kw: 0500- 2300
666,00	---	ser radio barcelona sant boi llobregat, e	2325	am	-509	50kw: regional and local programmes
675,00	---	radio maria lopik, hol	21	am	-509	100kw: religeous programmes
684,00	---	radio nacional dos hermanas (sevilla), e	2348	am	-509	300kw: regional px
693,00	---	bbc radio 5 live various, g	2358	am	-509	1-150kw: 24h
702,00	---	ndr info flensburg, d	2	am	-509	7.5kw:
711,00	---	france info rennes-thourie, f	17	am	-509	300kw: 24h
720,00	---	bbc radio 4 various, g	27	am	-509	0.250-10kw: overnight relay of bbc ws
729,00	---	radio nacional various, e	39	am	-509	10/20/100kw: regional px
729,00	---	bbc essex manningtree, g	800	am	-509	0.2kw:
738,00	---	radio nacional palau de plegamans, e	54	am	-509	600kw: regional px
747,00	---	radio 5 zeewolde (flevoland), hol	105	am	-509	400kw* 24h * 60 kw: 0000-0500
765,00	---	bbc radio essex various, g	953	am	-509	0.004-0.5kw:
774,00	---	bbc radio kent littlebourne, g	1015	am	-509	0.7kw: overnight relay
783,00	---	mdr info leipzig-wiederau, d	2135	am	-509	100kw: 24h

792,00	---	france info limoges-nieul, f	2000	am	-509	300kw: 24h
810,00	---	bbc radio scotland various, g	2014	am	-509	5/100kw:
837,00	---	france info nancy-nomeny, f	2027	am	-509	200kw: 24h
855,00	---	bbc radio norfolk postwick, g	1234	am	-509	2kw: overnight relay of bbc radio 5 live
864,00	---	france bleu paris villebon-sur-yvette, f	2049	am	-509	30kw: 24h
873,00	---	afn power network oberursel-weiákirchen, d	2207	am	-509	150kw: 24h;
873,00	---	ser radio zaragoza casablanca (zaragoza), e	2150	am	-509	25kw:
882,00	---	bbc radio wales various, g	2200	am	-509	1-100kw:
891,00	---	radio 538 hulsberg, hol	1258	am	-509	20kw: current hits
900,00	---	rai radio 1 milano, i	2215	am	-509	600kw: 24h
909,00	---	bbc radio 5 live various, g	1310	am	-509	0.004-200kw:
918,00	---	radio slovenija 1 ljubljana-domzale, svn	2250	am	-509	300kw: 24h exc. mo 2300, tu 0300
927,00	---	radio vlaanderen info wolvertem	1325	am	-509	100kw: 0500v-2230, during winter 24h
945,00	---	france info toulouse-muret, f	2307	am	-509	300kw: 24h
954,00	---	onda cero radio ctra humera (madrid), e	2324	am	-509	50kw:
972,00	---	club asia london, g	1936	am	-609	1kw: 24h to west london
990,00	---	deutschlandradio kultur berlin-britz, d	2338	am	-509	100kw: 24h
1.008,00	---	grootnieuwsradio zeewolde (flevoland), hol	1339	am	-509	200kw: religeous programmes
1.017,00	---	mdr info wolfsheim, d	2359	am	-509	100kw:
1.026,00	---	ser radio various, e	2053	am	-609	5-10kw:
1.035,00	---	kismat radio crystal palace, g	1939	am	-609	1kw: 24h asian orientated programmes
1.044,00	---	ser radio valladolid/san sabastian, e	2314	am	-509	10kw:
1.044,00	---	mdr info wilsdruf, d	2301	am	-509	20kw:
1.053,00	---	talksport various, g	1407	am	-509	1-500kw: sports commentary
1.071,00	---	euskadi irratia bilbao, e	13	am	-509	40kw: may drift up to 1072.9 khz
1.089,00	---	talksport various, g	1407	am	-509	0.004-400kw:
1.098,00	---	radio nacional 5 various, e	2321	am	-509	5/10kw:
1.107,00	---	afn bavaria various, d	2328	am	-509	1-10kw:
1.116,00	---	rai tradio 1 various, i	2058	am	-609	2-20kw:
1.125,00	---	rtbf vivacit, houdeng, bel	1415	am	-509	9.5kw:
1.134,00	---	glas hrvatske rasinovac, hrv	33	am	-509	600kw:
1.152,00	---	gold 1152 langley mill (birmingham), g	1434	am	-509	3kw: 24h
1.161,00	---	magic 1161 am goxhill, g	1442	am	-509	0.350kw: 24h
1.170,00	---	magic 1170 am stockton, g	910	am	-509	0.320kw: hits from 70s/80s/90s
1.179,00	---	ser radio various, e	35	am	-509	10/25kw:
1.179,00	---	radio sweden international solvesberg, s	1952	am	-609	600kw: 1930-2000 russian service
1.197,00	---	absolute radio various, g	44	am	-509	0.2-2kw:
1.206,00	---	france inter bordaux-neac, f	58	am	-509	relay radio canada
1.215,00	---	absolute radio various, g	945	am	-509	0.004-200kw: 24h
1.224,00	---	radio horizont/bulgaria vidin, bul	1958	am	-609	300kw: 1900-2000 bulgarian service
1.224,00	---	cope radio various, e	100	am	-509	5kw:
1.233,00	---	rtbf pure fm rocourt, bel	958	am	-509	4.1kw:
1.242,00	---	france info marseille-cabriŠs-r,altor, f	104	am	-509	150kw: 24h
1.242,00	---	gold hoo st.warburgh, g	1014	am	-509	0.320kw: 24h

1.251,00	---	radio 5/radio 1 hulsberg, hol	1035	am	-509	20kw: 24h
1.269,00	---	deutschlandfunk neum�nster, d	127	am	-509	300kw: 24h news and political // 6190 khz
1.278,00	---	france bleu/france bleu elsass s,lestat, f	154	am	-509	<300kw:
1.287,00	---	ser radio various, e	1950	am	-509	5/10kw:
1.296,00	---	radio nederland wereldomroep ordforness, g	2001	am	-609	300kw: dutch service
1.296,00	---	cope valencia castellar (valencia), e	2021	am	-509	50kw:
1.314,00	---	radio nacional 5 various, e	2200	am	-509	10/20kw:
1.323,00	---	voice of russia, wachenbrunn, d	1942	am	-509	800kw: french
1.332,00	---	hotradio plus nieuwegein, hol	1308	am	-509	0.1kw: 24h
1.341,00	---	bbc radio ulster lisnagarvey, g	2013	am	-509	100kw:
1.341,00	---	magyar katolikus radio various, hng	2009	am	-609	135/150kw: religeous programmes
1.350,00	---	radio orient nice, f	2012	am	-609	10kw: in french and arabic
1.359,00	---	radio nacional madrid, e	2014	am	-609	300kw:
1.359,00	---	gold breeze chelmsford, g	2014	am	-609	0.280kw: 24h classic hits
1.377,00	---	france info lille-camphin en carembault, f	1124	am	-509	300kw: 24h
1.394,00	---	radio tirana/trans world radio fllake, alb	2026	am	-609	500kw: 2015-2100 croatian service
1.404,00	---	france bleu/r corsa frequenza ajaccio, f	2113	am	-509	20kw:
1.413,00	---	radio nacional 5 various, e	2027	am	-609	5-20kw:
1.422,00	---	deutschlandfunk heusweiler, d	2119	am	-509	400kw:
1.431,00	---	gold 1431/1485 manor farm (reading), g	1354	am	-509	0.140kw: 24h good times, great oldies
1.440,00	---	china radio international marnach, lux	2125	am	-509	300/600/1200kw: relayed by rtl radio
1.449,00	---	irib 1/voiri bandar-e-torkaman, irn	2034	am	-609	800kw:
1.458,00	---	sunrise radio brookmans park, g	1359	am	-509	125kw: 24h
1.467,00	---	trans world radio roumoules, f	2200	am	-509	1000kw: english
1.485,00	---	ser radio various, e	2215	am	-509	5/10kw:
1.494,00	---	france info various, f	2227	am	-509	1/4/20kw: 24h
1.503,00	---	bbc radio stoke stoke on trent, g	2058	am	-609	1kw:
1.503,00	---	radio nacional 5 various, e	2038	am	-609	2kw:
1.521,00	---	general arab. prog./call of islam duba, ars	2102	am	-609	2000kw: // 9870 khz
1.530,00	---	bbc essex southend-on-sea, g	900	am	-509	0.150kw: local prog. for southend
1.539,00	---	evangeliums rundfunk mainflingen, d	2105	am	-609	700kw:
1.539,00	---	ser radio various, e	2145	am	-509	5/6kw:
1.557,00	---	france info nice-fontbonne, f	2257	am	-509	150kw: 24h
1.566,00	---	county snd peasmarsh (guildford), g	2313	am	-509	0.750kw: 24h full service
1.575,00	---	ser radio various, e	2233	am	-509	5kw:
1.584,00	---	quality radio utrecht/fort lunetten, hol	1816	am	-509	0.03kw: 24h id also as radio paradijs
1.602,00	---	bbc radio kent rusthall, g	1707	am	-509	0.250kw:
1.602,00	---	ser radio various, e	2138	am	-509	5kw:
1.602,00	---	radio waddenzee pieterburen, hol	1216	am	-609	1kw: 24h
1.625,00	---	dutch pirate "regina radio", hol	2002	am	-509	east part of the netherlands
1.644,00	eal	arrecife radio, cnr	1903	usb	-209	wx/nw
1.650,00	---	dutch pirate "bandiet", hol	2010	am	-509	east part of the netherlands
1.650,00	---	pointe corsen/cross corsen plouarzel, f	1915	usb	-209	wx/nw
1.655,00	---	dutch pirate "ariane", hol	2320	am	-509	east part of the netherlands

1.656,00	eac	chipiona radio, e	1933	usb	-209	wx/nw
1.671,00	sdj	unid	805	usb	-109	eng phone calling with no joy
1.674,00	sdj	stockholm radio stockholm, s	2200	usb	-209	wx/nw
1.677,00	eas	cabo penas radio, e	1903	usb	-209	wx/nw
1.677,00	ejm	malin head radio, irl	2033	usb	-209	wx/nw
1.677,00	ofk	turku radio, fin	2233	usb	-209	wx/nw
1.678,20	---	unid military	2233	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
1.689,00	eal	las palmas radio, cnr	1903	usb	-209	wx/nw
1.698,00	ear	la curana radio, e	1903	usb	-209	wx/nw
1.704,00	eac	tarifa radio, e	1933	usb	-209	wx/nw
1.704,00	oxz	lyngby/roenne radio, dnk	1735	usb	-609	weather report
1.707,00	---	machichaco radio, e	1903	usb	-209	wx/nw
1.710,00	sdj	stockholm/grimeton radio, s	2200	usb	-209	wx/nw
1.728,00	lgn	rogoland/bergen radio, nor	1833	usb	-209	wx/nw
1.734,00	oxz	lyngby/blaavand radio, dnk	2147	usb	-609	wx/nw //1704 1758 2586 khz
1.743,00	---	british coasdt guard stornoway, g	1910	usb	-209	wx/nw
1.750,00	lmr	hopen metro radio, svalbard	2208	usb	-509	english tfc, qsx frequency ?
1.752,00	ejk	valentia radio, irl	2033	usb	-209	wx/nw
1.755,00	eao	palma de mallorca radio, e	1953	usb	-209	wx/nw
1.758,00	oxz	lyngby/roenne radio, dnk	2133	usb	-609	wx/nw //1704 1734 2586 khz
1.763,00	---	unid	2349	usb	-609	tfc duples (russian ?)
1.764,00	eaf	la coruna radio, e	1903	usb	-209	wx/nw
1.767,00	---	fishermen	1851	usb	-109	dutch simplex comms
1.767,00	eao	cabo de gata radio, e	1953	usb	-209	wx/nw
1.771,00	---	fishermen	2112	usb	-609	dutch traffic, simplex
1.779,00	sdj	stockholm/bjur"klubb radio, s	2200	usb	-209	wx/nw
1.785,00	lgz	rogoland/farsund radio, nor	1833	usb	-209	wx/nw
1.797,00	sdj	stockholm/gisl"vshammar radio, s	2200	usb	-209	wx/nw
1.800,20	---	deltafix station bergen, nor	2248	deltafix	-609	2 seconds burst on channel f2
1.806,50	---	deltafix station unst, isl	2242	deltafix	-609	2 seconds burst on channel f2
1.806,50	---	unid	2215	fsk 180/85	-509	bursts every 3 seconds
1.852,00	ipp	palermo radio, i	1705	usb	-109	nw/wx
1.855,00	iqp	san benedetto del tronto radio, i	1705	usb	-109	nw/wx
1.876,00	iqn	lampedusa radio, i	1705	usb	-109	nw/wx
1.877,00	---	fishermen	1446	usb	-109	dutch talking abt fish
1.883,00	---	british coast guard clyde, g	1917	usb	-409	eng naws
1.888,00	ipd	civitavecchia radio, i	2318	usb	-509	italian female robot
1.890,00	pbk	dutch coast guard, hol	2144	usb	-1208	dutch wx
1.894,50	---	deltafix station butt of Lewis, g	2245	deltafix	-609	2 seconds burst on channel f2
1.894,70	---	unid military	2103	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
1.895,00	---	deltafix station seahouses, g	2217	deltafix 226/85	-609	2 seconds burst on channel f2
1.900,00	---	fishermen ?	2220	usb	-609	traffic, duplex
1.915,00	---	german coast guard cuxhaven, d	2056	arq 100/170	-109	tfc ted simplex
1.915,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	2304	arq 100/170	-309	clg/wkgcuxhaven

1.915,00	dial	bms oceanic, d	2157	arq	-409	bei uns ist alles im lot
1.916,70	---	german coast guard kuewaz nordsee, d	2247	arq 100/170	-109	tfc ted simplex
1.916,70	---	german coast guard cuxhaven, d	1957	arq 100/170	-109	weather bulletin in german
1.925,00	---	livorno, radio i	520	usb	-609	av/wx
1.942,40	---	rodvig radio, dnk	2007	qpsk 250/100	-109	gps correction data
1.942,50	---	deltafix Station bjergeborg, nor	2246	deltafix	-609	2 seconds burst on channel f2
2.011,00	8emq	unid russian military ?	2139	cw	-309	
2.011,00	cjm7	unid russian military ?	2104	cw	-309	
2.020,00	---	rus/cis military	119	mpsk-12/usb	-309	encrypted/chipher
2.040,00	---	fishermen	2105	cry-2001	-209	male voices
2.056,00	---	wiluna meteo, aus	2130	usb	-209	wx // 8176 khz
2.064,00	hwn	french navy paris, f	8	fsk 50/850	-609	encrypted
2.070,00	jpq	lithuanian navy hq klaipeda	2049	ale-usb snd	-109	calls probable collective jpnet
2.070,40	dbgz/bp26	bundespolizeiboot "eschwege", d	1611	ale-usb snd	-409	
2.070,40	dlgz/bp21	bundespolizeiboot "bredstedt", d	1628	ale-usb snd	-409	
2.070,40	lezsee	lage- und einsatzzentrum see cuxhaven, d	2301	ale-usb snd	-309	clg bp24
2.070,40	w03	german coast guard ship, d	2040	ale-usb snd	-409	
2.070,40	wspan	wasserschutzpolizeiamt oldenburg, d	2332	ale-usb snd	-109	snd 2070,4 and 3845 khz
2.086,60	---	m51	2212	cw	-609	"N U T 5 J 11 00: 10 : H EO 19 S B T UZX K N"
2.091,00	---	unid	1638	cw	-109	tfc/ gr (n)
2.115,00	---	unid	1713	stanag-4285/600l	-109	encrypted tfc
2.116,00	---	unid	1809	stanag-4285/600l	-209	frame format ?
2.142,50	---	unid military	2040	nato-75 75/170	-209	encrypted/chipher
2.151,50	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	2114	ale-usb snd	-509	connects to lezsee-cuxhaven hq
2.151,50	dbgz/bp26	bundespolizeiboot "eschwege", d	1610	ale-usb snd	-409	
2.151,50	dlgz/bp21	bundespolizeiboot "bredstedt", d	1628	ale-usb snd	-409	
2.151,50	lezsee	lage- und einsatzzentrum see cuxhaven, d	1948	ale-usb snd	-409	on 2151,50 and 2503,50 khz.
2.152,00	---	unid military	2210	nato-100 100/850	-309	encrypted/chipher
2.153,50	---	unid	1710	nato-100 100/850	-109	encrypted/chipher
2.161,00	bcan	unid	2031	cw	-109	clg/wkg "dqai"
2.161,90	---	unid	2030	pactor-2 100/	-209	crypto, burst int ~4s,duration 2- 2.5s
2.163,70	---	deltafix station bergen, nor	14	deltafix 280/800	-609	2 seconds burst on channel f1
2.164,20	---	deltafix station leka, nor	2214	deltafix	-609	2 seconds burst on channel f1
2.169,70	---	unid	721	stanag-4285/600l	-209	encrypted tfc
2.170,00	---	unid	1815	stanag-4285 2400bps	-209	frame format ?
2.182,00	---	malta la velletta rcc, mlt	2003	usb	-209	clg "motopesca ferrato"
2.182,00	---	canadian coast guard fundy, can	316	usb	-309	anmt in french/english
2.182,00	---	palma radio	705	usb	-109	with pan-pan mgs
2.182,00	ofk	turku radio, fin	733	usb	-1208	ann msi on vhf and mw channels
2.182,00	ost	oostende radio, bel	704	usb	-109	ann nav wrng on 2671 khz
2.182,00	vcm	canadian coast guard st anthony, can	634	usb	-209	ann gale warning on 2598 khz
2.187,50	---	mrcc tenerife/las palmas, e	2220	dsc	-106	preliminary call for mib/meteo on 2182 khz.
2.187,50	2050480	oostende radio, bel	2247	dsc	-409	clg 205451000 [ship], bel
2.187,50	2070810	varna radio, bul	108	dsc	-409	clg itself

2.187,50	2091000	cyprus radio, cyp	2110	dsc	-409	clg 273318500 [ship] russian federation
2.187,50	2191000	lyngby radio, dnk	19	dsc	-509	clg 236231000 ship gibraltar
2.187,50	2241021	bilbao radio, e	2252	dsc	-409	clg 249327000 [ship] malta
2.187,50	2241022	coruna radio, e	2255	dsc	-409	clg all ships
2.187,50	2241023	malaga radio, e	36	dsc	-409	clg 247218600 [ship] italy (0409)
2.187,50	2241024	valencia radio, e	2347	dsc	-409	clg 235402000 [ship] united kingdom
2.187,50	2241026	las palmas radio, cnr	16	dsc	-409	clg 210539000 [ship] cyprus
2.187,50	2275300	cross corsen, f	45	dsc	-409	clg 245181000 [ship] netherlands
2.187,50	2275400	cross la garde, f	545	dsc	-409	clg itself
2.187,50	2300230	turku radio, fin	107	dsc	-409	clg group of ships
2.187,50	2302000	helsinki radio, fin	121	dsc	-409	clg 266266000 [ship] sweden
2.187,50	2311000	torshavn radio, fro	1742	dsc	-409	clg 232650000 [ship] united kingdom
2.187,50	2320001	mrsc shetland, g	2326	dsc	-409	clg 235640000 [ship] united kingdom
2.187,50	2320004	mrcc aberdeen, g	2321	dsc	-409	clg 234282000 [ship] united kingdom
2.187,50	2320007	mrsc humber, g	127	dsc	-409	testing with 002320004 mrcc aberdeen
2.187,50	2320017	mrsc milford haven, g	34	dsc	-409	clg mrsc holyhead
2.187,50	2320018	mrsc holyhead, g	107	dsc	-309	clg 246213000 [ship] netherlands
2.187,50	2320022	mrcc clyde, g	449	dsc	-409	clg 372792000 [ship] panama
2.187,50	2320024	mrsc stornoway, g	1953	dsc	-409	clg 232316000 [ship] united kingdom
2.187,50	2371000	olympia radio, grc	2227	dsc	-409	clg 219967000 [ship] denmark
2.187,50	00244200	dutch coast guard, hol	2313	dsc	-409	clg 232560000 [ship] united kingdom
2.187,50	2470001	roma radio, i	2305	dsc	-409	clg 636091000 [ship] liberia
2.187,50	2470002	palermo radio, i	41	dsc	-409	clg 352525000 [ship] panama
2.187,50	2500100	malin head radio, irl	457	dsc	-409	clg 258967000 [ship] norway
2.187,50	2500200	valentia radio, irl	1951	dsc	-409	clg all ships with distress relay
2.187,50	2510100	reykjavik radio, isl	2352	dsc	-409	clg 235007370 [ship] united kingdom
2.187,50	2570100	tjoeme radio, nor	509	dsc	-409	clg itself
2.187,50	2570100	tjome radio, nor	547	dsc 100/170	-1208	qsy to 1665 2090 khz
2.187,50	2570300	rogaland radio, nor	2232	dsc	-409	clg 232952000 [ship] united kingdom
2.187,50	2570500	floroe radio, nor	2315	dsc	-409	clg 259544000 [ship] norway
2.187,50	2570700	bodoe radio, nor	318	dsc	-409	clg 273118000 [ship] russian federation
2.187,50	2570800	vardoe radio, nor	2024	dsc	-409	clg group of ships
2.187,50	2610210	witowo radio, pol	2252	dsc	-409	clg 312205000 [ship] belize
2.187,50	2620001	bar radio, mne	34	dsc	-409	clg 357078000 [ship]
2.187,50	2640570	constanta radio, rou	453	dsc	-409	clg 259916000 [ship] norway
2.187,50	2653000	goteborg radio, s	123	dsc	-409	clg 245180000 [ship] netherlands
2.187,50	2711000	istanbul radio, tur	2234	dsc	-409	clg 305188000 [ship] antigua and barbuda
2.187,50	2712000	samsun radio, tur	2228	dsc	-409	clg 271002689 [ship] turkey
2.187,50	2713000	antalya radio, tur	2029	dsc	-409	clg 271000264 [ship] turkey
2.187,50	2715000	izmir radio, tur	35	dsc	-409	clg 267250000 [ship] slovak republic
2.187,50	2723660	odessa radio, ukr	2254	dsc	-409	clg 567310000 [ship] thailand
2.187,50	2733700	sankt peterburg radio, rus	338	dsc	-409	clg itself
2.187,50	2734411	novorossiysk radio, rus	238	dsc	-409	clg itself
2.187,50	2734414	arkhangelsk radio, rus	240	dsc	-409	clg all ships

2.187,50	2734417	kaliningrad radio, rus	606	dsc	-409	clg itself
2.187,50	2734419	astrakhan radio, rus	49	dsc	-409	clg 273446260 [ship] russian federation
2.187,50	2750100	riga radio rescue, lva	2250	dsc	-409	clg 277320000 [ship] lithuania
2.187,50	3061000	curacao radio, atn	35	dsc	-309	clg 636091046 [ship] liberia
2.187,50	3100001	bermuda harbour radio, ber	525	dsc	-309	clg 311181000 [ship] bahamas
2.187,50	3313000	aasiaat radio, grl	236	dsc	-409	clg itself
2.187,50	3669991	us coast guard boston, usa	324	dsc	-309	clg itself
2.187,50	3669995	us coast guard portsmouth, usa	2308	dsc	-309	clg itself
2.187,50	3669997	us coast guard miami, usa	220	dsc	-409	clg itself
2.187,50	4122100	shanghai radio, chn	1842	dsc	-409	clg 413088000 [ship] china
2.187,50	4122600	fuzhou radio, chn	2001	dsc	-409	clg 412441060 [ship] china
2.187,50	4123100	guangzhou radio, chn	1949	dsc	-309	clg 412186000 [ship] china
2.187,50	4280001	haifa radio, isr	0	dsc	-409	clg 636011913 [ship] liberia
2.187,50	4401003	mokpo police radio, kor	2144	dsc	-309	clg 370322000 [ship]
2.187,50	6052110	algeriers radio, alg	714	dsc	-409	clg itself
2.187,50	6221111	alexandria radio, egy	226	dsc	-409	clg 273450450 [ship] russian federation
2.187,50	6221112	quseir radio, egy	2359	dsc	-409	clg itself
2.187,50	6221113	port said radio, egy	2341	dsc	-409	clg 538001963 [ship] marshall islands
2.187,50	6452700	mauritius radio, mau	44	dsc	-409	clg 477926600 [ship] hong kong
2.187,50	23610700	gib m/t frank chem tanker	1006	unid	-209	safety test with lyngby mrcc
2.187,50	25598200	cargo ship braga	801	dsc 100/170	-109	relaying distress call from 576623000
2.187,50	25703000	rogaland mrcc, nor	1320	unid	-209	
2.187,50	26966800	saf marine angela, swi ?	1408	unid	-209	
2.187,50	elns5	m/v ensco, lbr	2011	dsc	-109	saftey test with pbk-netherlands
2.187,50	gnd	coastguard aberdeen scotland, g	34	dsc	-109	safety bq to c6kq7-dea server bha
2.187,50	lanl4	m/v mornes, nor	2102	dsc	-109	safety rq to mrcc g"teborg sab who bqs
2.187,50	lbhb	m/v senja, nor	2103	dsc	-109	safety rq to mrcc g"teborg sab
2.187,50	ojlr	m/v runner, fin	2102	dsc	-109	safety rq to mrcc turku ofk
2.187,50	ouxg2	m/v esvagt kappa, dnk	35	dsc	-109	safety rq to mrcc aarhus/bremen
2.187,50	phgs	m/v conceiver, hol	2222	dsc	-409	safety rq to mrcc aarhus/bremen who respond
2.187,50	slzu	m/v prospero, s	2221	dsc	-409	safety rq to mrcc oostende.
2.187,50	zdek3	m/v louise russ, g	2222	dsc	-409	safety rq to mrcc aarhus/ bremen
2.187,50	zqfc6	m/v ocean swift, g	1955	dsc	-109	test rq to aberdeen coastguard scotland
2.191,00	---	unid	1929	stanag-4285 2400bps	-209	frame format ?
2.191,20	---	unid military	2043	stanag-4285 600l/5n1/usb	-209	continuos tfc kry
2.202,00	---	rus/cis military	1832	mpsk-12/usb	-1208	encrypted/chipher
2.207,00	---	unid	1941	stanag-4285 2400bps	-209	frame format ?
2.207,20	---	unid	1934	stanag-4285 2400bps	-209	frame format ?
2.212,60	---	unid	2249	cw	(0609	5fgs
2.215,00	twva1	guardia civil avila, e	2303	ale-usb snd	-509	clg "txx2"
2.215,00	twvs2	guardia civil salamanca, e	1840	ale-usb snd	-509	clg "twva2"
2.215,00	txx2	guardia civil madrid, e	2303	ale-usb snd	-509	clg "twva2"
2.216,00	xjh	unid dhfcs station	2114	ale-usb snd	-509	6 seconds of fast modem activity
2.216,00	xss	dhfcs forest moor, g	2248	ale-usb snd	-509	clg "xld" fm 2242 to 0422 snd every 30 min

2.217,00	---	unid	2045	fsk 100/150	-209	encrypted/chipher
2.217,30	xss	defence hf communications service, g	1857	ale-usb snd	-309	2216 and 2217,30 khz
2.220,50	kzwk	unid	1706	cw	-209	
2.224,10	---	unid	1749	fsk 300/200	-309	encrypted/chipher
2.225,50	---	unid	1723	cw	-109	gr n)
2.226,00	---	british coast guard aberdeen, g	1942	unid	-209	eng
2.226,00	---	british coast guard humber, g	33	usb	-609	english wx/nw
2.230,20	---	unid military	2214	stanag-4285/600l/5n1/usb	-209	send kg84 msgs
2.233,00	---	rus/cis military	1834	81-81 81/200	-1208	encrypted/chipher
2.259,00	---	unid military	2340	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
2.274,60	---	unid military	2343	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
2.306,00	---	unid	2002	unid	-209	
2.317,00	---	unid rus/cis military	1750	lsb	-209	russian tfc duplex
2.323,20	---	unid military	2050	stanag-4285 1200l/5n1/usb	-209	continuostfc kry
2.336,20	---	unid	2058	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.345,00	---	rus/cis military	440	mpsk-12/usb	-409	encrypted/chipher
2.348,00	---	rus/cis military	747	mpsk-12/ms-5/usb	-109	encrypted/chipher
2.350,00	---	unid ?	1816	usb	-309	russian ? ukran ? d/x
2.350,50	ica	italian navy ancona, i	1951	usb	-109	italian voice coordination of stanag 4285
2.350,50	idr	italian navy roma, i	1753	usb	-209	tfc ita/ing
2.350,50	td	italian navy ship, i	1753	usb	-209	wkg idr
2.351,00	---	unid cis navy	1933	81-81 81/250	-509	
2.356,00	---	fishermen	1838	usb	-609	dutch talk about fishingboats
2.358,00	---	unid polish military	1713	usb	-109	polish traffic
2.369,00	---	unid croatian ?	1958	usb	-109	croat yl / sporadic
2.373,20	---	military	445	stanag-4285/usb	-409	encrypted/chipher poor synch
2.379,60	---	unid	727	stanag-4285/600l	-209	encrypted tfc
2.391,00	---	unid	2009	unid	-209	dutch
2.393,50	---	m51	1739	cw	-109	5 fgs new mgs started at 17:50
2.405,00	---	eur simplex	1807	usb	-109	unid east eur male/male comms, intership?
2.412,00	---	fishermen	607	usb	-409	eng d/x
2.414,00	---	unid rus/cis military	2110	usb	-109	russian fraffic duplex
2.414,00	---	unid rus/cis military	2111	mpsk-12/usb	-109	encrypted/chipher
2.415,00	---	unid	2012	stanag-4285 2400bps	-209	
2.415,20	---	unid	729	stanag-4285/600l	-209	encrypted tfc
2.423,20	---	unid	2006	stanag-4285 2400bps	-209	1200l crypto
2.433,00	---	unid rus/cis	1752	rus-75 75/250	-309	encrypted/chipher
2.435,00	---	rus/cis military	1838	mpsk-12/usb	-1208	encrypted/chipher
2.446,00	taranto	italian guarfi taranto, i	2056	ale-usb snd	-109	calls bovienzo
2.451,50	unid0646 ale-	usb snd				
2.454,20	---	unid military	449	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
2.456,00	art	mossad tel aviv, isr	2005	usb	-109	5l grouped msg
2.460,50	3by	unid military	2355	usb	-309	clg/wkg "6pk"

2.460,50	3wx		unid military	1	usb	-309	wkg "g6f"
2.460,50	6pk		unid military	2355	usb	-309	wkg "3by"
2.460,50	g6f		unid military	1	usb	-309	clg/wkg "3wx"
2.461,50	0a		irish navy haulbowline, irl	1955	arq 100/170	-309	wkg"10"
2.461,50		10	irish navy ship	1955	arq 100/170	-309	clg/wkg "0a"
2.461,50		23	irish navy ship	14	arq 100/170	-309	clg/wkg "0a"
2.461,50	nc_?		irish navy	2035	arq	-309	w cvxt? pt48 unid irish ship
2.463,00	idr		italian navy rome, i	53	rtty 75/850	-609	//idr3i 0 /idr2i 0 /idr8i 0 //
2.468,60	---		unid	733	stanag-4285/600l	-209	encrypted tfc
2.468,70	---		unid	2056	cis-12 ? 2400bps	-209	pilot 3300 hz ?
2.474,00	pbb		dutch navy den helder, hol	57	rtty 75/850	-609	carb "02a 04b 06a 08b 12a 16y pbb"
2.484,00	osu		oostende radio, bel	2053	usb	-209	tlf
2.500,00	rjh63		unid time signal	1106	cw	-1208	
2.503,50	dbgz/bp26		bundespolizeiboot "eschwege", d	1610	ale-usb snd	-409	
2.503,50	dlgz/bp21		bundespolizeiboot "bredstedt", d	1628	ale-usb snd	-309	
2.505,00	---		unid rus/cis military	1819	fsk 100/250	-109	encrypted/chipher
2.506,70	---		german coast guard, d	2103	arq 100/170	-109	tfc ted simplex
2.514,00	---		canada coast guard, can	600	usb	-409	eng om
2.521,70	---		unid	1951	fsk 75/850	-609	encrypted/chipher
2.521,70	---		unid military	1822	nato-75 75/850	-109	encrypted/chipher
2.523,00	---		unid military	1757	stanag-4285 600l/5n1/usb	-309	continuos tfc kry
2.525,00	---		unid russian telephone call	1900	usb	-1208	comms male/male
2.530,60	---		unid military	1824	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.533,00	---		fisherman	1830	usb	-109	dutch talking about fish
2.533,70	---		unid	1946	stanag-4285 2400bps 600l/5n1	-209	encrypted/chipher
2.549,70	---		unid military	1833	stanag-4285/600l	-109	encrypted tfc
2.559,00	dlgz/bp21		bundespolizeiboot "bredstedt", d	1627	ale-usb snd	-309	
2.560,50	---		unid	1948	stanag-4285 2400bps	-209	1200l
2.568,90	---		unid military	2348	stanag-4285/600l/5n1/usb	-509	send short kg84 msgs
2.569,50	---		unid	2014	cw	-609	5 fgs
2.572,50	ctu5		portuguese navy monsanto, por	1828	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.579,00	ipb		bari radio, i	1957	unid	-209	italian female robot
2.579,20	---		unid military	2055	stanag-4285 600l/5n1/usb	-209	continuostfc kry
2.581,20	---		unid	1839	stanag-4285/600l	-109	encrypted tfc
2.586,00	---		lyngby/roenne radio, dnk	2133	usb	-209	wx/nw //1704 1734 1758 khz
2.587,60	---		unid	1933	stanag-4285/600l	-109	encrypted tfc
2.590,60	pbc		dutch navy goeree, hol	2121	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.591,60	---		unid	1937	stanag-4285/600l	-109	encrypted tfc
2.598,00	---		canadian coast guard st. lawrence, can	2137	usb	-209	wx/ice
2.598,00	vcp		canadian coast guard placentia, can	737	usb	-109	weather and forecast for newfoundland
2.598,00	vok		canadian coast guard cartwright, can	2037	usb	-209	wx/nw
2.598,00	von		canadian coast guard st john, can	712	usb	-1208	yl ending bulletin
2.598,00	xss		dhfcs forest moor, g	2312	ale-usb snd	-509	snd fm 2312 to 0252 snd every 30 min
2.600,00	iqq		mazara del vallo radio, i	1830	usb	-109	av ita

2.601,00	---	unid	2046	stanag-4285	-209	encrypted/chipher
2.608,40	fuo2/rfflre	french navy toulon, f	2125	stanag-4285/600l/5n1/usb	-109	ry+sg+test french foxes
2.613,60	---	unid	750	stanag-4285/600l	-209	encrypted tfc
2.618,50	gfe25	bracknell meteo, g	2331	fax 120/576	-509	strong signal but no decode
2.618,50	gya	royal navy london, g	2050	fax 120/800! ioc 576	-209	
2.622,00	---	unid military	1832	nato-100 100/850	-109	encrypted/chipher
2.623,10	dhj59	german navy wilhelmshaven/sengwarden, d	2022	usb/stanag	-309	eng w dran augsburg 120 fregate
2.624,00	---	rhodos radio, grc	2133	usb	-209	wx/nw
2.624,00	iqx	trieste radio, i	1950	usb	-209	wx
2.625,00	9hd	la valletta radio, mlt	2103	usb	-209	nw
2.628,00	iqa	augusta radio, i	2120	usb	-109	nw/wx
2.632,00	iqh	napoli radio, i	2120	usb	-109	nw/wx ita
2.632,20	---	unid	2016	stanag-4285	-209	frame format ?
2.638,60	---	unid	2027	stanag-4285	-209	frame format ?
2.642,00	icb	genova radio, i	2125	usb	-109	nw/wx ita
2.643,00	a9m	hamala radio, bhr	2042	arq-cw	-309	marker
2.646,00	---	fishermen ?	2004	usb	-109	dutch intership simplex male/male comms
2.647,20	---	unid military	1959	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
2.651,60	---	saudi air force, ars	2222	br6028/arq-e 46,1/170/6ch/usb	-209	idle on both ch.
2.654,00	---	unid station	1911	cw	-1208	5fgs very weak signoff 1916 with "end"
2.655,00	avrora	volgograd air, rus	2110	usb	-209	clg/wkg"shpora" 2111 clg/wkg "torba"
2.655,00	jer	saudi arabian air force, ars	2130	ale-usb snd	-209	clg "rgp"
2.655,00	rgi	saudi air force, ars	2315	ale-lsb	-509	clg "jdi" 2327,2333 clg "jdi"
2.655,00	shpora	rostov na donu air, rus	2110	usb	-209	wkg"avrora"
2.655,00	torba	saratov air, rus	2111	usb	-209	wkg "avrora"
2.656,00	ipa	ancona radio, i	2029	unid	-209	italian female robot
2.657,00	---	portuguese navy porto santo, mdr	2135	usb	-209	wx/nw
2.657,00	---	portuguese navy horta, azr	2135	usb	-209	wx/nw
2.657,00	ctv	portuguese navy monsanto, por	2117	usb	-1208	port eng yl naws wx
2.657,00	nc_?	portuguese navy unid station	1831	usb	-309	
2.658,10	oua04	danish navy aarhus, dnk	2122	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.661,60	---	saudim arabian air force, ars	2132	br6028/arq-e 46,1/170/7ch/usb	-109	idle on both ch#
2.663,00	ipc	crotone radio, i	2130	usb	-109	nw/wx ing
2.665,00	---	unid	1828	usb	-309	vocoder tfc simplex
2.680,00	4xz	israeli navy haifa, isr	2217	cw	-209	vvv de
2.680,00	idc	cagliari radio, i	2104	usb	-609	yl ends mib bcast
2.682,00	---	deltafix station unst, isl	29	deltafix	-609	2 seconds burst on channel f1
2.684,00	---	unid rus/cis military	1837	rus-75 75/200	-109	encrypted/chipher
2.686,00	---	unid	1848	cw	-1208	gr (a)
2.692,00	---	unid rus/cis military	2115	mpsk-12/usb	-209	encrypted/chipher
2.698,60	---	unid military	2224	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
2.704,00	---	rus/cis military	2016	ms-5/at3004d/dpsk/usb	-109	in traffic
2.705,00	xls	defence hf comm service ncs forest moor, g	1535	ale-usb snd	-309	clg xss
2.705,00	xss	defence hf comm service ncs forest moor, g	1535	ale-usb snd	-309	clg xls

2.706,50	---	unid	2122	fsk 100/170	-309	encrypted/chipher
2.719,00	izn	porto torres radio, i	2130	usb	-109	nw/wx ita
2.720,00	sps	witowo radio, pol	2135	usb	-109	nw/wx
2.721,00	rea4	russian air force hq moscow, rus	2224	cw	-309	ook-50/sec idling betweenh+40 skeds
2.722,00	---	unid	1711	cw	-109	tfc
2.723,20	---	unid	2035	stanag-4285	-209	frame format ?
2.729,00	---	unid	1920	usb	-109	dutch intership simplex comms
2.730,00	---	olympia/limnos radio, grc	2133	usb	-209	wx/nw
2.733,00	---	stockholm/h„rn"sand radio, s	2200	usb	-209	wx/nw
2.734,00	rfp	saudi air force, ars	2117	ale-usb snd	-209	clg "jcp"
2.737,00	rea4	russian air force hq moscow, rus	2022	cw	-109	dots at 50/sec idling between skeds
2.743,00	ulx2	mossad tel aviv, isr	2137	usb	-109	gr (a) ing
2.744,00	---	rus/cis military	2116	ms-5/at3004d	-209	in traffic sends qrj ?
2.745,00	---	unid rus/cis military	2226	rus-75 75/200	-209	encrypted/chipher
2.745,10	---	unid	2129	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
2.748,00	---	constantza radio, rou	1933	usb	-209	wx/nw
2.748,80	6cdhk	unid	1754	cw	-109	hand tx, lots of "eeee" and "qsa?, cq
2.749,00	---	canadian coast guard riviere au renard, can	800	usb	-109	fr bulletin
2.749,00	vco	canadian coast guard sydney, can	757	usb	-109	weather in canadian french
2.749,00	vcs?	canadian coast guard halifax, can	558	usb	-409	eng
2.752,50	---	unid	1720	rus-75 75/250	-209	encrypted/chipher
2.752,60	---	unid	2132	stanag-4285/usb	-109	continuos tfc kry poor synch
2.752,90	navy684	unid	1831	usb	-209	clg pfc inbound l10a
2.752,90	pfc	nas de kooy, hol	1755	usb	-209	w/w navy 668 mgs in dutch
2.753,00	---	dutch navy amsterdam, hol	1955	usb	-209	dutch traffic
2.753,00	---	unid	1958	cis-75 75/200	-209	encrypted/chipher
2.755,70	---	unid	2042	fsk 75/850	-209	encrypted/chipher
2.755,70	---	unid military	2228	nato-75 75/850	-209	encrypted/chipher
2.756,20	---	unid	2049	stanag-4285	-209	
2.761,00	osu	oostende radio, bel	1845	usb	-509	eng / hol naws
2.761,00	oxu	oostende radio, bel	1839	usb	-509	navigational warnings
2.766,00	---	unid	802	stanag-4285/1200l	-209	encrypted tfc
2.777,00	---	unid rus/cis	2125	rus-75 75/200	-309	encrypted/chipher
2.782,00	---	unid	128	lsb	-309	russian tfc duplex
2.784,00	xss	defence hf comm service	758	ale-usb snd	-1208	
2.786,00	4i8t	ukranian military	1923	cw	-309	qtc for unid 4i8t
2.789,00	fue/rffke	french navy brest, f	805	stanag-4285/600l/rtty	-209	vzczcabc001 all de fue testing
2.789,00	idf	messina radio, i	2145	usb	-109	nw/wx ita
2.794,20	---	unid	721	stanag-4285/600l	-209	encrypted tfc
2.799,00	---	olympia/iraklion radio, grc radio	2133	usb	-209	wx/nw
2.799,00	svo/svh ?	unid	2137	usb	-309	greek yl
2.800,00	---	fishermen	2329	usb	-609	english tfc, duplex
2.802,00	---	unid rus/cis military	2230	rus-75 75/250	-209	encrypted/chipher
2.803,00	---	prob israeli navy station	1721	usb/ser,tone hybrid modem	-109	

2.804,20	idr	italian navy roma, i		1953	stanag-4285/300l/5n1/usb	-209	idle
2.804,20	igj41	italian navy augusta, i		1959	stanag-4285/600l/5n1	-209	idr2/igj42go/igj43/idr8/idr3/igj41
2.810,00	---	turku radio, fin		1838	usb	-409	eng wx dont icing situation
2.815,00	bzl26	unid		2000	fsk 50/850	-509	synch bitstream, encrypted txt
2.822,00	stme	unid		2232	cw	-209	clg/wkg "9nui"
2.822,20	---	unid		2132	stanag-4285/600l/5n1/usb	-109	send kg84 msgs
2.830,00	---	olympia/kerkyra radio, grc		2133	usb	-209	wx/nw
2.833,20	---	unid		1517	stanag-4285/600l	-109	encrypted tfc
2.834,00	---	deltafix station seahouses, g		39	deltafix	-609	2 seconds buirst on channel f1
2.842,00	---	unid military		1825	nato-100 100/850	-309	encrypted/chipher
2.843,00	fav22	french army mont valerien, f		504	cw	-409	gr (a)
2.844,00	---	nato tadil modem		2304	link-11/isb 2 channels	-209	or frequency diverstity usb/lsb
2.845,00	pbh	dutch navy den helder, hol		1849	rtty 75/850	-109	availability '02b 04a 06b 08a pbh'
2.850,00	---	fishermen		2007	usb	-209	dutch tlks abt fish catch
2.855,00	---	unid		126	usb	-309	russian tfc duplex
2.860,00	---	unid atc		1836	usb	-409	eng yl too weak
2.860,00	---	unid		124	usb	-309	russian tfc female voice
2.860,00	rdara	unid ?		2009	usb	-509	eastern lang? yl regular
2.860,00	xf	unid rdara ?		1920	usb	-509	yl eng sporadic and modem short burst ?
2.872,00	---	shanwick/shannon, irl		1955	usb	-209	wkg "019"
2.880,00	---	unid		2341	usb	-609	typical russian garbled usb
2.899,00	---	gander radio, can		335	usb	-109	tfc ing/selcall
2.899,00	reach__ elhm	dc10 n630ax oae		605	usb	-409	wkg gander
2.903,00	---	unid		2139	fsk-cw 200hz	-309	4940 38193 = 58 k and gone
2.935,00	p2z10	us army, irq		0	ale-usb snd	-109	[this was] p2z10@ [this was] p2z10
2.935,00	t10cab	us army, irq		0	ale-usb snd	-109	[this was] t10cab [this was] t10cab
2.935,00	t1z10	us army, irq		0	ale-usb snd	-109	[this was] t1z10@ 10@ [this was] t1z10@
2.935,00	t3z10	us army, irq		0	ale-usb snd	-109	[this was] t3z10@ [this was] t3z10@
2.935,00	t66cav	us army, irq		0	ale-usb snd	-109	[this was] t66cav [this was] t66cav
2.941,00	---	rostov na donu volmet, rus		1725	usb	-109	russian wx
2.941,00	---	unid rostov/moskva volme, rus		1758	usb	-209	wx rpt
2.952,00	---	unid military		2235	nato-100 100/850	-209	encrypted/chipher
2.962,00	---	santa maria radio, azr		408	usb	-309	wkg var airliners for selcal check.
2.965,00	---	bangkok volmet, tha		1940	usb	-209	wx
2.968,60	---	unid		759	stanag-4285/600l	-209	encrypted tfc
2.970,00	---	fisherman		1755	usb	-209	dutch talk abt fish catch
2.971,00	---	gander radio, can		410	usb	-309	wkg var airliners
2.971,00	---	shanwick/shannon, irl		346	usb	-109	wkg "alitalia 309"
2.971,00	bhmp	g-civl 747 speedbird4		442	usb	-409	w/shanwick
2.971,00	bsmq	g-vwow 747 virgin42		447	usb	-409	w/shanwick
2.998,00	---	shanwick/shannon air, irl		354	hfdl	-109	squitters
2.998,00	cs-tfw	hi-fly a340 flt 5k0102		42	hfdl	-109	posrep via shannon 3724n 00000e/w
2.998,00	lx0288	swiss flight		2241	hfdl	-209	wkg shannon

3.000,00	---	unid irish maritime net ?	2110	usb	-109	eng d/x
3.010,00	---	unid military	2059	stanag-4285/600l/5n1/usb	-409	send blank msgs [som] no text [eom]
3.012,00	---	unid	2142	nato-100 100/850	-109	encrypted/chipher
3.016,00	---	shanwick/shannon air nat-c, irl	337	usb	-109	wkg "canadian826"
3.029,00	fuo	french navy toulon, f	600	usb	-209	encrypted/chipher simplex
3.035,00	rh13	algerian national guard, alg	2114	ale-usb snd	-309	clg "zt10"
3.035,00	rh15	algerian national guard, alg	2116	ale-usb snd	-309	clg "rh13"
3.035,00	rh22	algerian national guard, alg	2125	ale-usb snd	-309	clg "zt10"
3.035,00	zt10	algerian national guard, alg	2114	ale-usb snd	-309	clg "rh13"
3.038,40	---	unid military	2233	nato-100 100/850	-209	encrypted/chipher
3.043,50	---	swiss airforce, sui	751	vft/100/170 2-channel	-109	crypto traffic in // 3044,50
3.044,50	---	swiss air force	2122	fsk 100/180	-209	in vft encrypted
3.050,00	hotel/india	italian navy tracking net	128	usb	-209	voice
3.052,50	---	fishermen ?	1523	usb	-109	unid male/male simplex qso french
3.065,50	---	nato tadil modem	2226	link-11 slew/usb 8-phase dspk mode	-309	variant
3.071,00	mkl	royal air force northwood via inskip, g	2024	usb	-509	calling 5ux no contact
3.088,00	---	nato tadil modem	2222	link-11/usb single channel device	-309	
3.090,00	---	unid	2056	fsk 75/850	-609	same starting patern as 2815 khz "bzl26"
3.100,20	---	unid	32	usb	-609	typical russian garbled usb
3.101,00	---	fishermen	1523	usb	-109	unid male/male simplex qso french
3.105,00	---	unid	312	ale-usb snd	-409	encrypted/chipher link protected simplex
3.125,70	---	unid	33	usb	-609	typical russian garbled usb
3.127,00	---	us navy, usa	654	nato-75 75/850	-109	encrypted/chipher
3.133,00	naa	us navy cutler, usa	753	nato-75 75/850	-109	crypto traffic
3.137,00	nrr	us navy jnr roosvelt roads salinas ab, prt	604	ale-usb snd	-109	
3.146,00	idr	italian navy roma, i	613	usb	-209	clg/wkg "2zi" simplex
3.150,00	pcd	mossad tel aviv, isr	1902	usb	-109	sat usb into 5l tfc
3.150,00	pcd2	mossad tel aviv, isr	2231	usb	-209	gr (a)
3.155,00	1102	marrocain dispatch centre, mrc	313	ale-usb snd	-309	
3.155,00	1103	marrocain dispatch centre, mrc	2210	ale-usb snd	-109	
3.155,00	11031	marrocain dispatch centre, mrc	243	ale-usb snd	-309	
3.155,00	11043	marrocain dispatch centre, mrc	330	ale-usb snd	-309	
3.155,00	1106	marrocain dispatch centre, mrc	406	ale-usb snd	-309	
3.155,00	11063	marrocain dispatch centre, mrc	210	ale-usb snd	-109	
3.155,00	11064	marrocain dispatch centre, mrc	159	ale-usb snd	-109	
3.155,00	1107	marrocain dispatch centre, mrc	358	ale-usb snd	-109	
3.155,00	1109	marrocain dispatch centre, mrc	324	ale-usb snd	-109	
3.155,00	11113	marrocain dispatch centre, mrc	43	ale-usb snd	-409	
3.155,00	1112	marrocain dispatch centre, mrc	302	ale-usb snd	-109	
3.155,00	1113	marrocain dispatch centre, mrc	2314	ale-usb snd	-109	
3.155,00	11143	marrocain dispatch centre, mrc	2232	ale-usb snd	-109	
3.155,00	1116	marrocain dispatch centre, mrc	2306	ale-usb snd	-309	
3.155,00	1117	marrocain dispatch centre, mrc	312	ale-usb snd	-309	
3.155,00	1118	marrocain dispatch centre, mrc	128	ale-usb snd	-409	

3.155,00	1119	marrocain dispatch centre, mrc	2235	ale-usb snd	-109	
3.155,00	1301	marrocain dispatch centre, mrc	323	ale-usb snd	-309	
3.155,00	13011	marrocain dispatch centre, mrc	2241	ale-usb snd	-109	
3.155,00	130111	marrocain dispatch centre, mrc	302	ale-usb snd	-109	
3.155,00	13021	marrocain dispatch centre, mrc	347	ale-usb snd	-109	
3.155,00	1303	marrocain dispatch centre, mrc	352	ale-usb snd	-109	
3.155,00	1304	marrocain dispatch centre, mrc	454	ale-usb snd	-109	
3.155,00	1305	marrocain dispatch centre, mrc	536	ale-usb snd	-109	
3.155,00	13051	marrocain dispatch centre, mrc	24	ale-usb snd	-409	
3.155,00	13052	marrocain dispatch centre, mrc	208	ale-usb snd	-109	
3.155,00	1306	marrocain dispatch centre, mrc	2238	ale-usb snd	-309	
3.155,00	13061	marrocain dispatch centre, mrc	330	ale-usb snd	-309	
3.155,00	1307	marrocain dispatch centre, mrc	443	ale-usb snd	-109	
3.155,00	1308	marrocain dispatch centre, mrc	317	ale-usb snd	-309	
3.155,00	13091	marrocain dispatch centre, mrc	640	ale-usb snd	-109	
3.155,00	1311	marrocain dispatch centre, mrc	337	ale-usb snd	-109	
3.155,00	1312	marrocain dispatch centre, mrc	2328	ale-usb snd	-309	
3.155,00	13122	marrocain dispatch centre, mrc	233	ale-usb snd	-309	
3.155,00	1313	marrocain dispatch centre, mrc	421	ale-usb snd	-109	
3.155,00	13132	marrocain dispatch centre, mrc	206	ale-usb snd	-109	
3.155,00	13133	marrocain dispatch centre, mrc	138	ale-usb snd	-109	
3.155,00	1314	marrocain dispatch centre, mrc	2224	ale-usb snd	-109	
3.155,00	13141	marrocain dispatch centre, mrc	342	ale-usb snd	-309	
3.155,00	131411	marrocain dispatch centre, mrc	305	ale-usb snd	-309	
3.155,00	1315	marrocain dispatch centre, mrc	142	ale-usb snd	-309	
3.155,00	13151	marrocain dispatch centre, mrc	2247	ale-usb snd	-109	
3.155,00	1316	marrocain dispatch centre, mrc	348	ale-usb snd	-309	
3.155,00	1317	marrocain dispatch centre, mrc	2353	ale-usb snd	-109	
3.155,00	1318	marrocain dispatch centre, mrc	2203	ale-usb snd	-109	
3.155,00	13182	marrocain dispatch centre, mrc	6	ale-usb snd	-409	
3.155,00	13191	marrocain dispatch centre, mrc	2234	ale-usb snd	-109	
3.155,00	1321	marrocain dispatch centre, mrc	2343	ale-usb snd	-109	
3.155,00	13211	marrocain dispatch centre, mrc	234	ale-usb snd	-109	
3.155,00	1322	marrocain dispatch centre, mrc	315	ale-usb snd	-109	
3.155,00	1323	marrocain dispatch centre, mrc	307	ale-usb snd	-309	
3.155,00	13231	marrocain dispatch centre, mrc	138	ale-usb snd	-309	
3.155,00	1324	marrocain dispatch centre, mrc	333	ale-usb snd	-309	
3.155,00	13241	marrocain dispatch centre, mrc	305	ale-usb snd	-109	
3.155,00	1325	marrocain dispatch centre, mrc	339	ale-usb snd	-109	
3.155,00	13251	marrocain dispatch centre, mrc	237	ale-usb snd	-109	
3.155,00	13252	marrocain dispatch centre, mrc	232	ale-usb snd	-109	
3.155,00	1326	marrocain dispatch centre, mrc	2320	ale-usb snd	-109	
3.155,00	13262	marrocain dispatch centre, mrc	200	ale-usb snd	-309	
3.155,00	13263	marrocain dispatch centre, mrc	640	ale-usb snd	-109	

3.155,00		1405	marrocain dispatch centre, mrc	42	ale-usb snd	-409	
3.155,00		2001	marrocain dispatch centre, mrc	630	ale-usb snd	-109	
3.155,00		20111	marrocain dispatch centre, mrc	130	ale-usb snd	-109	
3.155,00		2201	marrocain dispatch centre, mrc	2223	ale-usb snd	-109	
3.155,00		22011	marrocain dispatch centre, mrc	158	ale-usb snd	-109	
3.155,00		22023	marrocain dispatch centre, mrc	142	ale-usb snd	-109	
3.155,00		2203	marrocain dispatch centre, mrc	345	ale-usb snd	-109	
3.155,00		2204	marrocain dispatch centre, mrc	338	ale-usb snd	-109	
3.155,00		22041	marrocain dispatch centre, mrc	211	ale-usb snd	-109	
3.155,00		2205	marrocain dispatch centre, mrc	30	ale-usb snd	-109	
3.155,00		2211	marrocain dispatch centre, mrc	222	ale-usb snd	-309	
3.155,00		22123	marrocain dispatch centre, mrc	200	ale-usb snd	-309	
3.155,00		2213	marrocain dispatch centre, mrc	2245	ale-usb snd	-109	
3.155,00		2214	marrocain dispatch centre, mrc	2238	ale-usb snd	-109	
3.155,00		2215	marrocain dispatch centre, mrc	530	ale-usb snd	-109	
3.155,00		22154	marrocain dispatch centre, mrc	240	ale-usb snd	-109	
3.155,00		2404	marrocain dispatch centre, mrc	341	ale-usb snd	-109	
3.155,00		2406	marrocain dispatch centre, mrc	337	ale-usb snd	-109	
3.155,00		2407	marrocain dispatch centre, mrc	236	ale-usb snd	-109	
3.155,00		2408	marrocain dispatch centre, mrc	2208	ale-usb snd	-309	
3.155,00		2409	marrocain dispatch centre, mrc	2242	ale-usb snd	-109	
3.155,00		2411	marrocain dispatch centre, mrc	2301	ale-usb snd	-309	
3.155,00		24151	marrocain dispatch centre, mrc	243	ale-usb snd	-309	
3.155,00		2419	marrocain dispatch centre, mrc	308	ale-usb snd	-309	
3.155,00		2512	marrocain dispatch centre, mrc	2217	ale-usb snd	-109	
3.155,00		2521	marrocain dispatch centre, mrc	626	ale-usb snd	-109	
3.155,00		2524	marrocain dispatch centre, mrc	527	ale-usb snd	-109	
3.158,90	9mr		malaysian navy lumut, mla	1955	rtty 50/640/1,5 stopbit	-409	test strings
3.159,00	9mr5		malaysian navy rmmj johor bahru, mla	1747	rtty 50/700	-409	tfc ing/gr a
3.161,90	z8sa		unid prob cis	1802	cw	-109	
3.162,70	---		unid military	657	nato-75 75/850	-109	encrypted/chipher
3.164,00	ab20		algerian national guard, alg	2050	ale-usb snd	-209	clg "zt20"
3.164,00	ac20		algerian national guard, alg	2100	ale-usb snd	-209	clg "tp20"
3.164,00	ac20		algerian national guard, alg	2100	ale-usb snd	-209	send msgs to "tp20"
3.164,00	ac21		algerian national guard, alg	1749	ale-usb snd	-109	clg "zt20"
3.164,00	ac23		algerian national guard, alg	2108	ale-usb snd	-209	clg "ac20"
3.164,00	bk21		algerian national guard, alg	1729	ale-usb snd	-109	clg "zt20"
3.164,00	nd20		algerian national guard, alg	2305	ale-usb snd	-309	send msgs to "zt20"
3.164,00	nd23		algerian national guard, alg	2046	ale-usb snd	-209	clg "zt20"
3.164,00	tp20		algerian national guard, alg	2045	ale-usb snd	-209	clg "zt20"
3.164,00	zt20		algerian national guard, alg	1833	ale-usb snd	-109	clg "ac21"
3.167,00		6230	unid	239	ale-usb snd	-309	
3.167,00	twba2		guardia civile barcellona, e	543	ale-usb snd	-309	clg "txx2"
3.167,00	twbt2		guardia civile tarragona, e	30	ale-usb snd	-309	clg "txx2"

3.167,00	twcp2	guardia civile pontevedra, e	2352	ale-usb snd	-309	clg "txx1"
3.167,00	twvs2	guardia civilsalamanca, e	2058	ale-usb snd	-509	clg "txx1"
3.167,00	txx1	guardia civile madrid, e	13	ale-usb snd	-309	clg "twbe2"
3.167,00	txx2	madrid guardia civile, e	2102	ale-usb snd	-209	clg "tyma2"
3.167,00	tyma2	guardia civile avila, e	2102	ale-usb snd	-209	clg "tyma2"
3.167,00	tyvl2	guardia civile albacete, e	439	ale-usb snd	-309	clg "txx2"
3.167,00	tyvl2	guardia civile albacete, e	440	ale-usb snd	-309	test
3.171,00	rmp	rus/cis navy kaliningrad, rus	2108	cw	-409	tfc/gr n
3.172,00	riw	russian navy hq moscow, rus	1355	at-3104/1440/3400/usb	-1208	crypto traffic to rmsb
3.177,00	---	unid rus/cis military	1858	rus-75 75/200	-109	encrypted/chipher
3.180,00	---	unid	2020	cw	-209	5 fgs s/off at 202 3
3.184,00	---	unid rus/cis military	2357	mpsk-12/usb	-209	encrypted/chipher
3.185,00	---	unid	1944	fsk 43.3/500 1:1	-609	reversals
3.189,00	---	cis mil/intel ?	1900	usb	-109	gr (n)rus
3.192,00	rmp	cis navy kaliningrad, rus	1739	cw	-109	nawip
3.192,20	oua11	danish navy aarhus, dnk	1903	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.197,00	---	unid german station	750	usb	-1208	male/male comms, intership?
3.200,00	dbgz/bp26	bundespolizeiboot "eschwege", d	1609	ale-usb snd	-409	
3.200,00	lezsee	lage- und einsatzzentrum cuxhaven, d	1946	ale-usb snd	-409	3200 and 3850 khz
3.205,00	yh50	algerian military	2157	ale-usb snd	-109	contacts yh40
3.205,00	yh60	algerian military	2154	ale-usb snd	-109	clg yh53
3.207,00	hime	russian military	2238	cw	-209	qtc for 6bkn, 6bkn reads back message
3.207,00	w7c6	russian military	2332	cw	-209	comms check with pktr
3.211,50	---	unid rus/cis military	1858	81-81 81/250	-209	encrypted/chipher
3.217,00	o96m	russian military	2329	cw	-209	comms check with bi8r
3.221,20	---	unid military	1908	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.226,00	---	deltafix Station bjergeborg, nor	2251	deltafix	-609	2 seconds burst on channel f1
3.226,00	xss	british military network forest moor, g	1004	ale-usb snd	-209	with ale
3.229,00	kmbl	russian military	2212	cw	-109	kmbl as2 k, qrv k, receives msg
3.236,50	xld	unid defence hf comm. service/tascom station	1944	ale-usb snd	-409	contacts xss-ncs on 3236,50 and 2216 khz
3.236,50	xss	uk-dhfcs ncs forest moor, g	1117	ale-usb snd	-109	
3.243,20	---	presumed ukrainian military	1951	rtty 50/250e/1.5 stopbit	-209	crypto traffic
3.243,25	---	unid rus/cis military	633	81-81 45.5/250	-109	ry/tfc kry zzzzz
3.246,50	---	russian air defence	1938	cw	-509	time strings = 992338??0????? // 5221,50 khz
3.247,00	---	unid military	2225	nato-100 100/850	-209	encrypted/chipher
3.247,00	---	nato system	2212	nato-100 100/820	-309	message blocks in kg-84
3.253,00	fav22	cstei faviŠres via vernon, f	2225	cw	-109	pnvia hrtkl bt nr 51 j 05 232328 1987 bt
3.254,00	cy01	algerian national guard, alg	2	ale-usb snd	-509	clg "fs01" 0006 clg "dj01" 0023 clg "dj01"
3.254,00	dj01	algerian national guard, alg	6	usb	-509	vocoder tfc
3.254,00	fs01	algerian national guard, alg	2	usb	-509	vocoder tfc
3.254,00	vh01	algerian national guard, alg	10	usb	-509	vocoder tfc
3.255,00	---	unid	1815	unid	-209	russian female clg unid
3.255,00	---	unid	1809	ale-usb snd	-209	
3.255,00	amba	samara kurumotsh aero, rus	253	usb	-1208	wkg shpora rostov-na-donu aero

3.256,00	---	unid	1809	sporadic data bursts	-209	
3.258,30	---	military	508	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
3.260,00	---	unid rus/cis military	2224	rus-75 75/200	-209	encrypted/chipher
3.260,00	y44	algerian army/moi, alg	2345	ale-usb snd	-109	contacts zt4
3.260,00	yh40	algerian national guard, alg	1752	ale-usb snd	-109	clg "yh53"
3.260,00	yh46	algerian national guard, alg	1736	ale-usb snd	-109	clg "zt40"
3.260,00	yh47	algerian national guard, alg	1847	ale-usb snd	-109	clg "yh46"
3.260,00	yh48	algerian national guard, alg	1744	ale-usb snd	-109	clg "yh40"
3.260,00	yh50	algerian national guard, alg	1742	ale-usb snd	-109	clg "yh40"
3.260,00	yh52	algerian moi/military, alg	2205	ale-usb snd	-309	contacts zt40
3.260,00	yh52	algerian national guard, alg	1802	ale-usb snd	-109	clg "yh48"
3.260,00	yh53	algerian national guard, alg	1757	ale-usb snd	-109	clg "yh40"
3.260,00	yh55	algerian national guard, alg	1751	ale-usb snd	-109	clg "yh59"
3.260,00	yh58	algerian army/moi, alg	0	ale-usb snd	-109	contacts zt40
3.260,00	yh59	algerian national guard, alg	1751	ale-usb snd	-109	clg "yh55" 1753 clg "yh59"
3.260,00	zt40	algerian national guard, alg	1748	ale-usb snd	-109	clg "yh58"
3.261,00	---	unid	1805	usb	-209	
3.264,00	rmp	russian navy kaliningrad, rus	1712	cw	-1208	russian msgs to reo
3.264,40	sab	g"teborg radio, s	700	pactor-gw	-109	encrypted/chipher/ch marker
3.270,00	---	unid rus/cis military	2202	usb	-209	russian fraffic duplex
3.270,00	ulx	mossad tel-aviv, isr	1832	usb	-1208	yl with 5l grouped msg group 115
3.270,00	uxl2	mossad tel aviv, isr	2201	usb	-209	gr (a)
3.271,50	---	unid net	508	ale-usb snd	-409	and encrypted voice
3.278,50	g5n	req link sec / magic venture exercice ?	1937	usb	-109	eng ital and ger accent c k1f
3.282,00	---	unid rus/cis military	2159	bee 36-50 50/200	-209	tfc kry
3.282,00	1ta6ff	french navy "thales-net"	122	ale-usb snd	-209	to 1tl0ff
3.282,00	1ctsn	french navy toulon, f	106	ale-usb snd	-209	"thales-net" to 1tx901 prob.vessel ?
3.283,50	---	unid rus/cis military	2201	fsk-cw	-209	tfc
3.283,50	---	unid rus/cis military	2157	cis-75 75/200	-209	encrypted/chipher
3.286,00	---	unid rus/cis military	2222	rus-75 75/200	-209	encrypted/chipher
3.287,30	---	unid military	702	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.300,00	---	unid	512	fsk 100/500	-409	encrypted/chipher
3.300,00	---	unid rus/cis military	620	cis-arq 100/500	-209	encrypted/chipher
3.306,20	---	unid	1925	stanag-4285 2400bps/600l	-209	encrypted/chipher
3.310,00	---	tallinn radio, est	1833	usb	-209	wx est
3.312,00	---	unid	1930	fsk 100/844	-209	unsuppressed carrier !? pseudo random
3.322,00	---	rus/cis air force	328	cw	-109	counting strings
3.322,75	---	cis ptt	707	cis-arq 100/1000	-109	encrypted/chipher
3.326,00	---	unid rus/cis military	1744	fsk 50/250	-409	encrypted/chipher
3.327,00	woxn	enigma m89 chinese military ?	2202	cw	-309	qpzm de woxn
3.330,00	chu	ottawa time station, can	800	cw	-1208	id in english & french
3.331,80	---	unid prob unid rus/cis military	1818	cw	-109	5fg msg
3.332,00	---	unid	2128	coquelet 8- 26,6/	-109	
3.332,00	dhj58	german navy glucksburg/saterland-ramsloh, d	2152	nato-100 100/850	-109	encrypted/chipher

3.333,00	---	fishermen ?	2023	usb	-609	qsx frequency ?, russian simplex
3.335,00	v	slb khiva ?	2011	cw	-109	
3.340,00	---	unid rus/cis military	610	81-81 40.5/500	-209	encrypted/chipher
3.343,00	mwkj	unid	1624	cw	-109	beacon/marker
3.348,00	gwm4	unid	2111	cw	-409	clg/wkg "axxn" 2120 clg/wkg "9r2l"
3.350,00	---	fishermen ?	2027	usb	-609	qsx frequency ?, scandanavian simplex
3.354,00	gml4	russian military	2230	cw	-209	bcasts message to f2lv
3.354,95	---	unid rus/cis military	1742	rtty 50/500	-109	tfc kry
3.357,00	---	unid rus/cis military	2155	bee 36-50 100/200	-109	tfc kry
3.358,00	mt01	algerian military	2100	ale-usb snd	-1208	to mt03 w/lqa who replied
3.362,00	xyz	unid	2345	ale-usb snd	-209	to 301 complete ?
3.363,80	6mf7	prob unid rus/cis military	1821	cw	-1208	5fg msg ended with "aipe, i 35 9k "
3.364,50	dho91	gafran station, d	1805	usb	-309	wkg dhj67
3.368,20	dhj59	german navy wilhelmshaven/sengwarden, d	710	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.373,50	---	unid	1700	ale-usb/stanag 2400bps	-309	fixed data rate
3.379,00	a3yw	rus/cis military	2146	cw	-309	qtc for collective
3.379,00	bpwk	rus/cis military	2152	cw	-309	15-group short-form message
3.382,50	fdi22	french air force narbonne, f	233	rtty 50/400	-309	ry/le brick-tape
3.384,20	---	unid	1953	stanag-4285 2400bps	-209	frame format ?
3.393,00	q7ss	russian military	2150	cw	-209	reads back message
3.393,20	---	unid military	13	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
3.396,00	---	unid rus/cis military	2115	bee 36-50 50/250	-209	tfc kry
3.407,00	---	tashkent volmet, uzb	2220	usb	-209	wx rus
3.413,00	---	shannon volmet veur, irl	713	usb	-109	wx
3.415,00	art	mossad tel aviv, isr	2150	usb	-209	gr (a)
3.415,00	pcd	mossad tel aviv, isr	1841	usb	-109	in 5l tfc
3.416,20	---	unid	1544	stanag-4285/600l	-109	encrypted tfc
3.420,00	---	fishermen	1728	usb	-109	fr d/x s8
3.428,00	4	new york radio riverhead, usa	55	hfdl	-109	good squitters, no traffic
3.435,00	---	fishermen	2128	usb	-309	greek d/x /good sig
3.440,00	---	fishermen	2041	isb	-609	qsx freq. ? french simplex
3.449,70	---	unid	1143	cw	-309	qth oklahoma
3.450,00	diamanti	albanian moi/military, alb	1701	ale-usb snd	-209	clg drini
3.450,00	rfl17laur	unid french pirate station	1750	lsb/ham-drm/mode-e/4qam/	-209	
3.455,00	---	new york radio riverhead, usa	2244	usb	-309	wkg "n50qj"for selcal check on kmbg
3.467,00	---	mumbai radio acc mid-2, ind	2223	usb	-209	wkg "india428"
3.467,00	---	karachi radio acc/fic mid-2,sea-1, pak	2228	usb	-209	wkg "tango646"
3.468,00	---	prob fishermen	1546	cry-2001	-109	voice scramber with sync bursts
3.470,00	---	fisherman	2139	cry-2001/usb	-309	male & female voices
3.476,00	---	gander radio air nat-f, can	322	usb	-109	wkg "canadian 16"
3.476,00	---	shanwick/shannon air nat-f, irl	614	usb	-209	wkg "tw22" 0620 wkg gander
3.485,00	---	gander radio volmet vnat, can	320	usb	-109	wx
3.485,00	---	new york radio volmet service, usa	2348	usb	-1208	reciting aviation wx for orlando
3.485,62	---	unid	617	fsk-cw	-209	tfc

3.490,00	---		fishermen	2048	lsb	-609	dutch traffic duplex
3.494,00	---		san francisco radio ldoc, usa	1435	usb	-109	in comms with aircraft, medical problem
3.494,00	---		fishermen	1548	cry-2001	-109	voice scramber with sync bursts
3.500,00		2010	marrocain dispatch centre, mrc	240	ale-usb snd	-109	
3.500,00		2011	marrocain dispatch centre, mrc	608	ale-usb snd	-109	clg "2015"
3.500,00		2013	marrocain dispatch centre, mrc	2037	ale-usb snd	-309	
3.500,00		2015	marrocain dispatch centre, mrc	2334	ale-usb snd	-109	
3.500,00		2016	marrocain dispatch centre, mrc	443	ale-usb snd	-309	clg "2015"
3.500,00		2017	marrocain dispatch centre, mrc	234	ale-usb snd	-309	
3.500,00		4016	marrocain dispatch centre, mrc	548	ale-usb snd	-109	
3.500,00		4017	marrocain dispatch centre, mrc	1845	ale-usb snd	-309	
3.500,75	---		rus/cis military	1823	81-81 40.5/250	-309	encrypted/chipher
3.503,50	xss		defence hf comm service ncs forest moor, g	1535	ale-usb snd	-309	
3.510,10	yu1un		unid	2019	cw 140 wpm	-209	test
3.544,00	---		rus/cis military	1955	mpsk-12/usb	-409	encrypted/chipher
3.552,00	tbb		turkish navy ankara, tur	1745	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.558,00		2010	trc	1938	ale-usb snd	-209	clg "2011"
3.558,00		2011	trc	2203	ale-usb snd	-209	
3.558,00		2012	trc	1926	ale-usb snd	-209	
3.561,00	---		rus/cis military	320	mpsk-1212/usb	-109	encrypted/chipher
3.565,30	---		unid	639	fec 100/170	-109	tfc kry
3.574,00	---		unid	2243	fsk 200/500	-209	encrypted/chipher
3.582,00	---		unid	20	rtty 50/500	-409	gr (n) mark every 50 groups qtr at end
3.593,70	d		cis navy beacon odessa, ukr	2245	cw	-209	gr (a)
3.593,90	s		cis navy beacon arkhangelsk, rus	2245	cw	-209	gr (a)
3.607,00	oek3101		”sterreichische rote kreuz wien, aut	1413	lsb	-509	wkg oe2ggp 59wc/59jo
3.608,00	---		unid rus/cis military	25	bee 36-50/50/200	-409	tfc kry
3.610,00	---		nato fleet air defence modem	1903	link-11/usb single channel	-209	
3.610,40	oey621		bundesheer salzburg, aut	1518	lsb	-509	wkg oe6u 59le/59wu
3.614,00	---		unid ukranian military ncs	2248	cw	-309	ends 58-group message to unid
3.618,00	t2z211		us army, irq	2351	ale-usb snd	-109	snd 0051,0122,0152,0253,0323,0454
3.618,00	tc152		us army, irq	2244	ale-usb snd	-109	snd 0116,0247,0317,0347
3.618,00	tc2149		us army, irq	132	ale-usb snd	-109	snd 0303, 0433
3.626,30	oey653		bundesheer wels, aut	1415	lsb	-509	wkg oe7tmg 59we/59il
3.634,00	---		unid	2039	cw	-209	rpt "12345 12345 t t t t"
3.640,50	fav22		french army mont valerien, f	521	cw	-409	gr (a) 'nr 16 a 03 17:30:56 1987 bt
3.643,00	oeh6101		”sterreichische rote kreuz graz, aut	1530	lsb	-509	wkg oe3pas 59ou/59bn
3.658,00	v		mx channel marker	2033	cw	-409	
3.673,00	pbk		dutch coast guards ijmuiden, hol	1853	usb	-509	eng naws
3.688,00	fs10		algerian national guard, alg	2007	ale-usb snd	-409	clg "jb22"
3.688,00	jb10		algerian national guard, alg	2158	ale-usb snd	-409	clg "fs10"
3.688,00	jb22		algerian national guard, alg	2007	ale-usb snd	-409	clg "fs10"
3.700,00	---		rus/cis military	1653	ms-5/usb tones	-209	
3.705,00	oey651		bundesheer h”rsching, aut	1415	lsb	-509	wkg oe5hsn 59ll/59br

3.705,00	rfh71	russian navy	2026	cw	-209	wkg sx rcv black sea fleet hq
3.710,00	---	unid nato station	1505	nato-75 75/850	-409	intermittent kg-84 messages
3.710,00	---	unid military	28	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
3.714,00	oeh9101	”sterreichische rote kreuz vorarlberg, aut	1420	lsb	-509	wkg oe7tmt 59tk 59il
3.716,00	oey612	bundesheer wien, aut	1424	lsb	-509	wkg oe8bpk 59wc 59vi
3.720,00	---	unid	1818	nato-100 100/850	-109	encrypted/chipher
3.734,00	oeh8101	”sterreichische rote kreuz k„rnten, aut	1505	lsb	-509	wkg oe8q 59vk/59??
3.735,00	---	rus/cis military	1932	fsk 50/500	-309	encrypted/chipher
3.735,00	---	unid station south of warsaw, pol	1932	f1b 43.3/500 reversals	-209	
3.736,00	101	unid	2323	ale-usb snd	-409	calling 10 4
3.736,00	103	unid prob chinese	1113	ale-usb snd	-109	calling 101
3.738,00	oey671	bundesheer hochfilzen, aut	1443	lsb	-509	wkg oe7hpi 59kb/59il
3.740,00	---	varna radio, bul	1903	usb	-209	wx/nw
3.740,00	rdp4	rus ptt kirov kaluga, rus	624	cis-arq 100/500	-209	encrypted/chipher
3.741,00	oey631	bundesheer allensteig, aut	1508	lsb	-509	wkg oek3101 59wc/59zt
3.745,00	---	unid	1721	ale-usb snd	-309	to zb
3.745,00	acb	unid	2000	ale-usb snd	-309	to bfs w/lqa who replied
3.745,00	qx57	algerian military	2115	ale-usb snd	-309	w/lqa-reply to qx40
3.745,00	zt50	algerian military	2328	ale-usb snd	-209	to qx50
3.749,85	---	unid rus/cis military	1729	fsk 50/500	-409	encrypted/chipher
3.749,90	---	unid cis station	1924	fsk 96/500	-209	crypto traffic
3.754,00	oey681	bundesheer wolfsberg, aut	1538	lsb	-509	wkg oe2ijl 59wo/59hl
3.755,00	rts	magadan	1802	cw	-309	msg's with ugu2
3.756,00	---	s30 pip	2034	cw	-409	
3.757,00	---	s30 pip	1826	cw	-109	cw 1 second 'dit'
3.760,00	oey623	bundesheer st. johann/pongau, aut	1450	lsb	-509	wkg oe9bfi 56jo/59bc
3.764,40	pbh	dutch navy den helder, hol	721	rtty 75/850	-109	availability '02b 04a 06b 08a pbh'
3.770,00	---	unid m21/m51	1922	cw	-209	tracking, net chatter
3.776,35	---	unid	1817	coquelet-8 26,60	-309	tfc kry
3.782,00	---	unid	2055	rtty 50-75/850	-209	naws de ctp ship shore not available ufn
3.782,00	ctp	nato lissabon/palhais, por	2123	rtty 75/850	-609	naws
3.787,00	---	nato tadil-a	1803	link-11/isb two-channel	-409	
3.794,00	fs20	algerian national guard, alg	2118	ale-usb snd	-409	clg "tp23"
3.794,00	je23	algerian national guard, alg	2117	ale-usb snd	-409	clg "fs20"
3.794,00	qm23	algerian national guard, alg	2132	ale-usb snd	-409	clg "fs20"
3.794,00	qm25	algerian national guard, alg	2130	ale-usb snd	-409	clg "fs20"
3.794,00	tp20	algerian national guard, alg	2117	ale-usb snd	-409	clg "fs20"
3.794,00	tp23	algerian national guard, alg	2117	ale-usb snd	-409	clg "fs20"
3.794,00	xt20	algerian national guard, alg	2142	ale-usb snd	-409	clg "fs20"
3.795,00	call01	unid	2257	ham-drm/b/l/qam 16/2,50 khz/usb	-109	melp-codec texts "test0001" etc
3.795,00	call02	unid	2010	ham-drm/b/l/qam 16/2,50 khz/usb	-109	melp-codec texts "test0001", "test0002"
3.797,00	rcv	rus/cis navy sevastopol, ukr	1743	cw	-409	2144 clg rbl88
3.800,50	---	unid rus/cis military	30	mpsk-12/usb	-409	encrypted/chipher
3.801,50	---	unid rus/cis military	1747	mpsk-12/usb	-109	encrypted/chipher

3.804,00	---	rus/cis military	2114	mpsk-12/usb	-409	encrypted/chipher
3.805,00	10111	marrocain dispatch centre, mrc	1826	ale-usb snd	-509	clg "1319"
3.805,00	11021	protection civile marocaine, mrc	2204	ale-usb snd	-209	
3.805,00	1103	marrocain dispatch centre, mrc	415	ale-usb snd	-109	
3.805,00	11031	marrocain dispatch centre, mrc	2341	ale-usb snd	-509	
3.805,00	11032	marrocain dispatch centre, mrc	36	ale-usb snd	-109	
3.805,00	11033	marrocain dispatch centre, mrc	1900	ale-usb snd	-509	
3.805,00	11043	marrocain dispatch centre, mrc	331	ale-usb snd	-109	
3.805,00	11064	marrocain dispatch centre, mrc	2257	ale-usb snd	-509	
3.805,00	1108	marrocain dispatch centre, mrc	2211	ale-usb snd	-109	
3.805,00	1109	marrocain dispatch centre, mrc	1931	ale-usb snd	-509	
3.805,00	11111	marrocain dispatch centre, mrc	221	ale-usb snd	-109	
3.805,00	11113	marrocain dispatch centre, mrc	1841	ale-usb snd	-509	
3.805,00	1112	marrocain dispatch centre, mrc	302	ale-usb snd	-109	
3.805,00	11121	marrocain dispatch centre, mrc	2302	ale-usb snd	-109	
3.805,00	1113	marrocain dispatch centre, mrc	2315	ale-usb snd	-109	
3.805,00	11143	marrocain dispatch centre, mrc	2229	ale-usb snd	-109	
3.805,00	1115	marrocain dispatch centre, mrc	2251	ale-usb snd	-109	
3.805,00	1116	protection civile marocaine, mrc	2233	ale-usb snd	-209	
3.805,00	11162	marrocain dispatch centre, mrc	2324	ale-usb snd	-509	
3.805,00	1117	marrocain dispatch centre, mrc	1900	ale-usb snd	-509	
3.805,00	1118	marrocain dispatch centre, mrc	1817	ale-usb snd	-509	clg "10111"
3.805,00	1301	marrocain dispatch centre, mrc	323	ale-usb snd	-109	
3.805,00	13011	marrocain dispatch centre, mrc	2241	ale-usb snd	-109	
3.805,00	13012	marrocain dispatch centre, mrc	159	ale-usb snd	-109	
3.805,00	13021	marrocain dispatch centre, mrc	401	ale-usb snd	-109	
3.805,00	13021	protection civile marocaine, mrc	2247	ale-usb snd	-109	2201 and 13111 also snding 3805 khz
3.805,00	1305	marrocain dispatch centre, mrc	1916	ale-usb snd	-509	
3.805,00	13051	marrocain dispatch centre, mrc	1820	ale-usb snd	-509	
3.805,00	13052	marrocain dispatch centre, mrc	208	ale-usb snd	-109	
3.805,00	13061	marrocain dispatch centre, mrc	1928	ale-usb snd	-509	
3.805,00	13081	marrocain dispatch centre, mrc	1858	ale-usb snd	-509	
3.805,00	13082	marrocain dispatch centre, mrc	624	ale-usb snd	-109	
3.805,00	13091	marrocain dispatch centre, mrc	640	ale-usb snd	-109	
3.805,00	1311	marrocain dispatch centre, mrc	2227	ale-usb snd	-509	
3.805,00	13112	protection civile morocaine, mrc	31	ale-usb snd	-109	13112 and 13262 both snd
3.805,00	1312	protection civile marocaine, mrc	2213	ale-usb snd	-309	
3.805,00	13121	marrocain dispatch centre, mrc	2338	ale-usb snd	-509	
3.805,00	13122	marrocain dispatch centre, mrc	1833	ale-usb snd	-509	
3.805,00	1313	moroccan civil defence, mrc	2112	ale-usb snd	-409	1301 contacts 100 1
3.805,00	13131	marrocain dispatch centre, mrc	2324	ale-usb snd	-509	
3.805,00	13132	marrocain dispatch centre, mrc	206	ale-usb snd	-109	
3.805,00	13133	marrocain dispatch centre, mrc	140	ale-usb snd	-109	
3.805,00	1314	marrocain dispatch centre, mrc	2222	ale-usb snd	-109	

3.805,00	13141	marrocain dispatch centre, mrc	341	ale-usb snd	-109	
3.805,00	13141	protection civile marocaine, mrc	2141	ale-usb snd	-209	
3.805,00	131411	marrocain dispatch centre, mrc	1902	ale-usb snd	-509	
3.805,00	13142	protection civile morocaine, mrc	2	ale-usb snd	-109	
3.805,00	13142	marrocain dispatch centre, mrc	1755	ale-usb snd	-509	
3.805,00	13151	marrocain dispatch centre, mrc	2247	ale-usb snd	-109	
3.805,00	1316	marrocain dispatch centre, mrc	2251	ale-usb snd	-109	
3.805,00	1317	marrocain dispatch centre, mrc	2356	ale-usb snd	-109	
3.805,00	13181	marrocain dispatch centre, mrc	2321	ale-usb snd	-509	
3.805,00	13191	marrocain dispatch centre, mrc	2233	ale-usb snd	-109	
3.805,00	1321	marrocain dispatch centre, mrc	442	ale-usb snd	-109	
3.805,00	1322	marrocain dispatch centre, mrc	317	ale-usb snd	-109	
3.805,00	13221	marrocain dispatch centre, mrc	2359	ale-usb snd	-509	
3.805,00	13222	marrocain dispatch centre, mrc	125	ale-usb snd	-109	
3.805,00	13231	marrocain dispatch centre, mrc	1734	ale-usb snd	-509	
3.805,00	1324	marrocain dispatch centre, mrc	2238	ale-usb snd	-109	
3.805,00	13241	marrocain dispatch centre, mrc	302	ale-usb snd	-109	
3.805,00	1325	marrocain dispatch centre, mrc	1942	ale-usb snd	-509	
3.805,00	13252	marrocain dispatch centre, mrc	233	ale-usb snd	-109	
3.805,00	1326	marrocain dispatch centre, mrc	2016	ale-usb snd	-509	
3.805,00	13263	marrocain dispatch centre, mrc	1938	ale-usb snd	-309	
3.805,00	2001	protection civile marocaine, mrc	2051	ale-usb snd	-209	contacts 240 8 1001 contacts 1303 2001
3.805,00	2002	protection civile marocaine, mrc	2232	ale-usb snd	-209	
3.805,00	20111	marrocain dispatch centre, mrc	1906	ale-usb snd	-509	clg "2418"
3.805,00	2201	marrocain dispatch centre, mrc	2226	ale-usb snd	-109	
3.805,00	22011	marrocain dispatch centre, mrc	2255	ale-usb snd	-509	
3.805,00	2203	marrocain dispatch centre, mrc	157	ale-usb snd	-109	
3.805,00	2204	marrocain dispatch centre, mrc	2033	ale-usb snd	-509	
3.805,00	2211	marrocain dispatch centre, mrc	326	ale-usb snd	-109	
3.805,00	2212	marrocain dispatch centre, mrc	1918	ale-usb snd	-509	
3.805,00	2213	marrocain dispatch centre, mrc	2245	ale-usb snd	-109	
3.805,00	2214	marrocain dispatch centre, mrc	2310	ale-usb snd	-109	
3.805,00	2401	marrocain dispatch centre, mrc	200	ale-usb snd	-109	
3.805,00	2401	marrocain dispatch centre, mrc	324	ale-usb snd	-109	
3.805,00	2404	marrocain dispatch centre, mrc	1941	ale-usb snd	-509	
3.805,00	2407	marrocain dispatch centre, mrc	236	ale-usb snd	-109	
3.805,00	2416	marrocain dispatch centre, mrc	1913	ale-usb snd	-509	clg "20111"
3.807,00	---	unid rus/cis	1900	81-81 81/250	-309	encrypted
3.807,00	---	rus/cis military	2047	ms-5/usb	-109	in traffic
3.807,00	5omw	rus/cis military	1933	cw	-409	comms check with iqmf aol2 izby pmau n9y7
3.808,50	---	unid	32	fsk 100/140	-409	encrypted/chipher
3.810,00	---	fishermen	1734	usb	-309	dutch talking abt fish catch
3.810,00	hd2ioa	guayaquil time signal, eqa	721	lsb	-109	second pips and spanish time announc.
3.810,00	hd2ioa	guayaquil time signal, eqa	700	usb	-309	time pips and spanish male announcement

3.810,50	---	unid	1943	usb	-309	male/male simplex comms unid language
3.812,00	kxpq	unid	1855	cw	-209	clg/wkg "ns9g"
3.812,00	xlwt	unid	1820	cw	-1208	clg/wkg "g2vr"
3.812,15	---	unid	2217	fsk 300/150	-109	encrypted/chipher
3.814,50	fdi22	french air force narbonne, f	1934	rtty ?/?	-309	test and french foxes
3.814,75	---	rus/cis military	2045	81-81 81/1000	-309	encrypted/chipher
3.818,00	---	unid	1800	cw	-309	very fast cw
3.818,20	---	unid	1755	stanag-4285	-309	encrypted norway ?
3.820,20	dhj58	german navy glucksburg/saterland-ramsloh, d	1736	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
3.823,00	aa1	israeli air force ben gurion, isr	1630	ale-usb snd	-209	
3.823,00	aa6	israeli air force, isr	1852	ale-usb snd	-309	
3.823,00	aaa	israeli air force tel aviv, isr	1937	ale-usb snd	-1208	clg "aa1"
3.823,00	bb1	israeli air force palachim, isr	1852	ale-usb snd	-1208	
3.823,00	bb2	israeli air force, isr	1915	ale-usb snd	-109	
3.823,00	bb4	israeli air force, isr	2044	ale-usb snd	-1208	
3.823,00	bb7	israeli air force, isr	1909	ale-usb snd	-309	
3.823,00	bb8	israeli air force, isr	2222	ale-usb snd	-309	
3.823,00	dd1	israeli air force, isr	1826	ale-usb snd	-309	
3.823,00	dd1	israeli air force, isr	1857	ale-usb snd	-1208	
3.823,00	dd2	israeli air force, isr	2006	ale-usb snd	-1208	
3.823,00	dd3	israeli air force, isr	1858	ale-usb snd	-1208	
3.823,00	dd6	israeli air force, isr	2201	ale-usb snd	-309	
3.823,00	dd7	israeli air force, isr	1859	ale-usb snd	-309	
3.823,00	dd9	israeli air force, isr	2035	ale-usb snd	-309	
3.823,00	k27	israeli air force, isr	1723	ale-usb snd	-1208	
3.824,00	aaa	israeli air force tel aviv, isr	2040	ale-usb snd	-209	
3.824,00	bb7	israeli air force palachim ab, isr	104	ale-usb snd	-309	
3.826,00	---	unid rus/cis military	2218	rus-75 75/200	-209	encrypted/chipher
3.826,00	c8kq	ukranian military	1926	cw	-209	comms check with i2vh v1sc wmaz h6dg 1gcl
3.826,00	rcv	rus/cis navy sevastopol, ukr	1710	cw	-309	wkg rir98'rir98 de rcv qsa3 qrv k '
3.826,00	rir98	rus/cis military	1710	cw	-309	clg/wkg rcv
3.826,00	siim	rus/cis military	32	cw	-109	bcasts message to unid siim
3.828,00	---	unid squeaky wheel	1815	two-tone 2 tones 1600/2370 hz	-309	marker ?
3.829,00	---	unid	1812	cw	-309	5 fgs
3.829,50	---	rus/cis military	1952	cis-75 75/240	-409	in traffic
3.830,00	---	pirates	1942	usb	-309	unid pirates simplex male/male
3.831,00	---	unid	2121	cw	-309	5fgs
3.832,00	---	unid	1847	rtty 75/850	-209	tfc kry
3.833,00	---	unid nato link	1916	link-11 unid nato system	-309	
3.840,00	---	unid rus/cis military	1955	rtty 50/500	-309	tfc fra
3.840,00	---	unid rus/cis military	1750	mpsk-12/usb	-109	encrypted/chipher
3.840,00	---	unid rus/cis military	1948	cis-75 75/200	-209	encrypted/chipher
3.840,00	---	unid	1747	usb	-309	tfc fra simplex
3.840,00	yhf	mossad tel aviv, isr	0	usb	-409	qra 0004 gr (a) ing

3.840,00	yhf2	mossad tel aviv, isr	1903	usb	-309	repeating yhf2 s/off @1 9.04no mgs heard
3.843,50	---	unid rus/cis military	2216	mpsk-12/usb	-209	encrypted/chipher
3.844,00	ckpe	unid rus/cis military	1729	cw	-409	clg/wkg ..../gr (a) stations called
3.844,00	od710m1	algerian forces, alg	1801	ale-usb snd	-409	clg "og700m1"
3.844,60	call01	unid	1650	usb/ham-drm/mode-b/64qam/short int	-309	
3.845,00	---	unid	44	ham-drm/mode b/64 qam/l/2,50khz/usb	-309	variable decode for call "__k__"
3.845,00	ben	unid	1019	ale-usb snd	-109	clg jim
3.845,00	w03	german wsp3 polizeistreifenbot 3, d	26	ale-usb snd	-109	[police patrolboat 3 dj3238
3.845,00	wspan	wasserschutzpolizei amt nds, d	1137	ale-usb snd	-109	
3.846,00	8pnx	m89	1932	cw	-209	sending many msg's
3.846,00	bo0a	italian army, i	1831	usb	-409	wkg "hw0a"
3.846,00	fo0a	italian army, i	1828	usb	-409	wkg "hw0a"
3.846,00	hw01	italian army net control, i	1826	usb	-409	clg/wkg ...
3.846,00	nb0a	italian army, i	1855	usb	-1208	wkg "zm01"
3.846,00	to0a	italian army, i	1829	usb	-409	wkg "hw0a"
3.846,00	wo0a	italian army, i	1827	usb	-409	wkg "hw0a"
3.846,00	yo0a	italian army, i	1828	usb	-409	wkg "hw0a"
3.848,00	1303	unid	1950	ale-usb snd	-209	
3.848,00	1313	unid	2007	ale-usb snd	-209	
3.848,00	13132	unid	2204	ale-usb snd	-309	
3.848,00	1316	unid	2133	ale-usb snd	-309	
3.848,00	1326	unid	1914	ale-usb snd	-309	
3.848,00	13262	unid	304	ale-usb snd	-309	
3.850,00	---	fishermen	1952	usb	-309	dutch simplex male/male commss
3.850,00	---	rus/cis military	1853	cis-75 75/250	-409	encrypted/chipher
3.850,00	---	fishermen ?	2052	usb	-309	french male/male intership comms
3.850,00	clo	unid	235	ale-usb snd	-409	clg "klojsf"
3.850,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	1934	ale-usb snd	-409	2070,40 2151,5 2503,5 and 3850 khz
3.850,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	1931	ale-usb snd	-309	on germanwater police net
3.850,00	dbgy/bp25	bundespolizeiboot "bayreuth", d	2144	ale-usb snd	-409	clg "lezsee"
3.850,00	dbgz/bp26	bundespolizeiboot "eschwege", d	1609	ale-usb snd	-409	
3.850,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	1626	ale-usb snd	-409	
3.850,00	glt	unid	232	ale-usb snd	-409	clg "lel vom" 0242 clg "vfxpfx vfz vfx"
3.850,00	klo	unid	1905	ale-usb snd	-209	clg "glt"
3.850,00	lezsee	lage- und einsatzzentrum see cuxhaven, d	1923	ale-usb snd	-309	clg 72c
3.850,00	vfx	unid	242	ale-usb snd	-409	clg "glt"
3.855,00	ddh3	pinnemberg meteo, d	2159	fax 120/576	-609	edzw
3.855,20	---	unid	1755	stanag-4285/600l	-309	encrypted norway ?
3.862,20	---	unid military	723	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
3.863,00	dnml	ukrainian military	1840	cw	-209	duplex net ,radiocheck with a.o ofs2 yepi
3.865,00	---	unid spanish or italian comms	2056	usb	-309	simplex male/malecomms pirates ?
3.865,00	aa1	israeli air force tel aviv, isr	1638	ale-usb snd	-1208	
3.865,00	aaa	israeli air force tel aviv, isr	1651	ale-usb snd	-109	
3.865,00	bb2	israeli air force, isr	1915	ale-usb snd	-109	

3.865,00	d40	unid	1658	ale-usb snd	-209	clg mt0
3.865,00	dd1	israeli air force, isr	1727	ale-usb snd	-1208	
3.865,00	dd3	israeli air force, isr	2258	ale-usb snd	-109	aaa-ncs snds on 3824 and dd1 on 3865 khz
3.866,00	---	unid	145	ale-usb snd	-109	to rbl
3.871,00	---	unid	1856	cry-2001	-309	fisherman ? voice scrambler
3.872,00	---	unid	1744	psk ?	-309	encrypted/chipherpilot tone 1000 hz ?
3.876,00	---	unid	1721	fsk 75/250	-309	
3.877,00	---	unid spanish/italian comms	2102	usb	-309	simplex male/malecomms pirates ?
3.877,00	---	fisherman	1757	usb	-309	dutch talking abt fish
3.880,00	---	unid rus/cis military	1730	mpsk-12/usb	-409	encrypted/chipher
3.881,00	fav22	french army mont valerien, f	1300	cw	-309	ff mgs endingwith cq de fav2 2
3.882,00	gzj1	unid rus/cis military	1810	cw	-309	5 fgs
3.882,00	t2z211	us army	1932	ale-usb snd	-1208	20,022,032,210,221,300,000
3.882,00	tc152	us army	1919	ale-usb snd	-1208	snd 2050
3.884,00	---	unid rus/cis military	1725	cw	-409	tfc
3.887,00	---	unid rus/cis	1818	ms-5/fire/usb	-309	pilot at 3300 hz
3.890,00	---	fisherman ?	1918	usb	-409	unid simplex male/male comms scandinavian
3.890,00	uws	kiev radio	1823	cw	-309	s/off with de uws
3.890,00	uws3	kiev radio unid fleet shore station, ukr	2032	cw	-209	cq mkr "cq de uws3 qsw 3890/6470/8571"
3.891,00	---	unid rus/cis military	2214	81-81 81/250	-409	encrypted/chipher
3.891,50	---	rus/cis military	2119	mpsk-12/usb	-409	encrypted/chipher
3.892,50	---	unid	2106	81-81 81/250	-209	
3.893,00	---	nato defence	1824	link-11 1364/6000/isb data link	-209	
3.894,00	---	unid spanish comms	1051	usb	-309	male/male comms
3.895,00	---	fisherman ?	1920	cry-2001/usb	-409	voice encryption
3.899,00	ife5	unid	2117	cw	-409	tfc/gr(a 'de ife5 rpt k'
3.900,00	co0038	unid via reykjavik, isl	545	hfdl	-409	
3.910,40	g1i	unid	1750	usb	-109	
3.914,70	---	unid military	725	stanag-4285/600l/5n1/usb	-109	continuos tfc kry2
3.920,00	---	unid	626	usb	-209	vocoder tfc
3.924,00	yzg	british military	1751	usb	-109	clg/wkg "y0g"
3.932,00	charly46	iaf 46th aerial brigade pisa-san giustoa	1950	ale-usb snd	-309	
3.933,00	rffo	rff net	2049	cw	-109	rffn de rffo qsa3 qsa? qtc k
3.933,00	rffp	rff net qsx	1902	cw	-409	rffn de rffp qtc message
3.934,40	bi13bi99	algerian drs station, alg	2101	ale-usb snd	-409	contacts bi10bi9 9
3.938,00	---	unid rus/cis military	8	usb	-409	tfc rus duplex
3.940,00	---	fishermen	1001	usb	-409	fr d/x 18
3.942,00	---	military	521	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
3.954,00	---	unid russian military	2150	cw	-309	tfc/gr a
3.955,00	---	kbs radio international skelton, g	2045	am	-609	250kw: german
3.965,00	---	radio taiwan international issoudun, f	2110	am	-109	250kw: german
3.975,00	---	radio budapest international jaszbereny, hun	2118	am	-609	250kw: hungarian
3.985,00	---	hrvatska radio-televizjia deanovec, hrv	2139	am	-609	100kw: croatian
4.005,00	---	vatican radio vatican city, cva	2157	am	-609	100kw: various languages

4.005,00	---	us navy saddlebunch key, usa	715	fsk 50/850/1k01	-309	pseudo random bitstream
4.008,00	---	unid rus/cis military	1943	cis-75 75/200	-209	encrypted/chipher
4.012,00	---	militare	550	nato-100 100/850	-309	encrypted/chipher
4.012,00	agat-144	ukrainian military	2039	rtty 50/500	-109	encrypt msgs after "=kriptograma zl15 =
4.020,00	---	unid rus/cis military	2053	81-81 40.5/500	-109	encrypted/chipher
4.020,00	---	unid	2023	fsk-4 8.3/480 1:1	-309	reversals
4.020,00	---	unid	1621	fsk 50/200	-209	
4.023,00	rit	cis navy severomorsk, rus	2059	cw	-109	clg/wkg rjq84
4.026,00	---	unid ee intership/fishermen	800	usb	-209	simplex male/male comms
4.026,00	---	unid station	312	cw	-509	with 5 letter groups
4.026,35	---	unid	1940	fec 100/170	-209	tfc kry
4.027,00	uts28	ukrainian military	2100	rtty 50/500	-109	send kry msgs to uts27
4.028,00	---	unid	103	am	-209	spanish yl 5-number groups
4.030,00	---	unid rus/cis military	1945	bee 36-50 50/250	-209	encrypted/chipher
4.030,00	---	unid rus/cis military	1946	fsk-cw	-209	tfc 'pse k'
4.030,00	5820	unid "58x0-net"	2040	ale-usb snd	-209	
4.030,00	8fo	multinational naval net	2105	usb	-209	om/ee-british wkg3zz any exercise ?
4.030,00	cucz	unid	2134	cw	-309	clg/wkg "y6n1"
4.030,00	lp2o	russian military	2107	cw	-309	message
4.031,00	iagm	italian navy ship, i	1900	usb	-209	wkg idr
4.031,00	iali	iny f572 "libeccio"	1845	usb/stanag-4285	-209	wkg idr iny rome
4.031,00	iata	italian navy ship cassiopea p401, i	1925	usb/stanag-4285/600l/5n1	-209	
4.031,00	iatd	italian navy ship vega, i	1937	usb/stanag-4285/600l/5n1	-209	qso idr kg84 encrypted
4.031,00	idr	italian navy rome, i	1827	usb	-209	reply to idtc
4.031,00	idtc	italian navy ship	1826	usb	-209	clg idr for radiocheck
4.031,00	igdf	iny a5349 "caprera"	1840	usb	-209	wkg dr and li
4.031,00	ihmg	iny m5554 "gaeta"	1736	usb/stanag-4285	-209	wkg idr iny rome
4.031,00	station3	german rhode & schwarz, d	1030	ale-usb snd	-1208	clg station5
4.036,00	---	rus/cis military	2124	cis-75 75/260	-309	in traffic
4.037,50	co99c	unid prob czech station	1055	pactor-1 100/	-109	calling co97c after pactor-iii transm
4.039,00	---	unid	742	usb	-209	unid italian or spanish male/male
4.040,00	---	unid	1027	usb	-209	unid italian or spanish male/male
4.040,00	1000	civile protection marocaine, mrc	2230	ale-usb snd	-309	
4.040,00	1001	civile protection marocaine, mrc	2154	ale-usb snd	-309	clg "1102"
4.040,00	1002	civile protection marocaine, mrc	555	ale-usb snd	-309	
4.040,00	1010	civile protection marocaine, mrc	1743	ale-usb snd	-309	clg "1318"
4.040,00	1103	civile protection marocaine, mrc	16	ale-usb snd	-309	
4.040,00	11031	civile protection marocaine, mrc	1744	ale-usb snd	-309	
4.040,00	11043	civile protection marocaine, mrc	2330	ale-usb snd	-309	
4.040,00	1111	civile protection marocaine, mrc	517	ale-usb snd	-309	
4.040,00	11113	civile protection marocaine, mrc	2242	ale-usb snd	-309	
4.040,00	1113	civile protection marocaine, mrc	1916	ale-usb snd	-309	
4.040,00	11132	civile protection marocaine, mrc	2037	ale-usb snd	-309	
4.040,00	11143	civile protection marocaine, mrc	1829	ale-usb snd	-309	

4.040,00		9001	civile protection marocaine, mrc	1954	ale-usb snd	-309	
4.042,00	---		unid	2008	fsk 100/840 acf=0	-209	pseudo-random
4.042,00	---		military	1944	nato-100 100/850	-309	encrypted/chipher
4.043,00	---		rus/cis military	2123	cis-75 75/250	-409	encrypted/chipher
4.044,00	---		unid	1708	usb	-209	unid italian or spanish male/male
4.044,00	---		unid rus/cis military	2111	bee 36-50 50/250	-209	tfc kry
4.044,00	---		unid rus/cis military	2005	ms-5/at3004d/usb	-509	in traffic. w/w 4141 khz?
4.044,00	cs003		macadonian forces, mkd	515	ale-usb snd	-509	clg "rs0013"
4.044,00	cs003a		macadonian forces, mkd	642	ale-usb snd	-509	clg "rs006b"
4.044,00	rs0013		macadonian forces, mkd	515	ale-usb snd	-509	send msgsg to "cs003"
4.044,00	rs0017		macadonian forces, mkd	628	ale-usb snd	-509	clg "cs003"
4.044,00	rs006b		macadonian forces, mkd	649	ale-usb snd	-509	clg "cs003a"
4.045,00	---		unid cis meteo/military	524	cis-14 96/500	-209	tfc kry
4.045,00	aem1ab		us army radio society ham / mars net?	720	psk-31	-509	tfc eng
4.045,00	aem1slc		us army radio society ham / mars net?	720	psk-31	-509	tfc eng
4.045,00	agurchik		moskva/chemeritevo air, rus	2013	usb	-409	clg/wkg "shpora"
4.045,00	shpora		rostov na donu air, rus	2013	usb	-409	wkg "agurchik"
4.045,50	---		unid intership/fishermen?	1816	usb	-209	simplex male/male comms
4.050,00	---		unid	1828	usb	-209	unid voice encryption
4.050,00	bi10bi99		algerian drs station, alg	2217	ale-usb snd	-209	clg bi13bi99
4.050,00	bi13bi99		algerian drs station, alg	2109	ale-usb snd	-209	clg bi10bi99
4.050,35	---		unid	1835	fec 100/170	-109	tfc kry
4.051,00	jzay		ukranian military	1817	cw	-509	conducts comms checks with at least jgax/lssm
4.051,00	ral2		russian military ncs	1806	cw	-409	wkg sx rlo2, rbl70 fr qsa
4.055,20	---		unid	1753	stanag-4285/600l	-209	encrypted, german?
4.055,20	---		unid	726	stanag-4285/600l	-209	encrypted from germany ?
4.055,20	dhj58		german navy glucksburg/saterland-ramsloh, d	2103	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.059,00	---		fisherman	1801	usb	-209	
4.059,50	drdk		german navy submarine u17	1833	usb	-209	clg dhj58 no reply
4.060,00	---		unid	1853	usb	-209	unid italian or spanish male/male simplex
4.060,00	0ef		unid multinational military net	2214	usb	-309	om/ee british sx wkg unid trigraphs
4.060,00	1zk		unid uk military?	1821	usb	-209	w/w t5c " weight is 4800 kg"
4.061,40	---		alg military	1210	coquelet-8 2 6.6	-409	tfc kry simplex
4.062,00	wzgm		rus/cis military	2204	cw	-309	working 7mne earlier with qyt 4
4.063,00	---		unid	1837	usb	-209	unid east european male/male shouting
4.064,00	---		unid uk intership?	1808	usb	-209	comms s/off after tuning in
4.064,00	---		unid	1602	usb	-209	unid italian or spanish male/male
4.065,00	fs20		algerian national guard, alg	2126	ale-usb snd	-409	clg "qm20"
4.065,00	je21		algerian national guard, alg	455	ale-usb snd	-509	clg "fs20"
4.065,00	qm20		algerian national guard, alg	2126	ale-usb snd	-409	clg "fs20"
4.065,00	xt20		algerian national guard, alg	2143	ale-usb snd	-409	clg "fs20"
4.067,10	---		tashkent meteo, rus	1843	fax 120/576	-109	vague,noisy pressureanalysis chart
4.067,20	---		tashkent meteo, uzb	1645	fax 120/576	-209	cdt1701,1731,1801,1831 cdt
4.068,00	---		unid	1859	stanag-4285/1200l	-209	encrypted from cyprus ?

4.073,00	p3z159	us army, irq	2120	ale-usb snd	-109	
4.073,00	t1z244	us army, irq	2107	ale-usb snd	-109	2137
4.073,00	t3z159	us army, irq	2212	ale-usb snd	-109	
4.077,00	---	unid	1610	usb	-209	unid italian or spanish male/male
4.078,00	w	unid	1139	cw	-309	qth colorado
4.079,00	rmp	rus/cis navy navy kaliningrad, rus	1736	cw	-209	reo de rmp rmp qtc 599 17t26 19s7 599 =
4.090,00	---	unid	1847	usb	-209	unid east european male/male
4.094,40	---	unid rus/cis military	1753	81-81 40.5/500	-109	encrypted/chipher
4.096,25	---	one-second dasher	1148	cw	-309	location ca
4.096,60	---	two-second dasher	1136	cw	-309	fair qth ca
4.097,40	kx	unid	1136	cw	-309	qth oklahoma
4.102,40	---	unid	629	coquelet-8 26,6	-209	tfc kry
4.104,00	---	unid rus/cis military	1755	mpsk-12/usb	-109	encrypted/chipher
4.105,00	---	unid rus/cis military	2213	81-81 81/250	-209	encrypted/chipher
4.112,60	---	unid military	2105	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.118,40	---	unid rus/cis military	2106	mpsk-12/usb	-109	encrypted/chipher
4.119,40	---	unid	1707	coquelet-8 26,6	-309	fc kry
4.120,00	5870	unid	2128	ale-usb snd	-209	
4.132,00	---	unid	1854	cw	-409	continuous vs
4.134,00	---	unid turk ?	1916	usb/stanag4285/600l	-209	opchat and stanag with kg84
4.134,70	---	unid rus/cis military	2252	rus-75 75/200	-209	encrypted/chipher
4.135,50	---	rus/cis military	1853	81-81 -/250	-409	idling in slow revs no cipher
4.137,00	---	rus/cis military	1638	ms-5 1440/usb	-109	in traffic
4.137,00	---	rus/cis military	2120	mpsk-12/usb	-309	encrypted/chipher
4.141,50	---	unid rus/cis military	2050	mpsk-12/usb	-109	encrypted/chipher
4.141,70	---	unid military	1821	nato-75 75/850	-609	encrypted/chipher
4.143,00	7lfz	unid rus/cis military	2020	cw	-509	comms check with at least lz1t and tvty.
4.144,50	---	unifil un forces lebanon	2155	usb	-109	eng/ fr accent
4.144,50	---	european navy exercice	1755	usb	-1208	eng d/x
4.144,50	1db	turkish navy ship, tur	2108	usb	-109	clg/wkg "1uh"
4.144,50	1uh	turkish navy	2040	usb	-109	tfc ing simplex
4.144,50	ib6	unid	1959	usb	-109	
4.145,90	---	italian navy	1109	usb	-1208	ita d/x
4.146,00	---	unid rus/cis military	530	usb	-209	russian fraffic simplex
4.146,00	idr	italian navy rome, i	2046	usb	-409	ita d/x
4.146,70	---	unid military	732	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
4.146,70	bpxl	iranian navy, irn	2034	rtty 75/850	-109	tfc kry
4.149,00	---	kertch radio, rus	1833	usb	-209	wx ing sintesized voice
4.149,00	ukg	kerch radio, ukr	1838	usb	-109	ukrainian coastal warnings
4.152,50	__bv	unid german navy ship	1351	usb/stanag	-509	c dhj59 / fading
4.152,50	drab	fgs schleswig-holstein destroyer	1357	usb/stanag	-509	germ w
4.152,50	dran	fgs augsburg frigate 120	1235	usb/stanag	-109	clg dhj59
4.152,50	drbd	fgs oldenburg f263, d	1325	usb	-209	clg dhj59 n.j
4.153,00	---	unid rus/cis military	2254	mpsk-12/usb	-209	encrypted/chipher

4.154,00	---	military	2012	nato 75/850	-409	encrypted/chipher
4.158,00	---	unid rus/cis military	2221	mpsk-12/usb	-109	encrypted/chipher
4.159,70	---	unid military	533	stanag-4285/300l/5n1/usb	-209	send short kg84 msgs
4.161,00	pbc	dutch navy ijumiden, hol	2110	nato-75 75/850	-109	encrypted/chipher
4.163,30	---	unid military	2112	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
4.165,00	art	mossad tel aviv, isr	1831	usb	-109	msg gr 112 gr 112 njxys
4.165,00	kpa	mossad tel aviv, isr	1735	usb	-509	gr (a) ing
4.165,60	---	unid military	633	stanag-4285/300l/5n1/usb	-209	idle
4.168,00	---	nato air defence modem	2151	link-11/psk-burst/slew	-109	snds like two stations in simplex
4.168,50	xss	ncs uk defence hf comm service	2002	ale-usb snd	-209	
4.170,00	---	military	1650	nato-75 75/850	-209	encrypted/chipher
4.172,00	---	unid military/nato ship	732	nato-100 100/850	-109	encrypted/chipher
4.172,00	pbb?	dutch navy den helder, hol ?	2148	nato-75 75/850	-109	with kg-84 encryption, intermittent
4.174,50	---	unid	2125	cw	-209	5-ltr groups
4.175,00	---	unid rus/cis military	2114	mpsk-12/usb	-109	encrypted/chipher
4.181,00	---	unid	1712	cw	-409	gr (a)
4.181,50	---	unid vessel	1130	arq 100/170	-1208	clg mkcv
4.189,00	---	rus/cis military	1949	mpsk-12/usb	-309	encrypted/chipher
4.191,00	---	japanese fishing net location unknown	31	cw	-309	
4.191,00	riw	russian navy	31	cw	-209	w/ "riw nr 337
4.197,00	---	unid rus/cis military	1557	rus-75 75/200	-109	encrypted/chipher
4.199,60	---	unid military	501	stanag-4285/600l/5n1/usb	-509	continuos tfc kry poor synch
4.203,20	---	unid military	2116	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.205,00	---	unid military	2138	rtty 75/850	-109	tfc ing 'from istlal'
4.207,00	---	petromar, irq	1721	arq 100/170	-409	tfc rou
4.207,00	---	petromar oil company	1819	arq	-309	roman / ending bulletin
4.207,50	2371000	olympia radio, grc	759	dsc 100/170	-109	calling 275261000 tanker zoja ii ylam
4.207,50	3669991	us coast guard boston, usa	818	dsc 100/170	-1208	callingthemselves for test
4.207,50	3669995	us coast guard portsmouth, usa	711	dsc 100/170	-309	calling their own as safety test
4.207,50	23200286	tug hms bustler, g	1206	unid	-1208	safety test with 002191000 lyngby mrcc
4.207,50	2371000	olympia radio, grc	759	dsc 100/170	-109	calling275261000 tanker zoja ii ylam
4.209,50	---	unid	2000	fec	-409	headers zczc pa8u zczc pa8i
4.209,50	tah	istanbul radio, tur	2200	fec 100/170	-109	rpt fec 'istanbul turk radyo'
4.209,50	xvg	haipong radio, vtn	2330	fec 100/170	-109	nw
4.210,50	a9m	hamala radio, bhr	2117	arq 100/170	-109	ch marker/cw id
4.212,00	ugc	sankt petersburg radio	1828	arq-cw	-309	marker
4.212,00	xsq	guangzhou radio, prc	2136	arq-cw	-309	id
4.214,00	idr	rome naval radio, i	1447	rtty 75/850	-109	unusual callband mmmms idr2i(0)/idr3i(0
4.214,00	idr4	italian navy roma, i	2121	rtty 75/850	-109	availability
4.214,50	udk2	murmansk radio, rus	1959	arq 100/170	-309	channel marker/cw id
4.215,00	---	unid brazil petrobras ?	423	arq	-309	idles & cw id "brpetrobras" into arq tfc
4.215,00	br	petrobras, b	617	arq 100/170	-209	tlx 0630 ch marker/cw id
4.215,00	xsg	shanghai radio, prc	1956	arq-cw	-409	id
4.216,00	tah	istanbul radio, tur	2044	arq 100/170	-109	ch marker/cw id

4.218,50	lzw24	varna radio, bul	2038	arq 100/170	-109	cw id
4.219,00	tah	istanbul radio, tur	2040	arq 100/170	-109	ch marker/cw id
4.222,20	---	fishermen	2054	usb	-409	fr d/x
4.224,00	---	israeli intel	2115	4-vft/psk 75/88	-209	ending at 2120, pilot on 4224
4.225,00	qv5b	m89	1751	cw	-209	7npe 7npe 7npe de qv5b qv5b v
4.225,20	idr/igj	italian navy rome, i	1656	stanag-4285/usb/300l/5n1	-209	short msgs in long pause
4.225,20	igj42	italian navy augusta, i	1900	stanag-4285/600l/5n1	-109	
4.228,20	pbc	dutch navy ijumiden, hol	2124	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.231,70	---	unid military	1718	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
4.234,00	nmn	camslant, chesapeake, usa	317	fax 120/576	-209	
4.237,00	t10cab	us army, irq	2137	ale-usb snd	-109	
4.237,00	t1z10	us army, irq	2144	ale-usb snd	-109	
4.237,00	t2z10	us army, irq	2200	ale-usb snd	-109	
4.237,00	t66cav	us army, irq	2137	ale-usb snd	-109	
4.238,00	vtp4	indonesian navy vishakhapatnam, ind	2127	cw	-109	vvv de
4.238,40	---	unid military	1721	stanag-4285/300l/5n1/usb	-309	continuos tfc kry
4.238,40	fue	french navy, brest, f	1907	stanag-4285/600l/ita2	-109	fakb fakb fakb de fue fue fue zbo 0 zfg 0
4.239,50	xss	ncs uk defence hf comm service	2050	ale-usb snd	-209	
4.241,20	---	unid military	504	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
4.244,00	dao24	global link network kiel/ruegen, d	1800	pactor-2	-209	tl1900,2000,2100 tl
4.250,50	heb24	global link network bern, sui	1956	pactor-3	-409	idling with cq de heb cw id
4.253,20	---	military	558	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
4.256,00	a9m	hamala radio, bhr	1919	pactor-gw	-209	encrypted/chipher/ch marker
4.258,50	xss	defence hf comm service forest moor, g	2204	ale-usb snd	-209	2233
4.259,00	sab	goeteborg radio, s	312	pactor-gw	-109	encrypted/chipher/ch marker
4.262,00	lfi	rogoland radio, nor	1922	pactor-gw	-209	encrypted/chipher/ch marker
4.263,20	---	unid military	310	stanag-4285/600l/5n1/usb	-109	idle
4.266,10	---	unid military	308	stanag-4285/600l/5n1/usb	-109	idle
4.270,00	pcd	mossad tel aviv, isr	644	usb	-109	gr (a) ing
4.270,00	pcd2	mossad tel aviv, isr	1904	usb	-109	repeated, no traffic
4.270,80	cfh	canadian military/forces halifax, can	2236	fax 120/576	-309	wx chart
4.270,90	cfh	canadian forces halifax, can	307	fax 120/576	-109	cdt 0401,0701,0801,2304 cdt
4.271,00	cfh	canadian forces halifax, can	2139	rtty 75/850	-109	wx 0748 wx
4.273,20	---	unid military	733	stanag-4285/600l/5n1/usb	-309	send kg84 msgs
4.273,50	hlf	seoul radio, kor	1924	pactor-gw	-209	encrypted/chipher/ch marker
4.274,00	projector	28-char ema	1930	usb	-209	lny6js first bcst by andrews at 1837
4.274,00	zsc	capetown radio ,afs	1925	pactor-gw	-209	encrypted/chipher/ch marker
4.275,50	xss	defence hf comm service forest moor, g	1037	ale-usb snd	-1208	
4.277,20	eba	spanish navy madrid, e	2038	stanag-4285/600l	-109	
4.280,00	pbb	dutch navy den helder/ijumiden, hol	1115	rtty 75/850	-209	carbs
4.280,00	yagr	unid	1830	cw	-209	simplex net, 5fg msgs for mjkm, zuk4
4.282,00	---	rus/cis military	1620	ms-5/vocoder	-1208	encrypted voice
4.288,60	fug	french navy la regine, f	2141	stanag-4285/usb/1200l/5n1	-109	continuos tfc kry
4.291,00	---	french navy	1724	fsk 50/850	-309	encrypted/chipher

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4.291,00	t2z211	us army, irq	1800	ale-usb snd	-109	
4.294,00	---	unid rus/cis military	1702	mpsk-12/usb	-209	encrypted/chipher
4.295,00	fue	french navy brest, f	1801	stanag-4285/600l/5n1	-209	tests rys sgs etc
4.299,20	---	unid military	2143	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.301,00	g05	polish military	1457	ale-usb snd	-309	clg g02
4.301,50	---	unid rus/cis air force	1704	fsk 25/199	-209	idle
4.304,00	---	unid rus/cis military	1843	rus-75 75/250	-209	encrypted/chipher
4.304,00	rgr66	russian navy	2153	cw	-309	sx wkg rje65 "zkm" encrypt morse msg
4.306,00	---	unid military	646	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.308,00	---	rus/cis military	250	mpsk-1212/usb	-109	encrypted/chipher
4.310,20	---	unid military	2145	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.314,20	---	unid military	2146	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.315,00	---	raf akrotiri, cyp	2031	stanag-4285/600l	-109	encrypted
4.317,90	nmg	us coast guard new orleans, usa	650	fax 120/576	-109	cdt 0655,0705,0715,0735,0750 cdt 0725
4.319,00	npn	us navy aftn feeder barrigada, gum	2144	usb	-109	px
4.321,00	mgj	ncs ukdefence hf comm service	259	rtty 75/850r	-209	carbs
4.322,00	gya	royal navy london, g	604	rtty 75/850	-309	availability
4.322,00	mgj	royal navy faslane/forest moor, g	1729	rtty 75/850	-309	channel marker
4.325,00	fub	french navy paris, f	249	fsk 50/850	-109	encrypted/chipher
4.326,00	r	cis navy beacon izhevsk, cis	1938	cw	-309	
4.331,00	4xz	israeli navy haifa, isr	2248	cw	-309	vvv de 4xz 4xz ==
4.332,00	4xz	israelian navy haifa, isr	1833	cw	-509	vvv de
4.338,00	fue	french navy brest, f	2157	fsk 50/850	-109	encrypted/chipher
4.344,00	---	unid	1841	rtty 50/500	-209	tfc kry
4.345,70	---	unid	2159	stanag-4285/300l/5n1/usb	-109	continuos tfc kry
4.346,00	---	unid rus/cis military	1833	bee 36-50 50/200	-209	tfc kry
4.346,00	---	unid rus/cis military	1834	cw	-209	tfc
4.347,00	sab	goeteborg radio, s	2200	pactor-gw	-109	encrypted/chipher/ch marker
4.350,60	idr	italian navy rome, i	607	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
4.352,00	---	unid rus/cis military	1706	mpsk-12/usb	-209	encrypted/chipher
4.352,00	---	unid rus/cis military	2105	cis-75 75/200	-209	encrypted/chipher
4.353,00	wtok	rus/cis military	2143	cw	-309	ends 25-group message to unid ra�ih bdkbd
4.359,50	---	unid rus/cis military	1728	bee 36-50 100/250	-309	tfc kry
4.361,20	---	unid	2206	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
4.362,50	---	unid rus/cis military	2103	81-81 81/100	-209	encrypted/chipher
4.363,00	---	monaco monte carlo radio, mco	1839	usb	-209	wx ing
4.366,00	---	unid rus/cis military	1710	cis-75 75/200	-209	encrypted/chipher
4.367,00	---	unid rus/cis military	1711	cis-75 75/200	-209	encrypted/chipher
4.370,00	---	unid	1714	usb	-209	vocoder tfc
4.372,00	xss	dhfcs ncs forrest moor, g	1414	ale-usb snd	-509	clg xss, hs, flwd by ser.t
4.375,00	---	cape town radio, afs	1818	usb	-209	nw \\8740,0 13146,0
4.375,50	---	unid	1715	fsk 100/170	-209	encrypted/chipher
4.377,00	---	unid rus/cis military	551	rus-75 75/200	-109	encrypted/chipher

4.379,00	1ja	unid	724	ale-usb snd	-409	to twc guardia civil?
4.391,00	---	unid rus/cis air force	1738	cw	-309	counting string
4.391,00	---	russian air defence pvo	2233	cw	-409	time strings, all 21 seconds in advance
4.393,00	k victor 7 victo r?	very weak voice transmissions	1544	usb	-409	voice & andvt.
4.393,00	kilo 4 kilo	unid	1544	usb	-409	weak voice/andtv transm
4.393,00	victor 7	unid	1544	usb	-409	weak voice/andtv transm
4.397,00	---	unid rus/cis military	536	cis-75 75/200	-209	encrypted/chipher
4.401,60	---	unid military	2208	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.401,60	eba	spanish navy madrid, e	1949	stanag-4285/600l	-109	encrypted, #
4.405,00	tah	istanbul radio, tur	1800	usb	-109	av/wx tur
4.410,00	---	fishermen	2034	cry-2001/usb	-509	analogue scrmabler several stations
4.411,00	---	unid rus/cis military	635	mpsk-12/usb	-209	encrypted/chipher
4.411,00	fav22	french army mont valerien, f	2136	cw	-109	gr (a) 'nr 54 j 19 j3 43 45 1987 bt
4.414,00	---	military	2120	stanag-4285/600l/5n1/usb	-409	send kg 84 msgs
4.416,00	vco	canadian coast guard sydney, can	2200	fax 120/576	-109	cdt 2258 cdt
4.423,00	jgoe	unid rus/cis military net control	1727	cw	-409	clg/wkg ... duplex
4.426,00	nmn	us coast guard chesapeake, usa	515	usb	-209	wx/nw //6501,0 8764,0
4.428,20	idr	italian navy roma, i	1745	stanag-4285/300l/5n2/usb	-509	avalability
4.428,20	ss4i	unid	1922	stanag-4285/600l/5n1	-509	idling. //ss4i(0)/ss3i(0)//. //ss4i(0)/ss3i(0)
4.428,80	---	unid	2155	rtty 75/850	-209	tfc kry
4.429,00	---	unid	2200	cw	-209	tfc 'ok ok as k'
4.433,10	---	unid military	1717	stanag-4285/600l/5n1/usb	-209	send kg8 4msgs
4.436,40	wnu	sliddel radio, usa	239	pactor-gw	-109	encrypted/chipher/ch marker
4.438,50	iasm	italian navy ship, i	2001	stanag-4285/600l/5n1/usb	-209	send kg84 msgs to idr
4.438,50	idr	italian navy rome, i	1959	usb	-209	clg/wkg iasm
4.440,00	---	unid rus/cis military	2213	rus-75 75/250	-109	encrypted/chipher
4.444,00	nni	nato/usn naples	942	link-11 2250/usb single-channel	-409	
4.445,00	---	unid rus/cis military	1720	mpsk-12/usb	-209	encrypted/chipher
4.447,00	---	unid rus/cis military	553	rus-75 75/250	-109	encrypted/chipher
4.447,00	nbn8	rus/cis military	1912	cw	-409	ends 19-group message to unid
4.454,00	---	unid rus/cis military	425	lsb	-509	tfc rus duplex
4.455,00	---	unid	236	usb	-109	tfc ara simplex with beep
4.456,00	yunv	russian military	1917	cw	-409	bcasts message to collective
4.457,00	2033	italian carabinieri, i	2208	ale-usb snd	-1108	to 2046 w/amd "dial4"
4.457,00	rhp	saudi military, ars	1940	ale-usb snd	-109	to aap
4.458,00	2010	turkish red crescent, tur	1743	ale-usb snd	-409	clg 2012
4.460,00	24091	moi/direction de la protection civile, mrc	2123	ale-usb snd	-209	
4.460,00	81aisofbs	iarqi milspecial operations forces "isof"	2114	ale-usb snd	-209	clg da2isofbs
4.462,00	bora	albanian police, alb	616	ale-usb snd	-309	clg "drini"
4.465,00	---	unid rus/cis military	1722	bee 36-50 50/200	-209	tfc kry
4.465,00	---	unid military	641	nato-75 75/850	-209	encrypted/chipher
4.466,00	---	french navy, f	234	fsk 50/850	-109	encrypted/chipher
4.468,00	---	unid	1725	fsk 74/170	-209	encrypted/chipher

4.469,00	---	nato fleet air defence	1440	link-11/usb single-channel tadil	-109	
4.472,00	station5	r&s station	1037	ale-usb snd	-1208	clg station3
4.476,00	p	slb kaliningrad	1915	cw	-509	
4.478,50	---	unid	615	cw	-309	tfc
4.480,00	---	unid rus/cis military	1733	mpsk-12/usb	-309	encrypted/chipher
4.482,90	svj4	athinai meteo, grc	910	fax 120/576	-109	cdt // 8106,9
4.484,50	rjk5	unid, rus	644	cw	-209	tfc/gr n
4.484,50	rwzd	unid, rus	644	cw	-209	clg/wkg rjk5
4.485,00	212	unid	200	ale-usb snd	-309	
4.486,35	---	unid	1837	fec 100/170	-209	tfc kry
4.487,50	---	rus/cis military	2114	mpsk-12/usb	-409	encrypted/chipher pilot tone at 3300 hz
4.490,00	---	unid cis ptt	640	cis-arq 100/500	-209	encrypted/chipher
4.490,00	---	unid cis ptt	639	fsk-cw	-209	tfc
4.490,50	---	unid rus/cis military	1846	mpsk-12/usb	-209	encrypted/chipher
4.490,80	---	unid military ?	1844	usb	-209	turkish traffic simplex
4.492,10	---	unid	1420	usb/ham-drm/mode-b/64qam/long int	-409	// 1616 4.65 khz // 0384 4.65,00 khz usb
4.496,40	olo32	czech intel bcast	1950	fec 100/160	-509	encrypted. off at 19:5 3.
4.498,00	---	unid rus/cis military	2226	mpsk-12/usb	-109	encrypted/chipher
4.505,00	---	unid	2055	usb	-209	tfc ara simplex with beep
4.505,00	123	algerian military	2213	ale-usb snd	-1208	clg vh30
4.505,00	ab30	algerian national guard, alg	2038	ale-usb snd	-309	sendmsgs to "ab31"
4.505,00	ab31	algerian national guard, alg	2037	ale-usb snd	-309	clg "ab30"
4.505,00	fs30	algerian military	2230	ale-usb snd	-1208	clg zt30
4.505,00	fs34	algerian military, alg	2248	ale-usb snd	-209	clg zt30
4.505,00	fs35	algerian military	2257	ale-usb snd	-109	clg zt30
4.505,00	kf30	algerian military	2252	ale-usb snd	-109	clg zt30
4.505,00	kf33	algerian national guard, alg	1836	ale-usb snd	-209	clg "kf34"
4.505,00	kf34	algerian national guard, alg	1901	ale-usb snd	-209	clg "kf33" 1919 clg "kf30"
4.505,00	kf35	algerian moi/army	2134	ale-usb snd	-209	contacts zt30
4.505,00	zt30	algerian national guard, alg	1801	ale-usb snd	-309	clg "kf34"
4.507,00	35	hungarian military 035 net	1656	ale-usb snd	-109	clg 093
4.507,00	35	hungarian military, hng	1642	ale-usb snd	-209	clg 093
4.509,70	---	unid military	2215	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.510,00	36007	irish navy	1525	usb/codan 75/	-109	clg 1999
4.510,00	36009 [cvva]	irish navy	1336	usb/codan 75/	-1208	clg 1999 [xsss] hs flwd by transm
4.515,00	---	rus/cis military	1615	81-81 -/500	-309	differential keying idles slow revs
4.515,00	9rm	eam bcasts	454	usb	-309	tk32mf and tk3y2m more "variation"
4.518,50	fdi22	french air force narbonne, f	2021	rtty 50/400	-409	ry+test+french foxes
4.520,00	kstmpna	prefectura naval argentina, arg	50	usb	-209	
4.522,00	11aisofbs	iraqi army, irq	2317	ale-usb snd	-209	clg "31aisofbs"
4.522,00	21a2bncm	iraqi army, irq	2258	ale-usb snd	-209	clg "21c2bncmd"
4.522,00	21aisofbs	iraqi army, irq	2258	ale-usb snd	-109	clg "ctcisofbs"
4.522,00	21c2bncm	iraqi army, irq	2318	ale-usb snd	-209	clg "11aisofbs"

4.522,00	21g2bncm	iraqi army, irq	2307	ale-usb snd	-209	clg "21a2bncmd"
4.522,00	31a3bncm	iraqi army, irq	2321	ale-usb snd	-209	clg "31c3bncmd"
4.522,00	31aisofbs	iraqi army, irq	2259	ale-usb snd	-109	clg "isofisofbs"
4.522,00	41aisofbs	iraqi army, irq	1854	ale-usb snd	-209	clg "61aisofbs"
4.522,00	61aisofbs	iraqi army, irq	1851	ale-usb snd	-209	clg "41aisofbs"
4.522,00	ctcisofbs	iraqi army, irq	1900	ale-usb snd	-209	clg "71aisofbs"
4.525,00	---	unid radar system, europe ?	1335	unid	-109	tent british isles, north or baltic sea ?
4.530,00	---	unid rus/cis military	555	cis-14 96/500	-109	tfc kry
4.530,00	drini	albanian moi/military, alb	1714	ale-usb snd	-209	clg mali
4.530,00	mali	albanian moi/military, alb	1714	ale-usb snd	-209	clg drini
4.532,70	---	unid military	539	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
4.537,50	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	1550	ale-usb snd	-209	
4.537,50	dbgz/bp26	bundespolizeiboot "eschwege", d	1830	ale-usb snd	-409	clg "lezsee"
4.537,50	dlgz/bp21	bundespolizeiboot "bredstedt", d	1626	ale-usb snd	-309	
4.537,50	lezsee	lage- und einsatzzentrum see cuxhaven, d	1821	ale-usb snd	-209	clg "bp24"
4.537,50	w03	bundespolizei ship, d	1831	ale-usb snd	-209	
4.537,50	wspan	bundespolizei oldenburg, d	2001	ale-usb snd	-209	
4.540,00	244	chinese military	2038	ale-usb snd	-209	clg "288"
4.540,00	288	chinese military, chn	2037	ale-usb snd	-209	clg "00" 2038 clg "00"
4.540,00	514	chinese military	1945	ale-usb snd	-409	clg "686"
4.540,00	5555	unid	1935	ale-usb snd	-209	
4.540,00	571	chinese military	1728	ale-usb snd	-409	clg "244"
4.540,00	686	chinese military, chn	2037	ale-usb snd	-209	clg "00"
4.540,00	rci	saudi arabian air force, ars	2133	ale-usb snd	-209	clg "nai" 2134,2135 clg "nai"
4.540,00	rcp	saudi arabian air force, ars	1801	ale-usb snd	-409	clg "nap"
4.540,00	rtw54	russian ptt	557	cis-arq 100/500	-109	encrypted/chipher
4.542,00	---	russian air defence pvo	1954	cw	-109	very busy plotting station from maciej
4.542,50	buron2	uzbek military	1810	ale-usb snd	-209	clg delta03rs1006
4.544,00	---	unid, prob rus/cis military	2040	cw	-109	msg "ya ya 98411 ya 32521 k"
4.545,00	---	swiss joint military/diplo net	2009	ale-usb snd	-409	aqcwith linking protect. masked id "@ta"
4.546,00	200101	unid	1939	ale-usb snd	-209	
4.548,00	---	rus/cis military	510	mpsk-12/usb	-409	encrypted/chipher
4.549,00	---	cis military, cis	500	81-81/81/250	-509	encrypted/chipher
4.549,00	---	unid rus/cis military	635	mpsk-12/usb	-209	encrypted/chipher
4.550,00	---	unid	1809	fsk 50/850	-109	encrypted/chipher
4.550,00	611615	nigerian national police force, nig	2231	ale-usb snd	-209	
4.550,00	d3	unid	1815	ale-usb snd	-309	clg "t7"
4.550,00	r15	unid	1742	ale-usb snd	-309	clg r02
4.550,00	t7	unid	1816	ale-usb snd	-309	clg "d3"
4.551,00	---	unid rus/cis military	647	mpsk-12/usb	-209	encrypted/chipher
4.554,00	---	unid rus/cis military	559	mpsk-12/usb	-109	encrypted/chipher
4.554,50	dlvh	german customs boat emden, d	745	arq	-509	w cuxhaven
4.555,00	---	fishermen	640	usb	-509	fr d/x
4.555,20	---	german coast guard cuxhaven, d	744	arq	-1208	german bulletin

4.555,20	dbgy/bp25	bundespolizeiboot "bayreuth", d	751	arq 100/170	-109	wkg cuxhaven
4.555,20	dlvb	zollboot "schleswig-holstein", d	903	arq	-209	positionsmeldung tokuewaz cuxhaven
4.555,20	dlvf	zollboot "glueckstadt", d	1744	arq	-309	ww cuxhaven 65212 dlvf x
4.555,20	dlvp	zollboot "kniepsand", d	911	arq	-309	posrep tocuxhaven
4.555,20	dlvy	zollboot "hamburg", d	856	arq	-309	posrep tocuxhaven
4.555,20	dlvz	zollboot "bremerhaven", d	936	arq	-309	ww cuxhaven
4.557,00	---	fishermen	716	usb	-509	fr d/x
4.557,00	fdi22	french air force narbonne, f	446	rtty 50/400	-309	ry/le brick-tape
4.557,80	d	cis navy mx beacon odessa	2239	cw	-309	
4.557,80	p	mx beacon kaliningrad	2312	cw	-209	with s-severomorsk 4557,90 khz
4.557,90	s	cis navy beacon arkhangelsk, rus	2218	cw	-109	qr a
4.558,00	a	mx marker	1529	cw	-109	tue cw a=astrakhan, very weak
4.558,00	c	cis navy beacon moskva, rus	2218	cw	-109	qr a
4.558,00	k	mx beacon	1642	cw	-109	cw khabarovsk
4.558,00	k/kmx	mx cis navy beacon khabarovsk	1642	cw	-109	
4.558,10	a	rus/cis navy astrakhan, rus	1948	cw	-209	beacon
4.560,00	tah	istanbul radio, tur	2001	fec	-209	sea forecast in turkish
4.560,00	yhf	mossad tel aviv, isr	2032	usb	-209	female voice calling yhf2
4.560,00	yhf2	mossad tel aviv, isr	2030	usb	-109	qr a
4.561,00	jpq	lithuanian navy hq klaipeda, ltu	1714	ale-usb snd	-309	clg m2s
4.561,00	txx2	guardia civil madrid, e	553	ale-usb snd	-509	clg "tzsm2"
4.561,00	tymt2	guardia civil toledo, e	528	ale-usb snd	-509	clg "txx2"
4.561,00	tzsm2	guardia civil malaga, e	553	ale-usb snd	-509	clg "txx2"
4.563,20	oua14	danish military aarhus, dnk	2220	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.566,00	---	unid rus/cis military	1739	mpsk-12/usb	-209	encrypted/chipher
4.566,00	---	unid rus/cis military	1738	usb	-209	russian fraffic duplex
4.566,40	vct	tors cove radio, can	2221	pactor-gw	-109	encrypted/chipher/ch marker
4.567,00	---	unid	608	cw	-109	tfc 'qsa ar'
4.567,50	---	unid	1601	fsk 100/160	-209	encrypted/chipher
4.570,00	---	unid cis ptt	652	fsk-cw	-209	tfc
4.570,00	---	unid cis ptt	649	cis-arq 100/500	-209	encrypted/chipher
4.571,50	---	unid	534	fsk 100/170	-409	encrypted/chipher
4.575,00	---	unid rus/cis military	603	fsk 50/500	-109	encrypted/chipher
4.575,00	n1z147	us army/ng ground st. & helo	1815	ale-usb snd	-509	also using 492 7.
4.575,00	r23607	us army/ng ground st. & helo	1815	ale-usb snd	-509	also using 492 7.
4.576,20	idn	nato napoli, i	2224	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.576,20	nni	nato naples, i	1935	stanag-4285/600l	-109	encrypted
4.577,00	---	m51	1854	cw	-209	bt 9921 54 ??0?????
4.582,00	---	unid rus/cis military	1830	bee 36-50/50/200	-509	tfc kry
4.582,00	nd21	algerian national guard, alg	1910	ale-usb snd	-109	clg "zt20"
4.583,00	ddh7	deutscher wetterdienst hamburg, d	5	rtty 50/450n	-209	
4.583,00	ddk2	hamburg/pinneberg meteo, d	2253	rtty 50/600	-309	wx rpts
4.584,00	---	unid rus/cis military	37	usb	-409	tfc rus duplex
4.586,00	7c1n	rus/cis military	1656	cw	-209	bcasts message qtc 265 27 1 1952 265 =

4.586,00	l2tn	russian military	2041	cw	-209	bcasts message to collective
4.590,00	6ww	french navy dakar, sen	40	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
4.592,00	1111	turkish trc ?	1855	ale-usb snd	-109	1925, 2127
4.593,00	---	unid	1736	usb	-209	tfc ara/fra
4.593,00	rai	saudi arabian air force, ars	1735	ale-usb snd	-409	clg "jai"
4.593,00	ran	possible saudi net	2130	ale-lsb	-209	contacts jan
4.596,00	---	unid	1956	ale-usb snd	-209	tfc kry simplex
4.598,00	---	unid rus/cis military	2226	rus-75 75/250	-109	encrypted/chipher
4.600,00	7112	nigerian national police force, nig	2246	ale-usb snd	-209	
4.600,00	cs001	macadonian forces, mkd	614	ale-usb snd	-409	clg "rs002"
4.600,00	rs002	macadonian forces, mkd	624	ale-usb snd	-409	clg "cs001"
4.600,00	rs004	macadonian forces, mkd	635	ale-usb snd	-409	clg "cs001"
4.600,00	rs005	macadonian forces, mkd	1703	ale-usb snd	-209	clg cs001
4.600,00	rs006	macadonian forces, mkd	629	ale-usb snd	-309	clg "cs001"
4.601,00	---	unid rus/cis military	605	rus-75 75/250	-109	encrypted/chipher
4.601,50	---	irish navy ship, irl	1708	arq 100/170	-109	clg/wkg "0a"
4.601,50	0a	irish navy hq haulbowline, irl	1125	arq 100/	-109	transm 5lgs
4.601,50	23	irish navy ship, irl	1741	arq 100/170	-109	clg/wkg "0a" 'oa de 23 int qrv zbo
4.601,50	39	irish navy ship, irl	1841	arq 100/170	-209	clg/wkg "0a"
4.601,50	45	irish navy ship, irl	1846	arq 100/170	-309	clg/wkg "0a"
4.601,50	57	irish navy ship irl	1715	arq 100/170	-109	clg/wkg "0a"
4.601,50	65	irish navy ship, irl	1835	arq 100/170	-209	clg/wkg "0a"
4.601,50	73	irish navy ship, irl	1721	arq 100/170	-109	clg/wkg "0a"
4.602,00	---	unid rus/cis military	2227	bee 36-50 50/250	-109	tfc kry
4.604,00	---	russian military	1801	ms-5/at3004d/dpsk/usb	-309	in traffic
4.604,00	red robin 32	civil air patrol in voice net	1330	usb	-509	
4.608,20	i?md	italian navyship, i	1732	usb	-209	wkg idr
4.608,20	idr	italian navy roma, i	1732	usb	-209	clg/wkg "md"
4.608,50	x16	unid	1632	ale-usb snd	-409	clg x01
4.608,50	y14	unid	815	ale-usb snd	-409	clg y16
4.608,50	y24	unid	1623	ale-usb snd	-409	clg yncs unid net-control-station
4.609,00	35	hungarian forces, hun	1907	ale-usb snd	-209	clg "082"
4.609,00	82	hungarian forces, hun	2007	ale-usb snd	-209	clg "035"
4.610,00	gya	royal navy london/northwood, g	2257	fax 120/576	-309	wx chart
4.614,00	---	unid rus/cis military	607	rus-75 75/250	-109	encrypted/chipher
4.614,00	---	unid	1733	usb	-209	tfc ara simplex
4.615,00	rs0013	unid	1847	ale-usb snd	-109	clg cs003
4.616,00	bmf	taipeh meteo, twn	2042	fax 120/576	-209	500 hpa height prognosis
4.617,00	---	unid	740	ale-usb snd	-509	no joy
4.618,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	2110	ale-usb snd	-209	contacts lezsee
4.618,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	452	ale-usb snd	-209	
4.618,00	lezsee	lage- und einsatzzentrum see cuxhaven, d	1608	ale-usb snd	-209	clg "bp24"
4.618,00	w03	bundespolizei ship, d	32	ale-usb snd	-209	

4.618,00	wspan	bundespolizei oldenburg, d	201	ale-usb snd	-209	
4.618,50	fdi22	french air force narbonne, f	849	rtty 50/400	-409	ry+test+french foxes
4.620,00	bi10bi99	algerian drs station, alg	2049	ale-usb snd	-409	clg "bi13bi99"
4.620,00	bi13bi99	algerian drs station, alg	2037	ale-usb snd	-409	clg "bi10bi99"
4.623,50	nnn0scv	usn/usmc mars net	1409	usb	-509	
4.623,50	nnn0wkc	usn/usmc mars net	1409	usb	-509	voice 11/may/2009
4.625,00	---	russian military channel marker "buzzer"	559	usb	-309	
4.625,00	---	unid	1940	cw	-509	75 75 888 1119 1119 1214 121 4
4.625,00	uvb76	unid moskva, rus	2028	usb	-109	buzzer
4.630,00	5555	unid	1652	ale-usb snd	-109	
4.630,00	ab01	algerian national guard, alg	822	ale-usb snd	-109	clg "zt01"
4.630,00	ab02	algerian national guard, alg	832	ale-usb snd	-109	clg "zt01"
4.630,00	bd01	algerian national guard, alg	810	ale-usb snd	-109	clg "zt01"
4.630,00	bd02	algerian national guard, alg	713	ale-usb snd	-109	clg "bd01"
4.630,00	bj01	algerian national guard, alg	724	ale-usb snd	-109	clg "xv01"
4.630,00	bt30	algerian national guard, alg	2033	ale-usb snd	-409	clg "fs30"
4.630,00	bt33	algerian national guard, alg	2042	ale-usb snd	-409	clg "fs30"
4.630,00	bt35	algerian national guard, alg	2031	ale-usb snd	-409	clg "fs30"
4.630,00	cb01	algerian national guard, alg	827	ale-usb snd	-109	clg "zt01"
4.630,00	cm01	algerian national guard, alg	737	ale-usb snd	-109	clg "zt01"
4.630,00	cm02	algerian national guard, alg	746	ale-usb snd	-109	clg "zt01"
4.630,00	cn01	algerian national guard, alg	818	ale-usb snd	-109	clg "bj01"
4.630,00	cn02	algerian national guard, alg	746	ale-usb snd	-109	clg "zt01"
4.630,00	cy01	algerian national guard, alg	800	ale-usb snd	-109	clg "zt01"
4.630,00	cy02	algerian national guard, alg	800	ale-usb snd	-109	clg "zt01"
4.630,00	cy02	algerian national guard, alg	831	ale-usb snd	-109	send msgs to "zt01"
4.630,00	dj01	algerian national guard, alg	737	ale-usb snd	-109	clg "zt01"
4.630,00	dj02	algerian national guard, alg	827	ale-usb snd	-109	clg "zt01"
4.630,00	fl01	algerian national guard, alg	815	ale-usb snd	-109	clg "zt01"
4.630,00	fl02	algerian national guard, alg	758	ale-usb snd	-109	clg "zt01"
4.630,00	fs30	algerian national guard, alg	2033	ale-usb snd	-409	clg "wa35"
4.630,00	gs01	algerian national guard, alg	752	ale-usb snd	-109	clg "zt01"
4.630,00	gs02	algerian national guard, alg	755	ale-usb snd	-109	clg "zt01"
4.630,00	lz01	algerian national guard, alg	1546	ale-usb snd	-109	clg "zt01"
4.630,00	mdn	algerian national guard, alg	810	ale-usb snd	-109	clg "zt01"
4.630,00	mt01	algerian national guard, alg	841	ale-usb snd	-109	clg "mt02"
4.630,00	qx02	algerian national guard, alg	941	ale-usb snd	-109	
4.630,00	st01	algerian military "xx01/0x-branch"	2330	ale-usb snd	-309	to zt01
4.630,00	vk01	algerian national guard, alg	815	ale-usb snd	-109	clg "cn01"
4.630,00	vk04	algerian national guard, alg	815	ale-usb snd	-109	clg "cn01"
4.630,00	wa30	algerian national guard, alg	1901	ale-usb snd	-409	clg "wa35"
4.630,00	wa33	algerian national guard, alg	2036	ale-usb snd	-409	clg "fs30"
4.630,00	wa35	algerian national guard, alg	1900	ale-usb snd	-409	clg "wa30"
4.630,00	xv01	algerian national guard, alg	723	ale-usb snd	-109	clg "bj01"

4.630,00	yg01	algerian national guard, alg	846	ale-usb snd	-109	clg "bj01"
4.630,00	yg02	algerian national guard, alg	911	ale-usb snd	-109	clg "zt01"
4.630,00	yh01	algerian national guard, alg	758	ale-usb snd	-109	clg "zt01"
4.630,00	zt01	algerian national guard, alg	757	ale-usb snd	-109	send msgs to "dj01"
4.633,00	---	rus/cis military	1844	mpsk-1212/usb	-109	encrypted/chipher
4.638,00	cp	unid	1817	ale-usb snd	-309	clg "zb"
4.638,00	zb	unid	1818	ale-usb snd	-309	clg "cp"
4.643,00	fuo?	unid	727	stanag-4285/1200l	-109	encrypted tfc, itu says fn toulon
4.643,00	idr	italian military roma, i	2229	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
4.645,00	---	tallin airport	1921	usb	-109	information wx
4.645,00	---	tallinn air, est	2134	usb	-409	info "this is tallin airport information'
4.647,90	812	unid illicit station	1623	cw	-309	
4.650,90	119	unid	2332	ale-usb snd	-309	incomplete call
4.650,90	1410	unid	18	ale-usb snd	-309	
4.650,90	1919	unid iraqi net	2034	ale-usb snd	-209	
4.650,90	66666	unid	1804	ale-usb snd	-409	
4.650,90	7018	unid	2110	ale-usb snd	-309	
4.650,90	73222	unid	2216	ale-usb snd	-309	
4.650,90	7417	unid	417	ale-usb snd	-309	
4.650,90	7444	unid	1838	ale-usb snd	-309	
4.655,50	---	unid rus/cis military	1731	lsb	-309	russian tfc duplex
4.659,00	av3h	unid	550	cw	-409	clg/wkg "uwat"
4.663,00	---	tashkent volmet vnca, uzb	2110	usb	-309	wx ing'tashkent out'
4.669,00	---	samarkand volmet, uzb	2142	usb	-409	clg/wkg tashkent
4.669,00	---	tashkent volmet, uzb	2142	usb	-409	wkg samarkand
4.675,00	---	shanwick/shannon volmet, irl	2131	usb	-409	tfc ing/selcall
4.675,00	---	mumbai volmet, ind	1851	usb	-109	wkg "saudia 993"
4.675,00	vfg	gander volmet, can	1846	usb	-109	wkg "canadian 1014"
4.680,00	---	unid	1816	usb	-409	tfc ara simplex
4.681,00	8	arinc johannesburg	1848	unid	-109	squitter
4.681,00	aaa	israeli air force tel aviv, isr	2005	ale-usb snd	-209	
4.681,00	bb2	unid airforce, isr	1717	ale-usb snd	-1208	
4.681,00	bb3	israeli air force, isr	1847	ale-usb snd	-209	
4.681,00	dd1	israeli air force, isr	1854	ale-usb snd	-209	
4.681,00	dd3	israeli air force, isr	2316	ale-usb snd	-109	
4.681,00	mn1	unid	1843	ale-usb snd	-209	190219322110
4.681,00	r38	israeli air force aircraft, isr	2044	ale-usb snd	-209	clg "aaa"
4.686,00	---	unid	730	stanag-4285/1200l	-109	encrypted tfc
4.700,00	---	unid	1811	usb	-209	tfc sla ?
4.700,00	---	unid	2111	ale-usb snd	-409	encrypted/chipher simplex protected link
4.703,00	owb	sar/rcc karup, dnk	1856	usb	-409	tfc dan simplex
4.703,00	owe	danish air force karup, dnk	1337	usb	-1208	dan d/x
4.703,50	nni	italian navy napoli, i	1631	isb/link-11/1364/6k	-109	radar data link
4.706,00	uke305	royal air force e-3d boeing sentry aew1	1316	ale-usb snd	-209	raf 8 sqn/no23 sqnwaddington clg xss

4.706,00	xss	raf dhfcs ncs forest moor, g		1316	ale-usb snd	-209	clg uke305 e-3dboeing sentry aew1 zh105
4.707,00	---	unid		802	ale-usb snd	-509	no joy
4.712,00	---	ufa radio ufa aero, rus		325	usb	-109	yl rr sx short ra/chs with perm radio
4.712,00	avrora	volgograd air, rus		1610	usb	-209	clg/wkg"sphora"
4.712,00	shpora	rostov na donu air, rus		1610	usb	-209	wkg "avrora"
4.712,50	---	swiss airforce, sui		1839	f1b 2 channel vft 100/170	-209	crypto
4.712,50	---	swiss air force, sui		748	fsk 100/170	-109	encrypted/chipher //4713,5 twins
4.713,50	---	unid		1949	fsk 100/170 acf=0	-509	
4.715,00	---	unid rus/cis military		1805	usb	-409	tfc rus simplex
4.718,00	---	sar/rcc kinloss rescue, g		525	usb	-509	tfc ing
4.721,00	adw	us air force andrews afb camp springs, usa		2154	ale-usb snd	-109	
4.721,00	aed	elmendorf afb, ak		313	ale-usb snd	-209	calling jty-yokota air base japan
4.721,00	cro	us air force croughton, g		1819	ale-usb snd	-109	
4.721,00	gbl	prob raf gibraltar on us scope comm. net		2307	ale-usb snd	-109	
4.721,00	gua	us air force andersen afb barrigada, gum		2123	ale-usb snd	-109	
4.721,00	haw	us air force wideawake, asc		1909	ale-usb snd	-109	
4.721,00	hik	hickam afb, hawaii		328	ale-usb snd	-209	
4.721,00	icz	us navy sigonella, i		1748	ale-usb snd	-109	
4.721,00	idr	italian navy rome, i		1734	usb	-209	s5w da idr
4.721,00	jdg	us navy diego garci,a dga		1849	ale-usb snd	-109	1921 clg "gua"
4.721,00	jnr	us navy salinas ab roosvelt roads, prt		2145	ale-usb snd	-109	
4.721,00	jty	us air force yokota, j		1748	ale-usb snd	-109	1918,1943 clg "gua" 1919 clg "jdg"
4.721,00	pla	us air force lajes, azr		1856	ale-usb snd	-109	
4.721,00	uke303	royal air force waddington, g		1638	ale-usb snd	-309	e3d sentry aew1 zh103 8/23 sqn raf
4.723,00	idr	italian navy rome, i		1738	nato-100 100/850	-209	encrypted/chipher
4.724,00	---	us air force andrews afb, usa		2002	usb	-209	eam
4.724,00	---	us air force/navy ?		1748	usb	-209	eam broadcast relay andrews male voice
4.728,00	---	acc samara radio, rus		1733	usb	-409	wkg ashkhabad
4.728,00	---	acc ashkhabad radio, tkm		1746	usb	-409	clg/wkg kranovdosk
4.728,00	---	acc krasnovodsk radio, tkm		1746	usb	-409	wkg ashkhabad
4.732,00	mkl	amcc northwood, g		2235	nato-75 75/850	-109	encrypted/chipher
4.742,00	ascot6511	royal air force flight		525	usb	-309	om/ee wkg tascomm w/statrep
4.742,00	ascotx530	w tascom		941	usb	-309	eng
4.743,00	reach 468	unid us air force flight		217	usb	-409	clg sigonella & andrews
4.751,00	txx1	guardia civile madrid, e		1855	ale-usb snd	-309	clg "twcg2"
4.752,00	---	orenburg meteo, rus		137	usb	-409	yl rr volmet fr orenburg only & end
4.755,00	---	rus/cis military		1950	ms-5/at3004d/dpsk/usb	-109	in traffic
4.755,00	---	unid rus/cis military		609	mpsk-12/usb	-109	encrypted/chipher
4.757,50	---	unid		537	fsk 100/170	-409	encrypted/chipher
4.760,00	---	unid rus/cis military		543	mpsk-12/usb	-209	encrypted/chipher
4.771,00	diamanti	albanian moi/military, alb		1704	ale-usb snd	-209	clg drini
4.771,00	drini	albanian moi/military, alb		1704	ale-usb snd	-209	clg diamant
4.775,00	---	unid radar system not central europe?		2340	unid	-109	radar "zipppps" from abt 4760 to 4790 khz

4.778,20	---	unid	734	stanag-4285/600l	-109	encrypted tfc
4.790,00	a20	unid	1110	usb/ham-drm/mode-b/16qam	-109	short interl msc crc error
4.790,00	call01	unid	453	ham-drm/mode b/l/qam 16/2,50 khz/usb	-109	melp-codec texts "test0001"
4.790,00	call02	unid	1040	usb/ham-drm/mode-b/16qam	-109	long interl
4.793,00	og700m	unid	630	ale-usb snd	-209	clg "od710m1" 0636 clg "af720m1"
4.795,00	35	hungarian military	1007	ale-usb snd	-209	clg 082
4.795,00	82	hungarian forces, hun	608	ale-usb snd	-409	clg "035"
4.795,00	93	hungarian forces, hun	743	ale-usb snd	-409	
4.795,00	35	hungarian forces, hng	1806	ale-usb snd	-109	clg "082"
4.796,00	g02	polish forces	609	ale-usb snd	-309	clg "g01" 0616,0654 clg "g03"
4.796,00	g03	unid	1025	ale-usb snd	-309	clg g04
4.796,00	g04	unid	1024	ale-usb snd	-309	clg g03
4.796,00	g05	unid	1007	ale-usb snd	-309	clg g02
4.799,00	pdehtek	unid	0	cw	-109	clg "reepelsteeltje"
4.800,00	---	unid rus/cis military	544	cis-75 75/250	-209	encrypted/chipher
4.805,00	yh40	algerian national guard, alg	1920	ale-usb snd	-109	clg "yh53"
4.805,00	yh43	algerian national guard, alg	711	ale-usb snd	-109	clg "yh47"
4.805,00	yh47	algerian national guard, alg	711	ale-usb snd	-109	clg "yh43"
4.805,00	yh48	algerian national guard, alg	1735	usb	-109	vocoder tfc
4.805,00	yh52	algerian national guard, alg	1735	usb	-109	vocoder tfc
4.805,00	yh53	algerian national guard, alg	704	ale-usb snd	-109	clg "yh40"
4.805,00	yh55	algerian national guard, alg	1625	usb	-209	vocoder tfc
4.805,00	yh56	algerian national guard, alg	701	ale-usb snd	-109	clg "yh58"
4.805,00	yh59	algerian national guard, alg	1653	ale-usb snd	-209	clg "yh58"
4.805,00	yh60	algerian national guard, alg	1657	ale-usb snd	-209	clg "yh53"
4.805,00	yh78	algerian national guard, alg	725	usb	-109	vocoder tfc
4.805,00	zt40	algerian national guard, alg	1623	ale-usb snd	-209	clg "yh55"
4.810,10	fuf	french navy fort de france, mrt	809	stanag-4285/600l/3300	-309	crypto traffic
4.812,00	bk71	algerian national guard, alg	1107	ale-usb snd	-409	clg "gs48"
4.812,00	gs40	algerian national guard, alg	645	ale-usb snd	-409	clg "gs48"
4.812,00	gs43	algerian national guard, alg	549	ale-usb snd	-409	clg "gs40"
4.812,00	gs53	algerian national guard, alg	618	ale-usb snd	-409	clg "gs55"
4.814,00	---	unid rus/cis military	1841	rus-75 75/200	-109	encrypted/chipher
4.815,50	con1	unid pos polish military	950	ale-usb snd	-409	clg con2
4.815,50	con2	unid pos polish military	950	ale-usb snd	-409	clg con1
4.816,00	---	unid	1658	cw	-209	gr (n)rpt groups '= = 733 733 1t4 1t4
4.818,00	---	unid rus/cis military	1948	bee 36-50 50/200	-209	encrypted/chipher
4.819,00	ltjq	unid "=50=" station military ?, cis	520	rtty 50/500	-109	5fgs to lenj
4.825,00	---	unid	1736	fsk 100/170	-209	encrypted/chipher
4.825,00	rmp	rn baltic sea fleet hq kaliningrad, rus	2120	usb	-109	wkg dx rgv82, qsx 8340 khz; phone id
4.826,00	7dle	unid	535	cw	-109	clg/wkg "pljg" 0541 clg/wkg "txkn" 0550
4.828,00	---	russian military	1629	cis-75 75/250	-109	mostly in cipher
4.828,50	curly	unid	2108	ale-usb snd	-509	frequencies in use 4893 4828,50 4820 4775 4440
4.828,50	larry	unid	2108	ale-usb snd	-509	frequencies in use 7451 6885 5804 5773 4927

4.829,50	---	unid	1738	fsk 100/170	-209	encrypted/chipher
4.840,00	---	rus/cis military	541	mpsk-12/usb	-409	encrypted/chipher
4.840,00	iea405	corpo carabinieri ancona/falconara, i	636	lsb	-209	wkh iet32
4.840,00	iet32	corpo carabineriri ancona, i	630	lsb	-109	om/ii, id as "32" clg 560, 563, 572, 581
4.840,00	iet32	corpo carabinieri ancona, i	631	lsb	-209	clg/wkg ....
4.840,00	iet563	corpo carabinieri osimo, i	637	lsb	-209	clg/wkg iet32
4.840,00	iet57	corpo carabinerir imacerata, i	632	lsb	-309	wkg iet32
4.840,00	iet570	corpo carabinieri camerino, i	638	lsb	-209	clg/wkg iet32
4.840,00	iet572	corpo carabinieri tolentino, i	535	lsb	-509	wkg iet32
4.840,00	iet581	corpo carabanieri novafeltria, i	636	lsb	-309	wkg iet32
4.840,00	iet582	corpo carabinieri fossombrone, i	639	lsb	-209	clg/wkg iet32
4.840,00	iet59	corpo carabanieri ascoli piceno, i	633	lsb	-309	wkg iet32
4.840,00	iet590	corpo carabanieri fermo, i	635	lsb	-309	wkg iet32
4.840,00	iet591	corpo carabanieri s. benedetto del tronto, i	635	lsb	-309	clg/wkg iet32
4.840,00	iet592	corpo carabinieri montegiorgio, i	640	lsb	-209	clg/wkg iet32
4.842,60	---	unid	1714	fsk 250/170	-409	encrypted/chipher 2040 encrypted/chipher
4.845,00	---	unid	517	fsk-cw	-509	tfc/gr(n
4.845,00	g05	polish military	1457	ale-usb snd	-309	clg g02
4.847,80	iea20	corpo carabinieri roma, i	800	rtty 50/170	-209	tfc kry //7595,8 mask1
4.848,00	t2z211	us army, irq	1632	ale-usb snd	-209	1703, 1733, 1803, 1833
4.848,00	tc2149	us army, irq	1636	ale-usb snd	-209	1706, 1736, 1806, 1836
4.850,00	---	unid rus/cis military	705	rtty 50/500	-109	tfc kry
4.850,00	---	unid	1924	fsk 373/800	-309	encrypted/chipher
4.850,00	ie598	unid corpo carabanieri, i	838	lsb	-309	wkg iea20
4.850,00	iea20	corpo carabinieri roma, i	834	lsb	-109	clg/wkg
4.850,00	iea21	corpo carabinieri torino, i	915	lsb	-1208	clg/wkg iea20 dipendente iea21
4.850,00	iea22	corpo carabinieri genova, i	835	lsb	-109	wkg iea20
4.850,00	iea23	corpo carabinieri milano, i	835	lsb	-109	wkg iea20
4.850,00	iea24	corpo carabinieri venezia, i	907	lsb	-209	wkg iea20
4.850,00	iea25	corpo carabinieri bolzano, i	836	lsb	-109	wkg iea20
4.850,00	iea26	corpo carabinieri padova, i	836	lsb	-109	wkg iea20
4.850,00	iea260	corpo carabinieri padova, i	926	lsb	-209	wkg iea20
4.850,00	iea40	corpo carabinieri roma, i	840	lsb	-109	wkg iea20
4.850,00	iea405	corpo carabinieri ancona/falconara, i	759	lsb	-509	clg/wkg iea20
4.850,00	iea406	corpo carabinieri bari palese, i	922	lsb	-109	wkg ieu43
4.850,00	iea413	corpo carabinieri bologna, i	913	lsb	-109	wkg iea20
4.850,00	iea414	corpo carabinieri venezia/tessera, i	910	lsb	-209	wkg iea86
4.850,00	iea51	corpo carabanieri torino, i	802	lsb	-409	wkg iea20
4.850,00	iea510	corpo carabinieri pinerolo, i	914	lsb	-1208	clg/wkg iea20 dipendente iea21
4.850,00	iea514	corpo carabinieri rivoli, i	918	lsb	-1208	clg/wkg iea20 dipendente iea21
4.850,00	iea515	corpo carabinieri chieri, i	851	lsb	-209	wkg iea20
4.850,00	iea517	corpo carabinieri coi, i	849	lsb	-209	wkg iea20
4.850,00	iea52	corpo carabinieri aosta, i	855	lsb	-209	wkg iea20
4.850,00	iea530	corpo carabinieri biella, i	857	lsb	-209	wkg iea20

4.850,00	iea531	corpo carabanieri borgo sesia, i	759	lsb	-409	wkg iea20
4.850,00	iea560	corpo carabanieri canelli, i	900	lsb	-309	wkg iea20
4.850,00	iea574	corpo carabanieriribra, i	914	lsb	-309	wkg iea20
4.850,00	iea575	corpo carabanieri borgo san dalmazzo, i	906	lsb	-309	wkg iea20
4.850,00	iea600	unid corpo carabanieri, i	845	lsb	-109	clg/wkg iea20
4.850,00	iea63	corpo carabinieri monza, i	853	lsb	-109	clg/wkg iea20
4.850,00	iea631	corpo carabinieri desio, i	800	lsb	-409	wkg iea20
4.850,00	iea633	corpo carabinieri rho, i	924	lsb	-109	wkg iea20
4.850,00	iea634	corpo carabinieri seregno, i	838	lsb	-109	wkg iea20
4.850,00	iea635	unid corpo carabanieri, i	838	lsb	-109	wkg iea20
4.850,00	iea66	corpo carabinieri como, i	922	lsb	-109	wkg iea20
4.850,00	iea661	corpo carabinieri cantu, i	933	lsb	-109	wkg iea20
4.850,00	iea68	corpo carabinieri pavia, i	916	lsb	-109	wkg iea20
4.850,00	iea682	corpo carabinieri stradella, i	917	lsb	-109	wkg iea20
4.850,00	iea71	corpo carabinieri mantova, i	849	lsb	-109	wkg iea20
4.850,00	iea710	corpo carabinieri gonzaga, i	844	lsb	-409	wkg iea20
4.850,00	iea711	corpo carabinieri viadana, i	857	lsb	-109	wkg iea20
4.850,00	iea72	corpo carabinieri cremona, i	909	lsb	-109	wkg iea20
4.850,00	iea73	corpo carabinieri bergamo, i	842	lsb	-109	wkg iea20
4.850,00	iea731	corpo carabinieri zogno, i	756	lsb	-409	wkg iea63
4.850,00	iea732	corpo carabinieri clusone, i	841	lsb	-109	wkg iea20
4.850,00	iea74	corpo carabinieri sondrio, i	844	lsb	-109	wkg iea20
4.850,00	iea740	corpo carabinieri tirano, i	845	lsb	-109	wkg iea20
4.850,00	iea741	unid corpo carabanieri, i	845	lsb	-109	wkg iea20
4.850,00	iea760	corpo carabinieri este, i	902	lsb	-109	wkg iea20
4.850,00	iea761	unid corpo carabinieri, i	903	lsb	-109	wkg iea20
4.850,00	iea762	unid corpo carabanieri, i	834	lsb	-209	wkg iea20
4.850,00	iea763	unid corpo carabanieri, i	855	lsb	-209	wkg iea86
4.850,00	iea77	corpo carabinieri verona, i	904	lsb	-109	wkg iea20
4.850,00	iea770	unid corpo carabinieri, i	905	lsb	-109	wkg iea20
4.850,00	iea772	unid corpo carabinieri, i	905	lsb	-109	wkg iea20
4.850,00	iea773	unid corpo carabinieri, i	907	lsb	-109	wkg iea20
4.850,00	iea774	unid corpo carabinieri, i	906	lsb	-109	wkg iea20
4.850,00	iea78	corpo carabinieri vicenza, i	842	lsb	-109	wkg iea20
4.850,00	iea780	corpo carabinieri bassano del grappa, i	750	lsb	-509	wkg iea78
4.850,00	iea781	unid corpo carabinieri, i	852	lsb	-109	wkg iea20
4.850,00	iea782	unid corpo carabinieri, i	853	lsb	-109	wkg iea20
4.850,00	iea783	corpo carabinieri thiene, i	848	lsb	-209	wkg iea86
4.850,00	iea79	corpo carabinieri treviso, i	850	lsb	-109	wkg iea20
4.850,00	iea791	corpo carabinieri vittorio veneto, i	849	lsb	-209	wkg iea86
4.850,00	iea792	unid corpo carabinieri, i	851	lsb	-109	wkg iea20
4.850,00	iea793	unid corpo carabinieri, i	852	lsb	-109	wkg iea20
4.850,00	iea81	corpo carabinieri venezia, i	850	lsb	-209	wkg iea86
4.850,00	iea810	corpo carabinieri mestre, i	901	lsb	-109	wkg iea20

4.850,00	iea811	corpo carabinieri portogruaro, i	900	lsb		-109	wkg iea20
4.850,00	iea812	unid corpo carabinieri, i	928	lsb		-109	wkg iea20
4.850,00	iea813	unid corpo carabinieri, i	912	lsb		-109	wkg iea20
4.850,00	iea82	corpo carabinieri rovigo, i	854	lsb		-109	wkg iea20
4.850,00	iea820	corpo carabinieri adria, i	854	lsb		-109	wkg iea20
4.850,00	iea821	corpo carabinieri castelmassa, i	855	lsb		-109	wkg iea20
4.850,00	iea85	corpo carabinieri lecco, i	817	lsb		-409	wkg iea20
4.850,00	iea86	corpo carabinieri belluno, i	858	lsb		-109	wkg iea20
4.850,00	iea860	corpo carabinieri cortina d' ampezzo, i	856	lsb		-109	wkg iea20
4.850,00	iea861	corpo carabinieri bassano del grappa, i	909	lsb		-109	wkg iea20
4.850,00	iea87	corpo carabinieri udine, i	917	lsb		-209	wkg iea20
4.850,00	iea870	corpo carabinieri tolmezzo, i	911	lsb		-209	wkg iea20
4.850,00	iea871	corpo carabinieri palmanova, i	914	lsb		-209	wkg iea20
4.850,00	iea872	corpo carabinieri tarvisio, i	912	lsb		-209	wkg iea20
4.850,00	iea873	corpo carabinieri cividale de friuli, i	913	lsb		-209	wkg iea20
4.850,00	iea874	unid corpo carabanieri, i	857	lsb		-309	wkg iea20
4.850,00	iea88	corpo carabinieri pordenone, i	744	lsb		-509	wkg iea20
4.850,00	iea880	corpo carabinieri sacile, i	924	lsb		-209	wkg iea20
4.850,00	iea89	corpo carabanieri gorizia, i	855	lsb		-309	wkg iea26
4.850,00	iea890	corpo carabanieri monfalcone, i	916	lsb		-209	wkg iea20
4.850,00	iea891	corpo carabanieri gradisca di isonzo, i	906	lsb		-309	wkg iea20
4.850,00	iea91	corpo carabinieri trieste, i	918	lsb		-209	wkg iea20
4.850,00	iea910	corpo carabinieri muggia, i	921	lsb		-209	wkg iea20
4.850,00	iea911	corpo carabinieri aurisina, i	915	lsb		-209	wkg iea20
4.850,00	iea946	corpo carabinieri venezia, i	857	lsb		-109	wkg iea20
4.850,00	iet31	corpo carabinieri bologna, i	836	lsb		-109	wkg iea20
4.850,00	iet32	corpo carabinieri ancona, i	836	lsb		-109	wkg iea20
4.850,00	iet33	corpo carabinieri firenze, i	837	lsb		-109	wkg iea20
4.850,00	iet34	corpo carabinieri perugia, i	837	lsb		-109	wkg iea20
4.850,00	iet35	corpo carabinieri roma, i	837	lsb		-109	wkg iea20
4.850,00	iet36	corpo carabinieri cagliari, i	837	lsb		-109	wkg iea20
4.850,00	iet511	corpo carabinieri ivrea, i	934	lsb		-109	wkg iea20
4.850,00	iet513	corpo carabinieri molinella, i	952	lsb		-109	wkg iea20
4.850,00	iet514	unid corpo carabanieri, i	850	lsb		-109	wkg iea20
4.850,00	iet52	corpo carabinieri ferrara, i	859	lsb		-109	wkg iea20
4.850,00	iet522	corpo carabinieri cento, i	902	lsb		-109	wkg iea20
4.850,00	iet523	corpo carabinieri copparo, i	901	lsb		-109	wkg iea20
4.850,00	iet53	corpo carabinieri ravenna, i	915	lsb		-109	wkg iea20
4.850,00	iet531	corpo carabinieri lugo, i	918	lsb		-109	wkg iea20
4.850,00	iet532	corpo carabinieri cervia, i	904	lsb		-109	wkg iea20
4.850,00	iet54	corpo carabinieri forli, i	855	lsb		-109	wkg iea20
4.850,00	iet540	corpo carabinieri cesena, i	855	lsb		-109	wkg iea20
4.850,00	iet541	corpo carabinieri meldola, i	857	lsb		-109	wkg iea20
4.850,00	iet542	corpo carabanieri cesenatico, i	903	lsb		-309	wkg iet31

4.850,00	iet543	corpo carabinieri meldola, i	857	lsb	-109	wkg iea20
4.850,00	iet55	corpo carabanieri rimini, i	902	lsb	-309	wkg iet31
4.850,00	iet560	corpo carabinieri jesi, i	812	lsb	-509	wkg iea20
4.850,00	iet57	corpo carabinieri macerata, i	814	lsb	-509	wkg iea20
4.850,00	iet571	corpo carabinieri civitanova marche, i	757	lsb	-509	wkg iea20
4.850,00	iet58	corpo carabinieri pesaro, i	803	lsb	-509	wkg iea20
4.850,00	iet580	corpo carabinieri urbino, i	828	lsb	-509	wkg iea20
4.850,00	iet59	corpo carabinieri ascoli piceno, i	748	lsb	-509	wkg iea20
4.850,00	iet591	corpo carabinieri s. benedetto del tronto, i	750	lsb	-509	wkg iea20
4.850,00	iet592	corpo carabinieri montegiorgio, i	750	lsb	-509	wkg iea20
4.850,00	iet593	corpo carabinieri eboli, i	751	lsb	-509	wkg iea20
4.850,00	iet61	corpo carabinieri parma, i	858	lsb	-109	wkg iea20
4.850,00	iet611	corpo carabinieri salso maggiore, i	912	lsb	-109	wkg iea20
4.850,00	iet612	corpo carabinieri borgo val di taro, i	914	lsb	-109	wkg iea20
4.850,00	iet63	corpo carabinieri reggio emilia, i	849	lsb	-109	wkg iea20
4.850,00	iet631	corpo carabinieri castelnuovo, i	928	lsb	-109	wkg iea20
4.850,00	iet64	corpo carabinieri modena, i	851	lsb	-109	wkg iea20
4.850,00	iet640	corpo carabinieri carpi, i	853	lsb	-109	wkg iea20
4.850,00	iet641	corpo carabanieri sassuolo, i	859	lsb	-309	wkg iet31
4.850,00	iet642	unid corpo carabanieri, i	854	lsb	-109	wkg iea20
4.850,00	iet66	corpo carabanieri firenze, i	818	lsb	-409	wkg iea20
4.850,00	iet662	corpo carabinieri signa, i	819	lsb	-409	wkg iea20
4.850,00	iet663	corpo carabinieri borgo san lorenzo, i	819	lsb	-409	wkg iea20
4.850,00	iet667	corpo carabinieri unid, i	826	lsb	-409	wkg iea20
4.850,00	iet670	corpo carabinieri montecatini terme, i	900	lsb	-209	wkg iea20
4.850,00	iet671	corpo carabinieri san marcello, i	823	lsb	-509	wkg iea20
4.850,00	iet68	corpo carabanieri arezzo, i	845	lsb	-209	wkg iea20
4.850,00	iet683	corpo carabanieri, i	848	lsb	-209	wkg iea20
4.850,00	iet69	corpo carabanieri siena, i	842	lsb	-209	wkg iea20
4.850,00	iet691	corpo carabanieri poggibonsi, i	824	lsb	-409	wkg iea20
4.850,00	iet71	corpo carabanieri livorno, i	839	lsb	-209	wkg iea20
4.850,00	iet710	corpo carabinieri piombino, i	750	lsb	-409	wkg iea20
4.850,00	iet72	corpo carabanieri massa, i	827	lsb	-409	wkg iea20
4.850,00	iet74	corpo carabanieri lucca, i	841	lsb	-209	wkg iea20
4.850,00	iet740	corpo carabinieri viareggio, i	808	lsb	-509	clg iea20
4.850,00	iet741	corpo carab. castelnuovo di garfagnana, i	822	lsb	-409	wkg iea20
4.850,00	iet75	corpo carabanieri p..., i	825	lsb	-409	wkg iea20 0833 wkg iea20
4.850,00	iet76	corpo carabanieri grosseto, i	840	lsb	-209	wkg iea20
4.850,00	iet760	corpo carabanieri orbetello, i	849	lsb	-209	wkg iea20
4.850,00	iet763	corpo carabanieri pitigliano, i	840	lsb	-209	wkg iea20
4.850,00	iet77	corpo carabinieriperugia, i	856	lsb	-109	wkg iet34
4.850,00	iet770	corpo carabinieri citta di castello, i	857	lsb	-109	wkg iet34
4.850,00	iet771	corpo carabinieri spoleto, i	856	lsb	-109	wkg iet34
4.850,00	iet772	corpo carabinieri gubbio, i	857	lsb	-109	wkg iet34

4.850,00	iet773	corpo carabinieri foligno, i	907	lsb	-109	clg/wkg iea20
4.850,00	iet774	corpo carabinieri assisi, i	858	lsb	-109	wkg iet34
4.850,00	iet775	corpo carabinieri citta della pieve, i	904	lsb	-109	clg/wkg iet34
4.850,00	iet776	corpo carabinieri todi, i	859	lsb	-109	wkg iet34
4.850,00	iet777	corpo carabinieri norcia, i	900	lsb	-109	wkg iet34
4.850,00	iet78	corpo carabinieri terni, i	900	lsb	-109	wkg iet34
4.850,00	iet780	corpo carabinieri orvieto, i	911	lsb	-109	wkg iea20
4.850,00	iet781	corpo carabinieri amelia, i	925	lsb	-109	clg/wkg iea20
4.850,00	iet83	corpo carabinieri latina, i	747	lsb	-409	wkg iea20
4.850,00	ieu41	corpo carabinieri napoli, i	838	lsb	-109	wkg iea20
4.850,00	ieu410	corpo carabanieri napoli, i	852	lsb	-309	wkg iea20
4.850,00	ieu42	corpo carabinieri catanzaro, i	838	lsb	-109	wkg iea20
4.850,00	ieu43	corpo carabinieri bari, i	838	lsb	-109	wkg iea20
4.850,00	ieu44	corpo carabinieri pescara, i	838	lsb	-109	wkg iea20
4.850,00	ieu45	corpo carabinieri palermo, i	838	lsb	-109	wkg iea20
4.850,00	ieu46	corpo carabinieri campobasso, i	839	lsb	-109	wkg iea20
4.850,00	ieu52	corpo carabinieri castello, i	827	lsb	-509	wkg iea20
4.850,00	ieu524	corpo carabanieri castellamare, i	834	lsb	-309	wkg iea20
4.850,00	ieu525	corpo carabanieri unid, i	834	lsb	-309	wkg iea20
4.850,00	ieu53	corpo carabinieri benevento, i	818	lsb	-509	wkg iea20
4.850,00	ieu530	corpo carabinieri cerreto sannita, i	854	lsb	-209	wkg iea20
4.850,00	ieu532	corpo carabinieri san bartolomeo, i	813	lsb	-509	wkg iea20
4.850,00	ieu54	corpo carabinieri caserta, i	907	lsb	-209	wkg iea20
4.850,00	ieu541	corpo carabinieri aversa, i	908	lsb	-209	wkg iea20
4.850,00	ieu543	corpo carabinieri mondargone, i	915	lsb	-209	wkg iea20
4.850,00	ieu547	corpo carabinieri casal di principe, i	822	lsb	-509	wkg iea20
4.850,00	ieu570	corpo carabanieri castrovillari, i	730	lsb	-409	wkg iea20
4.850,00	ieu576	corpo carabanieri scalea, i	734	lsb	-409	wkg iea20
4.850,00	ieu59	corpo carabinieri salerno, i	901	lsb	-209	wkg iea20
4.850,00	ieu590	corpo carabinieri agropoli, i	901	lsb	-209	wkg iea20
4.850,00	ieu591	corpo carabinieri amalfi, i	853	lsb	-209	clg/wkg ieu41
4.850,00	ieu593	corpo carabinieri eboli, i	815	lsb	-509	wkg iea20
4.850,00	ieu594	corpo carabinieri nocera inferiore, i	904	lsb	-209	wkg iea20
4.850,00	ieu595	corpo carabinieri sala consilina, i	856	lsb	-209	clg/wkg ieu41
4.850,00	ieu596	corpo carabinieri sapri, i	903	lsb	-209	wkg iea20
4.850,00	ieu597	corpo carabinieri vallo della lucania, i	903	lsb	-209	wkg iea20
4.850,00	ieu598	unid corpo carabinieri,i	904	lsb	-209	wkg iea20
4.850,00	ieu61	corpo carabinieri avellino, i	856	lsb	-209	wkg iea20
4.850,00	ieu610	corpo carabinieri ariano irpino, i	906	lsb	-209	wkg iea20
4.850,00	ieu611	corpo carabinieri baiano, i	854	lsb	-209	wkg iea20
4.850,00	ieu612	corpo carabanieri mirabella eclano, i	848	lsb	-309	wkg iea20
4.850,00	ieu613	corpo carabinieri san angelo dei lombardi, i	917	lsb	-209	wkg iea20
4.850,00	ieu614	corpo carabinieri montella, i	912	lsb	-209	wkg iea20
4.850,00	ieu62	corpo carabinieri matera, i	752	lsb	-409	wkg iea20

4.850,00	ieu620	corpo carabinieri pisticci, i	752	lsb	-409	wkg iea20
4.850,00	ieu621	corpo carabinieri policoro, i	755	lsb	-409	wkg iea20
4.850,00	ieu622	corpo carabinieri tricarico, i	906	lsb	-209	wkg iea20
4.850,00	ieu63	corpo carabinieri potenza, i	839	lsb	-109	wkg iea20
4.850,00	ieu631	corpo carabinieri melfi, i	810	lsb	-409	wkg iea20
4.850,00	ieu631	unid corpo carabanieri, i	901	lsb	-209	wkg iea20
4.850,00	ieu632	corpo carabinieri policoro, i	856	lsb	-209	wkg iea20
4.850,00	ieu633	corpo carabinieri senise, i	759	lsb	-409	wkg iea20
4.850,00	ieu63p	corpo carabinieri potenza provincia, i	918	lsb	-209	wkg iea20
4.850,00	ieu64	corpo carabinieri bari, i	855	lsb	-109	wkg ieu67
4.850,00	ieu640	corpo carabinieri altamura, i	856	lsb	-109	wkg ieu67
4.850,00	ieu641	unid corpo carabanieri, i	856	lsb	-109	wkg ieu67
4.850,00	ieu642	corpo carabinieri barletta, i	857	lsb	-109	wkg ieu67
4.850,00	ieu643	corpo carabinieri molfetta, i	858	lsb	-109	wkg ieu67
4.850,00	ieu644	corpo carabanieri monopoli, i	744	lsb	-409	wkg iea20
4.850,00	ieu645	corpo carabanieri trani, i	902	lsb	-109	wkg ieu67
4.850,00	ieu646	unid corpo carabanieri, i	903	lsb	-109	wkg ieu67
4.850,00	ieu647	unid corpo carabanieri, i	903	lsb	-109	wkg ieu67
4.850,00	ieu66	corpo carabinieri brindisi, i	905	lsb	-109	wkg ieu67
4.850,00	ieu660	unid corpo carabanieri, i	905	lsb	-109	wkg ieu67
4.850,00	ieu661	corpo carabinieri fasano, i	907	lsb	-109	wkg ieu67
4.850,00	ieu67	corpo carabinieri foggia, i	855	lsb	-109	wkg iea20
4.850,00	ieu670	corpo carabinieri cerignola, i	917	lsb	-109	wkg ieu67
4.850,00	ieu671	corpo carabinieri locera, i	918	lsb	-109	wkg ieu67
4.850,00	ieu672	corpo carabinieri san severo, i	909	lsb	-109	wkg ieu67
4.850,00	ieu673	corpo carabinieri manfredonia, i	914	lsb	-109	wkg ieu67
4.850,00	ieu674	unid corpo carabanieri, i	916	lsb	-109	wkg ieu67
4.850,00	ieu675	corpo carabinieri vico del gargano, i	920	lsb	-109	wkg ieu67
4.850,00	ieu68	corpo carabinieri lecce, i	915	lsb	-109	wkg ieu67
4.850,00	ieu680	corpo carabinieri gallipoli, i	929	lsb	-109	wkg ieu67
4.850,00	ieu681	corpo carabinieri cassano, i	926	lsb	-109	wkg ieu67
4.850,00	ieu682	corpo carabinieri casarano, i	924	lsb	-109	wkg ieu67
4.850,00	ieu683	corpo carabinieri tricase, i	953	lsb	-109	wkg iea20
4.850,00	ieu684	unid corpo carabanieri, i	925	lsb	-109	wkg ieu67
4.850,00	ieu69	corpo carabinieri taranto, i	915	lsb	-109	wkg ieu67
4.850,00	ieu690	corpo carabinieri manduria, i	923	lsb	-109	wkg iea20
4.850,00	ieu691	corpo carabinieri renna ???, i	916	lsb	-109	wkg ieu67
4.850,00	ieu692	unid corpo carabanieri, i	917	lsb	-109	wkg ieu67
4.850,00	ieu693	corpo carabinieri massafra, i	923	lsb	-109	wkg ieu67
4.850,00	ieu72	corpo carabinieri campobasso, i	848	lsb	-209	wkg iea20
4.850,00	ieu720	corpo carabinieri larino, i	846	lsb	-209	wkg iea20
4.850,00	ieu721	corpo carabinieri termoli, i	740	lsb	-509	wkg ieu46
4.850,00	ieu722	unid corpo carabanieri, i	847	lsb	-209	wkg iea20
4.850,00	ieu73	corpo carabinieri isernia, i	741	lsb	-509	wkg ieu46

4.850,00	ieu730	corpo carabinieri agnone, i	743	lsb	-509	wkg ieu46
4.850,00	ieu731	corpo carabinieri venafro, i	755	lsb	-509	wkg ieu46
4.850,00	ieu74	corpo carabinieri l'aquilia, i	742	lsb	-409	clg/wkg ieu44
4.850,00	ieu786	corpo carabanieri termini imerese, i	852	lsb	-309	wkg iea20
4.850,00	ieu79	corpo carabanieri agrigento, i	759	lsb	-409	wkg iea20
4.850,00	ieu790	corpo carabanieri canicatti, i	756	lsb	-409	wkg iea20
4.850,00	ieu792	corpo carabanieri sciacca, i	757	lsb	-409	wkg iea20
4.850,00	ieu81	corpo carabanieri caltanisetta, i	819	lsb	-409	wkg iea20
4.850,00	ieu810	corpo carabanieri unid, i	820	lsb	-409	wkg iea20
4.850,00	ieu83	corpo carabanieri messina, i	809	lsb	-409	wkg iea20
4.850,00	ieu836	corpo carabanieri taormina, i	825	lsb	-409	wkg iea20
4.850,00	ieu949	corpo carabinieri benevento, i	752	lsb	-509	wkg iea20
4.850,00	rbi	unid russian "point-to-point" ncs	525	rtty 50/500	-109	wkg rii2 w/short 5lg/5fgs op-chat ryryry
4.851,00	rcv	cis navy sevastopol, ukr	2004	cw	-109	clg/wkg rir98
4.852,00	---	unid rus/cis military	1944	cis-75 75/200	-209	encrypted/chipher
4.853,00	ddk2	hamburg/pinneberg meteo, d	1926	rtty 50/450	-109	meteo wx rpt, #
4.854,00	---	unid rus/cis military	1827	cis-75 75/250	-509	encrypted/chipher
4.855,00	---	cis mil/meteo ?	708	cis-14 96/500	-109	tfc kry
4.855,00	---	unid radar system, europe ? not central	1510	unid	-109	radar "zipppps" from abt 4840 to 4870 khz
4.855,00	1001	protection civile marocaine, mrc	923	ale-usb snd	-209	clg "1104"
4.855,00	1104	protection civile marocaine, mrc	658	ale-usb snd	-209	
4.855,00	1106	protection civile marocaine, mrc	1932	ale-usb snd	-209	
4.855,00	1106	protection civile marocaine, mrc	706	ale-usb snd	-209	
4.855,00	11064	protection civile marocaine, mrc	1000	ale-usb snd	-209	
4.855,00	11121	protection civile marocaine, mrc	702	ale-usb snd	-209	
4.855,00	1113	protection civile marocaine, mrc	716	ale-usb snd	-209	
4.855,00	13011	protection civile marocaine, mrc	647	ale-usb snd	-209	
4.855,00	1304	protection civile marocaine, mrc	816	ale-usb snd	-209	
4.855,00	1305	moroccan civil defence	2141	ale-usb snd	-509	
4.855,00	1305	protection civile marocaine, mrc	713	ale-usb snd	-209	
4.855,00	13052	protection civile marocaine, mrc	1010	ale-usb snd	-209	
4.855,00	1311	protection civile marocaine, mrc	640	ale-usb snd	-209	
4.855,00	1312	protection civile marocaine, mrc	705	ale-usb snd	-209	
4.855,00	13151	protection civile marocaine, mrc	649	ale-usb snd	-209	
4.855,00	1316	protection civile marocaine, mrc	643	ale-usb snd	-209	
4.855,00	13231	protection civile marocaine, mrc	944	ale-usb snd	-209	
4.855,00	1326	protection civile marocaine, mrc	713	ale-usb snd	-209	
4.855,00	2001	protection civile marocaine, mrc	909	ale-usb snd	-209	clg "1100"
4.855,00	2002	protection civile marocaine, mrc	2137	ale-usb snd	-209	
4.855,00	2003	protection civile marocaine, mrc	911	ale-usb snd	-209	
4.855,00	20111	protection civile marocaine, mrc	1851	ale-usb snd	-309	clg 2411
4.855,00	20111	protection civile marocaine, mrc	2111	ale-usb snd	-109	contacts 221 4
4.855,00	2211	protection civile marocaine, mrc	835	ale-usb snd	-209	
4.855,00	2212	protection civile marocaine, mrc	1936	ale-usb snd	-409	calling 20111

4.855,00		2213	protection civile marocaine, mrc	800	ale-usb snd	-209	
4.855,00		2417	protection civile marocaine, mrc	651	ale-usb snd	-209	
4.855,00		2513	protection civile marocaine, mrc	705	ale-usb snd	-209	
4.855,00		9001	protection civile marocaine, mrc	2219	ale-usb snd	-209	
4.855,00		9001	protection civile marocaine, mrc	702	ale-usb snd	-209	
4.858,00	---		unid rus/cis military	2125	bee 36-50 50/250	-409	tfc kry
4.858,10	a		mx beacon astrakhan/baku	1635	cw	-109	
4.860,00	nyz		unid	1817	cw	-109	calling q2m, also on 6840khz
4.867,00	---		enigma m01a	2137	cw	-109	29056 ___ 39729056 pause 397397 629506
4.867,00	---		russian military	2020	cw	-109	strategic flash message to b9mi
4.869,50	---		unid rus/cis military	1649	mpsk-12/usb	-509	encrypted/chipher
4.874,00	---		unid rus/cis military	2116	mpsk-12/usb	-209	encrypted/chipher
4.874,00	---		unid	1927	cw	-109	5lg msg
4.878,00	---		unid rus/cis military	1828	rus-75 75/250	-209	encrypted/chipher
4.880,00	ulx		mossad tel aviv, isr	1830	usb	-209	female voice reading a msg with 47 groups
4.880,00	ulx2		mossad tel aviv, isr	1759	usb	-109	gr (a)
4.887,50	---		rus/cis military	1809	81-81 40.5/500	-309	encrypted/chipher
4.889,00	---		unid	1937	cw	-109	stn contacted rao98 and rcy77, z-signals
4.891,00	---		rus/cis military	1842	mpsk-1212/usb	-109	encrypted/chipher
4.896,00	---		unid	1742	usb	-209	tfc ara/fra simplex
4.896,35	---		unid	1740	fec 100/170	-209	tfc kry
4.897,00	---		unid rus/cis military	613	mpsk-12/usb	-109	encrypted/chipher
4.900,50		0	unid station, irq	2203	ale-usb snd	-309	
4.900,50		1050	unid station, irq	2206	ale-usb snd	-309	
4.900,50		1410	unid station, irq	1916	ale-usb snd	-309	
4.900,50		1501	unid station, irq	2049	ale-usb snd	-309	
4.900,50		1542	unid station, irq	2042	ale-usb snd	-209	
4.900,50		1550	unid station, irq	1955	ale-usb snd	-209	
4.900,50		1656	unid station, irq	2055	ale-usb snd	-209	
4.900,50		2621	unid station, irq	1959	ale-usb snd	-209	
4.900,50		73222	unid station, irq	2016	ale-usb snd	-209	
4.900,50		7444	unid station, irq	1839	ale-usb snd	-309	
4.900,50		7448	unid station, irq	113	ale-usb snd	-209	same net on 5002,0 5667,7 5575,0 6881,5
4.900,50		8011	unid iraqi net	1723	ale-usb snd	-209	
4.906,00	ek9		estonian army, est	715	ale-usb snd	-109	clg "gef"
4.910,00	---		unid rus/cis military net	1801	usb	-409	tfc rus simplex
4.910,00		2222	unid	1751	ale-usb snd	-209	19452139
4.910,00		5555	unid	1817	ale-usb snd	-209	2016
4.910,00	rfi		saudi arabian air force, ars	9	ale-usb snd	-309	clg "jci"
4.910,00	rfp		saudi arabian air force, ars	2105	ale-usb snd	-209	clg "jcp"
4.911,00	qx49		algerian military	2210	ale-usb snd	-1208	clg zt50
4.911,00	qx50		algerian military	2305	ale-usb snd	-109	clg qx40
4.911,00	qx51		algerian military	2044	ale-usb snd	-1208	clg qx57
4.918,00	8pnx		m89	1654	cw	-109	"bt comm bt // 89276 89276 // bt" 4928khz

4.920,00	---	unid rus/cis military	655	usb	-209	russian fraffic simplex
4.921,00	---	unid military cis	2006	81-81 40.5/200	-209	encrypted txt in single ch mode
4.925,00	---	unid rus/cis military	1725	mpsk-12/usb	-309	encrypted/chipher
4.928,00	8pnx	m89	2000	cw	-109	large number of msg's today
4.930,00	---	unid rus/cis military	751	rtty 50/500	-109	tfc kry
4.930,00	---	unid military	2138	stanag-4285/600l/5n1/usb	-309	continuostfc kry
4.930,50	3yq	unid military	2139	usb	-309	clg/wkg "7pg" radiocecks
4.930,50	7pg	unid military	2139	usb	-309	wkg "3yq" radiocecks
4.930,50	9gd	unid military	2143	usb	-309	wkg "3yq" radiocecks
4.930,50	i8s	unid multinational military net	47	usb	-309	yl ee sx wkg 9qp "my unit calling you"
4.943,00	---	military	2158	stanag-4285/600l/5n1/usb	-309	send kg84 msgs
4.944,00	---	unid rus/cis military	1743	81-81 40,5/500	-209	encrypted/chipher
4.951,50	---	rus/cis air force	1844	cw	-109	counting strings
4.952,00	---	russian military	2213	ofdm/93-tone/usb pilot f+3330 hz	-309	tfc
4.952,00	---	unid	627	rtty 50/500	-309	gr (n)qtr at end use gmt
4.952,00	35	hungarian military	1607	ale-usb snd	-309	clg 082
4.952,00	35	hungarian army	1941	ale-usb snd	-209	calls 093
4.952,00	82	hungarian forces, hng	2006	ale-usb snd	-109	clg "035"
4.954,00	__ nc	unid military ?	806	ale-usb snd	-509	with a light regular bip.../ encrypt?
4.955,00	alpha	unid	1804	ale-usb snd	-209	send msgs to "hotel1"
4.955,00	hotel1	unid	1801	ale-usb snd	-209	clg "alpha" '[amd] u nas je odmek'
4.955,00	hotel2	unid	1616	ale-usb snd	-209	clg "alpha"
4.955,00	karim	algerian prefecture, alg	1748	usb	-309	tfc ara/fra
4.955,00	lua	unid algerian prefecture, alg	1750	usb	-309	wkg "karim"
4.955,00	mosta	algerian prefecture mostaganem, alg	1755	usb	-309	wkg"karim"
4.956,50	mosta	algerian prefecture	2144	pactor	-209	clg/wkg "karim2"
4.959,00	5eqb	russian pvo air defence "enigma m41" variant	533	cw	-209	clg mkr "5eqb"
4.959,00	8oaw	unid rus/cis military	559	cw	-409	tfc/gr n
4.959,00	j73x	pvo/russian air defence enigma m41-variant	435	cw	-409	long figure grps
4.960,00	122	unid	1725	ale-usb snd	-309	clg "222"
4.960,00	555555	unid	1725	ale-usb snd	-309	clg "222222"
4.960,00	codru	romanian or moldovian military ?	535	ale-usb snd	-209	to acord into usb yl/rom voice
4.960,00	mordjaner	unid	2217	ale-usb snd	-309	clg "hidhabmahata"
4.964,20	kf35	algerian national guard, alg	733	ale-usb snd	-109	clg "kf30" 0842 clg "kf30"
4.965,20	---	unid military	1839	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
4.965,20	---	unid turkey/cyprus from itu	1829	stanag-4285/600l	-109	encrypted
4.970,00	5820	unid	2144	ale-usb snd	-209	
4.970,00	5880	unid 58** net	1856	ale-usb snd	-409	
4.970,00	rft6	unid russian ptp station	520	fsk-cw /500/rus-arq 100/500	-109	op-chat dx qsx 5325 khz
4.983,00	---	unid rus/cis military	1839	bee 36-50 50/200	-109	tfc kry
4.984,00	---	unid	1719	usb	-309	tfc fra simplex
4.987,00	---	fishermen	1952	usb	-509	scottish accents
4.991,00	al1	fbi albany, usa	120	ale-usb snd	-409	clg "qt1"
4.993,50	station3	rhode & schwarz, d	1337	ale-usb snd	-1208	clg station5

4.993,50	station5	rhode & schwarz, d	1035	ale-usb snd	-1208	clg station3
4.994,50	---	unid	1825	fsk 100/150	-509	encrypted/chipher
4.996,00	rwm	moskva time signal, rus	509	cw	-409	via taldom "radiocentre 3 'vvv de'
5.000,00	---	unid nato military	320	link-11/usb	-109	tadil
5.000,00	4xz	israeli navy tel aviv, isr	257	cw	-109	vvv-mkr broken modulation
5.000,00	bpm	xian time signal, chn	1830	cw	-209	v-m
5.000,00	wwv	fort collins, usa	455	cw	-409	pips/time man voice
5.002,00	11	unid station, irq	2221	ale-usb snd	-309	
5.002,00	1000	unid	1928	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1050	unid station, irq	2205	ale-usb snd	-309	
5.002,00	1112	unid	1913	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	11965	unid	1938	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1410	unid	2037	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1474	unid	2052	ale-usb snd	-209	clg "1912" same net on 4900,5 5667,7
5.002,00	1511	unid station, irq	2241	ale-usb snd	-309	
5.002,00	1522	unid station, irq	2216	ale-usb snd	-309	
5.002,00	1548	unid	2037	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1550	unid station, irq	2147	ale-usb snd	-309	
5.002,00	1556	unid	1935	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1556	unid station, irq	1831	usb	-309	tfc ara
5.002,00	1577	unid station, irq	2206	ale-usb snd	-309	
5.002,00	1591	unid station, irq	2221	ale-usb snd	-309	
5.002,00	1656	unid	1854	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1661	unid station, irq	2317	ale-usb snd	-309	
5.002,00	1667	unid	1856	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1706	unid station, irq	1838	ale-usb snd	-309	clg "3201"
5.002,00	1717	unid	1946	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1918	unid	1921	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	1919	unid	1940	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	2505	unid station, irq	2236	ale-usb snd	-309	
5.002,00	3331	unid	1934	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	4066	unid station, irq	2152	ale-usb snd	-309	
5.002,00	5000	unid station, irq	2217	ale-usb snd	-309	
5.002,00	5201	unid station, irq	1837	ale-usb snd	-309	
5.002,00	5500	unid station, irq	2226	ale-usb snd	-309	
5.002,00	7010	unid	1936	ale-usb snd	-209	clg "7444" same net on 4900,5 5667,7
5.002,00	7018	unid iraqi governmental net	208	ale-usb snd	-409	
5.002,00	732	unid station, irq	2219	ale-usb snd	-309	incomplete call ?
5.002,00	73222	unid station, irq	2214	ale-usb snd	-309	
5.002,00	7417	unid	1924	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	7444	unid station, irq	1837	ale-usb snd	-309	
5.002,00	7448	unid	1945	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.002,00	7604	unid station, irq	1854	ale-usb snd	-309	clg "7417"
5.002,00	8304	unid	1935	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5

5.002,00		9912	unid	1949	ale-usb snd	-209	same net on 4900,5 5667,7 5575,0 6881,5
5.006,00	---		unid rus/cis military	2031	bee 36-50 50/250	-409	fc kry
5.007,00		1807	unid	2003	ale-usb snd	-209	
5.007,00		1808	unid	1954	ale-usb snd	-209	
5.007,00	twvs1		spanish police salamanca, e	1054	ale-usb snd	-1208	clg tyvc2 castellon
5.009,00	rbeg		russian navy vessel	349	cw	-309	wkg sx rcv black sea fleet hq
5.015,00	---		unid	644	rus-arq /250	-109	encrypted/chipher tfc
5.016,00	7mco		unid	208	cw	-109	tfc 'de 7mco qsa3 qsa3 k r k'
5.017,00	---		unid	1704	cw	-509	gr (a)
5.018,00	rje65		russian navy	535	cw	-109	sx wkg rel5 "rel5 de rje65 qso ? rld67
5.019,00	---		unid rus/cis military	1808	mpsk-12/usb	-209	encrypted/chipher
5.020,00	---		unid rus/cis military	525	bee 36-50 50/200	-109	fc kry
5.021,50	---		unid	1845	fsk 100/200	-209	encrypted/chipher
5.022,00	---		unid rus/cis military	546	bee 36-50 50/200	-209	fc kry
5.022,00	dbgx/bp24		bundespolizeiboot "bad bramstedt", d	1934	ale-usb snd	-409	
5.022,00	dbgy/bp25		bundespolizeiboot "bayreuth", d	2128	ale-usb snd	-409	clg "lezsee"
5.022,00	dbgz/bp26		bundespolizeiboot "eschwege", d	1608	ale-usb snd	-409	
5.022,00	dlgz/bp21		bundespolizeiboot "bredstedt", d	1625	ale-usb snd	-409	
5.022,00	lezsee		lage- und einsatzzentrum see cuxhaven, d	2147	ale-usb snd	-409	clg "bp25"
5.026,00		5757	unid	2032	ale-usb snd	-309	
5.028,50	wzfe		rus/cis military	2026	cw	-409	gr (a)
5.033,00	---		unid	1728	fsk 100/150	-409	encrypted/chipher
5.035,00		10250	unid	1837	ale-usb snd	-209	
5.035,00		3771	unid	2137	ale-usb snd	-109	
5.035,00		6230	unid	2042	ale-usb snd	-109	
5.035,00		9850	unid	1936	ale-usb snd	-209	
5.035,00	fs30		algerian national guard, alg	1956	ale-usb snd	-209	clg "fs35"
5.035,00	fs31		algerian national guard, alg	1720	ale-usb snd	-209	clg "zt30"
5.035,00	fs33		algerian national guard, alg	926	ale-usb snd	-209	
5.035,00	fs34		algerian national guard, alg	1748	ale-usb snd	-309	tfc kry
5.035,00	fs35		algerian military	2302	ale-usb snd	-109	clg zt30
5.035,00	fs35		algerian national guard, alg	1951	ale-usb snd	-209	
5.035,00	kf33		algerian military	2303	ale-usb snd	-109	clg zt30
5.035,00	kf33		algerian national guard, alg	629	ale-usb snd	-209	clg "vh30"
5.035,00	kf34		algerian national guard, alg	2146	ale-usb snd	-109	clg "zt30"
5.035,00	kf35		algerian military	2205	ale-usb snd	-1208	clg vh30
5.035,00	kf35		algerian national guard, alg	632	ale-usb snd	-209	clg "vh30"
5.035,00	vh30		algerian national guard, alg	642	ale-usb snd	-209	tfc kry
5.035,00	zt30		algerian national guard, alg	2147	ale-usb snd	-109	clg "kf34"
5.035,00	zt30		algerian military	2131	ale-usb snd	-109	clg fs30
5.036,00	---		unid rus/cis military	1601	mpsk-12/usb	-209	encrypted/chipher
5.038,00	---		unid rus/cis military	615	mpsk-12/usb	-109	encrypted/chipher
5.041,00	---		unid rus/cis military	1900	mpsk-12/usb	-409	encrypted/chipher
5.042,00	---		unid nato	1930	stanag-4481 100/850/nato-100	-309	kg 84 crypto,switched off after messages

5.042,00	---	military	2110	nato 100/850	-309	encrypted/chipher
5.042,50	---	unid rus/cis military	501	mpsk-12/usb	-409	encrypted/chipher
5.044,50	---	unid rus/cis military	2113	mpsk-12/usb	-209	encrypted/chipher
5.044,50	---	rus/cis military	1715	rus-75 75/200	-309	encrypted/chipher
5.050,00	---	unid military	643	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.055,00	---	unid rus/cis military	528	cis-14 96/500	-109	fc kry
5.056,00	---	nato tadil modem	2021	link-11 single channel	-209	fleet air defence data link
5.058,00	zt01	algerian military	154	ale-usb snd	-409	to fs01 w/lqa
5.060,00	k	romanian kfor gorazdevac, metohija, kosova	153	ale-usb snd	-409	mntf-w contingent to b mod bukarest
5.062,00	---	rus/cis military	2044	cis-75 75/250	-409	encrypted/chipher
5.062,00	---	unid rus/cis military	1825	mpsk-12/usb	-209	encrypted/chipher
5.065,00	9mb6	malaisian navy penang/lumut, mla	1748	cw	-309	vvv de
5.065,00	fs20	algerian national guard, alg	938	ale-usb snd	-409	clg "je20"
5.065,00	je21	algerian national guard, alg	637	ale-usb snd	-409	clg "fs20"
5.065,00	qm21	algerian national guard, alg	539	ale-usb snd	-409	clg "fs20"
5.065,00	qm25	algerian national guard, alg	841	ale-usb snd	-409	clg "fs20"
5.065,00	tp21	algerian national guard, alg	1733	ale-usb snd	-409	clg "fs20"
5.065,00	xt20	algerian national guard, alg	643	ale-usb snd	-409	clg "je24"
5.066,00	rcv	rn black sea fleet hq sevastopol, ukr	515	cw	-109	sx wkg rhy50
5.070,00	---	rus/cis military	1717	cw	-309	tfc
5.071,00	---	nato tadil modem	2000	link-11 2250/usb single-channel	-509	
5.074,00	---	rus/cis military	2024	mpsk-12/usb	-409	encrypted/chipher
5.075,00	drini	albanian police, alb	1629	ale-usb snd	-509	send msgs to "mali"
5.075,00	mali	albanian police maliqui, alb	1629	ale-usb snd	-509	send msgs to "drini"
5.077,20	---	unid military	1733	stanag-4285/300l/5n1/usb	-209	continuos tfc kry
5.077,50	wnu	slidell radio, usa	805	pactor-gw 100/200	-109	channel freemarker hex header d8
5.078,00	iv6y	unid, rus	1050	cw	-109	fz fw de iv6y qtc k
5.078,00	ix6	unid	1759	ale-usb snd	-109	
5.078,10	nkh7	ukrainian military	704	cw	-109	clg "9vza"
5.079,50	rffh	unid russian military	603	cw	-409	clg/wkg rffn
5.080,00	xss	dhfcs ncs forrest moor, g	2058	ale-usb snd	-409	5080 and 5295 khz
5.082,00	---	unid rus/cis military	1822	cis-75 75/250	-509	encrypted/chipher
5.082,00	---	rus/cis military	1744	mpsk-12/usb	-309	encrypted/chipher
5.083,00	13071	marrocain dispatch centre, mrc	2135	ale-usb snd	-409	
5.083,00	13091	marrocain dispatch centre, mrc	635	ale-usb snd	-409	
5.083,00	1312	protection civile marocaine, mrc	2148	ale-usb snd	-209	
5.083,00	13222	marrocain dispatch centre, mrc	616	ale-usb snd	-409	
5.083,00	1325	marrocain dispatch centre, mrc	536	ale-usb snd	-409	
5.084,74	---	unid rus/cis military	646	fsk-cw	-109	tfc
5.084,74	---	unid rus/cis military	644	rtty 50/250	-109	tfc 'ok ok as'
5.085,00	---	unid	1904	ale-usb snd	-309	tfc kry
5.085,00	24toc	us army, irq	2030	ale-usb snd	-309	
5.085,00	34toc	us army, irq	2032	ale-usb snd	-309	
5.085,00	jmp449	us army, irq	1657	ale-usb snd	-309	1,859,193,020,002,030,000,000,000,000

5.085,00	xl01	unid algerian military/moi?	2316	ale-usb snd	-509	contacts fs01
5.088,50	---	rus/cis military	2014	ms-5/at3004d/usb	-209	in traffic
5.090,00	hbd20	mfa bern/kernenried, sui	710	ale-usb snd	-209	tfc kry simplex
5.091,00	---	unid rus/cis military	613	mpsk-12/usb	-209	encrypted/chipher
5.092,00	---	unid rus/cis military	1721	fsk 50/250	-209	encrypted/chipher
5.092,00	---	unid rus/cis military	1831	mpsk-12/usb	-209	encrypted/chipher
5.092,00	twbe2	guardia civil teruel, e	736	ale-usb snd	-509	clg "txx2"
5.092,00	twbm2	guardia civil manresa, e	544	ale-usb snd	-509	clg "txx2"
5.092,00	twco2	guardia civil oviedo, e	742	ale-usb snd	-509	clg "txx1"
5.092,00	twvb2	guardia civil burgos, e	745	ale-usb snd	-509	clg "twba2"
5.092,00	twvl2	guardia civil leon, e	558	ale-usb snd	-509	clg "txx2"
5.092,00	twvp2	guardia civil palencia, e	1040	ale-usb snd	-509	clg "txx2"
5.092,00	txx2	guardia civil madrid, e	816	ale-usb snd	-509	send msgs to "twbm2"
5.092,00	tyma2	guardia civil avila, e	549	ale-usb snd	-509	clg "txx2"
5.092,00	tyme2	guardia civil madrid, e	948	ale-usb snd	-509	clg "twva2"
5.092,00	tymt2	guardia civil toledo, e	540	ale-usb snd	-509	clg "txx2"
5.092,00	tyvc2	guardia civil castellon, e	837	ale-usb snd	-509	clg "tymt1"
5.092,00	tzsc2	guardia civil cadiz, e	843	ale-usb snd	-509	clg "tymt1"
5.092,00	tzsm2	guardia civil malaga, e	708	ale-usb snd	-509	clg "txx2"
5.093,50	f5j	guardia civil unid mulin. military net	15	usb	-409	om/ee-italian? accent clg g1j
5.094,00	rmgb	russian navy vessel	1850	cw	-109	sx wkg rcv black sea fleet hq w/op-chat
5.095,00	5800	unid maybe albanian/unid "58x0-net" ?	1621	ale-usb snd	-209	
5.095,00	w2m	unid multinational military net	59	usb	-309	om/ee clg z9t & "any callsign this net"
5.097,00	cf	canadian forces halifax, can	729	rtty 75/850	-109	naws de 'naws de cfh zkr f1 2822 3394'
5.097,00	cfh	canadian forces halifax, can	2018	rtty 75/850	-209	idling with zkrs to naws
5.100,00	---	unid	722	cw	-109	gr (n)two tones
5.101,00	t2z238	us army, irq	2025	ale-usb snd	-309	2125
5.101,00	udairi	us army udairi, kwt	1714	ale-usb snd	-309	1,744,204,621,162,210
5.102,00	---	rus/cis military	509	mpsk-12/usb	-409	encrypted/chipher
5.104,00	---	unid rus/cis military	1823	rus-75 75/250	-209	encrypted/chipher
5.104,00	---	unid rus/cis military	2119	mpsk-12/usb	-209	encrypted/chipher
5.105,00	---	unid	501	ale-usb snd	-409	encrypted/chipher simplex protected link
5.105,00	---	unid rus/cis military	2119	cw	-209	send "qrj k" @mpsk12 at 5104,0
5.105,00	---	unid military	432	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
5.105,00	sse	mfa cairo, egy	1802	codan 16tones/usb	-509	encrypted/chipher
5.106,00	rje56	rus/cis navy	511	cw	-409	clg/wkg rfx45
5.106,70	sse	mfa cairo, egy	1800	arq 100/170/atu-80	-509	tfc ara/s-off
5.110,00	262	unid	1834	ale-usb snd	-209	clg "170"
5.113,00	1101	uzbek forces, uzb	231	ale-usb snd	-109	clg "1104"
5.113,00	1104	uzbek forces, uzb	239	ale-usb snd	-109	clg "1702"
5.113,00	1105	uzbek forces, uzb	320	ale-usb snd	-109	clg "1706"
5.113,00	1703	uzbek forces, uzb	2009	ale-usb snd	-109	
5.113,00	1706	uzbek forces, uzb	320	ale-usb snd	-109	clg "1105"
5.113,00	1713	uzbek forces, uzb	2018	ale-usb snd	-109	

5.113,00	kamar9	unid	1701	ale-usb snd	-1208	
5.113,00	kamar98	uzbek forces, uzb	239	ale-usb snd	-109	clg "1101" 0313 clg "1101"
5.113,35	---	unid rus/cis military	1758	cis 81-81/40.5/500	-509	encrypted/chipher
5.113,35	---	unid	1806	fec 100/170	-309	tfc kry
5.114,00	---	unid rus/cis military	1957	ms-5/at3004d/dpsk/usb	-409	in traffic. working with 5188,50 khz?
5.114,00	---	unid rus/cis military	531	mpsk-12/usb	-109	encrypted/chipher
5.115,00	---	rus/cis military	1825	mpsk-1212/usb	-109	encrypted/chipher
5.115,00	diamafran	unid rus/cis military	1740	usb	-109	clg "mariku"/tfc, rus duplex
5.116,00	---	unid	650	fsk 200/140	-309	encrypted/chipher
5.116,00	fav22	french army mont valerien, f	624	cw	-209	gr (a)
5.117,00	bora	albanian moi/military, alb	1718	ale-usb snd	-209	clg drini
5.117,00	drini	albanian police, alb	2033	ale-usb snd	-409	send msgs to "mali"
5.117,00	mali	maliqui albanian police, alb	2031	ale-usb snd	-409	send msgs to "drini"
5.118,00	---	rus/cis military	2034	ms-5/at3004d/usb	-309	in traffic
5.118,00	---	russian military	2047	cis-75 75/250	-509	in cipher. w/w 5104 khz?
5.118,00	---	rus/cis military	2242	ms-5/usb	-109	in traffic with morse pilot on tone
5.118,00	---	unid rus/cis military	1835	mpsk-12/usb	-209	encrypted/chipher
5.118,00	---	unid rus/cis military	1719	rus-75 75/250	-309	encrypted/chipher
5.118,00	t2z211	unid us army, irq	1754	ale-usb snd	-209	
5.119,00	---	swiss army bern ?, sui	2111	ale-usb snd	-209	tfc kry
5.119,00	---	swiss army jassbach, irq	2110	ale-usb snd	-209	encrypted/chipher protected link
5.120,00	sse	mfa cairo, egy	1830	codan 16-tones/usb	-109	send msgs to beirouth
5.121,70	sse	mfa cairo, egy	1828	arq 100/170	-109	clg/wkg beirouth 1923 clg/wkg alger
5.122,00	---	unid military	1716	nato-100 100/850	-309	encrypted/chipher
5.122,50	---	rus/cis military	646	mpsk-12/ms-5/usb	-109	encrypted/chipher
5.123,00	aaa	ncs israeli air force tel aviv, isr	1844	ale-usb snd	-209	
5.123,00	amm	prob israeli airforce	2031	ale-usb snd	-109	
5.123,00	dd1	israeli air force	2315	ale-usb snd	-509	dd1 dd8 and aaa snd
5.124,00	---	unid rus/cis military	1726	mpsk-12/usb	-209	encrypted/chipher
5.125,00	---	unid	1830	usb	-109	tfc ara simplex
5.125,00	rdi	saudi arabian military "air field info"-net	1811	ale-isb	-1208	to dai w/dx lqa exchange
5.126,00	enni	unid	533	cw	-309	gr (a)
5.128,00	---	rus/cis military	2303	cw	-309	ends 26x5fg message
5.128,00	riw	russian navy hq moscow	2017	cw	-309	qtc to rkz
5.128,50	---	rus/cis military	735	mpsk-12/usb	-1208	encrypted/chipher
5.129,00	---	unid	1725	ale-usb snd	-409	encrypted/chipher simplex protected link
5.129,00	aaa	israeli air forcetel aviv, isr	1832	ale-usb snd	-109	
5.129,00	bb1	israeli air force palachim, isr	1853	ale-usb snd	-109	
5.129,00	dd1	unid israeli air force, isr	1858	ale-usb snd	-109	snd 1958
5.129,00	nyvr	unid	527	cw	-409	clg/wkg "vmzr"/gr (a)
5.129,00	tsm	unid israeli air force, isr	2224	ale-usb snd	-209	2233z snd by aaa
5.129,00	u4v	unid	1813	ale-usb snd	-409	
5.132,00	---	turkish red crescent, tur	2148	usb-voice	-209	
5.132,00	2010	unid	1617	ale-usb snd	-209	clg "2013"

5.132,00		2010	turkish red crescent, tur	1820	ale-usb snd	-409	clg 2016
5.132,00		2013	unid	1830	ale-usb snd	-209	
5.132,00		3771	turkish red crescent, tur	2002	ale-usb snd	-309	
5.132,00		4015	turkish red crescent, tur	1908	ale-usb snd	-309	
5.132,00		4017	turkish red crescent, tur	1746	ale-usb snd	-309	
5.135,00	semohq		new york state emergency albany, usa	714	ale-usb snd	-309	[this is] semhq
5.138,00		2000	unid	2002	ale-lsb	-109	clg "2050"
5.138,00		2050	unid	2002	ale-lsb	-109	clg "2000"
5.138,00		4000	unid	753	ale-lsb	-109	clg "1001"
5.138,00		4040	unid	736	ale-lsb	-109	clg "4070"
5.138,00		4050	unid	732	ale-lsb	-109	clg "4040" 0755 clg "2080"
5.138,00		4070	unid	803	ale-lsb	-109	clg "4080"
5.138,00		4080	unid	1451	ale-lsb	-109	clg "4070"
5.140,00	---		unid rus/cis military	1837	mpsk-12/usb	-209	encrypted/chipher
5.140,00	---		rus/cis military	2033	cw	-409	tfc/gr a
5.140,00	---		unid rus/cis military	1730	cis-75 75/250	-409	encrypted/chipher
5.141,00	---		rus/cis military	1903	mpsk-1212/usb	-109	encrypted/chipher
5.145,00	cp		unid	9	ale-usb snd	-209	to as w/lqa; 2019z to zb
5.145,00	zb		unid	1700	ale-usb snd	-209	send msgs to "cp"
5.146,75	---		rus/cis military	1654	81-81 40.5/260	-309	slow revs with opchat then cipher
5.147,50	---		nato fleet air defence modem	2054	link-11/isb two channels	-209	or sideband diversity
5.148,20	---		unid military	723	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.149,00	fav22		french army mont valerien, f	2152	cw	-409	gr (a)
5.151,00	gui4		unid	1819	cw	-109	clg/wkg "p9ma"
5.152,00	---		unid rus/cis military	1808	cw	-109	tfc
5.152,00	---		rus/cis military	1824	rus-75 75/250	-109	encrypted/chipher
5.153,70	d		rus/cis navy beacon odessa, ukr	210	cw	-109	gr (a)
5.153,70	p		mx beacon kaliningrad, rus	1934	cw	-509	with d-odessa-5153,70 khz
5.153,90	s		mx beacon arkhangelsk, rus	2302	cw	-309	channel marker
5.154,00	a,d		mx markers	1845	cw	-109	a=astrakhan d= sebastopol
5.154,00	fav22		french army mont valerien, f	645	cw	-109	gr (a)
5.154,00	k kmx ?		mx beacon khabarovsk	1805	cw	-109	
5.154,00	s		mx beacon arkhangelsk	1934	cw	-109	
5.155,00	rit		rn northern fleet hq murmansk, rus	402	cw	-309	wx-qtc #901 to rlo "prognoz..."
5.157,00	---		unid	2002	fsk 100/1000	-509	reversals
5.157,00	---		unid	2046	fsk 50/1000	-409	idle
5.157,00	---		unid	703	ale-usb snd	-209	encrypted/chiphersimplex protected link
5.160,00	bi10bi99		algerian drs station, alg	1734	ale-usb snd	-409	clg "bi13bi99"
5.160,00	bi13bi99		algerian drs station, alg	1734	ale-usb snd	-409	clg "bi10bi99"
5.160,20	---		unid military	647	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.162,50	g02		polish military	1116	ale-usb snd	-309	clg g01
5.162,50	g05		polish military	1456	ale-usb snd	-309	clg g02
5.165,00	---		cis ptt	637	cis-arq 100/500	-109	encrypted/chipher
5.166,00	---		unid rus/cis military	1727	mpsk-12/usb	-209	encrypted/chipher

5.170,00	pcd	mossad tel aviv, isr	1804	usb	-109	usb in 5l tfc
5.170,00	vlb	mossad tel aviv, isr	707	usb	-109	gr (a) ing
5.171,00	---	rus/cis military	1828	bee 36-50 50/250	-109	tfc kry
5.171,00	rgz58	russian navy vessel	430	cw	-409	sx wkg rcv black sea fleet hq
5.173,00	---	unid cis	620	rtty 50/500	-109	gr (a)
5.173,00	---	unid russian "governmental", prob diplo?	605	rtty 100/500	-109	dx circuit "20108" 5lgs/fgs msg to unid
5.175,00	yh40	algerian national guard, alg	541	ale-usb snd	-409	clg "yh48"
5.175,00	yh45	algerian national guard, alg	525	ale-usb snd	-409	clg "yh43"
5.175,00	yh46	algerian national guard, alg	754	ale-usb snd	-409	clg "yh78"
5.175,00	yh47	algerian national guard, alg	600	ale-usb snd	-409	clg "yh48"
5.175,00	yh50	algerian national guard, alg	525	ale-usb snd	-409	clg "yh40"
5.175,00	yh51	algerian national guard, alg	644	ale-usb snd	-409	clg "yh48"
5.175,00	yh52	algerian national guard, alg	525	ale-usb snd	-409	clg "yh40"
5.175,00	yh53	algerian national guard, alg	627	ale-usb snd	-409	clg "yh56"
5.175,00	yh56	algerian national guard, alg	630	ale-usb snd	-409	clg "yh53"
5.175,00	yh58	algerian national guard, alg	555	ale-usb snd	-409	clg "yh56"
5.175,00	yh78	algerian national guard, alg	648	ale-usb snd	-409	clg "yh43"
5.176,50	437843	unid "arab voice/4378nn-net"	1635	ale-usb snd	-209	
5.177,00	---	rus/cis military	630	rus-75 75/250	-309	encrypted/chipher
5.179,00	4xz	israeli navy haifa, isr	550	cw	-209	vvv de
5.179,25	---	unid	1455	fsk 100/150	-409	encrypted/chipher
5.180,00	---	unid rus/cis military	735	cw	-109	tfc
5.182,00	---	rus/cis military	1804	mpsk-12/usb	-309	encrypted/chipher
5.186,00	---	military	1900	nato-75 75/850	-109	encrypted/chipher
5.188,00	g45	unid simplex net	1852	cw	-209	5fg msg's with w8w, hand key'd cw
5.190,00	cs001	macadonian forces, mkd	747	ale-usb snd	-109	clg "rs005"
5.190,00	cs001b	macadonian forces, mkd	1036	ale-usb snd	-109	clg "rs0013b"
5.190,00	rs0013b	macadonian forces, mkd	1036	ale-usb snd	-109	clg "cs001b"
5.190,00	rs002	macadonian forces, mkd	1321	ale-usb snd	-109	send msgs to "cs001"
5.190,00	rs003	macadonian forces, mkd	1022	ale-usb snd	-109	clg "rs004"
5.190,00	rs004	macadonian forces, mkd	1208	ale-usb snd	-109	send msgs to "cs001"
5.190,00	rs005	macadonian forces, mkd	748	ale-usb snd	-109	clg "cs001"
5.192,00	rmxv	russian navy vessel	533	cw	-209	dx wkg rmsb "qyt4 qsx 4153"
5.193,00	---	military	2050	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
5.193,00	yh40	algerian national guard, alg	810	usb	-309	vocoder tfc
5.193,00	yh43	algerian national guard, alg	839	ale-usb snd	-309	clg "yh40"
5.193,00	yh46	algerian national guard, alg	2045	ale-usb snd	-309	clg "yh43"
5.193,00	yh47	algerian national guard, alg	1227	ale-usb snd	-309	clg "yh56"
5.193,00	yh48	algerian national guard, alg	914	ale-usb snd	-309	clg "yh78"
5.193,00	yh50	algerian national guard, alg	815	ale-usb snd	-309	clg "yh48"
5.193,00	yh53	algerian national guard, alg	940	ale-usb snd	-309	clg "yh55"
5.193,00	yh55	algerian national guard, alg	2007	usb	-309	vocoder tfc
5.193,00	yh56	algerian national guard, alg	1909	ale-usb snd	-309	clg "yh50"
5.193,00	yh78	algerian national guard, alg	914	ale-usb snd	-309	clg "yh48"

5.193,00	zt40	algerian national guard, alg	626	ale-usb snd	-309	clg "yh55"	
5.193,50	fav22	french army mont valerien, f	529	cw	-509	gr (a)	
5.194,00	fav22	french army mont valerien, f	605	cw	-109	gr (a)	
5.195,00	dra5	darc propagation beacon scheggerott nr kiel	1717	rtty 45.5/170	-409	"max hop at 5 deg 2041 2041 2041 km muf"	
5.195,00	sisina	sinferopol air, rus	541	usb	-309	wkg "trenoga"	
5.195,00	trenoga	kharkov air, arm	541	usb	-309	clg/wkg "sisina"	
5.196,00	usdprayf	unid russian airport	600	rtty 100/200	-109	msgs on circuit kta to usds tarko-sale	
5.199,00	---	unid	1511	cw	-409	tfc/gr n	
5.199,40	---	rus/cis military	1700	81-81 81/980	-309	poss working with 533 3.3khz	
5.199,50	---	dosc moscow, rus	1906	crowd-36 40/1500/usb	-209	crypto traffic	
5.200,00	---	unid rus/cis military	504	mpsk-12/usb	-409	encrypted/chipher	
5.202,00	---	rus/cis military	600	mpsk-12/usb	-309	encrypted/chipher	
5.204,00	---	rus/cis military	545	mpsk-12/usb	-409	encrypted/chipher	
5.204,60	384097	truck kbr, irq	1750	ale-usb snd	-409		
5.204,60	4101	kbr, irq	1746	ale-usb snd	-409		
5.204,60	6101	kbr, irq	1635	ale-usb snd	-209		
5.204,60	624424	truck kbr, irq	1758	usb	-409	clg "624807"	
5.204,60	6301	kbr, irq	1757	ale-usb snd	-409		
5.204,60	6701	kbr, irq	1836	ale-usb snd	-409		
5.204,60	6801	kbr, irq	1604	usb	-209	tfc ing simplex whit beep	
5.204,60	6869	kbr, irq	1629	ale-usb snd	-209		1700
5.204,60	7201	kbr, irq	1617	ale-usb snd	-209		
5.204,60	8101	kbr, irq	1803	ale-usb snd	-409		
5.204,60	8601	kbr, irq	1857	ale-usb snd	-409		
5.206,00	---	prob rus/cis military	515	usb	-109	usb relay of russ.state broadc station	
5.206,00	---	unid, prob cis governmental	2320	rtty 200/500	-309	msgs e.g "=8612 23627091387691793"	
5.206,00	1fmp	chinese military "enigma m89"	330	cw	-1208	mkr "kr03 kr03 kr03 de 1fmp 1fmp"	
5.208,00	---	unid rus/cis military	520	mpsk-12/usb	-409	encrypted/chipher	
5.209,00	aaa	israeli air force tel aviv, isr	317	ale-usb snd	-109	snd 0417,0517,0617,0717,0817	
5.209,00	bb3	israeli air force, isr	547	ale-usb snd	-109	clg "aaa"	
5.209,00	dd1	israeli air force, isr	1917	ale-usb snd	-109		
5.209,00	dd3	israeli air force, isr	1950	ale-usb snd	-109		202421242224
5.210,00	birku 24 ?	russian military	532	usb	-109	om/rr "strategic flash msg" in phone	
5.211,50	---	unid	1825	pactor	-309	clg ghicha 1851 clg ainmad	
5.212,00	cs002	macadonian forces, mkd	1844	ale-usb snd	-109	clg rs0011	
5.212,00	cs002a	macadonian forces, mkd	1417	ale-usb snd	-509	clg "rs005a"	
5.212,00	cs002b	macedonian forces, mkd	1234	ale-usb snd	-309	send msgs to "rs0017a"	
5.212,00	rs0010	macedonian forces, mkd	1250	ale-usb snd	-309	send msgs to "rs0011"	
5.212,00	rs0011	macedonian forces, mkd	1244	ale-usb snd	-309	clg "rs0010"	
5.212,00	rs0017a	macedonian forces, mkd	1231	ale-usb snd	-309	clg "cs002b"	
5.214,00	fav22	french army mont valerien, f	546	cw	-209	gr (a)	
5.215,70	---	french forces, f	649	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry	
5.219,00	71	unid	0	ale-usb snd	-409	also on 8483/13576 and 1823,60 khz	

5.220,00	---	unid	635	cw	-309	tfc
5.220,50	68	unid	1847	ale-usb snd	-209	
5.220,50	70	senegal navy rss steadfast, sng	2050	ale-usb snd	-409	clg "cn3" 2120 clg "cn3"
5.220,50	73	senegal navy supreme, sng	1615	ale-usb snd	-209	clg cn3
5.220,50	cn3	senegal navy	1615	ale-usb snd	-209	clg 73 rss supreme
5.221,50	---	russian air defence	1917	cw	-509	time strings = 992317??0?????
5.224,00	---	fishermen	1245	usb	-509	fr d/x
5.224,00	rcv	cis navy sevastopol, ukr	546	cw	-109	wx rus
5.224,90	---	rus/cis military	1600	81-81 40,50/500	-1208	encrypted txt
5.225,00	rvr39	unid russian ptp station	545	fsk-cw /500/rus-arq 100/500	-109	clg "rtw54 x3 de rvr39 x2 zhc? ok
5.225,00	rvr39	russian ptt	633	cis-arq 100/500	-109	encrypted/chipher
5.226,00	---	rus/cis military	544	mpsk-12/usb	-409	encrypted/chipher
5.226,00	esae	unid	659	cw	-109	wkg "ey6z" ' ey6z de esae rtp k '
5.227,00	jb18	algerian military "fs10-net"	6	ale-usb snd	-409	to fs10 w/lqa; later xa10 to fs10
5.227,70	---	military	2059	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
5.229,00	---	unid	2100	usb	-409	rpt "206 206 206 00000"
5.229,50	---	rus/cis military	1703	81-81 81/260	-309	in traffic
5.230,00	---	m21	1629	cw	-109	grid tracking
5.230,00	---	mossad tel aviv, isr	705	usb	-209	gr (a) ing
5.232,00	---	rus/cis military	1719	81-81 81/250	-309	encrypted/chipher
5.235,00	rka80	russian navy	143	cw	-409	wkg dx rmp baltic sea fleet hq
5.235,70	---	unid military	651	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.240,00	---	unid cis mil/meteo	709	cis-14 96/500	-209	tfc kry
5.240,00	yh40	algerian national guard, alg	711	usb	-209	vocoder tfc
5.240,00	yh43	algerian national guard, alg	712	usb	-209	vocoder tfc
5.240,00	yh46	algerian national guard, alg	1640	ale-usb snd	-209	clg "zt40"
5.240,00	yh47	algerian national guard, alg	748	ale-usb snd	-209	clg "yh43"
5.240,00	yh48	algerian national guard, alg	1729	ale-usb snd	-209	clg "yh52"
5.240,00	yh50	algerian national guard, alg	1723	ale-usb snd	-209	clg "yh52"
5.240,00	yh51	algerian national guard, alg	1831	ale-usb snd	-209	clg "yh48"
5.240,00	yh52	algerian national guard, alg	1838	ale-usb snd	-209	clg "yh40"
5.240,00	yh53	algerian national guard, alg	803	ale-usb snd	-209	clg "yh78"
5.240,00	yh55	algerian national guard, alg	1641	ale-usb snd	-209	clg "zt40"
5.240,00	yh56	algerian national guard, alg	1659	ale-usb snd	-209	clg "yh40"
5.240,00	yh58	algerian national guard, alg	1644	ale-usb snd	-209	clg "zt40"
5.240,00	yh59	algerian national guard, alg	907	usb	-209	vocoder tfc
5.240,00	yh60	algerian national guard, alg	2235	ale-usb snd	-209	clg "yh53"
5.240,00	yh78	algerian national guard, alg	715	ale-usb snd	-209	clg "yh48"
5.240,00	zt40	algerian national guard, alg	1612	ale-usb snd	-209	clg "yh60"
5.246,00	fav22	cstei favieres via vernon, f	1942	cw	-409	in traffic, iihtu kueqp bt nr 83 a 01
5.246,20	---	hellas forces, grc	1822	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.250,00	10v1	iraqi army, irq	355	ale-usb snd	-109	clg "mod"
5.250,00	12v1	iraqi army, irq	1744	ale-usb snd	-109	clg "igq"
5.250,00	14v1	iraqi army, irq	139	ale-usb snd	-109	clg "igq"

5.250,00	1dv1	iraqi army, irq	2035	ale-usb snd	-509	clg "igq"
5.250,00	2dv1	iraqi army, irq	338	ale-usb snd	-109	clg "igq"
5.250,00	3dv	iraqi army al kisik, irq	449	ale-usb snd	-1208	send msgs to "igq"
5.250,00	4dv1	iraqi army unid, irq	309	ale-usb snd	-409	clg "igq"
5.250,00	5820	unid	2348	ale-usb snd	-109	
5.250,00	5830	unid 58** net	2235	ale-usb snd	-209	
5.250,00	5880	unid	2255	ale-usb snd	-509	
5.250,00	5882	unid	22	ale-usb snd	-109	
5.250,00	6dv1	iraqi army, irq	2226	ale-usb snd	-1208	clg "igq"
5.250,00	7dv1	iraqi army, irq	422	ale-usb snd	-109	send msgs to "igq"
5.250,00	8dv1	iraqi army, irq	455	ale-usb snd	-109	clg "igq"
5.250,00	9dv1	iraqi army, irq	343	ale-usb snd	-109	clg "igq"
5.250,00	anb	iraqi army, irq	1858	ale-usb snd	-109	clg "igq"
5.250,00	cdipri	usa cothen	2335	ale-usb snd	-109	clg "io8"
5.250,00	d05	cpb bombardier q400, usa	350	ale-usb snd	-309	
5.250,00	igq	ground forces hq, irq	1720	ale-usb snd	-109	calling 8dv and laterat 17 31 2dv
5.250,00	krb	iraqi forces, irq	443	ale-usb snd	-1208	clg "igq"
5.250,00	mod	iraqi army, irq	458	ale-usb snd	-109	clg "igq"
5.250,00	n04	us coast guard hc-144a, usa	2358	ale-usb snd	-309	0001,058,0101,0158 snd 0301 clg "lnt"
5.250,00	nay	iraqi navy nynawa, irq	438	ale-usb snd	-209	send msgs to "mod"
5.250,00	nyn	iraqi navyninewa, irq	456	ale-usb snd	-109	clg "igq"
5.250,00	pac	us coast guard point reyes, usa	227	ale-usb snd	-109	clg "715"
5.250,00	z13	us coast guard key west, usa	32	ale-usb snd	-109	clg "gys"
5.250,00	z29	us coast guard point reyes, usa	235	ale-usb snd	-109	clg "bcu" 0433 clg "bcu"
5.251,00	diamanti	albanian moi/military, alb	1701	ale-usb snd	-209	clg drini
5.251,00	drini	albanian moi/military, alb	1659	ale-usb snd	-209	clg mali
5.251,00	mali	albanian moi/military, alb	1711	ale-usb snd	-209	clg drini
5.251,70	---	unid prob algerian customs	1740	pactor-1 100/	-209	calling oua prb.ouargla
5.254,00	---	unid	1943	fsk 200/500	-209	encrypted/chipher
5.254,00	0a	irish navy	1334	usb	-1208	wkg 57, voice after codan tx
5.254,00	1999	irish navy	1330	usb/codan	-1208	clg 36003, no joy
5.254,00	36003	irish navy	1326	usb/codan	-1208	
5.254,00	36004 [cvvo]	irish navy	1420	usb/codan 75/	-1208	clg 1999 [xsss]
5.256,00	fav22	french army mont valerien, f	531	cw	-409	gr (a)
5.258,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	1609	ale-usb snd	-409	clg lezsee
5.258,00	dbgy/bp25	bundespolizeiboot "bayreuth", d	508	ale-usb snd	-509	clg "lezsee"
5.258,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	1625	ale-usb snd	-409	
5.258,00	lezsee	lage- und einsatzzentrum cuxhaven, d	1945	ale-usb snd	-409	
5.258,50	ndswspol	wasserschutzpolizei niedersachsen, d	1330	ale-usb snd	-509	clg zpri prb. zb priwall
5.259,20	g7hk	unid	619	ale-usb snd	-309	clg/wkg "wtal"
5.260,00	0	unid	2100	ale-usb snd	-309	
5.260,00	1101	unid	2100	ale-usb snd	-309	
5.260,00	1105	unid	2100	ale-usb snd	-309	

5.260,00		5800	unid	2218	ale-usb snd	-109	
5.260,00		5810	unid	2241	ale-usb snd	-109	
5.260,00		5840	unid	2353	ale-usb snd	-109	
5.260,00		5850	unid	36	ale-usb snd	-109	
5.260,00		5870	unid	231	ale-usb snd	-109	
5.260,00		5880	unid	5	ale-usb snd	-109	
5.260,00	askar16rs		uzbek military	0	ale-usb snd	-309	to delta03rs1006 also delta03rs1006
5.260,00	fs01		algerian national guard, alg	2157	ale-usb snd	-409	clg "qm01"
5.260,00	omega70r		uzbek military	321	ale-usb snd	-109	to delta03rs1006
5.260,00	qm01		algerian national guard, alg	2156	ale-usb snd	-409	clg "fs01"
5.260,00	radar90rs		uzbak military, uzb	1824	ale-usb snd	-209	calling larza02rs1006
5.260,00	zt01		algerian national guard, alg	2123	ale-usb snd	-409	clg "fs01"
5.261,00	3taq		unid	1749	cw	-509	clg/wkg "5c4d"
5.261,20	---		unid saudi aero net station, ars	1734	arq-e 46,1/170	-109	idling
5.261,20	---		unid saudi aero net station, ars	1734	arq-e 46.1/170	-109	idling
5.261,20	---		saudi air forces, ars	1820	arq-e 46,2/170	-109	idle 1820 to 2120 idle
5.268,00		2010	turkish red crescent society	2231	ale-usb snd	-209	clg 2016
5.268,00		2011	turkish red crescent society	2031	ale-usb snd	-209	
5.268,00		2012	turkish red crescent society	2014	ale-usb snd	-209	
5.268,00		2013	turkish red crescent society	2039	ale-usb snd	-209	
5.268,00		2015	turkish red crescent society	1930	ale-usb snd	-209	
5.268,00		2016	turkish red crescent society	1912	ale-usb snd	-209	
5.268,00		2017	turkish red crescent society	1946	ale-usb snd	-209	
5.268,00		3771	turkish red crescent society	1900	ale-usb snd	-209	
5.268,00		4012	turkish red crescent society	2055	ale-usb snd	-209	
5.268,00		4017	turkish red crescent society	1847	ale-usb snd	-209	
5.268,50	xss		dhfcs forest moor, g	1700	ale-usb snd	-509	snd 1740,1810,1910
5.269,00	---		rus/cis military	1722	rus-75 75/200	-309	encrypted/chipher
5.269,00	aaa		israeli air force tel aviv, isr	1701	ale-usb snd	-109	
5.270,00		621	italian forces, i	1708	usb	-509	tfc ita/ing
5.270,00	ciarlie control		italian forces, i	1708	usb	-509	clg/wkg "6"
5.270,00	i?me		italian navy ship, i	1611	usb	-209	wkg "bussola"
5.270,00	id??		italian navy bussola, i ?	1611	usb	-209	clg/wkg "me"
5.270,50	buron22rs		uzbek army, uzb	1642	ale-usb snd	-209	clg "delta03rs1006"
5.270,50	delta03rs1		uzbek army, uzb	1642	ale-usb snd	-209	clg "buron22rs1006"
5.270,50	kamar20rs		uzbek army, uzb	1716	ale-usb snd	-209	clg "delta03rs1006"
5.270,50	larza02rs1		uzbek army, uzb	1838	ale-usb snd	-209	clg "radar90rs1006"
5.270,50	makon02r		uzbek army, uzb	1704	ale-usb snd	-209	clg "delta03rs1006"
5.270,50	murod02rs		uzbek army, uzb	1755	ale-usb snd	-209	clg "kamar20rs1006"
5.270,50	osmon02r		uzbek army, uzb	1800	ale-usb snd	-209	clg "radar90rs1006"
5.270,50	radar90rs		uzbek military	1602	ale-usb snd	-1208	clg larza02rs1006
5.270,50	radar90rs1		uzbek army, uzb	1634	ale-usb snd	-209	clg "tumor02rs1006"
5.272,00	---		unid	655	fsk 200/1000	-309	encrypted/chipher

5.272,00	---	sssi/fapsi, rus	1625	am/rus-6 tones mazielka	-1208	tone sequence 2 6 3 1 4 5
5.275,00	---	unid cis stn	1432	cw	-109	ok zff zyv zfu zhh zeh zkc qrr3 k
5.275,00	bora	albanian police, alb	1618	ale-usb snd	-209	clg "drini"
5.275,00	diamanti	albanian police tirana ?	1930	ale-usb snd	-209	clg "drini"
5.275,00	drini	albanian police drini	1919	ale-usb snd	-209	clg "bora"
5.275,00	mali	albanian police maliqui	1626	ale-usb snd	-209	clg "drini"
5.275,00	nrfi	unid cis stn	1520	cw	-109	vv kjui de nrfi qsa no qlp 10
5.276,00	---	unid rus/cis military	1820	81-81 81/250	-209	encrypted/chipher
5.276,00	nsh4	russian military	1530	cw	-109	nsh4 ok rpt al qln k
5.276,00	sa5r	russian military	1629	cw	-109	sends message to h4sh sa5r
5.276,50	---	rus/cis military	545	mpsk-12/usb	-409	encrypted/chipher
5.277,00	208	unid	2125	ale-usb snd	-309	to 238 & unid to 17 5
5.280,00	---	unid	2042	rtty 50/200	-109	endless rys, s/off w/out id
5.280,00	fs40	algerian national guard, alg	1516	ale-usb snd	-409	clg "gs48"
5.280,00	gs40	algerian national guard, alg	1511	ale-usb snd	-409	clg "gs43"
5.280,00	gs43	algerian national guard, alg	1521	ale-usb snd	-409	clg "gs40"
5.280,00	gs46	algerian national guard, alg	1758	ale-usb snd	-409	clg "fs40"
5.280,00	gs46	algerian national guard, alg	1758	usb	-409	vocoder tfc after ale calling
5.280,00	gs47	algerian national guard, alg	1536	ale-usb snd	-409	clg "fs40"
5.280,00	gs48	algerian national guard, alg	1952	ale-usb snd	-409	clg "fs40"
5.280,00	gs48	algerian national guard, alg	1740	usb	-409	vocoder tfc after ale calling
5.280,00	gs51	algerian national guard, alg	1836	usb	-409	vocoder tfc after ale calling
5.280,00	gs51	algerian national guard, alg	1836	ale-usb snd	-409	clg "gs52"
5.280,00	gs52	algerian national guard, alg	1537	ale-usb snd	-409	clg "gs40"
5.280,00	gs52	algerian national guard, alg	2202	usb	-509	vocoder tfc after ale calling
5.280,00	gs53	algerian national guard, alg	1653	usb	-409	vocoder tfc after ale calling
5.280,00	gs53	algerian national guard, alg	1540	ale-usb snd	-409	clg "gs55"
5.280,00	gs55	algerian national guard, alg	1532	ale-usb snd	-409	clg "gs50"
5.280,00	gs56	algerian national guard, alg	1718	usb	-509	vocoder tfc after ale calling
5.280,00	gs56	algerian national guard, alg	1517	ale-usb snd	-409	clg "gs58"
5.280,00	gs58	algerian national guard, alg	1718	usb	-509	vocoder tfc after ale calling
5.280,00	gs58	algerian national guard, alg	1532	ale-usb snd	-409	clg "gs56"
5.280,00	gs59	algerian national guard, alg	1543	ale-usb snd	-409	
5.280,00	gs65	algerian national guard, alg	1846	ale-usb snd	-409	clg "gs40"
5.280,00	gs76	algerian national guard, alg	1707	ale-usb snd	-409	clg "gs58"
5.280,00	gs76	algerian national guard, alg	1707	usb	-409	vocoder tfc after ale calling
5.281,70	---	unid military	718	nato-75 75/850	-209	encrypted/chipher
5.282,00	qblw	unid	550	cw	-109	wkg "iycm" 'iycm de qblw k rk de qblw k'
5.283,00	---	unid/prob, north african	325	usb	-109	om/accented-ff not mixed with local
5.283,00	---	unid, alg	1824	usb	-409	tfc fra/ara simplex with beep
5.283,00	1050	unid	1901	ale-usb snd	-409	
5.283,00	1550	unid	1845	ale-usb snd	-409	
5.283,00	191	unid	1903	ale-usb snd	-209	incomplete call !?
5.283,00	1918	unid	2017	ale-usb snd	-409	

5.283,00	333	unid	1849	ale-usb snd	-209 incomplete call !?
5.283,00	3331	unid	2030	ale-usb snd	-409
5.283,00	8055	unid	1903	ale-usb snd	-209
5.283,00	830	unid	1832	ale-usb snd	-209 incomplete call !?
5.283,00	8302	unid	1910	ale-usb snd	-409
5.283,00	8382	unid	1943	ale-usb snd	-409
5.285,00	bora	albanian moi/military, alb	1717	ale-usb snd	-209 clg drini
5.285,00	diamanti	albanian moi/military, alb	1722	ale-usb snd	-209 clg drini
5.285,00	drini	drini albanian police	1230	ale-usb snd	-209 clg "mali" 1258 clg "mali"
5.285,00	gs43	unid algerian national guard, alg	851	ale-usb snd	-409 clg "gs50"
5.285,00	mali	albanian police maliqui, alb	1230	ale-usb snd	-209 send msgs to "drini"
5.286,00	twba2	guardia civil barcelona, e	2042	ale-usb snd	-409 clg "txx2"
5.286,00	twbg1	guardia civil girona, e	1845	ale-usb snd	-409
5.286,00	twbg2	guardia civil girona, e	730	ale-usb snd	-409 clg "txx2"
5.286,00	twbl2	guardia civil lerida, e	1844	ale-usb snd	-409 clg "txx2"
5.286,00	twve2	guardia civil segovia, e	810	ale-usb snd	-409 clg "txx2"
5.286,00	tyma2	guardia civil avila, e	1838	ale-usb snd	-409 clg "txx2"
5.286,00	tymt2	guardia civil toledo, e	639	ale-usb snd	-409 clg "txx2"
5.286,00	tymv2	guardia civil cuenca, e	656	ale-usb snd	-409 clg "txx2"
5.286,00	tzsa2	guardia civile almeria, e	611	ale-usb snd	-209 clg "txx1!
5.286,50	otne	unid	654	cw	-209 clg/wkg "sgnq"
5.292,00	1112	unid	1823	ale-usb snd	-209
5.292,00	1119	unid	1837	ale-usb snd	-209
5.292,00	11965	unid iraqi net	1708	ale-usb snd	-209 clg 1922
5.292,00	1410	unid	2323	ale-usb snd	-109
5.292,00	1548	unid	1937	ale-usb snd	-209
5.292,00	1556	unid	2235	ale-usb snd	-109
5.292,00	1579	unid	1838	ale-usb snd	-209
5.292,00	1591	unid	2023	ale-usb snd	-309
5.292,00	1601	unid	1819	ale-usb snd	-209
5.292,00	1661	unid	2233	ale-usb snd	-109
5.292,00	1667	unid	259	ale-usb snd	-109
5.292,00	1671	unid	2242	ale-usb snd	-109
5.292,00	1706	unid	2039	ale-usb snd	-209 clg "3201"
5.292,00	1914	unid	1904	ale-usb snd	-209
5.292,00	2006	unid	1803	ale-usb snd	-209
5.292,00	4066	unid	2155	ale-usb snd	-209
5.292,00	7010	unid	2155	ale-usb snd	-209
5.292,00	7417	unid	1826	ale-usb snd	-209
5.292,00	7444	unid	1844	ale-usb snd	-209
5.292,00	7446	unid	1809	ale-usb snd	-209
5.294,20	---	saudi arabian air force, ars	1940	arq-e 46,2/170	-209 idle
5.295,00	fs20	algerian national guard, alg	2038	ale-usb snd	-509 clg "qm20"
5.295,00	je21	algerian national guard, alg	601	ale-usb snd	-509 clg "fs20"

5.295,00	je23	algerian national guard, alg	2147	ale-usb snd	-509	clg "fs20"
5.295,00	qm20	algerian national guard, alg	2038	usb	-509	vocoder tfc after ale calling
5.295,00	qm21	algerian national guard, alg	541	ale-usb snd	-509	clg "fs20"
5.295,00	qm25	algerian national guard, alg	504	ale-usb snd	-509	clg "fs20"
5.295,00	qx49	algerian military	2218	ale-usb snd	-1208	clg zt50
5.295,00	qx50	algerian military	1812	ale-usb snd	-309	clg zt50
5.295,00	xjh	unid uk military station	1621	ale-usb snd	-209	clg xss uk-defence hf comm service ncs
5.295,00	xss	defence hf comm service ncs forest moor, g	1701	ale-usb snd	-309	
5.295,00	xt21	algerian moi/military	2229	ale-usb snd	-509	contacts xt20
5.296,00	---	rus/cis military	1427	cis-75 75/200	-109	in traffic
5.296,00	---	unid rus/cis military	1618	mpsk-12/usb	-209	encrypted/chipher
5.296,50	t2z211	us army, irq	1850	ale-usb snd	-209	
5.296,50	tc2149	us army, irq	1850	ale-usb snd	-209	
5.297,00	---	unid	2047	cw	-209	tfc/gr(a
5.300,00	---	unid rus/cis military	1729	mpsk-12/usb	-109	encrypted/chipher
5.300,00	---	cis mil/meteo ??	653	cis-14 96/500	-109	tfc kry
5.300,00	75	unid	752	usb	-1208	wkg "20"
5.301,00	hqp1	rus/cis military	1759	cw	-409	conducts comms checks with ????
5.304,00	---	military	1734	stanag-4285/usb	-309	encrypted/chipher poor synch
5.305,00	738	unid	1730	ale-usb snd	-1208	
5.305,00	bsvb7	police brasov, rou	755	ale-usb snd	-1208	send msgs to "bsvb7"
5.305,00	cnpb7	police cluj napoca, rou	749	ale-usb snd	-1208	clg "bsvb7"
5.305,50	---	unid	1458	fsk 48.3/244	-409	idle
5.306,00	---	unid	1833	fsk 50/850	-109	encrypted/chipher
5.307,00	11	unid	752	usb	-1208	wkg "20"
5.307,00	14	unid	745	usb	-1208	wkg "20"
5.307,00	20	unid	745	usb	-1208	clg/wkg ,,,/tfc fra
5.307,00	22	unid	746	usb	-1208	wkg "20"
5.307,00	26	unid	753	usb	-1208	wkg "20"
5.308,00	d8t000ogb	lithuanian air defence battalion	2142	ale-usb snd	-209	to w5w000oekcoper air space ctrl ctr
5.309,00	t2z149	us army, irq	1859	ale-usb snd	-109	
5.309,00	t34cab	us army joint camp balad, irq	22	ale-usb snd	-409	34th combat aviation brigade
5.309,70	---	spanish forces, e	646	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
5.310,35	---	unid	1739	fec 100/170	-409	tfc kry
5.311,00	---	unid rus/cis military	510	81-81 81/500	-409	encrypted/chipher
5.311,50	---	unid	516	cw	-409	tfc
5.313,00	n6ob	unid	1727	cw	-309	duplex hand key
5.315,00	sab	goeteborg radio, s	653	pactor-gw	-109	encrypted/chipher/ch marker
5.319,00	---	unid rus/cis military	635	mpsk-12/usb	-209	encrypted/chipher
5.319,00	txx2	guardia civil madrid, e	1628	ale-usb snd	-209	clg twbg2 gc girona
5.320,00	---	unid	1806	cw	-209	gr (n)rpt groups '== 611 611 ttt ttt'
5.320,00	---	greek military, grc	547	usb	-309	tfc gre simplex
5.320,50	3	unid french military or german navy	1625	usb/8-fsk ale	-309	wkg 0 ? "zerointe ?", f.voice
5.321,00	11113	protection civile marocaine, mrc	2043	ale-usb snd	-309	5321 and 5435 khz

5.321,00		1113	protection civile marocaine, mrc	2231	ale-usb snd	-209	
5.321,80	---		unid	1802	cw	-209	gr (n)rpt groups
5.322,00	---		unid rus/cis military	1804	mpsk-12/usb	-209	encrypted/chipher
5.323,00	c6yj		unid	525	cw	-509	gr (a)
5.324,00	---		french air force, f	627	usb	-309	test 'ceci une emission decalorie.....'
5.325,00	---		fishermen	1927	usb	-309	british intership comms
5.325,00	rnd79		ptt/meteo moskva, rus ?	712	cis-arq 100/500	-109	encrypted/chipher
5.325,00	rnd79		unid russian ptp station	635	fsk-cw /500	-109	clg "vvv rbw x3 de rnd79 x2)
5.332,00	---		unid turkish forces.	626	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
5.332,00	---		tur tuf	637	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.332,00	bydgoszcz		polish forcesbydgoszcz, pol	1732	ale-usb snd	-209	clg "warszawa1"
5.332,00	warszawa		polish forces warszawa, pol	1917	ale-usb snd	-209	clg "bydgoszcz" 1930 clg "bydgoszcz"
5.332,60	---		unid	641	fsk 250/170	-109	encrypted/chipher
5.333,30	---		rus/cis military	1709	81-81 81/990	-309	in traffic
5.334,00		35	hungarian military	1006	ale-usb snd	-209	clg 082
5.334,00		93	hungarian military	452	ale-usb snd	-409	clg "082"
5.334,00		35	hungarian army 2041	931	ale-usb snd	-109	contacts
5.335,00		213	unid	48	ale-usb snd	-309	to 212; later unid to 25 9
5.335,00		257	unid	1800	ale-usb snd	-209	clg "156"
5.337,00	fav22		french army mont valerien, f	633	cw	-109	gr (a)
5.337,00	p3z159		us army, irq	1931	ale-usb snd	-209	
5.337,00	t1z244		us army, irq	1721	ale-usb snd	-209	
5.337,00	t3z159		us army, irq	1644	ale-usb snd	-209	
5.337,50	---		rus/cis military	732	mpsk-12/usb	-1208	encrypted/chipher
5.339,00	abc		mossad tel aviv, isr	1544	usb	-409	gr (a)
5.340,00	---		unid nato station	2249	nato-75 75/850	-109	continuous cipher
5.340,00	mt01		algerian national guard, alg	1801	ale-usb snd	-209	send msgs to "mt02"
5.340,00	mt02		algerian national guard, alg	1801	ale-usb snd	-209	send msgs to "mt01"
5.340,00	mt02		algerian national guard, alg	1803	ale-usb snd	-209	clg "mt01"
5.340,00	nar		us navy saddlebunch key, usa	654	nato-75 75/850	-109	encrypted/chipher
5.341,00	---		unid rus/cis military	1623	cis-75 75/200	-209	encrypted/chipher
5.342,00	---		unid military	557	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
5.342,00	---		rus/cis military	1738	bee 36-50 50/500	-309	encrypted/chipher
5.342,00	v		russian navy khiva, uzb	450	cw	-1208	beacon
5.343,00	---		unid military cis	1645	81-81 40.5/150	-209	running one channel of encrypted txt
5.343,00	rit		russian navy severomorsk, rus	1831	cw	-209	vvv ral46 derit qsa?
5.344,50	---		unid	1726	fsk 100/150	-209	encrypted/chipher
5.344,70	---		unid	1907	pactor-3	-309	encrypted/chipher
5.345,50	b5h		greman forces	1700	usb	-309	tfc ing/ted simplex
5.345,80	---		german airforce, d	1932	3 channel fec-a/192/200/vft/usb	-509	crypto
5.350,00	---		unid rus/cis military	543	bee 36-50/50/250	-509	tfc kry
5.351,00	12dv		iraqi army, irq	2126	ale-usb snd	-409	clg "igq"
5.351,00	1bd		iraqi army, irq	1721	ale-usb snd	-209	
5.351,00	5pb		unid	2003	ale-usb snd	-409	

5.351,00	igq	iraqi forces, irq	1709	ale-usb snd	-409	clg "4dv"
5.352,00	twba2	guardia civile barcelona, e	1015	ale-usb snd	-409	clg "txx2"
5.352,00	twbg1	guardia civile girona, e	616	ale-usb snd	-409	
5.352,00	twbg2	guardia civile girona, e	853	ale-usb snd	-409	clg "txx2"
5.352,00	twbm2	guardia civile mahon, e	528	ale-usb snd	-409	clg "txx2"
5.352,00	twcc1	guardia civile la coruna, e	1538	ale-usb snd	-409	clg "txx2"
5.352,00	twcc2	guardia civile la coruna, e	653	ale-usb snd	-409	clg "txx1"
5.352,00	twco2	guardia civile oviedo, e	1750	ale-usb snd	-409	clg "txx1"
5.352,00	twcp2	guardia civile pontevedra, e	558	ale-usb snd	-409	clg "txx1"
5.352,00	twlc1	guardia civile cantabria, e	909	ale-usb snd	-409	clg "txx1"
5.352,00	twve2	guardia civile segovia, e	738	ale-usb snd	-409	test 'texto.txt60,cr,48,1,1,1,0, tx
5.352,00	twvl2	guardia civile leon, e	617	ale-usb snd	-409	clg "txx2"
5.352,00	twvp1	guardia civile palencia, e	611	ale-usb snd	-409	clg "tyvv2"
5.352,00	twvp2	guardia civile palencia, e	613	ale-usb snd	-409	clg "txx2"
5.352,00	twvv2	guardia civile valladolid, e	1622	ale-usb snd	-409	clg "txx2"
5.352,00	txx1	guardia civile madrid, e	1655	ale-usb snd	-409	clg "twcc2"
5.352,00	txx2	guardia civile madrid, e	529	ale-usb snd	-409	clg "twbm2"
5.352,00	tyma2	guardia civile avila, e	652	ale-usb snd	-309	clg "txx2"
5.352,00	tymt2	guardia civile toledo, e	553	ale-usb snd	-409	clg "txx2"
5.352,00	tzsa1	guardia civile almeria, e	1052	ale-usb snd	-409	clg "tzss1"
5.352,00	tzsa2	guardia civile almeria, e	1022	ale-usb snd	-409	clg "txx1"
5.352,00	tzsg2	guardia civile granada, e	638	ale-usb snd	-409	clg "txx1"
5.352,00	tzsm2	guardia civile malaga, e	545	ale-usb snd	-409	clg "txx1"
5.352,00	tzsu2	guardia civile ceuta, e	1711	ale-usb snd	-409	clg "txx1"
5.353,00	---	unid rus/cis military	1626	81-81 81/250	-209	encrypted/chipher
5.354,50	---	unid rus/cis military	649	rus-75 75/200	-209	encrypted/chipher
5.354,50	---	unid	1930	fsk 100/150	-209	encrypted/chipher
5.355,00	1802	unid	714	ale-usb snd	-109	
5.355,00	bora	albanian police bora, alb	645	ale-usb snd	-109	send msgs to "drini"
5.355,00	diamanti	albanian moi/military, alb	1700	ale-usb snd	-209	clg drini
5.355,00	drini	albanian police, alb	707	ale-usb snd	-109	clg "bora"
5.355,00	mali	albanian moi/military, alb	2345	ale-usb snd	-209	clg drini
5.356,00	---	unid	2057	fsk 200/1000	-409	encrypted/chipher
5.356,00	g02	polish military station	1115	ale-usb snd	-309	clg g01
5.356,00	g05	polish military	1456	ale-usb snd	-309	clg g02
5.356,20	---	unid military	1851	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
5.361,80	---	german forces, d	642	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.365,00	dyktat01	polish military	1537	ale-usb snd	-309	clg g09
5.365,00	g05	polish military	1455	ale-usb snd	-309	clg g02
5.365,00	hokej30	polish military	1540	ale-usb snd	-309	clg wierzba22
5.365,00	zt10	algerian military/moi	2022	ale-usb snd	-109	contacts pt10 contacts km10
5.366,00	---	unid rus/cis military	2104	usb	-409	tfc rus duplex
5.366,20	---	unid military	1719	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
5.366,50	---	unid rus/cis military	1854	mpsk-12/usb	-209	encrypted/chipher

5.368,00	---	unid rus/cis military	2120	mpsk-12/usb	-409	encrypted/chipher
5.369,20	---	unid	1801	fsk 150/500	-309	encrypted/chipher
5.369,75	---	cis ptt	551	cis-arq 100/1000	-309	encrypted/chipher
5.370,00	---	unid	1711	cw	-309	gr (a)
5.370,00	9001	unid	1941	ale-usb snd	-309	
5.370,23	---	unid cis ptt	641	cis-arq 100/1000	-209	encrypted/chipher
5.371,50	---	fapsi	1710	crowd/usb	-1208	gr (a) 1717 gr(n '11166 50189 64459'
5.372,00	g7ze	unid	535	cw	-409	clg/wkg "h6ly"
5.373,00	236	unid	2020	ale-usb snd	-309	to 134 w/lqa
5.374,00	rcv	cis navy sevastopol, ukr	612	cw	-209	clg/wkg rfh70
5.376,00	wkni	russian military	2301	cw	-209	comms check with djf1 pjl9 8baz and 2j5n
5.376,50	1114	unid	150	ale-usb snd	-109	
5.376,50	1117	unid	2114	ale-usb snd	-209	
5.377,00	11qw	unid swedish army unid brigade/battalion	1450	ale-usb snd	-309	to 11vw1, 11vw, vw w/lqa & amds
5.377,00	11rw	unid swedish army unid brigade/battalion	1450	ale-usb snd	-309	to 11vw, 11wv1, 11sw w/lqa & amds
5.377,00	11sw	unid swedish army unid brigade/battalion	1450	ale-usb snd	-309	to 11tw, 11rw, tw w/lqa & amds
5.377,00	11tw	unid swedish army unid brigade/battalion	1450	ale-usb snd	-309	to 11vw, 11vw1, 11tw w/lqa & amds
5.377,00	11uw	unid swedish army unid brigade/battalion	1450	ale-usb snd	-309	to 11vw1, 11vw w/lqa & amds
5.377,00	11v4	swedish army, s	1807	ale-usb snd	-309	clg "k34"
5.377,00	11vw	swedish army; unid brigade/unid battalion	1654	ale-usb snd	-309	to ba, 11qw w/lqa & amds
5.377,00	11vw1	swedish army; unid brigade/unid battalion	1700	ale-usb snd	-309	to 11rw, ba w/lqa & amds
5.377,00	2qg	swedish army, s	1811	ale-usb snd	-309	
5.377,00	ba	swedish army; unid brigade	1458	ale-usb snd	-309	to 11vw w/lqa & amds
5.377,00	ql	swedish army; unid brigade	1500	ale-usb snd	-309	to ba, vl
5.377,00	ql1	swedish army unid brigade	1306	ale-usb snd	-309	to vl1 battalion stuff unit
5.377,00	sl1	swedish army unid brigade	1236	ale-usb snd	-309	to ql1 1st company w/lqa
5.377,00	TL 1	swedish army unid brigade	1237	ale-usb snd	-309	to sl1 3rd company
5.377,00	vl	swedish army; unid brigade	1457	ale-usb snd	-309	to ql
5.377,00	vl1	swedish army unid brigade	1300	ale-usb snd	-309	to "global allcall"w/amds "___n
5.378,00	---	unid	1737	cw	-509	tfc/gr(n '66t49 t6t5t rpt al qln ar '
5.378,00	---	unid rus/cis military	1755	mpsk-12/usb	-209	encrypted/chipher
5.379,00	7tla	unid	1022	usb	-409	clg "7tbc"/tfc fra
5.379,00	bora	albanian moi/military, alb	1716	ale-usb snd	-209	clg drini
5.379,00	diamanti	albanian moi alb	1717	ale-usb snd	-209	calling drini
5.379,00	drini	albanian moi alb	1717	ale-usb snd	-209	calling diamanti
5.379,00	mali	albanian moi/military, alb	2346	ale-usb snd	-209	clg drini
5.379,00	twcl2	guardia civil lugo, e	657	ale-usb snd	-409	clg "twco2"
5.379,00	twvs1	guardia civil salamanca, e	646	ale-usb snd	-409	clg "twcl2"
5.379,00	txx2	guardia civil madrid, e	1658	ale-usb snd	-409	clg "tyvm2"
5.379,00	tybm2	guardia civil mahon, e	1854	ale-usb snd	-409	clg "txx2"
5.379,00	tyme1	guardia civil madrid, e	948	ale-usb snd	-1208	clg twlv2 vizcaya
5.379,00	tymv	guardia civil cuenca, e	749	ale-usb snd	-409	clg "twco2"
5.379,00	tyvm2	guardia civil murcia, e	1659	ale-usb snd	-409	clg "txx2"
5.379,00	tzsj1	guardia civil jaen, e	2252	ale-usb snd	-309	later txx1 ncs madrid to tzss2 sevilla

5.380,00	cm02	algerian national guard, alg	656	ale-usb snd	-109	clg "zt01"	
5.381,00	10v1	iraqi army, irq	1818	ale-usb snd	-109	clg "igq" 2129 clg "2bd"	
5.381,00	1bd	iraqi army, irq	1818	ale-usb snd	-109	clg "10v1"	
5.381,00	2bd	iraqi army, irq	1837	ale-usb snd	-109	clg "10v1"	
5.381,00	7dv1	iraqi army, irq	1903	ale-usb snd	-109	clg "10v1"	
5.381,00	anb	iraqi forces, irq	1725	ale-usb snd	-209	clg "7dv"	
5.381,00	bot	iraqi forces, irq	1745	ale-usb snd	-209	send msgs to "nay1"	
5.381,00	ifg	iraqi forces camp victory, baghdad, irq	1727	ale-usb snd	-209	clg "17v" 1749 clg "17v"	
5.381,00	igq	iraqi army hq	1715	ale-usb snd	-209	clg modnet ministry of defence	
5.381,00	nay1	iraqi navynynawa, irq	1954	ale-usb snd	-109	clg "bot"	
5.381,00	nyn	ninewa iraqi navy, irq	2035	ale-usb snd	-209	clg "igq"	
5.382,00	114	unid	1838	ale-usb snd	-109	clg "288" 1839,2005,2025 clg "288"	
5.382,40	ie	italian army	715	usb	-209	italian traffic qsy ch #5	
5.384,74	491050	rnat, rus	1720	fsk-cw	-209	tfc	
5.388,00	bk21	algerian military	1707	ale-usb snd	-1208	clg zb20	
5.388,00	nd22	algerian national guard, alg	1402	ale-usb snd	-309	clg "zt20"	
5.388,00	zt20	algerian national guard, alg	1118	ale-usb snd	-309	clg "ac23" 1208clg "ab20"	
5.390,00	---	algerian railway service	2156	usb	-209	voice, french and arab	
5.390,00	data08	unid	1349	ale-usb snd	-808	only [this is] "data08"	
5.390,00	sntf	algerian railway line alger-annaba, alg	2232	usb	-109	voice french and arabic	
5.392,00	rcc	petropavlovsk	2100	cw	-209	net chatter, signal report	
5.393,00	---	unid rus/cis military	1856	bee 36-50 50/250	-209	tfc kry	
5.393,00	---	unid rus/cis military	1700	mpsk-12/usb	-309	encrypted/chipher	
5.393,70	d	cis navy beacon odessa, ukr	2127	cw	-209	gr (a)	
5.394,00	ksu1	unid	1744	cw	-1208	tfc 'de ksu1 qyt 4k ok as'	
5.394,50	12dv	12th division iraqi ground forces, irq	1708	ale-usb snd	-209	calling igq	
5.394,50	81aisofbs	iraqi special operations forces, irq	1707	ale-usb snd	-209	usb/mil.std.188-141 ale calling 61aisofbs	
5.396,00	---	unid rus/cis military	745	rus-75 75/250	-109	encrypted/chipher	
5.396,00	---	russian military	205	cw	-209	strategic flash msg	
5.397,00	---	unid rus/cis military	648	mpsk-12/usb	-209	encrypted/chipher	
5.397,00	---	unid rus/cis military	730	cw	-209	tfc	
5.397,00	kse1	unid	738	cw	-209	clg "6ont"	
5.397,00	ntck	unid	747	cw	-209	clg "6ont"	
5.397,00	ow8b	unid	741	cw	-209	clg "6ont"	
5.399,00	---	rus/cis military	655	rus-75 75/250	-109	encrypted/chipher	
5.400,00	---	rus/cis military	1745	cw	-409	gr n)	
5.400,00	---	agip, lby	646	usb	-109	tfc ara simplex final beep	
5.400,00	---	rus/cis military	530	mpsk-12/usb	-409	encrypted/chipher	
5.400,00	1	unid	1531	ale-usb snd	-109		2031
5.400,00	2	unid	1807	ale-usb snd	-109		2038
5.400,00	6111	nigerian national police force, nig	1633	ale-usb snd	-109	clg "611611"	
5.400,00	611611	nigerian national police force, nig	1845	ale-usb snd	-109	clg "611616"	
5.400,00	611612	nigerian national police force, nig	2241	ale-usb snd	-209		
5.400,00	611613	nigerian national police force, nig	2237	ale-usb snd	-209		

5.400,00	611615	nigerian national police force, nig	2052	ale-usb snd	-209	clg "611611"
5.400,00	611616	nigerian national police force, nig	1916	ale-usb snd	-109	clg "611611"
5.400,00	bora	albanian police	749	ale-usb snd	-109	send msgs to "drini"
5.400,00	bravo3	unid libyan "oil company/drilling" net	610	usb	-109	om/ee sx wkg "bravo 11", drilling status
5.400,00	bravo8	unid libyan "drilling net"	605	usb	-209	om/ee+aa wkgbravo 3 w/status report
5.400,00	diamanti	albanian police tirana ?	815	ale-usb snd	-109	clg "drini" 0854,1759,1839 clg "drini"
5.400,00	drini	albanian police	750	ale-usb snd	-109	send msgs to "borai"
5.400,00	lrd	unid	2223	ale-usb snd	-109	
5.400,00	mali	albanian moi/military maliqi, alb	1753	ale-usb snd	-209	calls drini-drini who responds
5.400,00	q4o6	russian air defence enigma m41 variant	1631	cw	-309	clg-mkr "q4o6 q4o6 . q4o6 ar"
5.400,50	---	rn caspian sea flotilla hq astrakhan	445	cw	-309	bcast fr "srednij kaspij rajon"
5.402,00	---	rus/cis military	1655	mpsk-12/usb	-309	encrypted/chipher
5.402,50	5eqb	pvo air defense m41, rus	930	cw	-209	vvv vvv 5eqb 5eqb, later tracking results
5.403,00	2bt	georgian military	554	ale-usb snd	-109	to brg w/lqa; unid to 3bt
5.403,00	brg	georgian military	547	unid	-109	to art w/lqa who replied
5.403,50	---	unid	1843	fsk 100/200	-209	encrypted/chipher
5.404,00	---	unid rus/cis military	1628	81-81 81/250	-209	encrypted/chipher
5.405,00	rhi	probably saudi net	2048	ale-usb snd	-109	contacts aai
5.405,00	rhl	saudi air forces, ars	1817	ale-lsb	-109	clg "aal"
5.405,00	rhn	saudi air forces, ars	1746	ale-lsb	-109	clg "aan"
5.405,00	rhp	unid saudi net	1638	ale-usb snd	-209	clg aap
5.407,00	lj6i	unid	1707	cw	-409	send msgs to "hu4q"
5.407,00	w3mt	unid	1715	cw	-409	clg/wkg "afl1"
5.410,00	---	unid	1900	fsk-cw	-209	tfc
5.410,00	5800	unid	1919	ale-usb snd	-209	
5.410,00	5810	unid	1939	ale-usb snd	-209	
5.410,00	5810	unid 58** net	2239	ale-usb snd	-209	
5.410,00	5820	unid	2040	ale-usb snd	-309	
5.410,00	5830	unid	1932	ale-usb snd	-209	
5.410,00	5840	unid	2056	ale-usb snd	-209	
5.410,00	5850	unid	2135	ale-usb snd	-209	
5.410,00	5880	unid	2105	ale-usb snd	-209	
5.410,00	5882	unid	2014	ale-usb snd	-209	
5.410,00	cs003	macadonian forces, mkd	925	ale-usb snd	-409	clg "rs0014"
5.410,00	cs003b	macadonian forces, mkd	1031	ale-usb snd	-409	clg "rs005b"
5.410,00	le1oa	nrrl emergency ops network ncs, bergen, nor	1510	usb	-409	om/nn in paskeberedskap pre-exercise
5.410,00	rlb21	ptt moskva, rus	758	cis-arq 100/1000	-109	0encrypted/chipher
5.410,00	rs0012	macadonian forces, mkd	1243	ale-usb snd	-409	clg "cs003"
5.410,00	rs0013	unid	1846	ale-usb snd	-109	clg cs003
5.410,00	rs0014	macadonian forces, mkd	858	ale-usb snd	-409	clg "rs0015"
5.410,00	rs0015	macadonian forces, mkd	900	ale-usb snd	-409	send msgs to "rs0014"
5.410,00	rs0016	macadonian forces, mkd	924	ale-usb snd	-409	clg "cs003"
5.410,00	rs0017	macadonian forces, mkd	1052	ale-usb snd	-409	clg "cs003"
5.410,00	rs005	macadonian forces, mkd	1213	ale-usb snd	-409	clg "cs003b"

5.410,00	rs009b	macadonian forces, mkd	1607	ale-usb snd	-409	clg "cs003a" 1723,1733,1743 clg "cs003a"
5.410,70	---	egyptian amb algier, alg	1922	arq 100/170/atu-80	-109	wkg cairo 6796,7
5.412,50	---	unid us navy ??	756	nato-50 50/850	-109	encrypted/chipher
5.414,00	123	algerian national guard, alg	705	ale-usb snd	-309	clg "vh30" 0715 clg "fs33"
5.414,00	fs30	algerian national guard, alg	904	ale-usb snd	-109	send msgs to "fs35"
5.414,00	fs31	algerian national guard, alg	1725	ale-usb snd	-309	clg "zt30"
5.414,00	fs33	algerian national guard, alg	715	ale-usb snd	-109	clg "vh30"
5.414,00	fs34	algerian national guard, alg	1811	ale-usb snd	-109	clg "zt30"
5.414,00	fs35	algerian national guard, alg	904	ale-usb snd	-109	clg "fs30" 1312 clg "fs30"
5.414,00	kf30	algerian military	2251	ale-usb snd	-109	clg zt30
5.414,00	kf31	algerian national guard, alg	1729	ale-usb snd	-109	clg "zt30"
5.414,00	kf33	algerian national guard, alg	949	ale-usb snd	-109	send msgs to "kf30"
5.414,00	kf34	algerian national guard, alg	1727	ale-usb snd	-309	clg "zt30"
5.414,00	kf35	algerian national guard, alg	722	ale-usb snd	-109	clg "kf30"
5.414,00	mdn	alger algerian national guard, alg	609	ale-usb snd	-309	clg "kf34"
5.414,00	vh30	algerian national guard, alg	714	ale-usb snd	-109	clg "fs35"
5.414,00	zt30	algerian national guard, alg	1032	ale-usb snd	-109	clg "kf33"
5.415,00	gq	royal navy vessel	1407	rtty 75/850	-309	ry/foxes to gxq
5.415,30	---	unid military	1708	rtty 75/850	-309	send kg84 sgs'ryryryryryryyryryvmgtcnjbh'
5.416,00	lta	argentine military net	202	cw	-309	"ltp is bt btbn zru zyt1 qm/ces/ban ar"
5.416,00	rit	rus/cis navy vaygach, rus	607	cw	-409	gr n)
5.416,00	rmzw	unid russian navy ship, rus	1944	cw	-209	in contact with ritzkm? zdg
5.417,50	---	nato fleet air defence modem	2340	link-11/usb	-209	simplex link 2 stations one weak
5.418,00	2igf	unid rus/cis military	1807	cw	-109	tfc
5.418,00	cjri	unknown origin	203	cw	-209	called 5ti9 3 times, no joy
5.420,00	c8y	british military	1911	usb	-209	om/ee wkg 4to
5.420,00	t10	us military al taji, irq ?	2329	ale-usb snd	-109	
5.421,50	ai9y	unid	1737	cw	-1208	tfc 'rpt k'
5.422,90	---	iraqi army, irq	1720	usb	-509	tfc ara simplex
5.422,90	3dv	iraqi army al kisik, irq	1838	ale-usb snd	-209	clg "modnet"
5.422,90	7dv1	iraqi army unid station, irq	2043	ale-usb snd	-209	clg "igq"
5.422,90	9dv1	iraqi army, irq	1822	ale-usb snd	-509	clg "igq"
5.422,90	igq	iraqi army, irq	1906	ale-usb snd	-509	tfc kry
5.422,90	nay	iraqi navy umm qasr, irq	1849	ale-usb snd	-209	clg "mod"
5.424,00	---	rus/cis military	2056	ms-5/at3004d/usb	-209	in traffic
5.425,00	cp	unid	1653	ale-usb snd	-309	clg zb
5.426,00	9pa5	unid	557	cw	-309	clg/wkg "itdd"
5.427,70	---	military	1830	stanag-4285/600l/5n1/usb	-209	continuostfc kry
5.430,00	usdsrayf	aftn tarko-sale airport, rus	530	rtty 100/200	-109	msgs on circuit tka to usdp unid
5.430,50	---	unid	606	cw	-309	tfc
5.432,00	---	unid	1740	cw	-309	tfc
5.433,00	---	unid	2135	usb	-309	+ 5472,00 usb
5.433,00	sab	goeteborg radio, s	754	pactor-gw	-109	encrypted/chipher/ch marker
5.433,20	---	military	2102	stanag-4285/600l/5n1/usb	-409	send kg 84 msgs

5.434,00	---	unid rus/cis military	529	cis-75 75/250	-509	encrypted/chipher
5.435,00	1103	marrocain dispatch centre, mrc	644	ale-usb snd	-509	
5.435,00	11043	protection civile marocaine, mrc	2133	ale-usb snd	-209	
5.435,00	art	mossad tel aviv, isr	736	usb	-109	gr (a) ing
5.438,00	---	rus/cis military	656	bee 36-50 50/200	-109	tfc kry
5.439,00	t2z211	air defence artillery company gsab, irq	1833	ale-usb snd	-309	2-211 aviation
5.439,00	tc152	us army, irq	1903	ale-usb snd	-109	
5.439,00	tc2149	c comp 2-149 general supp avi batt, irq	1821	ale-usb snd	-309	
5.440,00	rwd59	ptt moskwa, rus	646	rtty 50/500	-109	test 'vil by citrus ?'
5.443,00	---	unid military	1815	stanag-4285/2400l/5n1/usb	-109	continuos tfc kry
5.444,00	zcy7	unid	755	cw	-1208	wkg "t35a"/gr(a
5.444,80	fdi22	french air force narbonne, f	2057	rtty 50/400	-409	ry+test+foxes
5.446,50	---	unid french air force, f	2046	rtty 50/400	-209	2 stb ceci
5.446,50	---	afrts feeder	545	usb	-409	px
5.446,50	fdi22	french air force narbonne, f	2050	rtty 50/400	-309	ry/le brick-mkr
5.447,00	bt30	algerian national guard, alg	1528	ale-usb snd	-409	clg "bt30"
5.447,00	bt35	algerian military "fs30-net"	2327	ale-usb snd	-409	to fs30 w/lqa, later bt33 to fs30
5.447,00	dj30	algerian national guard, alg	1513	ale-usb snd	-409	clg "wa33"
5.447,00	fs30	algerian national guard, alg	1512	ale-usb snd	-409	clg "wa30"
5.447,00	fs30	algerian national guard, alg	1519	ale-usb snd	-409	send msgs to "wa30"
5.447,00	qc30	algerian national guard, alg	1522	ale-usb snd	-409	clg "fs30"
5.447,00	qc31	algerian national guard, alg	1514	ale-usb snd	-409	clg "fs30"
5.447,00	wa30	algerian national guard, alg	1519	ale-usb snd	-409	send msgs to "fs30"
5.447,00	wa33	algerian national guard, alg	1513	ale-usb snd	-409	clg "dj30"
5.447,00	wa35	algerian national guard, alg	1505	ale-usb snd	-409	clg "wa30"
5.450,00	201	unid	1858	ale-usb snd	-109	
5.450,00	233	unid	1940	ale-usb snd	-1208	
5.450,00	clb	unid	1910	ale-usb snd	-109	
5.450,00	cld	unid	1959	ale-usb snd	-109	
5.450,00	glt	unid	1855	ale-usb snd	-109	clg "klo"
5.450,00	mvu	royal air force volmet london,g	752	usb	-109	wx
5.450,00	vfx	unid	1834	ale-usb snd	-109	
5.450,00	woe	unid	1856	ale-usb snd	-209	clg "clb" 2205 clg "clb"
5.451,00	ground station 16	agana guam, fsm	1622	usb/hfdl/arinc-635-2	-209	
5.454,00	---	unid rus/cis military	540	mpsk-12/usb	-109	encrypted/chipher
5.454,00	---	rus/cis military	2210	cw	-109	endless letters, incl. cyrillic
5.454,00	---	rus/cis military	2255	ms-5/usb	-109	in traffic
5.456,00	---	unid rus/cis military	540	mpsk-12/usb	-209	649
5.456,00	rmm89	russian navy vessel	522	cw	-309	clg rcv black sea fleet hq fr "qsa ?"
5.457,00	g05	polish military	1455	ale-usb snd	-309	clg g02
5.460,50	---	unid rus/cis military	1713	usb	-209	russian fraffic duplex
5.461,00	rhv42	russian navy vessel	637	cw	-209	dx wkg rcv
5.465,96	r	rus/cis navy beacon izhevsk/ustinov, rus	1856	cw	-109	gr (a)

5.470,40	---	unid, alg	845	coquelet-8 26,60/	-409	tfc kry simplex
5.471,00	---	unid	1954	cw	-109	5lg msg
5.471,50	---	unid	2231	cw	-209	5-ltr groups
5.471,50	fav22	french army mont valerien, f	2249	cw	-109	902 1987 bt fsnch gfqbz
5.472,00	---	rus/cis navy ship, rus	1815	cw	-109	clg/wkg rcv
5.472,50	acz326	polish forces, pol	1750	ale-usb snd	-1208	clg "alfa"
5.472,50	alfa	polish forces, pol	1750	ale-usb snd	-1208	clg "acz326"
5.474,00	---	unid	1814	cw	-109	gr n)
5.475,00	---	russian military channel marker	514	squeaky wheel	-309	
5.476,00	210501	greek police	2136	ale-usb snd	-509	
5.476,00	210503	greek police	1911	ale-usb snd	-509	
5.476,00	210188	british rc police	1740	ale-usb snd	-109	
5.476,00	210203	british rc police	1951	ale-usb snd	-109	
5.476,00	210302	british rc police	2110	ale-usb snd	-109	
5.476,00	210588	british rc police	1626	ale-usb snd	-109	
5.476,00	210688	british rc police	1642	ale-usb snd	-109	
5.476,00	210888	british rc police	1709	ale-usb snd	-109	
5.477,00	2222	unid "5555-net" prob moroccan air force ?	330	ale-usb snd	-209	
5.479,00	rcc	petropavlovsk	1750	cw	-109	contacted vessel rjd93
5.480,00	albatha	unid	59	ale-usb snd	-409	
5.480,00	damman	saudi arabian border guard ad damman, ars	2057	ale-usb snd	-409	
5.480,00	riyadh	saudi arabian border guard riyadh, ars	1936	ale-usb snd	-409	
5.480,00	sheba	unid saudi arabian border guard, ars	2044	ale-usb snd	-409	
5.481,50	---	unid	1702	fsk 100/150	-409	encrypted/chipher
5.484,00	---	unid	1716	cw	-209	gr n)
5.493,00	---	kinshasa cod air afi-4	224	usb	-109	wkg "speedbird ,,'
5.493,00	---	luanda agl acc/fic afi-4	220	usb	-109	wkg "af371"
5.500,00	---	greek military	1808	usb	-109	tfc gre duplex
5.500,00	bafmed	usa aviation operation enduring freedom, afg	2300	ale-usb snd	-109	also snding on 6868,7 khz
5.500,00	qv5b	chinese military m89, chn	1829	cw	-409	v 7npe 7npe 7npe de qv5b qv5b
5.505,00	---	shannon volmet, irl	127	usb	-309	with wx for copenhagen, etc.
5.505,00	botb2	police botosani, rou	830	ale-usb snd	-1208	clg "smab2"
5.505,00	smab2	police satu mari, rou	802	ale-usb snd	-1208	clg "botb2"
5.508,00	1	san francisco air, usa	644	hfdl	-409	squitters
5.510,00	---	unid air/air forces ?	548	usb	-409	tfc fra/wx simplex
5.512,00	---	prb israeli navy station	1600	usb/ser,tone hybrid modem	-109	
5.512,00	---	unid military	1836	nato-100 100/850	-209	encrypted/chipher
5.515,00	---	unid rus/cis military	542	mpsk-12/usb	-109	encrypted/chipher
5.517,00	---	tripoli/ben gascir atcc, lby	354	usb	-309	traffic w/unidentifed flight poor
5.517,00	7t-vpr	algerian governmental flight	350	usb	-209	wkg tripoli w/routing details
5.517,00	bma 9762	british midland airways flight g-wwbm	208	usb	-109	wkg tripoli, for pos/rep
5.517,00	emirate37(	emirate flight	2201	usb	-109	clg seychelles & mogadishu radio
5.520,00	---	new york radio riverhead, usa	2317	usb	-209	wrk air italia 63c

5.526,00	---	piarco radio, trd	135	usb	-309	wkg "speedbird 346" flight
5.526,00	der813	deer jet aviation china flight	225	usb	-209	wkg cayenne w/posrep
5.529,00	9	arinc barrow alaska	1542	hfdl	-109	squitters
5.529,00	9v-ske	singapore airlines a380 flt sia318	1755	hfdl	-109	posrep to barrow
5.529,00	g-vred	virgin atlantic a340 flt vs0238	1716	hfdl	-109	fm london to hong kong
5.529,00	ja-8902	japan airlines cargo b747	1609	hfdl	-109	london to tokyo
5.529,00	vp-buo	aeroflot a319 flt su0108	2019	hfdl	-109	posrep 5534n 03502e via barrow
5.529,00	vp-bwd	aeroflot a320 flt su0211	2012	hfdl	-109	posrep 5958n 01209e via barrow
5.532,00	---	praha radio, cze	925	usb	-309	tfc cze/wx
5.532,00	2211	unid	1848	ale-usb snd	-1208	snd 2020,2050
5.532,00	okl	ldoc czech airlines ?	715	usb	-1208	cze om "metar
5.536,00	addis	addis abeba, eth	1934	usb	-209	wkg "ea...."
5.537,00	---	unid	1935	cw	-209	tfc simplex
5.540,00	---	enigma s30 pip	1957	cw	-109	every two seconds
5.541,00	---	ldoc stockholm radio, s	1836	usb	-109	wkg "reach 755"/phone patch
5.541,00	n930rd	reach 793	2008	usb	-209	requesting stockholm radio for selcal
5.542,00	---	unid military	1938	nato 100/850	-209	encrypted/chipher
5.542,00	---	prb israeli navy station	1558	usb/ser,tone hybrid modem	-109	
5.542,00	p2z10	2nd brigade combat team, irq	1920	ale-usb snd	-209	10th mountain division"commandos"
5.542,00	t10cab	10th combat aviation brigade "falcon", irq	1941	ale-usb snd	-209	
5.542,00	t1z10	us military	1527	ale-usb snd	-1208	
5.542,00	t1z10	10th mountain division "warrior brigade", irq	1941	ale-usb snd	-209	1st brigade combat team
5.542,00	t3z10	us army, irq	2014	ale-usb snd	-209	
5.542,00	t66cav	6th squadron 6th cavalry "six-shooters" irq	1908	ale-usb snd	-209	
5.544,00	---	unid rus/cis military	633	mpsk-12/usb	-109	encrypted/chipher
5.544,00	15	muhurroq air, bhr	2039	hfdl	-109	squitters
5.544,00	15	arinc al muharraq, bhr	2032	hfdl 300/2400/usb	-209	uplink to a7-aeg
5.547,00	---	air canada 058	1125	usb	-209	wkg san francisco radio position report
5.547,00	---	san francisco radio	1142	usb	-209	wkg "northwest 70"
5.547,00	reach01	us air force aircraft	1740	usb	-109	in contact with san francisco
5.547,00	reach6158	c-17a 06-6158, travis afb	1145	usb	-209	wkg san francisco radio
5.550,00	---	new york radio riverhead, usa	2340	usb	-1208	wkg "transat 498" for posrep
5.550,00	convoy352	navy air transport c-130	43	usb	-209	contact giantkiller on 133.52
5.551,00	123456	ncs civil defence, tur	205	ale-usb snd	-409	
5.551,00	3011	unid	1949	ale-usb snd	-109	clg "3251"
5.551,00	3031	ncs civil defence, tur	2051	ale-usb snd	-409	
5.551,00	3251	unid	1949	ale-usb snd	-109	clg "3011"
5.551,00	3341	ncs civil defence, tur	1901	ale-usb snd	-409	calling 3061
5.551,00	3351	ncs civil defence, tur	117	ale-usb snd	-409	
5.551,00	3421	ncs civil defence, tur	1922	ale-usb snd	-409	
5.551,00	3541	ncs civil defence, tur	2052	ale-usb snd	-409	
5.551,00	355	unid	1917	ale-usb snd	-109	clg "3011" imcoplete call
5.551,00	3561	ncs civil defence, tur	1853	ale-usb snd	-409	
5.551,00	3771	ncs civil defence, tur	2028	ale-usb snd	-409	

5.551,00	3811	unid	2037	ale-usb snd	-109	
5.551,00	4061	ncs civil defence, tur	56	ale-usb snd	-409	
5.551,00	8011	ncs civil defence, tur	47	ale-usb snd	-409	
5.551,00	8031	unid "turkish civil defence"-net station	253	ale-usb snd	-209	
5.551,00	8161	unid, tur	639	ale-usb snd	-209	
5.551,00	8251	ncs civil defence, tur	50	ale-usb snd	-409	
5.551,00	8341	ncs civil defence, tur	404	ale-usb snd	-409	
5.551,00	8351	ncs civil defence, tur	2016	ale-usb snd	-409	
5.551,00	8551	ncs civil defence, tur	137	ale-usb snd	-409	
5.551,00	9857	ncs civil defence, tur	1950	ale-usb snd	-409	
5.552,00	---	unid	719	ale-usb snd	-209	encrypted/chipher simplex protected link
5.552,00	---	unid station	1737	ale-usb snd	-209	link protected
5.555,00	---	unid military	1805	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
5.562,00	---	unid cuban station	615	usb	-309	relay msgs spa simplex
5.565,00	---	dakar info dakar/leopold sedar senghor, sen	2106	usb	-409	wkg "portugal ..."
5.565,00	244	prob georgian ?	354	ale-usb snd	-409	to 514, 686, 204, 571 w/lqas who replied
5.565,00	571	unid	1945	ale-usb snd	-209	clg "244"
5.574,00	---	san francisco radio	1221	usb	-209	wkg "qantas 7592" for posrep and selcal
5.575,00	---	unid	1310	cw	-1208	wx-report ", temperat__na minima minus
5.575,00	0	unid	2105	ale-usb snd	-109	same net on 5667,7
5.575,00	1050	unid	1853	ale-usb snd	-109	clg "8304" same net on 5667,7
5.575,00	11	unid	2123	ale-usb snd	-109	same net on 5667,7
5.575,00	1131	unid	2153	ale-usb snd	-109	same net on 5667,7
5.575,00	11965	unid	1903	ale-usb snd	-109	clg "0001" same net on 5667,7
5.575,00	1410	unid iraqi net	1817	ale-usb snd	-409	
5.575,00	1461	unid iraqi net	2102	ale-usb snd	-209	
5.575,00	1474	unid	1855	ale-usb snd	-109	clg "1919" same net on 5667,7
5.575,00	1511	unid	1759	ale-usb snd	-109	clg "1513" same net on 5667,7
5.575,00	1542	us national guard	1645	ale-usb snd	-109	
5.575,00	1543	unid iraqi net	2140	ale-usb snd	-209	clg 1542
5.575,00	1550	unid iraqi net	1749	ale-usb snd	-209	
5.575,00	1579	unid	1903	ale-usb snd	-109	clg "1410" same net on 5667,7
5.575,00	1591	unid	2120	ale-usb snd	-109	same net on 5667,7
5.575,00	1601	unid	2219	ale-usb snd	-109	same net on 5667,7
5.575,00	165	us national guard	1645	ale-usb snd	-109	
5.575,00	1656	unid	2156	ale-usb snd	-109	same net on 5667,7
5.575,00	1656	unid iraqi net	1857	ale-usb snd	-1208	
5.575,00	1661	unid	2232	ale-usb snd	-109	same net on 5667,7
5.575,00	1671	unid	2236	ale-usb snd	-109	same net on 5667,7
5.575,00	1676	us national guard	1645	ale-usb snd	-109	
5.575,00	171	us national guard	1645	ale-usb snd	-109	
5.575,00	1717	iraqi voice net	2044	ale-usb snd	-109	
5.575,00	1912	unid iraqi net	1740	ale-usb snd	-209	clg 0001
5.575,00	1918	unid	2224	ale-usb snd	-109	same net on 5667,7

5.575,00		1919	unid	1857	ale-usb snd	-109	clg "1474" same net on 5667,7
5.575,00		1928	iraqi voice net	2109	ale-usb snd	-109	
5.575,00		2001	unid	1800	ale-usb snd	-109	same net on 5667,7
5.575,00		2001	iraqi voice net	2058	ale-usb snd	-309	2001 and 1918
5.575,00		212	unid	2144	ale-usb snd	-109	same net on 5667,7
5.575,00		212	unid iraqi net	1643	ale-usb snd	-209	
5.575,00		2621	unid	2105	ale-usb snd	-109	same net on 5667,7
5.575,00		3002	unid	2140	ale-usb snd	-109	same net on 5667,7
5.575,00		3331	unid	2235	ale-usb snd	-109	same net on 5667,7
5.575,00		4020	unid	1915	ale-usb snd	-109	same net on 5667,7
5.575,00		4066	unid	2054	ale-usb snd	-109	same net on 5667,7
5.575,00		5000	unid	2121	ale-usb snd	-109	same net on 5667,7
5.575,00		5201	unid	2143	ale-usb snd	-109	same net on 5667,7
5.575,00		5502	unid	2121	ale-usb snd	-109	same net on 5667,7
5.575,00		641	us national guard	1645	ale-usb snd	-109	
5.575,00		7005	unid	2131	ale-usb snd	-109	same net on 5667,7
5.575,00		7010	unid	1955	ale-usb snd	-109	clg "73222" same net on 5667,7
5.575,00		7018	unid	2010	ale-usb snd	-109	same net on 5667,7
5.575,00		73222	unid	2112	ale-usb snd	-109	same net on 5667,7
5.575,00		741	us national guard	1645	ale-usb snd	-109	
5.575,00		7417	unid	2224	ale-usb snd	-109	same net on 5667,7
5.575,00		7449	unid	2103	ale-usb snd	-109	same net on 5667,7
5.575,00	yra		bucuresti air, rou	655	cw	-109	wx rou
5.576,50	---		algerian prefecture	2014	pactor	-409	clg "bostan8"
5.581,00	a00		unid	1622	ale-usb snd	-309	
5.581,00	aa1		israeli air force, isr	1710	ale-usb snd	-509	
5.581,00	aa4		israeli air force, isr	1658	ale-usb snd	-509	
5.581,00	aa8		isr. af tel aviv-ben gurion/lod ab, isr	2357	ale-usb snd	-309	later snd by aaa, aa1, aa3 & dd 7
5.581,00	aaa		israeli air force tel aviv, isr	1628	ale-usb snd	-109	
5.581,00	bb1		israeli air force palachim, isr	1739	ale-usb snd	-509	
5.581,00	bb5		israeli air force, isr	1656	ale-usb snd	-509	
5.581,00	c30		aircraft, israeli air force, isr	1848	ale-usb snd	-509	
5.581,00	dd3		israeli air-force, isr	0	ale-usb snd	-109	
5.581,00	dd6		israeli air force, isr	1725	ale-usb snd	-509	
5.581,00	t03		prob cbp cessna t210n n9403y	2108	ale-usb snd	-109	
5.588,00	---		nato tadil modem	2006	link-11 2250/usb	-509	two-channel or ssb diversity
5.588,00	albatha		saudi arabian border guard, ars	1945	ale-usb snd	-109	
5.588,00	alkhairan		saudi arabian border guard al khiran, ars	1916	ale-usb snd	-109	
5.588,00	alsohma		saudi arabian border guard ,ars	2212	ale-usb snd	-309	
5.588,00	damman		saudi arabian border guard ad damman, ars	2123	ale-usb snd	-109	
5.588,00	dammanm		saudi arab. border guard ad damman, ars	1926	ale-usb snd	-309	
5.588,00	erda		saudi arabian border grd ardah airport, ars	2200	ale-usb snd	-109	
5.588,00	manjor		saudi arabian border guard, ars	1921	ale-usb snd	-109	
5.588,00	omalzomo		saudi arabian border guard, ars	1940	ale-usb snd	-109	

5.588,00	shbeta	saudi arabian border guard shabeetah, ars	2042	ale-usb snd	-309	
5.588,00	sheba	saudi arabian border guard, ars	2035	ale-usb snd	-109	
5.588,00	thabalot	saudi arabian border guard za'abalutin, ars	1905	ale-usb snd	-109	
5.589,00	17	telde air, cnr	704	hfdl	-109	squitters 0705,0710,0717 squitters
5.598,00	---	new york radio riverhead, usa	352	usb	-309	radio wkg "edelweiss" flight
5.598,00	cnv3620	us navy c-130 aircraft "convoy" flight	448	usb	-209	wkg santa maria, qsy 3016 khz
5.598,00	csy	santa maria acc nat-a, azr	1902	usb	-109	wkg "9mstt' 1905 clg/wkg "europa 101"
5.598,00	hb-jes	jet club ag switzerland gulfstream v	518	usb	-209	wkg santa maria w/posrep
5.598,10	---	unid	245	usb	-209	selcal checks with unid aero
5.600,00	15	unid	245	ale-usb snd	-109	2030 to 33 & 64 w/lqa
5.600,00	18	unid	1812	ale-usb snd	-109	clg "19"
5.600,00	19	unid	2300	ale-usb snd	-109	to 18 w/lqa
5.600,00	222222	unid	1951	ale-usb snd	-109	
5.600,00	555555	unid	1938	ale-usb snd	-109	
5.600,00	585858	unid	2024	ale-usb snd	-309	
5.600,00	666666	unid	1833	ale-usb snd	-109	
5.600,00	888888	unid	1844	ale-usb snd	-309	
5.606,50	---	fishermen	841	usb	-409	fr d/x
5.611,00	---	unid	2005	usb	-409	tfc ara simplex
5.616,00	---	shanwick/shannon air nat-b, irl	1858	usb	-309	wkg"reach 733"
5.616,00	---	gander radio, can	121	usb	-309	wkg us air force "reach" aircraft
5.616,00	pix 329	metropix uk flight	2004	usb	-309	wkg shanwick w/pos rep
5.620,00	---	unid cis	1742	usb	-409	tfc rus simplex
5.622,00	14	krasnoyarsk air, rus	1849	acars	-109	squitters
5.622,00	d-alcs	lufthansa cargo md-11 flt lh8271	2150	hfdl	-109	posrep via riverhead 4147n 00631e
5.627,00	---	unid	633	ale-usb snd	-209	encrypted/chipher simplex protected link
5.628,00	---	san francisco radio ldoc, usa	1548	usb	-109	working korean air 011
5.637,00	---	bucuresti informare bucuresti, rou	703	usb	-109	tfc rou
5.646,00	---	jeddah air, ars	1852	usb	-109	tfc ing/ara/wx
5.648,00	comando	spanish army, e	1250	usb	-109	tfc spa 'aqui comando solicito..' simplex
5.648,00	uoe408	spanish army, e	1251	usb	-109	clg "tridente"1254,1329 clg "tridente"
5.649,00	---	gander air radio nat-c, can	2128	usb	-409	tfc ing/selcall
5.649,00	---	shanwick shannon air nat-c, irl	1253	usb	-109	tfc ing/selcall
5.649,00	turkish 6	unid flight	351	usb	-1208	clg gander
5.650,00	alger	unid alger, alg	1750	usb	-109	tfc fra/ara simplex
5.651,50	tro	riga se, grc	702	usb	-109	clg "osmi" simplex
5.652,00	4	riverhead air radio, usa	702	acars	-209	squitters
5.652,00	av0251	unid avancia aircraft	2301	hfdl	-1208	posrep 1821n 06937w
5.652,00	awn 5104	air niamey niger flight	354	lsb	-1208	clg n'djamena, no joy ;-)
5.652,00	g-voge	virgin atlantic a340 'cover girl'	2152	hfdl	-109	logs on to riverhead
5.652,00	g-vyou	virgin atlantic a340 'emmeline heaney'	2252	hfdl	-1208	posrep via riverhead 5442n 01053e
5.652,00	zs-sni	s,african airways a340 flt sa0221	2305	hfdl	-1208	posrep 3423n 00048e
5.652,00	zs-sxf	s,african airways a340 flt sa0265	2306	hfdl	-1208	posrep 2734n 01421e
5.654,00	---	unid military	800	nato-100 100/850	-509	encrypted/chipher

5.655,00	---	manila radio/mckinley rizal acc sea-2, phl	1900	usb	-109	wkg "united 870"
5.655,00	6	hat yai air, tha	1851	acars	-109	squitters
5.658,00	---	lahore radio acc/fic mid, pak	1724	usb	-209	tfc ing/selcall
5.658,00	mumbai	radio mumbai, ind	1754	usb	-109	wkg "katary 373" 1758 wkg "katary 303"
5.662,00	g-vshy	virgin atlantic a340 'madame butterfly'	2302	hfdl	-1208	posrep 3541n 00019e
5.665,00	---	unid	622	ale-usb snd	-309	tfc kry simplex
5.667,00	---	baharain control muhurroq acc mid-1/2, bhr	2103	usb	-309	tfc ing/selcall
5.667,70	0	unid	2128	ale-usb snd	-109	same net on 5575,0
5.667,70	1050	unid	1930	ale-usb snd	-109	clg "8304" same net on 5575,0
5.667,70	1131	unid	2154	ale-usb snd	-109	same net on 5575,0
5.667,70	11965	unid iraqi net	1739	ale-usb snd	-209	
5.667,70	1474	unid station, irq	2125	ale-usb snd	-409	
5.667,70	1501	unid	2050	ale-usb snd	-109	same net on 5575,0
5.667,70	1651	unid	2208	ale-usb snd	-109	same net on 5575,0
5.667,70	1671	unid	1836	ale-usb snd	-109	same net on 5575,0
5.667,70	1717	unid station, irq	2141	ale-usb snd	-409	
5.667,70	1919	unid iraqi net	1741	ale-usb snd	-209	clg 1474
5.667,70	1928	unid iraqi net	2005	ale-usb snd	-209	
5.667,70	3002	unid	2137	ale-usb snd	-109	same net on 5575,0
5.667,70	4020	unid	1912	ale-usb snd	-109	same net on 5575,0
5.667,70	4066	unid	1935	ale-usb snd	-109	clg "1601" same net on 5575,0
5.667,70	4400	unid	2122	ale-usb snd	-109	same net on 5575,0
5.667,70	5500	unid	2123	ale-usb snd	-109	same net on 5575,0
5.667,70	7322	unid	2116	ale-usb snd	-109	same net on 5575,0
5.667,70	7417	unid	2221	ale-usb snd	-109	same net on 5575,0
5.667,70	7444	unid	1845	ale-usb snd	-109	same net on 5575,0
5.667,70	7448	unid station, irq	2137	ale-usb snd	-409	
5.667,70	8382	unid station, irq	2044	ale-usb snd	-409	
5.667,70	8888	unid	2158	ale-usb snd	-109	same net on 5575,0
5.670,00	---	chennai radio, ind	1711	usb	-209	wkg "malasyan 20"
5.670,00	---	colombo radio ratmalana, cln	1855	usb	-109	wkg "madascar 1020"
5.680,00	gff	royal air force kinloss rescue, g	1939	usb	-209	working rescue 11
5.684,00	dl0004dat	us air force unid a/c	1026	ale-usb snd	-1208	
5.684,00	offnpr	nipri net facility offutt afb ne, usa	2221	ale-usb snd	-109	
5.687,00	---	luftwaffe m�nster 91?	2118	usb	-109	all d/x / noise
5.687,00	dhm91	german air force m�nster, d	1706	usb	-209	tfc ted/wx
5.689,90	---	turkish military	1907	stanag-4285/600l/3300	-309	kg84 crypto messages
5.690,00	---	unid turkish military	1802	usb	-1208	simplex turkish traffic
5.690,00	charlie 252	iac irish air corps casa/iptn cn235 persuader	1117	usb	-309	maritime patrol aircraft #252 wkg "0a"
5.691,00	---	kirensk volmet, rus	1930	usb	-209	wx rus
5.691,00	---	irkutsk volmet, rus	2155	usb	-409	wx rus
5.696,00	---	us coast guard camslant chesapeake	2235	usb	-209	clg rescue 13 req flt ops
5.696,00	---	royal navy culdrose ops cultrose nas, g	1125	usb	-209	sx wkg "navy 563" & "navy 567"

5.699,00	gray knight 803	unid	248	usb	-309	calling habitat on high fox red
5.700,00	222222	unid	1653	ale-usb snd	-309	clg "585858"
5.700,00	555555	unid "arab"-net	350	ale-usb snd	-1208	to 222222 w/lqa who replied
5.700,00	585858	unid	1653	ale-usb snd	-309	clg "222222"
5.700,00	777777	unid	1943	ale-usb snd	-309	clg "222222"
5.700,00	888888	unid	1705	ale-usb snd	-309	clg "222222"
5.700,40	---	military	1759	stanag-4285/600l/5n1/usb	-309	continuostfc kry
5.701,50	fdi22	french air force narbonne, f	553	rtty 50/400	-509	ry+test+foxes
5.702,00	adwspr	us air force camp springs andrews afb, usa	2123	ale-usb snd	-309	
5.702,00	crospr	us air force croughton, g	1851	ale-usb snd	-309	
5.702,00	fwv	french navy nimes garons, f	921	nato-75 75/850	-309	tfc fra simplex
5.702,00	guaspr	us air force andersen afb barrigada, gum	2229	ale-usb snd	-209	
5.702,00	hawspr	us air force wideawake, asc	2226	ale-usb snd	-209	
5.702,00	iczspr	us navy sigonella, i	1829	ale-usb snd	-309	
5.702,00	jdgspr	us navy diego garcia, dga	1805	ale-usb snd	-309	
5.702,00	jnr	salinas ab porto rico, ptr	652	ale-usb snd	-409	
5.702,00	jnrspr	us navy salinas ab roosvelt roads, prt	2210	ale-usb snd	-209	
5.702,00	jtyspr	us navy yokota, j	1801	ale-usb snd	-309	1835
5.702,00	plaspr	us air force lajes, azr	1852	ale-usb snd	-309	
5.703,40	fdi22	french air force narbonne, f	510	rtty 50/400	-509	ry+test+foxes
5.704,00	fwv	french navy nimes garons, f	918	nato-75 75/850	-309	encrypted/chipher
5.705,00	---	unid rus/cis military	1748	mpsk-12/usb	-209	encrypted/chipher
5.707,50	mongoose	unid nato military ncs	249	usb	-209	om/ee wkg i0n skandinavian ?
5.707,50	mongoose	unid nato ncs, central europe	1135	usb	-209	om/ee wkg 9xe, 7yn
5.708,00	---	us air force andersen afb barrigada, gum	1933	usb	-209	clg/wkg "diego garcia" radio cecks
5.708,00	100465	us air force aircraft, usa	2011	ale-usb snd	-109	
5.708,00	220101	us air force aircraft, usa	2143	ale-usb snd	-109	
5.708,00	244133	us air force aircraft, usa	1757	ale-usb snd	-209	
5.708,00	abcd	unid	512	ale-usb snd	-209	on hf-gcs frequencies
5.708,00	adw	us air force andrews afb camp springs, usa	2034	ale-usb snd	-109	snd 0027 clg "ac3"
5.708,00	cro	us air force croughton, g	2113	ale-usb snd	-109	
5.708,00	cuw	us air force pla lajes, azr	1938	ale-usb snd	-109	
5.708,00	e30137	us air force aircraft, usa	1933	ale-usb snd	-209	clg "jty"
5.708,00	fue	french navy	658	usb	-409	fr /noise
5.708,00	gbl	raf/rn gibraltair, gib ?	2144	ale-usb snd	-109	
5.708,00	gua	us air force andersen afb barrigada, gum	1932	ale-usb snd	-109	
5.708,00	hotel romeo	unid french military, prob naval mpa	1201	usb	-209	om/ff sx wkg unid
5.708,00	icz	us navy sigonella, i	1848	ale-usb snd	-109	
5.708,00	jdg	us navy diego garcia, dga	1933	usb	-209	wkg "andersen" radio cecks
5.708,00	jdg	us navy diego garcia, dga	1819	ale-usb snd	-109	
5.708,00	jnr	us scope command stn roosevelt roads, ptr	2253	ale-usb snd	-109	pla-scope command stn lajes azr snding

5.708,00	jnr	us navy salinas ab roosvelt roads, ptr	2107	ale-usb snd	-109	
5.708,00	jnr	us navy, prt	819	ale-usb snd	-1208	
5.708,00	mcc?	mcclellan afb ?	319	ale-usb snd	-209	[amd] burst [amd] "good and readable"
5.708,00	off	us air force offut afb omaha, usa	2205	ale-usb snd	-109	
5.708,00	pg	unid french naval air aircraft mpa ?	1938	usb	-309	om/ff sx wkg armor centre
5.708,00	pla	us air force lajes, azr	709	ale-usb snd	-1208	
5.709,00	---	unid	1724	ale-usb snd	-409	encrypted/chipher
5.709,00	---	unid station	1620	ale-usb snd	-109	link protected
5.710,00	---	unid	1845	usb	-109	tfc ara simplex
5.710,00	iczspr	us navy sigonella, i	711	ale-usb snd	-209	
5.710,00	ikz	british rc military	620	usb	-209	tfc gre simplex
5.710,00	jkv	unid	1857	ale-usb snd	-109	clg "vkm"
5.710,00	knl	unid	619	ale-usb snd	-209	621
5.710,00	mkv	unid	1719	ale-usb snd	-309	to kou w/lqa who replied
5.710,00	vkm	unid	1710	ale-usb snd	-309	to njk w/lqa who replied
5.711,00	aat	us shares incomplete, tent "aat3bf"	430	ale-usb snd	-409	to 311 incomplete, maybe "3113"
5.711,00	key798	us epa, unid portable unit shares-net	100	ale-usb snd	-209	
5.712,00	60	italian af c-130j-30	0	ale-usb snd	-109	calls charly46-hq 46 bde italian af
5.712,00	charly46	italian af hq 46 san giusto ab	2055	ale-usb snd	-109	calls 46-c-130j mm62181/46-46
5.714,00	fui	french navy ajaccio corse air	2038	usb	-209	reporting and ctrl lnet om/ff id as "ui"
5.716,00	---	unid	700	fsk 75/850	-309	encrypted/chipher
5.716,70	---	unid tun/alg station	1755	coquelet-8 26,67/250	-1208	crypto
5.716,75	---	unid algerian military	743	coquelet-8 26,6	-109	tfc kry simplex
5.716,80	---	faf ?	1610	coquelet-8 26,67/	-1208	encrypted txt
5.717,00	dho32 junior operator	german air force wunstorf, d	1147	usb	-309	wkg dhm91 gaf muenster
5.717,40	bpxl	iranian military	827	rtty 50/400	-409	ry
5.718,90	1706	unid iraqi net	1809	ale-usb snd	-209	
5.720,00	3	reykjavik air, isl	1844	hfdl	-109	squitters
5.720,00	papa whisky	unid us military, prob navy ?	225	usb	-309	wkglima any exercise or battle group ?
5.720,00	vp-bik	air bridge cargo flt abw491	2127	hfdl	-309	posrep 5611n 04515e
5.720,00	vq-baz	aeroflot a320 flt su0715	2128	hfdl	-309	logs on
5.725,00	1219	unid french military	1015	usb	-409	om/ff sx wkg 0404, id as "12 19"
5.725,00	230201	unid "23/26nn0n-net"	300	ale-usb snd	-209	
5.725,00	231901	unid "23/26nn0n-net"	300	ale-usb snd	-209	
5.725,00	233204	unid "23/26nn0n-net"	312	ale-usb snd	-209	
5.725,00	233303	unid "23/26nn0n-net"	300	ale-usb snd	-209	
5.725,00	88k	unid military	1844	usb	-109	wkg "o8t"
5.725,00	f7y	multinational naval net	410	usb	-209	om/ee-us wkg u9v
5.725,00	j2i	unid multinational military net	59	usb	-309	om/ee sx wkg 2yw
5.725,00	o8t	unid military	1844	usb	-109	clg/wkg "88k"
5.726,00	1219	unid french military	1010	cw	-409	sx wkg 0404 w/morse training msg

5.727,40	---	nato tadil-a modem	1904	link-11 2250/usb single channel	-409	
5.730,00	611617	nigerian police, nig	145	ale-usb snd	-309	
5.731,00	---	unid	1756	fsk-cw	-309	tfc
5.732,00	500	us coast guard hc-130h, usa	648	ale-usb snd	-209	clg "z13"
5.732,00	501	us coast guard hc-130h, usa	452	ale-usb snd	-109	clg "lnt"
5.732,00	5mojxe	unid	35	ale-usb snd	-309	aqc
5.732,00	6	cpb, usa ?	106	ale-usb snd	-109	
5.732,00	707	us coast guard hc-130h, usa	2216	ale-usb snd	-309	
5.732,00	716	us coast guard hc-130h, usa	45	ale-usb snd	-309	
5.732,00	718	us coast guard hc-130h cgas sacramento, usa	2303	ale-usb snd	-209	
5.732,00	720	us coast guard hc-130h, usa	509	ale-usb snd	-309	clg "lnt"
5.732,00	a10	cbp uh-60, usa	5	ale-usb snd	-109	
5.732,00	a39	cbp ab139, usa	2341	ale-usb snd	-209	
5.732,00	a65	cbp uh-60, usa	2325	ale-usb snd	-109	
5.732,00	a82	cbp uh-60, usa	2304	ale-usb snd	-209	
5.732,00	abqsec	cothen remote omni-directional transmitter	30	ale-usb snd	-309	stanley "albuquerque", nm [=keb762]
5.732,00	bcu	us coast guard sawfish, usa	2353	ale-usb snd	-109	clg "z13"
5.732,00	cg718	hc-130h, cgas sacramento	48	ale-usb snd	-209	
5.732,00	cg718	hc-130-h	54	ale-usb snd	-209	wkg camspac, point reyes
5.732,00	d01	cbp bombardier q400 detector unit	306	ale-usb snd	-209	plus snds by j15, d4 5
5.732,00	d05	cbp bombardier q400, usa	2324	ale-usb snd	-509	
5.732,00	d14	cbp p-3a "slick", usa	2250	ale-usb snd	-309	
5.732,00	d31	cbp p-3b "slick", usa	2229	ale-usb snd	-109	
5.732,00	d45	cbp p-3 aew&c n145cs/buno	1522	ale-usb snd	-109	
5.732,00	d46	cpb p-3 aew p-3 aew&c, usa	2255	ale-usb snd	-109	
5.732,00	d48	us customs p-3 n148cs	720	ale-usb snd	-309	[this was] d4 8
5.732,00	d70	cbp p-3a "slick, usa	118	ale-usb snd	-109	
5.732,00	d95	cbp p-3a "slick, usa	36	ale-usb snd	-309	
5.732,00	f29	us coast guard hu-25, usa	2256	ale-usb snd	-309	
5.732,00	f33	us coast guard hu-25, usa	138	ale-usb snd	-309	0142 clg "lnt"
5.732,00	f35	us coast guard hu-25, usa	138	ale-usb snd	-409	
5.732,00	f40	us coast guard hu-25, usa	2336	ale-usb snd	-109	
5.732,00	fgde	unid rus/cis governmental	533	rtty 50/500	-309	wkg cnox ry into 115x5fg
5.732,00	hsd	us coast guard cutter "drummond"	16	ale-usb snd	-209	wpb 1323 [=nhsd]
5.732,00	i34	cpb cessna 550, usa	141	ale-usb snd	-409	
5.732,00	icb	us coast guard forward, usa	2308	ale-usb snd	-409	
5.732,00	j03	us coast guard hh-60j, usa	346	ale-usb snd	-209	clg "lnt"
5.732,00	j09	us coast guard hh-60j, usa	2334	ale-usb snd	-109	clg "lnt"
5.732,00	j10	us coast guard hh-60j, usa	139	ale-usb snd	-309	
5.732,00	j11	us coast guard hh-60j, usa	2241	ale-usb snd	-309	
5.732,00	j12	us coast guard hh-60j, usa	2258	ale-usb snd	-109	
5.732,00	j15	us coast guard hh-60j, usa	426	ale-usb snd	-109	0430 clg "lnt"
5.732,00	j22	us coast guard hh-60j, usa	2339	ale-usb snd	-309	clg "lnt"
5.732,00	j24	us coast guard hh-60j, usa	25	ale-usb snd	-309	clg "tsc"

5.732,00	j25	us coast guard hh-60j, usa	207	ale-usb snd	-109	
5.732,00	j29	us coast guard hh-60j, usa	2230	ale-usb snd	-109	clg "opb"
5.732,00	j39	us coast guard mh-60j, usa	2314	ale-usb snd	-109	
5.732,00	j42	us coast guard hh-60j, usa	454	ale-usb snd	-109	0458 clg "opb"
5.732,00	k10	us coast guard mh-65c savannah, usa	2230	ale-usb snd	-309	multi-mission cutter helicopter #6510
5.732,00	lnt	us coast guard chesapeake, usa	2325	ale-usb snd	-109	clg "a65"
5.732,00	mempri	cothen remote omni-directional transmitter	13	ale-usb snd	-209	memphis, tn [=kps396]
5.732,00	n01	us coast guard hc-144a, usa	2358	ale-usb snd	-409	
5.732,00	n02	us coast guard hc-144a, usa	59	ale-usb snd	-309	
5.732,00	n04	us coast guard hc-144a, usa	113	ale-usb snd	-309	ocean sentry medium range search aircraft
5.732,00	nas	us coast guardc escanaba, usa	2238	ale-usb snd	-409	
5.732,00	opb	dea nassau, bah	2231	ale-usb snd	-109	clg "j29"
5.732,00	pac	unid	200	ale-usb snd	-209	clg j03-uscg hh-60j no 6003-cgas
5.732,00	pac	us coast guard point reyes, usa	353	ale-usb snd	-109	clg "702"
5.732,00	rkn	us coast guard bear, usa	2337	ale-usb snd	-109	
5.732,00	rlt	us coast guard, usa ?	2350	ale-usb snd	-509	
5.732,00	rpm	us coast guard legare, usa	309	ale-usb snd	-309	
5.732,00	t42	cpb piper pa-42-720r, usa	425	ale-usb snd	-509	
5.732,00	t5q	cpb, usa ?	221	ale-usb snd	-509	
5.732,00	t9a	cpb piper pa-42-720r, usa	226	ale-usb snd	-509	
5.732,00	tsc	choten orlando,fl, usa	2315	ale-usb snd	-109	clg "d95"
5.732,00	ucg	us coast guard point reyes, usa	544	ale-usb snd	-109	clg "501"
5.732,00	z13	us coast guard key west, usa	2356	ale-usb snd	-109	clg "bcu"
5.733,00	---	unid station	1847	mil-std 188-110/serial/1200s/3300	-309	several short crypto messages
5.733,50	---	unid prob russian air defence pvo enigma m41	2326	cw	-209	tracking reps ? each 2 min
5.734,40	olo32	prague diplo bcast ?	1841	fec	-409	encrypted
5.735,00	300	unid	2020	ale-usb snd	-409	
5.736,00	---	unid rus/cis military	1620	cw	-309	5fgs s/off with rpt al qln k
5.736,00	---	unid	1808	psk/usb	-109	encrypted/chipher pilot tone 980 hz
5.736,00	---	unid rus/cis military	544	mpsk-12/usb	-109	encrypted/chipher
5.736,00	z3k1	net control	1427	cw	-409	clg/wkg ... duplex
5.737,00	---	israeli intel, isr	1843	4vft/psk-75/75	-309	pilot tone on 5737data 300 hz higher
5.737,28	---	intel, isr	1945	fsk-vft 75/50 acf 112	-209	only one ch used no decode
5.738,60	fav22	french army mont valerien, f	513	cw	-509	gr (a)
5.740,00	437843	unid station	1856	ale-usb snd	-309	[this was] 43784 3
5.741,00	---	unid russian "governmental", prob diplo?	605	rtty 100/500	-109	dx circuit "20108" 5lgs/fgs msg to unid
5.741,00	---	fapsi	610	rtty 100/500	-309	gr (a)
5.741,00	---	unid russian "governmental", prob diplo?	535	fsk /500	-109	dx circuit "20108" mark-tone, fsk-cw
5.741,70	103	unid	2103	ale-usb snd	-209	clg "104"
5.741,70	sse	mfa cairo, egy	1433	fec atu80	-1208	"jg cfuw ods 5323"
5.744,00	---	unid	1910	ale-usb snd	-309	link protected
5.744,00	---	unid	551	cw	-409	tfc/gr(a
5.744,00	1ta6ff	thales/french navy	1737	ale-usb snd	-209	connects to 1tl0ff
5.744,00	abn	prob eastern europe/maybe poland ?	1125	usb	-209	om/ee-east european accent ?

5.745,00	warship 70	testing with norfolk sesef	1419	usb	-509	warship 70 responding in voice on 5745
5.746,60	---	saudi air forces, ars	1804	br6028/arq-e/46,2/170 4ch/usb	-109	idle on both ch
5.747,00	---	nato tadil modem	1941	link-11 2250/usb single channel	-409	
5.748,00	2db	iraqi forces, irq	1648	ale-usb snd	-209	clg "atc"
5.748,00	6dv1	iraqi forces, irq	1754	ale-usb snd	-209	clg "igq"
5.748,00	anb	iraqi forces, irq	2029	ale-usb snd	-209	clg "1dv"
5.748,00	atc	iraqi forces, irq	1648	ale-usb snd	-209	clg "2db"
5.748,00	igq	iraqi forces, irq	1652	ale-usb snd	-209	clg "5dv"
5.748,50	atc	unid iraqi military	1829	ale-usb snd	-409	to 5dv1 guardia di finanzac kirkuk
5.748,50	igq	ground forces hq, irq	1718	ale-usb snd	-209	calling 2dv
5.748,60	kvx53os1	unid us dos station, central? europe	1126	ale-usb snd	-209	"offsite-location"
5.748,60	kwt49	usa-dept of state "emerg. & evac. network"	1126	ale-usb snd	-209	clg kwt50 (0209) 05750,00 14toc
5.748,60	kwt93	us-dept of state	1024	ale-usb snd	-309	clg kwt55
5.750,00	14toc	us army, irq	2241	ale-usb snd	-109	clg "1400" 2246 clg "1409"
5.750,00	24frp	us army, irq	1737	ale-usb snd	-309	
5.750,00	24toc	us army, irq	1825	ale-usb snd	-109	snd 2056,2226,2327,0028,0158,0259,0430
5.750,00	34toc	us army, irq	1754	ale-usb snd	-209	
5.750,00	643	unid	2226	ale-usb snd	-309	
5.750,00	643417	unid	2220	ale-usb snd	-409	
5.750,00	aris	greek coast guard pireus [sxe] ncs	1710	usb	-309	om/gr clg klp,klr, lxm, klc, lko, lkf
5.750,00	cha	unid	630	ale-usb snd	-109	clg "rom"
5.750,00	jdi	saudi air forces, ars	2213	ale-lsb	-109	clg "rgi"
5.750,00	jdn	saudi air forces, ars	1818	ale-lsb	-109	clg "rgn"
5.750,00	jdn	saudi airforce, ars	1714	br6029c/arq-e/46.1/170/lsb	-209	idling on circuit to rgn
5.750,00	jdp	air defence net, ars	1700	ale-usb snd	-209	clg rgp, after clg in lsb
5.750,00	jmp449	us army, irq	1849	ale-usb snd	-309	20,292,100,213,022,000,000
5.750,00	klh	british rc hcg	721	usb	-209	wkg sxe
5.750,00	lag	greek coast guard, grc	1111	usb	-309	wkg sxe
5.750,00	lbl	greek coast guard, grc	717	usb	-109	wkg sxe
5.750,00	lklo	unid greek coast guard	1714	usb	-309	om/gr clg aris ncs/hq pireus, no joy
5.750,00	lmh	greek coast guard	721	usb	-209	wkg sxe
5.750,00	lmi	greek coast guard	1112	usb	-309	wkg sxe
5.750,00	lpb	greek coast guard	716	usb	-109	wkg sxe
5.750,00	lsq	greek coast guard	1111	usb	-309	wkg sxe
5.750,00	lst	greek coast guard	1110	usb	-309	wkg sxe
5.750,00	p3z142	us army, irq	1716	ale-usb snd	-309	
5.750,00	r1345	unid us army aviation helicopter, irq	2230	ale-usb snd	-209	to14toc "1-4 arb" & 24toc "2-4 gsab"
5.750,00	r23	us army helo, irq	1815	ale-usb snd	-109	clg "24toc"
5.750,00	r2586	helo us army, irq	1716	ale-usb snd	-309	clg "24toc"
5.750,00	r3213	unid us army aviation helicopter, irq	200	ale-usb snd	-209	to 34toc "3-4 ahb"
5.750,00	r3351	unid us army aviation helicopter, irq	421	ale-usb snd	-309	to 34toc "3-4 ahb" w/repl. in "110" tfc
5.750,00	r3423	unid us army aviation helicopter, irq	225	ale-usb snd	-309	to 34toc "3-4 ahb" w/repl. in "110" tfc
5.750,00	r3515	unid us army aviation helicopter, irq	200	ale-usb snd	-209	to34toc "3-4 ahb"

5.750,00	r3518	unid us army aviation helicopter, irq	345	ale-usb snd	-209	to34toc "3-4 ahb"
5.750,00	r3534	helo us army, irq	1848	ale-usb snd	-209	
5.750,00	r3829	unid us army aviation helicopter, irq	0	ale-usb snd	-209	to34toc "3-4 ahb"
5.750,00	sxe	greek coast guard aris pireaus, grc	716	usb	-109	clg/wkg
5.750,00	t1z137	usng ohio aviation joint base balad, irq	2111	ale-usb snd	-409	"1-137 assault helicopter battalion
5.750,00	tf449	us army, irq	1805	ale-usb snd	-209	
5.750,00	yar	greek coast guard	1110	usb	-309	wkg sxe
5.750,00	yay	greek coast guard, grc	717	usb	-109	wkg sxe
5.750,00	ykt	greek coast guard, grc	718	usb	-109	wkg sxe
5.750,00	ylg	greek coast guard	1112	usb	-309	wkg sxe
5.751,00	---	unid	1412	rtty 50/500	-409	gr (n)qtr at end use gmt
5.751,50	---	fapsi	952	crowd/usb	-109	gr (n)'11177 20065 56789 -17-3-'
5.752,00	2033	italian carabinieri, i	1127	ale-usb snd	-1108	to 2508 w/amd "dial4"
5.752,00	75h3?x	unid carabineriri ?	906	ale-usb/stanag	-1208	
5.752,00	897	unid	0	ale-usb snd	-409	
5.752,00	bk70	algerian national guard, alg	1624	ale-usb snd	-409	clg "gs48"
5.752,00	dj40	algerian national guard, alg	1823	ale-usb snd	-409	clg "gs69"
5.752,00	dj40	algerian national guard, alg	1823	usb	-409	vocoder tfc
5.752,00	fs40	algerian military "fs40-net"	2125	ale-usb snd	-409	to gs48 w/lqa; later gs40 to gs48
5.752,00	gs40	georgian army ?	2039	ale-usb snd	-409	to gs53 / but also encr. tfc to embassy
5.752,00	gs43	algerian national guard, alg	1813	ale-usb snd	-409	clg "gs46"
5.752,00	gs45	algerian national guard, alg	1732	usb	-409	vocoder tfc
5.752,00	gs47	algerian national guard, alg	2148	ale-usb snd	-409	clg "fs40"
5.752,00	gs47	algerian national guard, alg	2148	usb	-409	vocoder tfc
5.752,00	gs48	algerian national guard, alg	1800	usb	-409	vocoder tfc
5.752,00	gs48	algerian military	1821	ale-usb snd	-409	to gs50 w/lqa who replied
5.752,00	gs50	algerian national guard, alg	1759	usb	-409	vocoder tfc
5.752,00	gs51	algerian military	1847	ale-usb snd	-409	to gs48 after final of "tin-box snd"
5.752,00	gs52	algerian national guard, alg	1829	ale-usb snd	-409	clg "gs48"
5.752,00	gs53	algerian national guard, alg	1620	usb	-409	vocoder tfc
5.752,00	gs53	algerian national guard, alg	1824	ale-usb snd	-409	clg "gs56"
5.752,00	gs55	algerian national guard, alg	1834	ale-usb snd	-409	clg "gs53"
5.752,00	gs56	algerian national guard, alg	1854	ale-usb snd	-409	clg "gs74"
5.752,00	gs56	algerian national guard, alg	1611	usb	-409	vocoder tfc
5.752,00	gs58	algerian national guard, alg	1925	usb	-509	vocoder tfc after ale calling
5.752,00	gs58	algerian national guard, alg	1925	ale-usb snd	-509	clg "gs56"
5.752,00	gs59	algerian national guard, alg	1937	ale-usb snd	-509	clg "gs56"
5.752,00	gs60	algerian national guard, alg	1620	ale-usb snd	-409	clg "gs53"
5.752,00	gs60	algerian national guard, alg	1620	usb	-409	vocoder tfc
5.752,00	gs69	algerian national guard, alg	1823	ale-usb snd	-409	clg "dj40"
5.752,00	gs69	algerian national guard, alg	1823	usb	-409	vocoder tfc
5.752,00	gs70	algerian national guard, alg	2117	ale-usb snd	-509	clg "gs55"
5.752,00	gs70	algerian national guard, alg	2117	usb	-509	vocoder tfc after ale calling
5.752,00	hbd20	mfa bern/kernenried, sui	1744	ale-usb snd	-209	tfc kry simplex

5.752,50	---	unid		1420	fsk 100/170	-509	encrypted/chipher
5.753,00	---	military		1731	stanag-4285/600l/5n1/usb	-409	send kg84 msgs
5.753,00	---	unid russian military		2151	cw	-1208	xxx-strategic flash msg to rlo
5.753,00	7018	unid iraqi governmental net		2108	ale-usb snd	-409	
5.753,00	rit	rn northern fleet hq severomorsk, murmansk		2100	cw	-409	qtc #707 to rlo "radioprognoz"; 0=0
5.753,00	rudawy52	polish military		1544	ale-usb snd	-309	clg ekster86
5.754,00	---	unid		916	usb	-309	tfc ara simplex
5.754,00	---	unid ardah, ars		1725	usb	-409	wkg jeddah with beep
5.754,00	---	unid jeddah, ars		1725	usb	-409	clg/wkg ardah with beep
5.755,00	---	wiluna meteo, aus		1802	fax 120/576	-109	cdt 1821,1914,1929,1944,1959,2015,2029
5.755,00	2039	unid		1028	ale-usb snd	-409	clg "2508"
5.755,00	2503	unid		642	ale-usb snd	-409	clg "2041"
5.758,60	fub	french navy houilles, f		546	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
5.759,30	---	unid "3 khz-mystery", prob czech		1513	fec	-1208	online encrypted msgs
5.760,00	---	cis intel		702	usb	-309	gr (n)russians 'adim citiria vocem:'
5.762,00	35	hungarian forces, hng		1642	ale-usb snd	-509	
5.762,00	35	hungarian army		2255	ale-usb snd	-109	contacts 093
5.762,00	93	hungarian forces, hng		2137	ale-usb snd	-109	clg "035"
5.762,00	35	hungarian army, hng		2006	ale-usb snd	-109	contacts 082
5.763,00	---	unid military cis?		1958	usb	-109	rus om "dokument"
5.763,00	---	unid turkish		658	usb	-109	turkish traffic simplex
5.764,00	---	rus/cis military		707	mpsk-12/ms-5/usb	-109	encrypted/chipher
5.765,00	103	unid		2303	ale-usb snd	-109	to 001
5.765,00	npn	us navy aftn feeder barrigada, gum		1720	usb	-409	px
5.765,50	fav22	french army mont valerien, f		650	cw	-109	gr(a)
5.766,60	---	saudi air forces, ars		1840	br6028/arq-e/46,2/170 4ch/usb	-109	idle on both ch 2011 s-off
5.767,00	ssc5	m89		2005	cw	-109	tlu1 tlu1 tlu1 de ssc5 ssc5 v
5.767,50	fav22	french army mont valerien, f		1826	cw	-109	gr (a) //5765,5
5.768,00	---	unid		1718	ale-usb snd	-209	tfc kry simplex
5.768,00	lfi	rogoland radio, nor		711	pactor-gw	-109	encrypted/chipher/ch marker
5.769,00	203	unid		708	lsb	-109	wkg "209"
5.769,00	209	unid		708	lsb	-109	clg/wkg "422"/tfc fra/ara
5.769,00	210	unid		710	lsb	-109	wkg "209"
5.769,00	26	unid		711	lsb	-109	wkg "209"
5.769,00	422	unid		708	lsb	-109	wkg "209"
5.770,00	---	unid rus/cis military		751	rtty 50/500	-109	tfc kry
5.770,00	5201	unid		2027	ale-usb snd	-109	
5.770,00	5203	unid		1945	ale-usb snd	-109	
5.770,00	fav22	cstei favieres via vernon, f		1932	cw	-409	spurious signal on 5772 khz
5.770,00	jdi	saudi air forces, ars		2027	ale-lsb	-109	clg "rgi"
5.770,00	jdp	saudi air forces, ars		2003	ale-usb snd	-109	clg "rgp"
5.770,00	rgi	saudi air forces, ars		2011	ale-lsb	-109	clg "jdi" 2027 clg "jdi"
5.770,00	rgn	saudi air forces, ars		1842	ale-lsb	-109	clg "jdn" 1852,1902,1922,1932 clg "jdn"
5.770,00	rgp	saudi air forces, ars		1912	ale-usb snd	-409	clg "jdp" 1922,1932 clg "jdp"

5.773,00		1305	protection civile marocaine, mrc	2205	ale-usb snd	-209	
5.774,00	1sj6		unid	625	cw	-109	gr n)
5.774,00	rjq84		russian navy vessel	2225	cw	-109	dx wkg rit northern fleet hq, qsx 7675
5.775,00	---		rus/cis military	720	mpsk-12/ms-5/usb	-109	encrypted/chipher
5.775,00	rcv		rus/cis navy sevastopol, ukr	555	cw	-309	wx russian
5.776,50	---		unid	534	fsk 100/150	-409	encrypted/chipher
5.777,00	---		unid	704	ale-usb snd	-209	encrypted/chipher simplex proteted link
5.777,00	---		unid	659	ale-usb snd	-209	tfc kry simplex
5.777,00	81l		unid	612	ale-usb snd	-309	
5.778,00	twvs1		spanish police salamanca, e	1053	ale-usb snd	-1208	clg tyva2 alicante
5.779,00	---		unid	1811	usb	-309	tfc fra/ara simplex
5.780,00	---		roumanian military	701	usb	-209	tfc rou simplex
5.780,00	---		rus/cis military	614	mpsk-12/usb	-309	encrypted/chipher
5.781,70	---		egyptian diplo	705	arq 100/170	-209	tfc ara
5.781,70	sse		mfa cairo, egy	1712	arq 100/170	-409	tfc ara
5.782,00		5113	nigerian national police force, nig	2222	ale-usb snd	-209	clg 5114
5.784,00		210302	greek police, grc	1912	ale-usb snd	-109	
5.784,00		210501	greek police, grc	1921	ale-usb snd	-109	
5.784,00		210504	greek police, grc	2006	ale-usb snd	-109	
5.784,00		210588	greek police, grc	1914	ale-usb snd	-109	
5.784,00		210688	greek police net elliniki astoynomia	2002	ale-usb snd	-309	
5.785,00	vibovalent		guardia di finanza vibo valencia, i	1004	ale-usb snd	-309	to taranto taranto who reply
5.786,50	station3		german rhode & schwarz, d	1029	ale-usb snd	-1208	clg station5
5.786,50	station5		german rhode & schwarz, d	1037	ale-usb snd	-1208	clg station3
5.788,00	---		unid	1842	cw	-109	gr(n '463 463 463 1 gr ttt ttt'
5.790,00	---		unid rus/cis military	1715	cis-75 75/250	-409	encrypted/chipher
5.790,00	---		rus/cis military	1806	mpsk-12/usb	-309	encrypted/chipher
5.790,00	---		unid rus/cis military	712	81-81 81/250	-209	encrypted/chipher
5.790,00	---		rus/cis military	1841	fsk 50/250	-109	encrypted/chipher
5.792,00		1001	marrocain dispatch centre, mrc	911	ale-usb snd	-109	clg "1102" 1011 clg "1306"
5.792,00		10111	marrocain dispatch centre, mrc	1232	ale-usb snd	-109	
5.792,00		11011	marrocain dispatch centre, mrc	821	ale-usb snd	-109	
5.792,00		11021	marrocain dispatch centre, mrc	1000	ale-usb snd	-109	
5.792,00		11032	marrocain dispatch centre, mrc	1138	ale-usb snd	-109	
5.792,00		1104	marrocain dispatch centre, mrc	905	ale-usb snd	-209	
5.792,00		11043	marrocain dispatch centre, mrc	933	ale-usb snd	-109	
5.792,00		1106	marrocain dispatch centre, mrc	931	ale-usb snd	-209	
5.792,00		11064	marrocain dispatch centre, mrc	800	ale-usb snd	-109	
5.792,00		1107	marrocain dispatch centre, mrc	921	ale-usb snd	-109	
5.792,00		1108	marrocain dispatch centre, mrc	816	ale-usb snd	-209	
5.792,00		1109	marrocain dispatch centre, mrc	954	ale-usb snd	-109	
5.792,00		111	protection civile marocaine, mrc	2222	ale-usb snd	-109	
5.792,00		11113	marrocain dispatch centre, mrc	843	ale-usb snd	-109	
5.792,00		1112	marrocain dispatch centre, mrc	821	ale-usb snd	-109	

5.792,00	11121	marrocain dispatch centre, mrc	904	ale-usb snd	-209
5.792,00	11133	marrocain dispatch centre, mrc	907	ale-usb snd	-109
5.792,00	11143	marrocain dispatch centre, mrc	834	ale-usb snd	-209
5.792,00	11162	marrocain dispatch centre, mrc	728	ale-usb snd	-209
5.792,00	11163	marrocain dispatch centre, mrc	710	ale-usb snd	-209
5.792,00	11164	marrocain dispatch centre, mrc	702	ale-usb snd	-209
5.792,00	1117	marrocain dispatch centre, mrc	742	ale-usb snd	-209
5.792,00	1118	marrocain dispatch centre, mrc	938	ale-usb snd	-109
5.792,00	1301	marrocain dispatch centre, mrc	925	ale-usb snd	-109
5.792,00	13011	marrocain dispatch centre, mrc	803	ale-usb snd	-209
5.792,00	1303	marrocain dispatch centre, mrc	936	ale-usb snd	-109
5.792,00	1304	marrocain dispatch centre, mrc	1017	ale-usb snd	-209
5.792,00	1305	marrocain dispatch centre, mrc	919	ale-usb snd	-209
5.792,00	1305	protection civile marocaine, mrc	2209	ale-usb snd	-209
5.792,00	13052	marrocain dispatch centre, mrc	711	ale-usb snd	-209
5.792,00	1306	marrocain dispatch centre, mrc	934	ale-usb snd	-109
5.792,00	13061	marrocain dispatch centre, mrc	835	ale-usb snd	-209
5.792,00	1307	marrocain dispatch centre, mrc	1003	ale-usb snd	-109
5.792,00	13082	marrocain dispatch centre, mrc	1124	ale-usb snd	-209
5.792,00	13091	marrocain dispatch centre, mrc	741	ale-usb snd	-109
5.792,00	1311	marrocain dispatch centre, mrc	833	ale-usb snd	-209
5.792,00	13112	marrocain dispatch centre, mrc	835	ale-usb snd	-109
5.792,00	1312	marrocain dispatch centre, mrc	913	ale-usb snd	-209
5.792,00	13122	marrocain dispatch centre, mrc	833	ale-usb snd	-109
5.792,00	13132	marrocain dispatch centre, mrc	806	ale-usb snd	-109
5.792,00	13133	marrocain dispatch centre, mrc	740	ale-usb snd	-109
5.792,00	131411	marrocain dispatch centre, mrc	900	ale-usb snd	-109
5.792,00	13142	marrocain dispatch centre, mrc	759	ale-usb snd	-109
5.792,00	13151	marrocain dispatch centre, mrc	851	ale-usb snd	-209
5.792,00	1316	marrocain dispatch centre, mrc	839	ale-usb snd	-209
5.792,00	13181	marrocain dispatch centre, mrc	825	ale-usb snd	-109
5.792,00	13182	marrocain dispatch centre, mrc	808	ale-usb snd	-109
5.792,00	1321	marrocain dispatch centre, mrc	830	ale-usb snd	-209
5.792,00	13211	marrocain dispatch centre, mrc	738	ale-usb snd	-209
5.792,00	1322	marrocain dispatch centre, mrc	827	ale-usb snd	-209
5.792,00	13231	marrocain dispatch centre, mrc	1240	ale-usb snd	-109
5.792,00	1324	marrocain dispatch centre, mrc	933	ale-usb snd	-109
5.792,00	13252	marrocain dispatch centre, mrc	735	ale-usb snd	-209
5.792,00	13262	marrocain dispatch centre, mrc	708	ale-usb snd	-209
5.792,00	20111	marrocain dispatch centre, mrc	822	ale-usb snd	-209
5.792,00	2201	marrocain dispatch centre, mrc	905	ale-usb snd	-209
5.792,00	22011	marrocain dispatch centre, mrc	757	ale-usb snd	-109
5.792,00	2204	marrocain dispatch centre, mrc	932	ale-usb snd	-109
5.792,00	22041	marrocain dispatch centre, mrc	813	ale-usb snd	-109

5.792,00	22054	marrocain dispatch centre, mrc	706	ale-usb snd	-209	
5.792,00	2211	marrocain dispatch centre, mrc	903	ale-usb snd	-109	
5.792,00	2213	marrocain dispatch centre, mrc	1001	ale-usb snd	-209	
5.792,00	2215	marrocain dispatch centre, mrc	1115	ale-usb snd	-109	
5.792,00	22154	marrocain dispatch centre, mrc	807	ale-usb snd	-109	
5.792,00	2401	protection civile marocaine, mrc	2221	ale-usb snd	-109	to2001
5.792,00	2401	marrocain dispatch centre, mrc	801	ale-usb snd	-109	
5.792,00	24081	marrocain dispatch centre, mrc	808	ale-usb snd	-109	
5.792,00	2409	marrocain dispatch centre, mrc	732	ale-usb snd	-209	
5.792,00	2411	marrocain dispatch centre, mrc	1004	ale-usb snd	-109	
5.792,00	24111	marrocain dispatch centre, mrc	700	ale-usb snd	-209	
5.792,00	2417	marrocain dispatch centre, mrc	835	ale-usb snd	-109	
5.792,00	2513	moroccan civil defence, mrc	2310	ale-usb snd	-509	
5.794,20	clp	intel habana, cub	615	cw	-309	gr (a)
5.795,00	dkg6	chinese military	231	cw	-109	clg "3a7d"
5.796,00	---	unid cis station	2120	fsk 50/250	-209	enciphered at 2121 sent ok qjb3
5.796,00	---	unid rus/cis military	1710	mpsk-12/usb	-209	encrypted/chipher
5.796,00	---	unid	745	usb	-109	tfc ara simplex
5.796,00	t22u	unid	612	cw	-109	tfc
5.799,00	---	intel habana, cub	605	cw	-209	gr (a)
5.800,00	---	unid	616	cw	-1208	5 letter groups, ended with ar 3 times
5.800,00	---	rus/cis military	858	mpsk-12/usb	-309	encrypted/chipher
5.801,00	---	habana intel, cub	619	cw	-309	gr (a)
5.804,00	---	rus/cis military	1423	ms-5/at3004d/usb	-109	in traffic
5.804,50	---	prob russian air defence pvo enigma m41	1415	cw	-309	tracking ? reports; short zeros t=0
5.805,00	rl1	swedish military	1229	ale-usb snd	-309	clg vl1
5.815,00	---	unid	653	am	-109	tone sequence 940/980/900/840/80/860 hz
5.816,50	---	netherlands army	245	ale-usb snd	-309	to rea incomplete "rear"-ident w/lqa
5.817,00	---	unid	655	usb	-109	tfc ing/ara simplex
5.817,00	1112	unid	2015	ale-usb snd	-109	
5.817,00	7010	unid iraqi net	1737	ale-usb snd	-209	clg 73222
5.817,00	7417	unid iraqi net	1716	ale-usb snd	-209	
5.818,00	---	unid rus/cis military	1642	mpsk-12/usb	-509	encrypted/chipher
5.818,00	hblzdrd1	roumanian military, rou	715	ale-usb snd	-409	clg "hfjcdrd1"
5.818,00	hfjcdrd1	roumanian military, rou	715	ale-usb snd	-409	clg "hblzdrd1"
5.820,00	1316	moi/direction de la protection civile, mrc	2300	ale-usb snd	-209	
5.820,00	yhf2	mossad tel aviv, isr	806	usb	-109	gr (a) ing
5.823,00	1001	marrocain dispatch centre, mrc	910	ale-usb snd	-109	clg "1102"
5.823,00	10111	marrocain dispatch centre, mrc	1313	ale-usb snd	-109	clg "1323" 1322 clg "1117"
5.823,00	1101	marrocain dispatch centre, mrc	624	ale-usb snd	-409	
5.823,00	11011	marrocain dispatch centre, mrc	919	ale-usb snd	-109	
5.823,00	1102	marrocain dispatch centre, mrc	928	ale-usb snd	-109	
5.823,00	11021	marrocain dispatch centre, mrc	1339	ale-usb snd	-109	
5.823,00	11021	moroccan civil defence, mrc	2304	ale-usb snd	-509	

5.823,00	1103	marrocain dispatch centre, mrc	914	ale-usb snd	-109	clg "1001"
5.823,00	11031	marrocain dispatch centre, mrc	1941	ale-usb snd	-109	
5.823,00	11032	marrocain dispatch centre, mrc	736	ale-usb snd	-109	
5.823,00	11043	marrocain dispatch centre, mrc	2132	ale-usb snd	-1208	
5.823,00	1105	marrocain dispatch centre, mrc	2127	ale-usb snd	-1208	
5.823,00	1106	marrocain dispatch centre, mrc	834	ale-usb snd	-309	
5.823,00	11064	marrocain dispatch centre, mrc	858	ale-usb snd	-109	
5.823,00	1107	marrocain dispatch centre, mrc	547	ale-usb snd	-409	
5.823,00	1108	marrocain dispatch centre, mrc	1019	ale-usb snd	-109	
5.823,00	1109	marrocain dispatch centre, mrc	737	ale-usb snd	-309	
5.823,00	1111	marrocain dispatch centre, mrc	2124	ale-usb snd	-1208	
5.823,00	1113	marrocain dispatch centre, mrc	719	ale-usb snd	-109	
5.823,00	1114	marrocain dispatch centre, mrc	2156	ale-usb snd	-1208	
5.823,00	11143	marrocain dispatch centre, mrc	2030	ale-usb snd	-109	
5.823,00	1115	marrocain dispatch centre, mrc	2044	ale-usb snd	-109	
5.823,00	1116	marrocain dispatch centre, mrc	708	ale-usb snd	-409	
5.823,00	1117	marrocain dispatch centre, mrc	2054	ale-usb snd	-109	
5.823,00	1118	marrocain dispatch centre, mrc	2133	ale-usb snd	-1208	
5.823,00	1119	marrocain dispatch centre, mrc	2034	ale-usb snd	-109	
5.823,00	11212	marrocain dispatch centre, mrc	2100	ale-usb snd	-109	
5.823,00	1301	marrocain dispatch centre, mrc	2123	ale-usb snd	-1208	
5.823,00	1301	marrocain dispatch centre, mrc	719	ale-usb snd	-309	
5.823,00	13011	marrocain dispatch centre, mrc	2042	ale-usb snd	-109	
5.823,00	130111	marrocain dispatch centre, mrc	2105	ale-usb snd	-1208	
5.823,00	13012	marrocain dispatch centre, mrc	855	ale-usb snd	-109	
5.823,00	13021	protection civile marocaine, mrc	2145	ale-usb snd	-209	
5.823,00	1303	marrocain dispatch centre, mrc	646	ale-usb snd	-409	
5.823,00	1304	marrocain dispatch centre, mrc	1648	ale-usb snd	-109	
5.823,00	1305	marrocain dispatch centre, mrc	727	ale-usb snd	-109	
5.823,00	13051	marrocain dispatch centre, mrc	924	ale-usb snd	-109	
5.823,00	13052	marrocain dispatch centre, mrc	908	ale-usb snd	-109	
5.823,00	1306	marrocain dispatch centre, mrc	1033	ale-usb snd	-109	
5.823,00	13061	marrocain dispatch centre, mrc	2029	ale-usb snd	-109	
5.823,00	1307	marrocain dispatch centre, mrc	1614	ale-usb snd	-109	
5.823,00	13071	marrocain dispatch centre, mrc	933	ale-usb snd	-109	
5.823,00	1308	marrocain dispatch centre, mrc	620	ale-usb snd	-409	
5.823,00	1308	marrocain dispatch centre, mrc	2118	ale-usb snd	-1208	
5.823,00	13082	marrocain dispatch centre, mrc	823	ale-usb snd	-109	
5.823,00	13091	marrocain dispatch centre, mrc	1339	ale-usb snd	-109	
5.823,00	13111	marrocain dispatch centre, mrc	2105	ale-usb snd	-1208	
5.823,00	13112	marrocain dispatch centre, mrc	1931	ale-usb snd	-109	
5.823,00	13121	marrocain dispatch centre, mrc	1936	ale-usb snd	-109	
5.823,00	13122	marrocain dispatch centre, mrc	932	ale-usb snd	-109	
5.823,00	1313	marrocain dispatch centre, mrc	1616	ale-usb snd	-109	

5.823,00	1314	marrocain dispatch centre, mrc	1620	ale-usb snd	-309	
5.823,00	13141	marrocain dispatch centre, mrc	738	ale-usb snd	-309	
5.823,00	131411	marrocain dispatch centre, mrc	2001	ale-usb snd	-109	
5.823,00	13151	marrocain dispatch centre, mrc	2043	ale-usb snd	-109	
5.823,00	13151	marrocain dispatch centre, mrc	2146	ale-usb snd	-1208	
5.823,00	1316	marrocain dispatch centre, mrc	2053	ale-usb snd	-109	
5.823,00	1317	marrocain dispatch centre, mrc	2148	ale-usb snd	-109	
5.823,00	1318	marrocain dispatch centre, mrc	1227	ale-usb snd	-109	
5.823,00	1319	marrocain dispatch centre, mrc	2138	ale-usb snd	-1208	
5.823,00	13191	marrocain dispatch centre, mrc	731	ale-usb snd	-309	
5.823,00	13191	marrocain dispatch centre, mrc	2132	ale-usb snd	-1208	
5.823,00	1321	marrocain dispatch centre, mrc	2114	ale-usb snd	-109	
5.823,00	1322	marrocain dispatch centre, mrc	2040	ale-usb snd	-109	
5.823,00	1323	marrocain dispatch centre, mrc	615	ale-usb snd	-409	
5.823,00	13231	marrocain dispatch centre, mrc	837	ale-usb snd	-109	
5.823,00	1324	marrocain dispatch centre, mrc	2034	ale-usb snd	-109	
5.823,00	13241	marrocain dispatch centre, mrc	1003	ale-usb snd	-109	
5.823,00	1325	marrocain dispatch centre, mrc	2043	ale-usb snd	-109	
5.823,00	1326	marrocain dispatch centre, mrc	2117	ale-usb snd	-109	
5.823,00	13262	marrocain dispatch centre, mrc	905	ale-usb snd	-109	
5.823,00	13263	marrocain dispatch centre, mrc	836	ale-usb snd	-109	
5.823,00	2001	marrocain dispatch centre, mrc	929	ale-usb snd	-109	clg "2409"
5.823,00	2002	marrocain dispatch centre, mrc	750	ale-usb snd	-109	
5.823,00	20111	marrocain dispatch centre, mrc	1608	ale-usb snd	-109	clg "2212"
5.823,00	2201	marrocain dispatch centre, mrc	2020	ale-usb snd	-109	
5.823,00	2203	marrocain dispatch centre, mrc	2217	ale-usb snd	-1208	
5.823,00	2204	marrocain dispatch centre, mrc	733	ale-usb snd	-309	
5.823,00	2206	marrocain dispatch centre, mrc	648	ale-usb snd	-309	
5.823,00	2211	marrocain dispatch centre, mrc	2100	ale-usb snd	-1208	
5.823,00	2214	marrocain dispatch centre, mrc	2030	ale-usb snd	-109	
5.823,00	22141	marrocain dispatch centre, mrc	915	ale-usb snd	-109	
5.823,00	2215	marrocain dispatch centre, mrc	729	ale-usb snd	-109	
5.823,00	2216	marrocain dispatch centre, mrc	2104	ale-usb snd	-1208	
5.823,00	2401	protection civile marocaine, mrc	2206	ale-usb snd	-209	
5.823,00	2405	marrocain dispatch centre, mrc	541	ale-usb snd	-409	
5.823,00	2409	marrocain dispatch centre, mrc	2038	ale-usb snd	-109	
5.823,00	2411	marrocain dispatch centre, mrc	2023	ale-usb snd	-109	
5.823,00	24111	marrocain dispatch centre, mrc	859	ale-usb snd	-109	
5.823,00	2414	marrocain dispatch centre, mrc	626	ale-usb snd	-409	
5.823,00	2416	marrocain dispatch centre, mrc	2021	ale-usb snd	-109	
5.823,00	2417	marrocain dispatch centre, mrc	932	ale-usb snd	-109	
5.823,00	2418	marrocain dispatch centre, mrc	2142	ale-usb snd	-1208	
5.823,00	2419	marrocain dispatch centre, mrc	2121	ale-usb snd	-1208	
5.823,00	2521	marrocain dispatch centre, mrc	2143	ale-usb snd	-1208	

5.823,00		2527	marrocain dispatch centre, mrc	2148	ale-usb snd	-109	clg "2528"
5.823,00		9001	marrocain dispatch centre, mrc	1205	ale-usb snd	-109	
5.824,00		2418	marrocain dispatch centre, mrc	2014	ale-usb snd	-109	
5.830,00	---		algerian national guard, alg	1344	ale-usb snd	-109	clg "zt01"
5.830,00	az01		algerian national guard, alg	815	ale-usb snd	-309	clg "zt01"
5.830,00	ha01		algerian national guard, alg	817	ale-usb snd	-309	clg "bj01"
5.830,00	jl01		algerian national guard, alg	755	ale-usb snd	-309	clg "zt01"
5.830,00	jl02		algerian national guard, alg	803	ale-usb snd	-309	clg "zt01"
5.830,00	km01		algerian national guard, alg	754	ale-usb snd	-309	clg "zt01"
5.830,00	km02		algerian national guard, alg	756	ale-usb snd	-309	clg "zt01"
5.830,00	lz01		algerian national guard, alg	753	ale-usb snd	-309	clg "zt01"
5.830,00	mt01		algerian national guard, alg	643	ale-usb snd	-309	clg "mt03"
5.830,00	mt02		algerian national guard, alg	720	ale-usb snd	-309	clg "mt01"
5.830,00	ome		unid	1600	ale-usb snd	-109	
5.830,00	st01		algerian national guard, alg	800	ale-usb snd	-309	clg "zt01"
5.830,00	st02		algerian national guard, alg	810	ale-usb snd	-309	clg "zt01"
5.830,00	vh01		algerian national guard, alg	755	ale-usb snd	-309	clg "zt01"
5.830,00	vk01		algerian national guard, alg	1001	ale-usb snd	-309	clg "vk04"
5.830,00	vk05		algerian national guard, alg	1012	ale-usb snd	-309	send msgs to "vk01"
5.830,00	wp01		algerian national guard, alg	751	ale-usb snd	-309	clg "wp02"
5.830,00	wp02		algerian national guard, alg	751	ale-usb snd	-309	clg "wp01"
5.830,00	xv01		algerian national guard	925	ale-usb snd	-109	clg "xv02"
5.830,00	zy02		algerian national guard, alg	906	ale-usb snd	-309	clg "zt01"
5.833,50	operations		us army or ng ground station, usa	1835	ale-usb snd	-509	
5.833,50	r23607		us army or ng helo, usa	1835	ale-usb snd	-509	
5.837,50	---		unid	701	pactor-3	-109	encrypted/chipher
5.838,00	rit		rn northern fleet hq severomorsk, murmansk	403	cw	-309	wx-qtc bcast "prognoz pagody" to rlo
5.840,00	eqo		unid	514	ale-usb snd	-209	to glt
5.840,00	tt64		ship, ven ?	547	ale-usb snd	-409	clg "cga"
5.840,50	---		unid	1745	pactor-3	-209	encrypted/chipher
5.844,00	---		unid rus/cis military	1424	mpsk-12/usb	-509	encrypted/chipher
5.845,00	---		unid rus/cis governmental	520	rtty 50/500	-309	5fgs x215 with "=50=" etc separator
5.846,00	---		unid rus/cis military	623	bee 36-50 100/200	-209	tfc kry
5.847,00	twba2		guardia civil barcelona, e	636	ale-usb snd	-509	clg "txx2"
5.847,00	twbg1		guardia civil girona, e	830	ale-usb snd	-509	clg "txx2"
5.847,00	twbm2		guardia civil manresa, e	805	ale-usb snd	-509	clg "txx2"
5.847,00	twlc2		guardia civil cantabria, e	543	ale-usb snd	-509	clg "txx1"
5.847,00	twlc5		guardia civil cantabria, e	619	ale-usb snd	-509	clg "tzcp1" 0628 clg "tzct1"
5.847,00	twve2		guardia civil segovia, e	848	ale-usb snd	-509	clg "txx2"
5.847,00	twvl2		guardia civil leon, e	623	ale-usb snd	-509	clg "txx2"
5.847,00	twvz2		guardia civil zaragoza, e	1137	ale-usb snd	-409	clg "tymr2"
5.847,00	tyma2		guardia civil avila, e	745	ale-usb snd	-509	clg "txx2"
5.847,00	tyme		guardia civil madrid, e	1031	ale-usb snd	-509	clg "txx2"
5.847,00	tymr2		guardia civil ciudad real, e	1131	ale-usb snd	-409	clg "twvz2"

5.847,00	tymt2	guardia civil toledo, e	602	ale-usb snd	-509	clg "txx2"
5.847,00	tzcp2	guardia civil las palmas, cnr	619	ale-usb snd	-509	clg "twlc5"
5.847,00	tzct2	guardia civil santa cruz de tenerife, cnr	629	ale-usb snd	-509	clg "twlc5"
5.850,00	---	unid	620	ale-usb snd	-109	to vfx
5.850,00	---	rus/cis military	649	fsk 100/500	-109	encrypted/chipher
5.850,00	---	unid cis station itu says ltu	720	fsk 50/500	-109	pseudo random bitstream
5.850,00	ara	roumanian police arad, rou	801	ale-usb snd	-509	clg "1py"
5.850,00	bu4	moi bukarest, rou	802	ale-usb snd	-409	to tim timishoara after usb voice qso
5.850,00	bu4	roumanian police bucuresti, rou	732	ale-usb snd	-509	clg "suc"
5.850,00	mir	moi miercurea ciuc, rou	1000	ale-usb snd	-409	to bu4 bukarest w/lqa who replied
5.850,00	oxi	skamlebaek meteo, dnk	950	fax 120/576	-109	ice chart
5.850,00	ram	roumanian police ramnicu valcea, rou	836	ale-usb snd	-509	clg "ara"
5.850,00	suc	roumanian police suceava, rou	733	ale-usb snd	-509	clg "bu4"
5.851,00	---	unid rus/cis military	535	mpsk-12/usb	-509	encrypted/chipher
5.851,50	r00149	us army or ng helo	1854	ale-usb snd	-509	also tg137-us army or ng ground station.
5.853,00	---	unid rus/cis military	512	mpsk-12/usb	-509	encrypted/chipher
5.853,40	---	unid	850	fec /170	-309	online encrypted
5.855,00	qx40	algerian national guard, alg	931	ale-lsb	-109	clg "qx51"
5.855,00	qx45	algerian national guard, alg	727	ale-lsb	-109	clg "qx40"
5.855,00	qx47	algerian national guard, alg	806	ale-lsb	-109	clg "qx40"
5.855,00	qx50	algerian national guard, alg	1211	ale-lsb	-109	clg "qx57"
5.855,00	qx51	algerian national guard, alg	711	ale-lsb	-109	clg "qx50"
5.855,00	qx52	algerian national guard, alg	940	ale-lsb	-109	clg "qx40"
5.855,00	qx54	algerian national guard, alg	1350	ale-lsb	-109	clg "zt50"
5.855,00	qx57	algerian national guard, alg	1110	ale-lsb	-109	clg "qx40"
5.855,00	rwd51	ptt moskva, rus	709	cis-arq 100/500	-109	encrypted/chipher
5.855,00	zt50	algerian national guard, alg	932	ale-lsb	-109	clg "qx45"
5.859,00	tymt1	guardia civil toledo, e	1646	ale-usb snd	-509	clg "twlg2"
5.862,00	p	beacon	1549	cw	-609	
5.865,00	35	hungarian forces, hng	807	ale-usb snd	-409	clg "093"
5.865,00	93	hungarian forces, hng	801	ale-usb snd	-409	clg "035"
5.865,00	twba2	guardia civil barcelona, e	959	ale-usb snd	-509	clg "txx2"
5.865,00	twbe2	guardia civil teruel, e	1652	ale-usb snd	-509	clg "txx2"
5.865,00	twbh2	guardia civile huesca, e	1805	ale-usb snd	-409	contacts txx2-madrid on 5685 and 5847 khz
5.865,00	twbl2	guardia civil lerida, e	1151	ale-usb snd	-409	clg "twbh2"
5.865,00	twbm1	guardia civil manresa, e	1609	ale-usb snd	-509	send msgs to "twla2"
5.865,00	twbm2	guardia civil manresa, e	1119	ale-usb snd	-409	clg "txx2"
5.865,00	twbz2	guardia civil zaragoza, e	1206	ale-usb snd	-509	clg "txx1"(bc
5.865,00	twcc2	guardia civil la coruna, e	1303	ale-usb snd	-509	clg "txx1"
5.865,00	twco2	guardia civil oviedo, e	1652	ale-usb snd	-509	clg "txx1"
5.865,00	twla2	guardia civil alava-vitoria, e	1608	ale-usb snd	-509	clg "twmb1"
5.865,00	twla2	guardia civil alava-vitoria, e	1609	ale-usb snd	-509	send msgs to "twmb1"
5.865,00	twlc2	guardia civil cantabria, e	738	ale-usb snd	-409	clg "twvs2"
5.865,00	twlg2	guardia civil guipzcoa, e	752	ale-usb snd	-509	clg "tymv1"

5.865,00	twme2	guardia civil madrid, e	1140	ale-usb snd	-409	clg "txx2"
5.865,00	twve2	guardia civil segovia, e	808	ale-usb snd	-409	clg "txx2"
5.865,00	twvl2	guardia civil leon, e	922	ale-usb snd	-409	clg "txx2"
5.865,00	twvs2	guardia civil salamanca, e	735	ale-usb snd	-409	clg "twvo2"
5.865,00	txx1	guardia civil madrid, e	1154	ale-usb snd	-509	clg "twbz2"
5.865,00	tyma2	guardia civil avila/albacete, e	1755	ale-usb snd	-409	contacts txx2-madrid
5.865,00	tymb1	guardia civil badajoz, e	1154	ale-usb snd	-509	clg "txx2"
5.865,00	tymr1	guardia civil ciudad real, e	1600	ale-usb snd	-509	clg "tynt2"
5.865,00	tymt2	guardia civil toledo, e	644	ale-usb snd	-409	clg "txx2"
5.865,00	tymv2	guardia civil cuenca, e	659	ale-usb snd	-409	clg "txx2"
5.865,00	tzsa2	guardia civil almeria, e	753	ale-usb snd	-409	clg "txx2"
5.865,00	tzsc2	guardia civil cadiz, e	906	ale-usb snd	-409	clg "txx1"
5.865,00	tzsm2	guardia civil malaga, e	736	ale-usb snd	-409	clg "txx1"
5.867,00	---	unid rus/cis military	710	bee 36-50 50/200	-209	tfc kry
5.868,00	twba2	guardia civile barcelona, e	733	ale-usb snd	-409	clg "txx2"
5.868,00	twbg2	guardia civile girona, e	1607	ale-usb snd	-309	clg "txx2" 1640,1706 clg "txx2"
5.868,00	twbh2	guardia civile huesca, e	853	ale-usb snd	-409	clg "txx2"
5.868,00	twbm2	guardia civile manresa, e	1615	ale-usb snd	-309	to txx2 ncs #2 w/lqa
5.868,00	twlc2	guardia civil cantabria, e	736	ale-usb snd	-409	clg "twvs1"
5.868,00	twva1	civile avila guardia, e	809	ale-usb snd	-409	clg "tzsg2"
5.868,00	twvl2	guardia civile leon, e	610	ale-usb snd	-409	clg "txx2"
5.868,00	twvs2	guardia civil salamanca, e	737	ale-usb snd	-409	clg "twvo2"
5.868,00	txx2	guardia civile madrid, e	605	ale-usb snd	-409	clg "twbl2"
5.868,00	tybm2	guardia civile mahon, e	805	ale-usb snd	-409	clg "txx2"
5.868,00	tyma2	guardia civile avila, e	751	ale-usb snd	-409	clg "txx2"
5.868,00	tyme2	guardia civile madrid, e	743	ale-usb snd	-409	clg "txx2"
5.868,00	tymt2	guardia civile toledo, e	606	ale-usb snd	-409	clg "txx2"
5.868,00	tzsg2	guardia civile granada, e	810	ale-usb snd	-409	clg "twva1"
5.868,00	tzsm2	guardia civile malaga, e	557	ale-usb snd	-409	clg "txx1"
5.870,00	---	unid rus/cis military	644	fsk 50/500	-509	encrypted/chipher
5.870,00	bk71	unid algerian national guard, alg	1100	ale-lsb	-409	clg "gs40"
5.870,00	fs40	algerian national guard, alg	1618	ale-lsb	-409	clg "gs56"
5.870,00	gs40	algerian national guard, alg	1610	ale-lsb	-409	clg "gs50"
5.870,00	gs40	algerian national guard, alg	751	usb	-509	vocoder tfc after ale calling
5.870,00	gs43	algerian national guard, alg	1820	ale-lsb	-409	clg "gs59"
5.870,00	gs43	algerian national guard, alg	704	usb	-509	vocoder tfc after ale calling
5.870,00	gs45	algerian national guard, alg	704	ale-lsb	-509	clg "gs43"
5.870,00	gs45	algerian national guard, alg	704	usb	-509	vocoder tfc after ale calling
5.870,00	gs47	algerian national guard, alg	821	ale-lsb	-509	clg "gs58"
5.870,00	gs47	algerian national guard, alg	821	usb	-509	vocoder tfc after ale calling
5.870,00	gs48	algerian national guard, alg	1552	ale-lsb	-409	clg "gs40"
5.870,00	gs48	algerian national guard, alg	1241	usb	-509	vocoder tfc after ale calling
5.870,00	gs50	unid algerian national guard, alg	1103	ale-lsb	-409	clg "gs48"
5.870,00	gs51	algerian national guard, alg	1526	usb	-509	vocoder tfc after ale calling

5.870,00	gs51	unid algerian national guard, alg	852	ale-lsb	-409	clg "gs48"
5.870,00	gs52	algerian national guard, alg	1603	ale-lsb	-409	clg "gs50"
5.870,00	gs52	algerian national guard, alg	951	usb	-509	vocoder tfc after ale calling
5.870,00	gs53	unid algerian national guard, alg	614	ale-lsb	-409	clg "gs55"
5.870,00	gs53	algerian national guard, alg	911	usb	-509	vocoder tfc after ale calling
5.870,00	gs55	algerian national guard, alg	1523	ale-lsb	-409	clg "fs40"
5.870,00	gs56	algerian national guard, alg	1247	ale-lsb	-409	clg "gs59"
5.870,00	gs56	algerian national guard, alg	728	usb	-509	vocoder tfc after ale calling
5.870,00	gs58	algerian national guard, alg	728	usb	-509	vocoder tfc after ale calling
5.870,00	gs58	algerian national guard, alg	1852	ale-lsb	-409	clg "gs59"
5.870,00	gs59	algerian national guard, alg	810	ale-lsb	-509	clg "gs58"
5.870,00	gs59	algerian national guard, alg	810	usb	-509	vocoder tfc after ale calling
5.870,00	gs76	algerian national guard, alg	821	usb	-509	vocoder tfc after ale calling
5.870,00	gs76	algerian national guard, alg	1521	ale-lsb	-409	clg "gs43"
5.870,00	mdn	algerian national guard/mdn, alg	1013	ale-lsb	-509	clg "gs55"
5.871,00	---	unid	558	cw	-409	tfc
5.871,00	ardalos	unid greek	710	lsb	-309	wkg "ermes"
5.871,00	clio	unid greek	709	lsb	-309	wkg "ermes"
5.871,00	desaes	unid greek	708	lsb	-309	wkg "ermes"
5.871,00	ermes	unid greek	707	lsb	-309	clg/wkg ...
5.871,00	icarus	unid greek	709	lsb	-309	wkg "ermes"
5.871,00	nestor	unid greek	707	lsb	-309	wkg "ermes"
5.871,00	pegasos	unid greek	708	lsb	-309	wkg "ermes"
5.871,00	pericles	unid greek	709	lsb	-309	wkg "ermes"
5.871,00	pharos	unid greek	707	lsb	-309	wkg "ermes"
5.871,00	poseidon	unid greek	707	lsb	-309	wkg "ermes"
5.871,00	timon	unid greek	707	lsb	-309	wkg "ermes"
5.871,00	tiros	unid greek	708	lsb	-309	wkg "ermes"
5.871,00	tria	unid greek	708	lsb	-309	wkg "ermes"
5.872,50	dyktat01	polish military station	1118	ale-usb snd	-309	clg g07, later g01
5.872,50	g02	polish military station	1114	ale-usb snd	-309	clg g01
5.873,00	---	russian air defence, rus	815	cw	-109	time string = 991115??8?????
5.873,00	---	russian air defence pvo	2250	cw	-409	time strings = 990250?0?????
5.874,00	1307	unid	733	ale-usb snd	-209	
5.874,00	1308	unid	723	ale-usb snd	-209	
5.874,00	1324	unid	759	ale-usb snd	-209	
5.875,00	bc7392ndl	us military ?	1433	ale-usb snd	-509	
5.875,00	cc8392ndl	us military, us?	1433	ale-usb snd	-509	
5.875,00	rh01	algerian military "fs01-net"	2230	ale-usb snd	-409	to fs01 w/lqa; later cb01 to dj0 1
5.879,00	---	rus/cis military	1103	cis-75 75/250	-309	tfc kry
5.879,00	mk11	algerian national guard, alg	702	ale-usb snd	-209	clg "zt10"
5.879,00	mk11	algerian national guard, alg	703	ale-usb snd	-209	send msgs to "zt10"
5.879,00	zt10	algerian national guard, alg	702	ale-usb snd	-209	clg "mk11"
5.879,00	zt10	algerian national guard, alg	703	ale-usb snd	-209	send msgs to "mk11"

5.880,00	bi10bi99	algerian drs station, alg	802	ale-usb snd	-209	clg "bi88bi99"
5.880,00	bi13bi99	algerian drs station, alg	807	ale-usb snd	-209	clg "bi10bi99"
5.880,00	bi88bi99	algerian drs station, alg	822	ale-usb snd	-209	send msgs to "bi10bi99"
5.881,00	rmp	russian navy kaliningrad, rus	852	cw	-309	5fg, rjd6 rjd69 de rmp rmp qtc 117 1135
5.883,00	atencion	cuban intel habana, cub	703	am	-109	gr (n)spa
5.885,00	---	russian naval	1323	unid	-109	revs 50 idling
5.885,00	---	vatican radio s. maria di galeria, i	1551	am	-609	
5.885,00	35	hungarian military	1006	ale-usb snd	-209	clg 082
5.885,00	93	hungarian forces, hun	859	ale-usb snd	-309	clg "035"
5.885,00	zt20	guardia civil algerian national guard, alg	910	ale-usb snd	-309	clg "ac21"
5.892,00	twba2	guardia civil barcelona, e	1002	ale-usb snd	-509	clg "txx2"
5.892,00	twbg2	guardia civil girona, e	739	ale-usb snd	-509	clg "txx2"
5.892,00	twbh2	guardia civil guardia civil huesca, e	1809	ale-usb snd	-409	contacts txx2-madrid
5.892,00	twbm2	guardia civil manresa, e	718	ale-usb snd	-509	clg "txx2"
5.892,00	twlc2	guardia civil cantabria, e	724	ale-usb snd	-509	clg "txx1"
5.892,00	twvb2	guardia civil burgos, e	1232	ale-usb snd	-509	clg "txx2"
5.892,00	txx2	guardia civil madrid, e	1549	ale-usb snd	-509	send msgs to "tymt2"
5.892,00	tyma2	guardia civil avila, e	1211	ale-usb snd	-509	clg "txx2"
5.892,00	tyme2	guardia civil madrid, e	840	ale-usb snd	-509	clg "txx2"
5.892,00	tymt2	guardia civil toledo, e	707	ale-usb snd	-509	clg "txx2"
5.895,20	---	unid cis ptt	655	cis-arq 100/1000	-209	encrypted/chipher
5.897,00	clp	intel habana, cub	529	cw	-409	gr (a)
5.898,00	atencion	cuban dgi, cub	803	am	-1208	spanish female voice with 5f grouped msgs
5.899,00	clp	intel habana, cub	524	cw	-409	gr (a)
5.907,00	---	rus/cis military	849	cis-75 75/250	-409	encrypted/chipher
5.909,00	bora	albanian police, alb	741	ale-usb snd	-409	clg "drini" 0756 clg "drini"
5.909,00	drini	albanian police, alb	742	ale-usb snd	-409	send mgsg to "bora"
5.943,00	---	unid rus/cis military	810	bee 36-50 50/200	-109	tfc kry
5.955,00	---	radio nederland wereldomroep wertechtal, d	1544	am	-609	
6.003,50	---	unid	912	pactor-3	-309	encrypted/chipher
6.019,00	f4kz	unid	818	cw	-109	gr n)
6.094,00	rcv	rn black sea fleet hq sevastopol, ukr	435	mpsk-12/usb	-409	wkg dx rgz58 after op-chat on 5171 khz/cw
6.185,00	drini	albanian police, alb	1121	ale-usb snd	-309	clg "bora"
6.190,00	---	deutschlandfunk, d	127	am	-509	
6.200,00	---	unid	610	usb	-509	tfc ara simplex
6.200,00	cs003	macadonian forces, mkd	921	ale-usb snd	-109	clg "rs0013"
6.200,00	cs003b	macadonian forces, mkd	754	ale-usb snd	-109	clg "rs005b"
6.200,00	rs0012	macadonian forces, mkd	1354	ale-usb snd	-109	clg "cs003"
6.200,00	rs0013	macadonian forces, mkd	910	ale-usb snd	-109	clg "cs003"
6.200,00	rs0017	macadonian forces, mkd	1138	ale-usb snd	-109	clg "cs003"
6.200,00	rs005b	macadonian forces, mkd	806	ale-usb snd	-109	clg "cs003b"
6.200,00	rs008b	macadonian forces, mkd	1619	ale-usb snd	-109	clg "cs003b"
6.200,00	rs009b	macadonian forces, mkd	1409	ale-usb snd	-109	send msgs to "cs003b"
6.200,00	rs009b	macadonian forces, mkd	1409	ale-usb snd	-109	clg "cs003b"

6.205,60	idr	italian navy rome, i		1420	stanag-4285/600l/5n1/usb	-409 send kg84 msgs
6.205,60	ihmg	italian navy ship, i		1425	usb	-409 clg/wkg idr
6.210,00	bpxl	iranian navy, irn		1516	rtty 75/850	-409 ry+tfc kry
6.212,00	---	unid military		812	nato-75 75/850	-109 encrypted/chipher
6.216,00	---	unid prob rus/cis military		415	cw	-409 dx msg ".. 38 38 13 13 // t8 t8 rpt = 64
6.222,00	5555	unid		1740	ale-usb snd	-209 1942
6.224,00	---	taupo radio taupo, nzl		700	usb	-109 wx
6.224,00	aa1	israeli air force, isr		604	ale-usb snd	-509
6.224,00	aa3	israeli air force ben gurion, isr		2139	ale-usb snd	-309
6.224,00	aaa	israeli air force tel aviv, isr		1649	ale-usb snd	-209 clg t59
6.224,00	bb2	israeli air force tel aviv, isr		1707	ale-usb snd	-109
6.224,00	bb3	161 sqn israeli air force, isr		1955	ale-usb snd	-109
6.224,00	bb4	israeli air force, isr		1914	ale-usb snd	-109
6.224,00	bb8	israeli air force, isr		1647	ale-usb snd	-209
6.224,00	dd1	israeli air force, isr		1708	ale-usb snd	-409
6.224,00	dd3	israeli air force, isr		2250	ale-usb snd	-109 dd3 and aaa-ncs snding 6224 and 6742 khz
6.227,60	---	french forces		705	stanag-4285/1200l/5n1/usb	-109 continuos tfc kry
6.230,00	vwm	wiluna,wa aus meteo		1730	usb	-209 wx ing
6.238,00	---	rus/cis military		1835	mpsk-1212/usb	-109 encrypted/chipher
6.240,00	---	mary center mary aero, tkm		203	usb	-309 yl rr sx wkg "ashkhabad center"
6.243,00	---	unid		1002	rus-76 76/200	-109 encrypted/chipher
6.243,20	---	unid military		920	stanag-4285/600l/5n1/usb	-409 idle
6.245,20	---	military		605	stanag-4285/600l/5n1/usb	-409 continuos tfc kry 1515 continuos tfc kry
6.247,00	---	military		707	nato-75 75/850	-309 encrypted/chipher
6.247,00	---	unid		1126	ale-usb snd	-309 encrypted/chipherprotetcted link
6.248,00	ebdh	military ship, e		1137	stanag-4285/600l/5n1/usb	-309 send kg84 msgsg
6.248,00	ebpl	military ship, e		1129	usb	-309 tfc spa
6.248,00	xss	defence hf comm service forest moor, g		1125	ale-usb snd	-309 571,227,125,713,321,000,000,000,000,000
6.251,00	xjk	defence hf communications service		1518	ale-usb snd	-409 clg "xss"
6.251,00	xld	defence hf communications service		1935	ale-usb snd	-409 clg "xss"
6.251,00	xpk	defence hf communications service		1603	ale-usb snd	-409 clg "xss"
6.251,00	xss	uk-dhfcs ncs forest moor, g		1048	ale-usb snd	-109
6.251,00	xss	defence hf comm. service forest moor, g		1518	ale-usb snd	-409 clg "xjk"
6.256,00	---	unid		609	fsk 300/170	-409 encrypted/chipher
6.259,00	---	french navy ship, f		1109	stanag-4285/600l/5n1/usb	-309 send kg84 msgs
6.260,00	---	fishermen		658	usb	-409 fr faulty trawl ....
6.262,50	delta romeo	italian navy rome, i		808	stanag-4285/600l/5n1/usb	-509 send kg84 msgs
6.262,50	delta romeo	italian navy rome, i		709	usb	-309 clg ihch
6.262,50	echo papa	italian navy ship i		814	usb	-509 wkg idr
6.262,50	tango carlye	italian navy ship, i		1028	usb	-509 wkg idr

6.265,00	aaa	israeli air force tel aviv, isr		1913	ale-usb snd	-109	to bb1
6.265,00	bb1	israeli air forcepalmachim, isr		1916	ale-usb snd	-109	
6.265,00	bb3	israeli air force, isr		825	ale-usb snd	-109	
6.265,00	c63	aircraft israeli air force, isr		827	ale-usb snd	-109	snd 1308 clg "aaa"
6.265,00	dd1	israeli air force, isr		1132	ale-usb snd	-109	
6.265,00	dd2	israeli air force, isr		849	ale-usb snd	-109	
6.265,00	dd3	israeli air force, isr		845	ale-usb snd	-109	
6.265,00	t59	aircraft israeli air force, isr		1408	ale-usb snd	-109	
6.265,00	tsm	israeli air force, isr		821	ale-usb snd	-109	
6.271,50	uaap	russ. stern trawler "kapitan morgun m-0017"		2116	arq	-409	wkg dx udk2/murmansk radio tfc
6.271,50	ucud	vessel vasilyi lozovskyi, rus		2056	arq	-509	telegrams in russian to unknown coast station
6.272,60	---	unid military		709	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.275,00	gwpwco	brazillian navy ship, b		620	ale-usb snd	-409	clg "gwpwco"
6.275,00	gwpwn	brazillian navy natal, b		640	ale-usb snd	-409	clg "gwpwco"
6.288,00	aa1	israeli air force, isr		1553	ale-usb snd	-1208	
6.288,00	aaa	israeli air force tel aviv, isr		1653	ale-usb snd	-209	
6.291,00	use5	ukrain navy, ukr ?		717	cw	-109	clg/wkg uyt2
6.292,00	---	unid		700	cw	-1208	has been heard several times
6.295,20	---	military		1645	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
6.308,00	---	rus/cis military		1833	mpsk-1212/usb	-109	encrypted/chipher
6.310,00	cs004	macadonian forces, mkd		1104	ale-usb snd	-509	send msgs to "rs006d"
6.310,00	cs004a	macadonian forces, mkd		1157	ale-usb snd	-509	clg "rs0013d"
6.310,00	rs0013d	macadonian forces, mkd		1109	ale-usb snd	-509	clg "cs004a"
6.310,00	rs006d	macadonian forces, mkd		1104	ale-usb snd	-509	send msgs to "cs004"
6.312,00	apnetos	unid		1241	ale-usb snd	-409	calling aanetos also heard otryadnetos
6.315,00	ufl	vladivostok radio, rus		2154	arq 100/170	-209	cw id
6.316,20	idr/igj	rome/augusta naval radio, i		1749	stanag-4285/300l/5n1	-209	message blocks in kg-84 crypto
6.316,50	vjs	perth radio, aus		1650	pactor-gw	-1208	resync
6.317,00	wlo	mobile coden radio usa		825	arq 100/170	-109	ch marker/cw id
6.318,20	idr	italian navy roma, i		712	rtty 75/850	-109	availability
6.320,50	---	unid		1820	rtty 100/170	-209	tfc/s-off
6.321,00	---	russian air defence		1942	cw	-409	#ERROR!:parse
6.321,50	---	russian air defence		1923	cw	-409	17162901100703 = 99?2322?9????? =
6.321,50	---	unid rus/cis air force		1939	cw	-309	counting string '=1t116235491938 '
6.322,00	---	military		1643	nato 100/850	-309	encrypted/chipher
6.322,00	---	unid rus/cis military		1948	mpsk-12/usb	-209	encrypted/chipher
6.322,50	udk	murmansk radio		206	arq-cw	-309	marker
6.322,50	udk2	murmansk radio, rus		1838	arq 100/170	-109	ch marker/cw id
6.325,50	vzg420	gln "seabourne electronics townsville, aus		1550	pactor	-109	ch-free-mkr & cw cq-mkr each 3 mins
6.326,00	70	singapore navy frigate "rss steadfast 70		1554	ale-usb snd	-109	to cn3 changi naval base w/lqa
6.327,50	vjs	perth radio, aus		1933	pactor-gw	-209	encrypted/chipher/ch marker
6.328,00	---	unid rus/cis military		547	bee 36-50/50/250	-509	tfc kry
6.330,50	dg2968	german sailing ship "tika"		2013	pactor-1	-209	clg osy sail mail brugge
6.331,70	igj43	italian navy augusta, i		1141	stanag-4285/300l/5n1/usb	-309	idle

6.339,00	---	poss russian military or naval	1540	cw	-109	tue 5 barred ltr tfc
6.340,00	xsq	guangzhou radio, chn	1708	pactor-gw ?	-1208	resync
6.340,50	nik	us coast guard boston, usa	1926	fax 120	-109	
6.340,50	nmf	us coast guard cape cod, usa	1904	fax 120/576	-109	cdt 1913,1923,1933,1943 cdt 2149 sat pic
6.342,00	---	poss rdl russian naval	1451	bee 35-50	-109	traffic
6.344,00	hlf	seoul radio, kor	2204	pactor-gw	-209	encrypted/chipher/ch marker
6.347,00	---	unid	1810	revs 79.3/240	-209	
6.348,00	fue	french navy brest, f	1902	stanag-4285/600l/5n2/usb	-109	ry+sg+test
6.352,00	sab	g"teborg radio, s	1716	pactor-gw	-1208	resync
6.355,50	9mg	penang radio, mla	1935	pactor-gw	-209	encrypted/chipher/ch marker
6.358,50	dao26	global link network kiel, d	1754	pactor-3	-109	encrypted/chipher/ch marker/cw id
6.358,50	pbb	dutch navy ijumiden, hol	1752	rtty 75/850	-109	availability
6.361,00	3uno	rus/cis military	115	cw	-109	calling ts3w for qsa no joy.
6.362,00	gya	royal navy london, g	1430	rtty 75/850	-409	availability
6.362,00	mgj	royal navy forest moor, g	832	rtty 75/850	-109	availability
6.365,00	---	unid magadan ?	1850	cw	-409	is too far for this kind of nice sig tfc
6.368,50	heb26	global link berne, sui	0	pactor-3	-309	idling cw id cq de heb
6.370,00	bj40	algerian national guard, alg	833	ale-usb snd	-509	clg "bj53"
6.370,00	bj43	algerian national guard, alg	814	ale-usb snd	-509	clg "bj40"
6.370,00	bj47	algerian national guard, alg	855	ale-usb snd	-509	clg "bj40"
6.370,00	bj50	algerian national guard, alg	600	ale-usb snd	-509	clg "bj40"
6.370,00	bj51	algerian national guard, alg	552	ale-usb snd	-509	clg "bj50"
6.370,50	---	unid french navy unid, f	1823	fsk 50/850	-109	encrypted/chipher
6.379,00	4xz	israeli navy haifa, isr	902	cw	-309	ar ar nw qtc 1 / 63 = = nr 63 ..
6.388,50	---	italian forces ?	719	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
6.389,00	ctp	nato oeiras/palhais	658	cw/rtty 75/850	-209	naws naws dectp ctp ctp qsx 8 mhz
6.391,00	aqp4	pakistan navy karachi, pak	1843	cw	-109	vvv de
6.391,00	uso5	izmail radio, ukr	900	rtty 50/170	-309	russian tfc
6.394,00	riw	russian navy hq	300	cw	-309	w/ "riw zzd ?", "zcs zzd 1/no ask"
6.396,00	9hd	malta radio, mlt	1724	pactor-gw	-1208	resync
6.396,00	9hd	la valletta radio, mlt	1130	pactor-gw	-109	encrypted/chipher/ch marker
6.399,00	zsc	capetown radio, afs	1731	pactor-gw	-109	encrypted/chipher/ch marker
6.400,00	---	military	615	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
6.400,00	260201	unid "2fff0f"-net	1745	ale-usb snd	-109	
6.400,00	264203	unid	200	ale-usb snd	-209	ltr snd by 260201
6.400,00	bxpjankov	polish kfor unit kosova	2100	ale-usb snd	-409	to operacyjny polish kfor continguent hq
6.400,00	jmp449	us army avi task force 449 "tf hurricane"	2130	ale-usb snd	-309	multi-national division-center
6.400,00	r1397	unid us army aviation helicopter	300	ale-usb snd	-209	to 14toc "1-4 arb" also snds by 14toc
6.400,00	r14	unid	2130	ale-usb snd	-109	contacts 14toc
6.400,00	r1400	us army ah-64d of 1-4 arb	2144	ale-usb snd	-109	contacts 14toc-1st attack recce bn
6.400,00	r2640	us army aviation unid helicopter, irq	342	ale-usb snd	-109	to r2437 unid helo later sndings by 24toc
6.405,20	---	unid military	1729	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.410,50	tf449	us military	1829	ale-usb snd	-209	
6.410,70	---	unid nato stn	2019	nato-75 75/850	-109	continuous cipher, strong

6.412,00	123456	ncs turkish civil defence, tur	1859	ale-usb snd	-409	
6.412,00	3161	ncs turkish civil defence, tur	1832	ale-usb snd	-409	
6.412,00	3211	ncs turkish civil defence, tur	1827	ale-usb snd	-409	
6.412,00	3341	ncs turkish civil defence, tur	2101	ale-usb snd	-409	
6.412,00	3541	ncs turkish civil defence, tur	1849	ale-usb snd	-409	
6.412,00	3551	ncs turkish civil defence, tur	1838	ale-usb snd	-409	
6.412,00	3561	ncs turkish civil defence, tur	2149	ale-usb snd	-409	
6.412,00	3771	ncs turkish civil defence, tur	1835	ale-usb snd	-409	
6.412,00	4061	ncs turkish civil defence, tur	2249	ale-usb snd	-409	
6.412,00	8031	ncs turkish civil defence, tur	1849	ale-usb snd	-409	
6.412,00	8061	ncs turkish civil defence, tur	1824	ale-usb snd	-409	
6.412,00	8211	ncs turkish civil defence, tur	1926	ale-usb snd	-409	
6.412,00	8351	ncs turkish civil defence, tur	1813	ale-usb snd	-409	
6.412,00	8551	ncs civil defence, tur	2236	ale-usb snd	-409	
6.412,00	9857	ncs turkish civil defence, tur	1749	ale-usb snd	-409	
6.412,70	idn	nato napoli, i	1727	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.416,50	---	unid prob japanese	2325	8-tone-mfsk	-1208	
6.416,50	xss	ncs uk defence hf communications service	1728	ale-usb snd	-409	
6.421,50	---	unid, east asian coastal ?	1610	cw	-209	"bulletin" using special morse characters
6.421,50	hlo	seoul radio, kor	1752	cw	-109	cq de not scheduled spurius ???
6.422,00	cs002	macadonian forces, mkd	752	ale-usb snd	-409	clg "rs008"
6.422,00	cs002a	macadonian forces, mkd	1231	ale-usb snd	-409	clg "rs006a"
6.422,00	cs002b	macadonian forces, mkd	1527	ale-usb snd	-409	clg "rs0012a"
6.422,00	rs0011	macadonian forces, mkd	755	ale-usb snd	-409	clg "cs002"
6.422,00	rs0014a	macadonian forces, mkd	1305	ale-usb snd	-409	clg "cs002b"
6.422,00	rs006a	macadonian forces, mkd	1134	ale-usb snd	-409	clg "cs002a"
6.422,00	rs008	macedonian forces, mkd	1704	ale-usb snd	-309	clg "cs002"
6.425,00	udm	unid russian, prob military ?	2032	cw	-409	calling udm qsy 5911
6.427,00	bk30	algerian national guard, alg	1054	ale-usb snd	-409	send msgs to "fs30"
6.427,00	bt30	algerian military	2331	ale-usb snd	-409	to bt34, bt35, bt33 w/lqas
6.427,00	bt31	algerian national guard, alg	1835	ale-usb snd	-409	clg "fs30"
6.427,00	bt33	algerian national guard, alg	1140	ale-usb snd	-409	clg "fs30"
6.427,00	bt34	algerian national guard, alg	1835	ale-usb snd	-409	send msgs to "fs30"
6.427,00	bt35	algerian national guard, alg	1139	ale-usb snd	-409	clg "fs30"
6.427,00	fs30	algerian national guard, alg	1744	ale-usb snd	-409	send msgs to "wa31"
6.427,00	qc30	algerian national guard, alg	1857	ale-usb snd	-409	clg "wa30"
6.427,00	qc31	algerian national guard, alg	952	ale-usb snd	-409	clg "wa30"
6.427,00	vcs	halifax radio, can	1938	pactor-gw	-209	encrypted/chipher/ch marker
6.427,00	wa30	algerian national guard, alg	1139	ale-usb snd	-409	clg "fs30"
6.427,00	wa31	algerian national guard, alg	1744	ale-usb snd	-409	send msgs to "fs30"
6.427,00	wa33	algerian national guard, alg	1116	ale-usb snd	-409	clg "fs30"
6.427,00	wa34	algerian national guard, alg	1717	ale-usb snd	-409	clg "fs30"
6.427,00	wa35	algerian national guard, alg	2002	ale-usb snd	-409	clg "wa30"
6.428,00	abc	mossad tel aviv, isr	1800	usb	-209	gr (a)

6.428,00	tms	e10 mossad	1554	usb	-309	carrier sending "tms"
6.430,00	a9m	globe wireless hamala, bha	1720	globedata	-309	idling headerbyte 5f
6.430,00	bora	bora albanian police, alb	642	ale-usb snd	-509	clg "drini"
6.435,50	dao36	global link network kiel, d	1800	pactor-2	-109	tl 1900,2000,2100,2200 tl
6.442,00	---	unid rus/cis military	1638	mpsk-12/usb	-209	encrypted/chipher
6.445,00	---	japanese navy, j	832	usb/japanese 8 vft psk modem	-109	encrypted/chipher
6.445,60	8101	kellog brown & root [inc], irq	2251	ale-usb snd	-109	
6.450,00	2qzqdz	unid	929	ale-usb snd	-409	aqc
6.450,00	dibartolo	g3 "di bartolo"	1023	ale-usb snd	-109	clg cinus g9 "cinus" no joy
6.450,00	gaeta	gaeta nautical school ?	1011	ale-usb snd	-109	clg cinus g9 "cinus", hs flwd by voice
6.450,00	greco	guarfi di bartolo class patrol vessel	1459	ale-usb snd	-409	to taranto, 1538z to pratica01
6.450,00	ier?	guardia di finanza greco ship, i	824	ale-usb snd	-209	clg "denaro"
6.450,00	messina	guardia di finanza messina, sicily, i	1700	ale-usb snd	-409	to greco, taranto; greco replied
6.450,00	palermo	guardia di finanza palermo, i	812	ale-usb snd	-209	clg "feliciani" 0924 clg "miccoli"
6.450,00	practia01	guardia di finanza, i	952	ale-usb snd	-209	clg vaccar0
6.450,00	pratica01	guardia di finanza pratica di mare, i	1518	ale-usb snd	-409	to greco into r&s-psk/2400 data bursts.
6.450,00	vibovalent	guardia di finanza vibovalentia, i	923	ale-usb snd	-409	clg "cagliari"
6.453,00	---	unid	1821	cw	-209	tfc/wx ? ?
6.454,00	bi10	poss algerian military/moi	2250	ale-usb snd	-109	contacts bi13
6.454,00	bi13bi99	algerian drs station, alg	1945	ale-usb snd	-209	clg "bi10bi99"
6.454,00	bi88bi99	algerian drs station, alg	722	ale-usb snd	-209	clg "bi10bi99"
6.454,00	xsg	shanghai radio, chn	5	cw	-109	cc nav/warn bull "= n/w xsg nr74 ,,,"
6.456,00	zla	awanui radio, nzl	1725	pactor-gw	-109	encrypted/chipher/ch marker
6.456,20	---	unid	2011	stanag-4285/600l	-209	crypto, itu says spain
6.456,20	---	unid france ?	1346	stanag-4285/600l/5n1	-309	idling usuallyin kg-84
6.456,20	---	spanish navy, e	1723	stanag-4285/600l/5n1/usb	-109	idle
6.456,20	retj	spanish navy madrid, e	1530	stanag-4285/600l/5n1	-109	idle
6.460,00	rjh25	russian navy ship	37	cw	-109	clg rmsb for qsa
6.464,00	vie	globe wireless darwin, aus	1546	pactor-gw 100/200	-1208	channel free marker
6.467,00	lfi	rogaland radio, nor	1721	pactor-gw	-109	encrypted/chipher/ch marker
6.470,00	uws3	kiev radio, ukr	835	cw 40 wpm	-109	russian navigationalmessages
6.474,50	---	turkisg navy, tur	1717	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.477,00	rji20	naval	610	cw	-209	5fg msg for rjs45
6.477,00	rjp42	naval	530	cw	-209	5fg msgs for rcc
6.478,00	sab	g"teborg radio, s	2245	pactor-gw	-1208	resync
6.480,00	bj51	algerian military	2132	ale-usb snd	-409	to bj40 w/lqa
6.482,00	---	unid	1814	cw	-309	tfc/gr a)
6.482,20	---	unid	1703	pactor-?	-409	encrypted/chipher?
6.483,00	9mr	malaisian navy penang, mla	1820	rtty 50/850	-109	tfc mla/gr a)
6.483,00	9mr	rmn johore bahru w.malaysia, mla	1724	rtty 50/850	-309	idle rjull jull 9mr 5/9/ 10/13 rmmj mrb
6.483,00	pbh	dutch navy den helder, hol	1808	rtty 75/850	-109	availability '02b 04a 06b 08a pbh'
6.484,50	xsv	tianjin radio, chn	2249	pactor-gw	-1208	resync
6.486,00	p2z10	us army, irq	2146	ale-usb snd	-209	
6.486,00	r24331	us army aviation ch-47d helicopter, irq	1622	ale-usb snd	-209	to t3z10 w/replied into "110" tfc

6.486,00	r24392	us army uh-60a blackhawk helicopter, irq	228	ale-usb snd	-409	to r00083 ch-47d chinook helicopter
6.486,00	r26268	us army helo, irq	1848	ale-usb snd	-209	clg "p2z10"
6.486,00	r26494	us army aviation uh-60l helicopter), irq	320	ale-usb snd	-109	to p2z10 "2-10 gsab" later p2z10 snd
6.486,00	t10cab	us army, irq	1738	ale-usb snd	-209	
6.486,00	t1z10	us army, irq	1738	ale-usb snd	-209	
6.486,00	t3z	us army, irq	1902	ale-usb snd	-209	
6.486,00	t66cav	us army 10th mountain div, irq	1758	ale-usb snd	-209	
6.487,00	166	unid	1903	ale-usb snd	-309	clg "166"
6.487,00	177	unid	1910	ale-usb snd	-309	clg "180"
6.487,00	180	unid	1856	ale-usb snd	-309	clg "180"
6.487,00	aaa	israeli air force tel aviv, isr	1535	ale-usb snd	-209	
6.488,50	---	unid, prob globewireless ?	549	arq	-109	channel-free- mkr/idles
6.489,00	tba3	turkish navy ankara, tur	835	nato-75 75/850	-109	encrypted/chipher
6.491,60	---	unid	2007	stanag-4285/600l	-209	crypto itu says spain
6.492,00	---	uinid military	1805	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.493,50	hec	bern radio, sui	619	pactor-gw	-409	encrypted/chipher/ch marker
6.494,00	hec	berne radio, sui	1145	pactor-gw	-109	sat globe marker
6.495,00	---	unid prob canadian forces halifax, can	720	fax	-1208	
6.496,40	cfh	canadian forces halifax, can	201	fax 120/576	-309	cdt0301,0321,0401,0501 cdt
6.498,00	pcd	mossad tel aviv, isr	1718	usb	-109	gr (a) ing
6.498,10	pbc	dutch navy ijumiden, hol	1803	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.500,00	1001	protection civile marocaine, mrc	941	ale-usb snd	-309	clg "1308" 0949 clg "1311"
6.500,00	1002	protection civile marocaine, mrc	2047	ale-usb snd	-309	
6.500,00	10111	protection civile marocaine, mrc	2004	ale-usb snd	-209	contacts 131 6
6.500,00	1109	unid	1745	ale-usb snd	-109	
6.500,00	1119	protection civile marocaine, mrc	1702	ale-usb snd	-309	
6.500,00	13011	protection civile marocaine, mrc	841	ale-usb snd	-309	
6.500,00	130111	protection civile marocaine, mrc	701	ale-usb snd	-309	
6.500,00	13012	unid	1559	ale-usb snd	-109	
6.500,00	1303	unid	1837	ale-usb snd	-109	clg "1317"
6.500,00	13061	protection civile marocaine, mrc	1929	ale-usb snd	-309	
6.500,00	1307	protection civile marocaine, mrc	835	ale-usb snd	-309	
6.500,00	13071	protection civile marocaine, mrc	1837	ale-usb snd	-309	
6.500,00	13082	protection civile marocaine, mrc	1120	ale-usb snd	-309	
6.500,00	1309	protection civile marocaine, mrc	715	ale-usb snd	-309	
6.500,00	1311	protection civile marocaine, mrc	1127	ale-usb snd	-309	
6.500,00	1312	unid	2058	ale-usb snd	-109	
6.500,00	13121	protection civile marocaine, mrc	1940	ale-usb snd	-309	
6.500,00	13122	protection civile marocaine, mrc	634	ale-usb snd	-309	
6.500,00	13141	unid	1941	ale-usb snd	-109	
6.500,00	131411	unid	1859	ale-usb snd	-109	
6.500,00	13142	protection civile marocaine, mrc	1755	ale-usb snd	-309	
6.500,00	1316	protection civile marocaine, mrc	1852	ale-usb snd	-309	
6.500,00	13191	unid	1929	ale-usb snd	-109	

6.500,00		1321	protection civile marocaine, mrc	1927	ale-usb snd	-309	
6.500,00		13211	protection civile marocaine, mrc	636	ale-usb snd	-309	
6.500,00		1322	protection civile marocaine, mrc	1235	ale-usb snd	-309	
6.500,00		1324	protection civile marocaine, mrc	1024	ale-usb snd	-309	
6.500,00		13241	protection civile marocaine, mrc	802	ale-usb snd	-309	
6.500,00		1325	unid	1043	ale-usb snd	-109	clg "1306"
6.500,00		13252	unid	1726	ale-usb snd	-109	
6.500,00		2201	protection civile marocaine, mrc	1138	ale-usb snd	-309	
6.500,00		22011	protection civile marocaine, mrc	1757	ale-usb snd	-309	
6.500,00		2204	unid	1931	ale-usb snd	-109	clg "1314"
6.500,00		2211	protection civile marocaine, mrc	1819	ale-usb snd	-309	
6.500,00		22111	unid	2059	ale-usb snd	-109	
6.500,00		2213	unid	1442	ale-usb snd	-109	clg "2011"
6.500,00		2214	protection civile marocaine, mrc	729	ale-usb snd	-309	
6.500,00		22141	protection civile marocaine, mrc	609	ale-usb snd	-309	
6.500,00		2215	unid	2009	ale-usb snd	-109	clg ""
6.500,00		2401	unid	1801	ale-usb snd	-109	
6.500,00		2406	protection civile marocaine, mrc	1859	ale-usb snd	-309	
6.500,00		2407	protection civile marocaine, mrc	1834	ale-usb snd	-309	
6.500,00		24151	protection civile marocaine, mrc	644	ale-usb snd	-309	
6.500,00		2418	unid	1732	ale-usb snd	-109	
6.500,00		67	unid	1009	ale-usb snd	-309	
6.500,00		9001	protection civile marocaine, mrc	2203	ale-usb snd	-209	
6.500,00	bi1sk		algerian national police biskra, alg	5	ale-lsb snd	-409	
6.500,00	dp1fa		algerian national police djelfa, alg	859	ale-lsb	-409	clg "hh1ar" 0914 clg "gh1ar" '[amd] faxdata'
6.500,00	gh1ar		algerian national police ghardaia, alg	859	ale-lsb	-409	clg "dp1fa" 0906 clg "dp1fa" '[amd] faxdata'
6.500,00	gm1rb		algerian national police guelma, alg	926	ale-lsb	-409	clg "tg1rt"
6.500,00	idr		italian navy rome, i	1751	stanag-4285/300l/5n1/usb	-109	availability 'mmmmm//idr3i(0)/idr2i(0)//'
6.500,00	il1li		algerian national police illizi, alg	937	ale-lsb	-409	clg "gh1ar"
6.500,00	me1ni		algerian national police el-meniaa, alg	1806	ale-lsb	-409	
6.500,00	me1ni		algerian national police unlocated	0	ale-lsb snd	-409	
6.500,00	omqc		nnpc, nig	1913	ale-usb snd	-109	
6.500,00	ou1rg		algerian national police ourgla, alg	858	ale-lsb	-409	clg "dp1fa"
6.500,00	tg1rt		algerian national police touggourt, alg	0	ale-lsb snd	-409	
6.500,00	tg1rt		algerian national police touggortou, alg	906	ale-lsb	-409	
6.501,00	nmn		us coast guard chesapeake, usa	515	usb	-209	wx/nw //4426,0 8764,0
6.507,00	---		sevastopol radio, ukr	620	usb	-109	tlf
6.507,00	---		canadian coast guard frobisher bay, can	1705	usb	-209	wx
6.507,00	vmc		charleville meteo, aus	1800	usb	-109	wx ing
6.507,00	vtp13		indonesian navy vishakhapatnam, ind	1822	rtty 50/740	-109	ry+qra 1830 tropical weather forecat
6.509,00	bd4		unid	1715	ale-usb snd	-409	1726 clg "dbe"
6.509,00	dbe		unid	1715	ale-usb snd	-409	clg "db4" 1721,1726 clg "db4"
6.510,00	---		m01	705	cw	-209	5fgs
6.510,00		1002	unid	744	ale-lsb	-309	clg "1002" 0749,0756 clg "1002" '[amd]

6.510,00	vde	enigma?		710	cw	-409	alphanumeric groups
6.514,50	gagol35	polish forces, pol		1053	ale-usb snd	-109	clg "mona34"
6.514,50	igielit37	polish army, pol		854	ale-usb snd	-309	calling watford87
6.514,50	lcr152	polish forcesjanki, pol		808	ale-usb snd	-109	clg "poniec38" 0820 clg "jacyna37"
6.514,50	mona34	polish forces, pol		1053	ale-usb snd	-109	clg "gagol35"
6.514,50	morton25	polish forces		2038	ale-usb snd	-409	clg "igielit37" 2039,2041 clg "watford87"
6.514,50	poniec38	polish forces		800	ale-usb snd	-109	clg "gagol35"
6.514,50	watford87	polish army, pol		853	ale-usb snd	-309	answers callfrom igielit3 7
6.515,00	---	unid rus/cis military		1707	cis-75 75/200	-409	encrypted/chipher
6.519,00	wlo	mobile radio, usa		600	usb	-209	wx
6.521,50	---	unid rus/cis military		1808	mpsk-12/usb	-209	encrypted/chipher
6.522,00	cs001	macadonian forces, mkd		805	ale-usb snd	-109	clg "rs002" 0815 clg "rs004"
6.522,00	cs001b	macadonian forces, mkd		1456	ale-usb snd	-409	to rs0012b
6.522,00	rs0012b	macedonian forces, mkd		1055	ale-usb snd	-309	clg "cs001b"
6.522,00	rs0013b	unid		1646	ale-usb snd	-209	clg cs001b
6.522,00	rs0014b	macedonian forces, mkd		911	ale-usb snd	-309	clg "cs001b"
6.522,00	rs0017b	macedonian forces, mkd		1008	ale-usb snd	-309	clg "cs001b"
6.522,00	rs006	macedonian forces, mkd		1107	ale-usb snd	-309	clg "cs001"
6.522,00	xss	dhfcs forest moor, g		812	ale-usb snd	-109	8,420,913,094,310,130,000,000,000,000,000
6.523,00	rkow	unid rus/cis station		1730	cw	-309	repeating ochkl rkow qsy 19298 19298 k
6.523,40	vcs	globe wireless halifax, can		1927	globedata	-309	header byte 4e
6.523,40	vct	tor's cove radio, can		2201	pactor-gw	-109	encrypted/chipher/ch marker
6.524,20		4101	unid kellog brown root inc station, irq	1951	ale-usb snd	-309	
6.524,20		6101	unid kellog brown root inc station, irq	2038	ale-usb snd	-309	
6.524,20		623574	truck kbr, irq	2016	ale-usb snd	-309	clg "624250"
6.524,20		624250	truck kbr, irq	2034	ale-usb snd	-309	clg "623574 620574"
6.524,20		6701	kellog brown root inc inc irq	2124	ale-usb snd	-209	this was
6.524,20		6801	kellogg brown and root, irq	2240	ale-usb snd	-409	later snd by 6301, 6101, 7201, 8101
6.524,20		7201	kellogg brown and root, irq	1846	ale-usb snd	-109	
6.524,20		8101	kellogg brown and root, irq	1906	ale-usb snd	-109	
6.524,20		8301	kellogg brown and root, irq	2003	ale-usb snd	-109	
6.524,20		8601	kellogg brown and root, irq	1900	ale-usb snd	-109	
6.527,00	---	unid		1843	usb	-409	tfc ara simplex with beep
6.529,00		17	telde air, cnr	2151	hfdl	-109	squitters 2155,2201 squitters
6.532,00		7	shannon air, irl	2155	hfdl	-109	squitters 2206,2212,2251 squitters
6.535,00	---	dakar atc, sng		154	usb	-309	traffic fair
6.535,00	---	dakar info dakar/leopold sedar senghor, sen		2145	usb	-109	wkg "gsm"
6.535,00		5	auckland air, nzl	1834	hfdl	-109	squitters
6.535,00	up0035	ups flt		1612	hfdl	-309	lat 7 37 51n lon 12 142 12e
6.537,00	---	unid		625	usb	-109	tfc rus duplex ?
6.542,00	---	unid		1849	nato-75 75/850	-109	encrypted/chipher
6.543,00	toulouse tecnique	airbus toulouse, f		859	usb	-309	tfc fra simplex
6.546,20	---	unid military		1812	stanag-4285/600l/5n1/usb	-209	send kg84 msgs in to long pause

6.550,00	---	unid	913	usb	-109	ff simplex male/male comms
6.552,00	---	military	44	nato-100 100/850	-309	encrypted/chipher
6.553,00	---	unid rus/cis military	533	mpsk-12/usb	-509	encrypted/chipher
6.554,00	---	unid rus/cis military	1654	mpsk-12/usb	-209	encrypted/chipher
6.556,00	---	calcutta acc sea-1 radio calcutta, ind	1733	usb	-209	tfc ing/selcall
6.556,00	---	unid rus/cis military	526	mpsk-12/usb	-409	encrypted/chipher
6.557,00	---	unid rus/cis military	652	mpsk-12/usb	-209	encrypted/chipher
6.560,00	---	rus/cis military	617	mpsk-12/usb	-309	encrypted/chipher
6.560,00	211215	nigerian national police force, nig	2138	ale-usb snd	-209	
6.561,00	---	unid rus/cis military	605	mpsk-12/usb	-209	encrypted/chipher
6.562,00	---	rus/cis military	638	mpsk-12/usb	-309	encrypted/chipher
6.562,00	437805	unid iraqi voice net	2110	ale-usb snd	-309	
6.562,00	d3ale4	royal moroccan army, mrc	1719	ale-usb snd	-309	clg o6 ale1
6.562,00	p3	royal moroccan army, mrc	1722	ale-usb snd	-309	clg c3
6.564,00	---	rus/cis military	553	mpsk-12/usb	-409	encrypted/chipher
6.565,00	2	molokai air, hwa	625	hfdl	-209	send msg to "m76812" new frequency ?!?!
6.565,00	244	unid	1805	ale-usb snd	-209	clg 204
6.565,00	514	unid	1801	ale-usb snd	-209	clg 244
6.575,00	1807	unid	1657	ale-usb snd	-409	
6.575,00	1808	unid	1647	ale-usb snd	-409	
6.575,00	9v70	singapore navy rss steadfast, sng	1811	ale-usb snd	-109	clg "cn3"
6.577,00	---	new york radio riverhead, usa	2125	usb	-309	wkg "jet blue774"; qsys to 3455 khz
6.579,00	db1	unid	1728	ale-usb snd	-409	tfc kry
6.583,00	4022	unid "x001-net"	2240	ale-usb snd	-109	also snd by 3001, 4001, 5001, 6001, 7001
6.583,00	6013	unid "x001-net"	2250	ale-usb snd	-109	
6.583,00	9015	unid "x001-net"	2100	ale-usb snd	-109	
6.586,00	---	new york riverhead air car, usa	712	usb	-109	wkg 'canadian 3...'
6.586,00	---	new york radio riverhead, usa	455	usb	-209	wkg aor mexico 001for position report
6.588,00	343	unid	30	ale-usb snd	-209	to 822 & unid to 371
6.589,00	11	arinc albrook, pnr	554	hfdl 300/2400	-409	squitters
6.596,00	14	krasnoyarsk air, rus	51	acars	-309	squitters
6.596,00	c20002	czech airforce airbus a319-115x cj #2801,	2325	hfdl	-209	wkg krasnoyarsk
6.596,00	f-orma	middle east airlines flt me0209 a330	56	hfdl	-109	posrep via krasnoyarsk 3605n 03354e
6.596,00	g-voge	virgin atlantic a340 'cover girl' flt	56	hfdl	-109	posrep 2947n 02150e
6.600,00	---	unid	625	nato-100 100/850	-109	encrypted/chipher
6.600,00	---	unid cis ptt	607	cis-arq 100/1000	-209	encrypted/chipher
6.604,00	---	new york volmet radio riverhead, usa	2135	usb	-109	wx
6.604,00	---	gander volmet radio, can	2140	usb	-109	wx
6.604,20	---	unid	1745	pactor-1	-209	tfc end "uüüüü33uuu" =bin or encrypted
6.604,20	tno	unid	1540	pactor	-409	clg/wkg 123 ^ #ftype #fdate 2r+\rh*
6.607,00	---	unid	1605	pactor-?	-1208	tfc, encrypted/chipher
6.610,00	wuuf	unid	621	cw	-209	clg/wkg "iiv4"
6.611,75	---	unid	1813	hc-arq 240/170/60block	-209	tfc kry
6.617,00	---	rostov na donu volmet, rus	625	usb	-109	wx rus

6.617,00	---	sankt peterburg volmet, rus	2205	usb	-109	wx rus
6.617,00	---	moskva volmet, rus	1710	usb	-109	wx rus
6.618,00	---	israeli navy	2001	usb/39-tone modem hybrid	-309	encrypted/chipher
6.622,00	---	gander radio gander air nat-f, can	1708	usb	-109	tfc ing
6.623,00	---	unid	725	ale-usb snd	-209	tfc kry simplex
6.623,00	---	unid	627	ale-usb snd	-209	encrypted/chipher simplex protetcted link
6.628,00	---	santa maria radio, azr	459	usb	-309	wkg "speedbird 21 5."
6.628,00	---	new york radio riverhead, usa	348	usb	-309	wkg "martinair 665" for routing to eham
6.628,00	n222lx	us biz jet "lexair 2001 trust" gulfstream v	1510	usb	-309	wkg santa maria, s/c ep-dr
6.628,00	xa-erh	sirvair vrs flight gulfstream iii	1510	usb	-309	wkg santa maria
6.629,00	---	unid rus/cis military	530	mpsk-12/usb	-409	encrypted/chipher
6.629,00	3046	unid	2159	ale-usb snd	-309	
6.631,00	aa1	103 sqn israeli air force ben gurion, isr	2139	ale-usb snd	-109	
6.631,00	aa1	af tel aviv, isr	1955	ale-usb snd	-209	this was aa1
6.631,00	aa2	israeli air force, isr	1728	ale-usb snd	-409	
6.631,00	aaa	israeli air force ncs	1810	ale-usb snd	-109	
6.631,00	k45	unid israeli air force aircraft	1008	ale-usb snd	-409	earlier aaa to k4 5
6.631,00	m60	israeli air force aircraft	1728	ale-usb snd	-309	
6.631,50	---	dtn/dtntam, alg	1911	pactor-1	-409	calling tinza tin zaouatine
6.631,50	---	unid algerian/tamanrasset province net, alg	648	pactor-2	-209	sx tfc after pactor-1 calling tinz
6.634,70	---	egyptian embassy kampala, uga	1842	arq 100/170/atu-80	-209	wkg cairo
6.635,00	4111	nigerian police, nig	1811	ale-usb snd	-109	clg "4111"
6.635,00	4112	nigerian police, nig	2227	ale-usb snd	-109	
6.635,00	4113	nigerian police, nig	2143	ale-usb snd	-109	clg "411411"
6.635,00	411411	nigerian police, nig	1756	ale-usb snd	-209	clg "411415"
6.635,00	411412	nigerian police, nig	2051	ale-usb snd	-209	clg "411411"
6.635,00	411413	nigerian police, nig	2133	ale-usb snd	-109	clg "411411"
6.635,00	411414	nigerian police, nig	1803	ale-usb snd	-209	clg "411411"
6.635,00	411415	nigerian police, nig	1718	ale-usb snd	-109	
6.637,00	karachi	pia karachi ldoc, pak	1913	usb	-409	wkg "201" flight fm lahore to dammam
6.640,00	---	new york radio riverhead arinc, usa	51	usb	-309	tfcing/selcall
6.644,00	18sg296	unid prb pirate station	1818	rtty 45,45bd/170hz	-109	"cq cq de 18sg296 18sg296 18sg296 pse k"
6.649,00	---	atlantico recife/guararapes acc sam, b	620	usb	-309	wkg 'iberia..'
6.649,00	---	unid	621	ale-usb snd	-309	encrypted/chipher simplex protetcted link
6.650,00	fl553	french "echo-charley band" pirate	1450	sstv/ham-drm/lsb	-209	wkg fl68, waterfall op-chat
6.650,00	jp74	french "echo-charley band" pirate op sylvain	1515	sstv/scottie-1/lsb	-209	wkg brocanteur
6.650,00	palo5	echo-charlie band pirate	1605	ham-drm/mode b/l/qam 16 2,50khz/lsb	-109	file transfer "clip.rs2"
6.650,50	109ha415	echo-charlie band pirate, hng	1516	cw	-109	cq-mkr "cq de 109ha415 qth hungary"
6.652,00	16	agana air, gum	1655	hfdl	-409	squitters
6.655,00	---	chennai air, ind	1900	usb	-309	calling singapore 327 selcalbjmr 9v-svm
6.655,00	albatha	saudi arabian border guard, ars	1945	ale-usb snd	-109	
6.655,00	alkhairan	saudi arabian border guard al khiran, ars	1916	ale-usb snd	-109	
6.655,00	alsohma	saudi arabian border guard ars	1910	ale-usb snd	-109	
6.655,00	dammam	sabg ad dammam, eastern prov.emirate, ars	100	ale-usb snd	-109	

6.655,00	erda	saudi arabian border guard ardah, ars	1905	ale-usb snd	-109	clg "thabalot"
6.655,00	manjor	saudi arabian border guard, ars	1921	ale-usb snd	-109	
6.655,00	omalzomo	saudi arabian border guard	1800	ale-usb snd	-209	
6.655,00	ommeleh	saudi arabian border guard	1800	ale-usb snd	-209	
6.655,00	rffo	russian military "rffx-net"	553	cw	-209	dx wkg rffn fr qsa
6.655,00	shbeta	saudi arabian border guard shabeetah, ars	2041	ale-usb snd	-209	
6.655,00	thabalot	saudi arabian border guard thabalot airport ?	2300	ale-usb snd	-109	
6.655,00	umalhatat	saudi arabian border guard	2000	ale-usb snd	-209	
6.656,00	g5a	unid	547	ale-usb snd	-109	to 54g w/lqa
6.659,00	---	unid	1845	usb	-409	tfc ara simplex
6.659,00	---	nato tadil modem	2205	link-11/isb	-209	fleet air defence data two channels
6.661,00	4	new york radio riverhead, usa	2144	hfdl	-109	squitters 2157,2216 squitters
6.661,00	ava001	unid avianca aircraft	2159	hfdl	-209	posrep via riverhead 1253n 06002w
6.661,00	g-veil	virgin atlantic a340 "queen of the skies"	2145	hfdl	-309	posrep 4454n 06718w
6.661,00	g-vwkd	virgin atlantic a340 "miss behavin"	2145	hfdl	-309	posrep 4746n 04617w via riverhead
6.661,00	n12114	continental b757	2316	hfdl	-409	logs on to riverhead
6.661,00	n277up	ups md-11	2236	hfdl	-209	logs from riverhead
6.661,00	n663us	northwest b747 flt nwa68	2321	hfdl	-409	posrep via riverhead 4552n 06949w
6.661,00	n77019	continental b777 flt coa84	2239	hfdl	-209	posrep 4440n 06047w
6.665,00	---	unid rus/cis military	736	81-81 40.5/250	-109	encrypted/chipher
6.666,00	---	unid northern african net	205	usb	-109	sx om arab/vn/ff, msgs and op-chat
6.671,70	sse	mfa cairo, egy	716	arq 100/170/atu-80	-109	clg {oovy}
6.676,00	---	sydney/llandilo volmet, aus	1800	usb	-109	wx
6.676,00	---	bangkok volmet, tha	1810	usb	-109	wx 'this is bankok volmet'
6.676,00	---	brisbane volmet	802	usb	-109	yl
6.676,00	---	kolkata volmet, ind	1837	usb	-309	ee male voice with metarkolkata
6.676,00	---	indian volmet calcutta, ind	1835	usb	-109	wx 'this is calcutta volmet'
6.676,00	---	singapore volmet jurong, sng	1750	usb	-209	wx 'brodcast end singapore radio out"
6.676,00	---	mumbai volmet, ind	1755	usb	-209	wx
6.676,00	axq429	australian volmet ningi, aus	1731	usb	-209	female voice reading metar
6.676,00	hsd	bangkok volmet	1713	usb	-109	eng yl
6.679,00	---	hong kong volmet cape d'aguilar, hkg	1815	usb	-109	wx
6.679,00	zkak	auckland volmet, nzl	853	usb	-109	english male computer voice reading metar
6.681,00	1114	unid	1657	ale-usb snd	-209	
6.685,00	---	unid rus/cis	701	usb	-309	clg/wkg .. /tfc russimplex
6.685,00	---	moskva air, rus	558	usb	-409	russian tfc
6.685,00	cwc 430	unid flight	235	usb	-409	om/ee-accented clg unid control no joy
6.690,00	---	unid	1642	usb	-409	tfc ara simplex
6.690,00	66	unid	1016	usb	-309	om/ee clg 69, no joy
6.690,10	lkmzok021	macedonia army, mkd	1014	ale-usb snd	-409	to gs021d0110
6.690,60	---	unid	1659	fsk 250/170	-109	encrypted/chipher
6.691,00	xss	dhfcs forest moor, g	1741	ale-usb snd	-109	snd 1811
6.692,00	---	unid nato stn	1416	nato-75 75/850	-109	blocks of kg84 traffic, ship input freq ?
6.693,00	---	yeniseysk/tyumen volmet, rus	1820	usb	-109	wx rus

6.693,00	---	kuybyshev/samara volmet, rus	1715	usb	-109	wx rus //2969,0 1645,2145 wx rus
6.697,00	8gs	unid raf ac, g	1435	usb	-509	mkl this is 8gs one immerdiate
6.697,00	furlough	with eam	218	usb	-509	
6.697,00	ken 567 ?	royal air force/royal navy aircraft	1140	usb	-309	wkg mkl
6.697,00	mkl	royal air force northwood, g	1435	usb	-509	qso with 8gs
6.699,90	cyrano 204	french air force e-3f aircraft #204/36-cd	1129	usb	-309	om/ff clg veilleur ccoa taverny
6.700,00	5921	unid	2048	ale-usb snd	-109	
6.700,00	7111	nigerian police, nig	1948	ale-usb snd	-109	snd 2011
6.700,00	711712	nigerian national police force, nig	2223	ale-usb snd	-209	clg711711
6.700,00	711712	nigerian police, nig	1704	ale-usb snd	-109	clg "711711"
6.700,00	711713	nigerian police, nig	1821	ale-usb snd	-109	clg "711711"
6.700,00	711715	nigerian police, nig	1903	ale-usb snd	-109	clg "711711"
6.700,40	---	unid	609	fsk 250/170	-209	encrypted/chipher
6.701,00	---	unid	306	usb	-409	om/aa relay of a record
6.702,60	---	unid	1756	fsk 250/170	-209	encrypted/chipher simplex
6.704,50	dyanaqyada	iraqi military diyanah, irq ?	1542	ale-usb snd	-509	clg "erbilqyada1"
6.704,50	erbilqyada	unid	1830	ale-usb snd	-509	clg sulyqyada1
6.704,50	sulyqyada	iraqi military sule, irq ?	1600	ale-usb snd	-509	clg "dyanaqyada1"
6.705,00	411	nigerian police, nig	2116	ale-usb snd	-109	clg "511" incomplete call ??
6.705,00	5111	nigerian police, nig	1716	ale-usb snd	-109	
6.705,00	5112	nigerian police/moi-net	2230	ale-usb snd	-409	later snd by 511513, 51151 6.
6.705,00	5113	nigerian police, nig	1719	ale-usb snd	-109	clg "5111"
6.705,00	5115	nigerian police, nig	1715	ale-usb snd	-1208	clg "5111"
6.705,00	511512	nigerian national police force, nig	2141	ale-usb snd	-209	
6.705,00	511514	nigerian police, nig	1951	ale-usb snd	-109	clg "511511"
6.705,00	511515	nigerian police, nig	2031	ale-usb snd	-109	clg "511511"
6.705,00	511516	nigerian national police force, nig	2321	ale-usb snd	-209	clg511511
6.705,00	511518	nigerian police, nig	1826	ale-usb snd	-109	
6.705,00	528	nigerian police, nig	2009	ale-usb snd	-109	clg "511511" incomplete call ??
6.706,00	xss	defence hf comm service-ncs forest moor, g	1006	ale-lsb snd	-109	
6.707,00	iczspr	us navy sigonella, i	1654	ale-usb snd	-209	
6.710,00	aix	unid	1754	ale-usb snd	-509	clg "eqo"
6.710,00	glt	unid "glt/lel-net"	231	ale-usb snd	-209	to eqo
6.712,00	3	arinc reykjavik, isl	1440	hfdl 300/2400/usb	-1208	double slot uplink to n17139 / g-vfiz
6.712,00	3	reykjavik air, isl	1416	hfdl	-109	squitters
6.712,00	afa	us air force camp springs andrews afb, usa	537	usb	-409	eam broadcast 'this andrews'
6.712,00	circus vert	french air force villacoublay, f	1729	usb	-309	wkg"d4"/tfc fra/wx
6.712,00	fde	french air force	2043	usb	-409	fr d/x
6.714,00	92	singapore navy corvette "rss vigour 92 "	1936	ale-usb snd	-409	to cn5 changi naval base w/lqa
6.714,00	cn5	unid	2115	ale-usb snd	-409	clg "92"
6.715,00	adwspr	us sipri net gateway andrews afb, usa	2114	ale-usb snd	-109	

6.715,00	adwspr	us air force andrews afb camp springs, usa	633	ale-usb snd	-309	
6.715,00	aedspr	anchorage elmendorf afb, als	456	ale-usb snd	-309	
6.715,00	crospr	us air force croughton, g	604	ale-usb snd	-309	
6.715,00	guaspr	us air force andersen afb barrigada, gum	2121	ale-usb snd	-409	
6.715,00	hawspr	us air force wideawake, asc	658	ale-usb snd	-309	
6.715,00	hawspr	us sipri net gateway ascension island	2057	ale-usb snd	-209	plaspr-sipri gateway lajes azores
6.715,00	iczspr	us navy sigonella, i	728	ale-usb snd	-309	
6.715,00	jdgspr	us navy diego garcia, dga	2324	ale-usb snd	-309	
6.715,00	jdgspr	usaf diego garcia siprnet access node, dga	1653	ale-usb snd	-1208	
6.715,00	jnrspr	us navy salinas ab roosvelt roads, prt	655	ale-usb snd	-309	
6.715,00	jtyspr	us air force yokota, j	2138	ale-usb snd	-409	
6.715,00	offspr	us air force offut afb omaha, usa	2249	ale-usb snd	-309	
6.715,00	pla	us air force lajaes, azr	2234	ale-usb snd	-409	
6.715,00	plaspr	us air force sipri net gateway lajes, azr	2125	ale-usb snd	-409	
6.720,20	---	unid military	1648	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.721,00	150007	us air force aircraft, usa	2257	ale-usb snd	-409	
6.721,00	200175	us air force hf-gcs	1922	ale-usb snd	-209	to icz sigonella to cro croughton
6.721,00	460036	us air force aircraft, usa	2259	ale-usb snd	-409	
6.721,00	abcd	unid	512	ale-usb snd	-209	on hf-gcs frequencies
6.721,00	adw	us air force andrews afb camp springs, usa	2055	ale-usb snd	-109	
6.721,00	cro	us air force croughton, g	1858	usb	-109	clg/wkg lajes radio cecks
6.721,00	gbl	royal navy gibraltair, gib	2136	ale-usb snd	-109	
6.721,00	jdg	us navy diego garcia, dga	1832	ale-usb snd	-109	
6.721,00	jnr	us navy salinas ab roosvelt roads, ptr	1927	ale-usb snd	-109	
6.721,00	pla	us air force lajes, azr	2044	ale-usb snd	-109	
6.721,40	foxtrot lima	unid multinational military net	2130	usb	-409	om/ee dutch, italian, french etc
6.721,50	alfa whisky	unid multinational military net navy ?	1805	usb	-109	clg/wkg "fa"
6.721,50	foxtrot alfa	unid multinational military net navy ?	1758	usb	-109	clg "fl"
6.721,50	foxtrot delta	unid multinational military net navy ?	1812	usb	-109	clg/wkg "fa"
6.721,50	foxtrot lima	unid multinational military net navy ?	1758	usb	-109	wkg "fa"
6.721,50	foxtrot romeo	unid multinational military net navy ?	2320	usb	-409	om/ee clg foxtrot lima.
6.721,50	whisky	unid multinational military net navy ?	2320	usb	-409	om/ee clg alpha wiskey
6.722,00	---	unid	1720	ale-usb snd	-109	tfc kry simplex
6.722,00	---	unid	2059	ale-usb snd	-109	encrypted/chipher simplex protetcted link
6.724,00	vigia	spanish air force madrid/torrejon, e	854	usb	-409	clg "12"
6.725,00	22ssb	unid	1734	ale-usb snd	-409	clg "swat" 1756 clg "swat"
6.726,00	---	unid military	1757	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
6.726,00	---	unid military	1811	nato-75 75/850	-109	encrypted/chipher
6.730,00	---	tashkent volmet radio, uzb	1650	usb	-109	wx rus

6.730,00	---	unid	1816	usb	-309	arabic d/x
6.730,00	4di	german navy aircraft, d	1504	usb	-409	
6.730,00	aga02	italian navy aircraft, i	751	usb	-309	clg/wkg "singe"
6.730,00	dhj59	german navy wilhelmshaven/sengwarden, d	956	usb	-409	qso l3e
6.730,00	herakles	austrian airforce "fliegerhorst vogler", aut	1035	usb	-109	om gg/austr sx wkg jgp11 c-130k aircraft
6.730,00	l3e	german navy aircraft, d	956	usb	-409	qso dhj59 airborne etmn time 0936 over
6.730,00	larza01rs2	uzbek army, uzb	1751	ale-usb snd	-209	clg "radar90rs202"
6.730,00	primerose	danish air force karup, dnk	1659	usb	-209	tfc dan/clg ....
6.730,00	radar90rs2	uzbek military, uzb	1656	ale-usb snd	-209	clg kulon01rs202
6.730,00	sfinge	italian air force catania/sigonella, i	751	usb	-309	wkg "daga02"
6.733,00	2hp	atl-1 ii acc ita	827	usb	-209	qso idr ops normal, agn 0930z
6.733,00	6zq	unid ac	1119	usb	-209	qso with idr ops normal
6.733,00	7ik	unid ac	1412	usb	-209	clg idr, ee acc qso ops normal 1410
6.733,00	clover	unid uk military	941	usb	-409	wkg tascom pp to military tel 948-73-3568
6.733,00	daga88	italian navy aircraft,i	1133	usb	-109	clg/wkg idr
6.733,00	dagga7	atlantic survey flight	1448	usb	-409	ita d/x c idr roma " malteseboat..."
6.733,00	delta romeo	italian navy rome, i	1133	usb	-109	tfc ita/ing
6.733,00	idr	italian navy rome, i	1133	usb	-209	clg 7ik for rc n.j 1214z licz at 1221 ??
6.733,00	isf43vp	raf l-1011 aircraft #ze704 khandahar	1625	usb	-109	wkg tascomm defence hf comm service
6.733,00	o6k	atl-2 french forces acc, f	855	usb	-209	qso idr ops normal
6.733,00	r2g	italian navy aircraft, i	756	usb	-309	clg/wkg roma
6.733,00	sleepy 22 ?	unid military aircraft/mpa ?	1115	usb	-309	om/ee french accent wkg idr
6.733,00	tascom	british raf	1815	usb	-109	wx this is tascom out'
6.733,00	u6v	nimrod mra,40 ee acc gbr 1001 qso idr	1020	usb	-209	off task 1004z eta sigonella
6.735,00	---	nato station	2038	nato-75 75/850 kg-84	-209	crypto intermittent ship input?
6.735,00	delta romeo	italian navy rome, i	1134	nato-75 75/850	-109	encrypted/chipher simplex
6.735,00	sse	mfa cairo, egy	1945	codan 16-tones/usb	-209	encrypted/chipher
6.735,10	gs021d21:	macadonian army unid general staff unit, mkd	855	ale-usb snd	-409	to lkmzok021d2131
6.735,60	mike alpha	unid, i	1600	usb	-209	calls idr which answers on 6733
6.736,00	aaa	israeli air force tel aviv, isr	2049	ale-usb snd	-209	
6.736,70	sse	mfa cairo, egy	1943	arq 100/170/atu-80	-209	tfc ara 1947 clg/wkg alger
6.739,00	---	andrews camp springs, usa	800	usb	-109	this andrews more follow stand by'
6.739,00	navy ln 763	us navy p-3c aircraft jacksonville, usa	2050	usb	-209	wkg lajes
6.742,00	aaa	ncs israeli air force tel aviv, isr	1841	ale-usb snd	-109	6742 6921 and 6992 khz
6.745,00	trout31	unid us air force aircraft, prob a kc-135r ?	2018	usb	-209	wkg "halifax military"
6.747,35	---	cis military, cis	1731	81-81/40.5/500	-509	encrypted/chipher
6.748,00	10250	unid prob turkish	1836	ale-usb snd	-309	
6.748,00	60	italian air force c-130j-30 aircraft	2038	ale-usb snd	-209	to charly46 46¦ brigata aerea hq
6.748,00	9850	unid	1838	ale-usb snd	-309	
6.748,00	aa1	103 sqn israeli air force ben gurion	2043	ale-usb snd	-209	

6.748,00	aa6	isr. air force tel aviv-ben gurion/lod ab	41	ale-usb snd	-309	
6.748,00	aaa	ncs israeli air force tel aviv, isr	2122	ale-usb snd	-109	6748 and 6631 khz
6.748,00	bb7	prob israeli air force, isr	2017	ale-usb snd	-309	
6.748,00	tsm	israeli air force, isr	1831	ale-usb snd	-309	
6.750,00	4111	nigerian national police force, nig	1637	ale-usb snd	-109	clg "411411"
6.750,00	411412	nigerian national police force, nig	1841	ale-usb snd	-109	clg "411411"
6.750,00	411413	nigerian national police force, nig	1653	ale-usb snd	-109	clg "411411"
6.750,00	411414	nigerian national police force, nig	1720	ale-usb snd	-109	clg "411411"
6.750,00	411415	nigerian national police force, nig	1842	ale-usb snd	-109	clg "411411"
6.750,00	4115	nigerian national police force, nig	1854	ale-usb snd	-109	snd 2014 clg "4111"
6.750,00	largo	unid italian	1132	usb	-209	om/ii sx wkg "martina franco ?
6.750,00	sse	mfa cairo	1708	qpsk codan-16/75 bd	-1208	wkg sx belgrad, arq on 6751,7 khz
6.751,00	dod cape	shuttle srb retrieval	1430	usb	-509	dod tells freedom star they can hear him
6.751,00	freedom star	shuttle srb retrieval	1257	usb	-509	after comms on 10780 khz usb and 5711 khz usb
6.751,70	sse	mfa cairo, egy	1706	arq	-1208	s/c qqtq belgrad & sx atu80 op-chat
6.754,00	---	trenton volmet trenton, can	740	usb	-109	wx
6.754,00	---	canadian macs volmet, can	421	usb	-409	sgdx
6.754,00	dragon01	german navy, unid mpa aircraft of "mfg3"	1133	usb	-109	clg dhj78 marinefliegergeschwader 3
6.755,00	107	unid	1605	ale-usb snd	-409	to 108 w/lqa who replied into "110"
6.755,00	124	unid station	1813	ale-usb snd	-409	calling 108
6.755,00	450	unid station	1807	ale-usb snd	-409	calling 707
6.755,50	---	unid spanish	1102	pactor-2	-309	tfc & pactor-1 clg :ear2d2 clg :ea8grg
6.757,00	bj45	algerian military	2339	ale-usb snd	-409	to fs50 w/lqa
6.758,40	je21	algerian military	2342	ale-usb snd	-409	to fs20 w/lqa
6.758,40	qm21	algerian military	2344	ale-usb snd	-409	to fs20 w/lqa
6.758,40	tp21	algerian military	2342	ale-usb snd	-409	to fs20 w/lqa
6.759,00	mkl	royal navy northwood, g	1136	nato-75 75/850	-109	encrypted/chipher
6.760,00	fpi	french navy/naval air st assise&control net	1110	usb	-309	om/ee id as "pi" wkg h0t brit.accent ?
6.761,00	adw	us air force andrews afb camp springs, usa	2024	usb	-109	wkg "reach2058" simplex
6.761,00	piston 13	macdill afb kc-135r 927arw	1510	usb	-309	wkg "grits 31" c-17a, charleston afb
6.761,70	---	algerian customs	2028	pactor-1	-409	calling ada
6.761,70	7ra	dgd alger customs, alg	1810	pactor	-309	tfc fra/ara custom alphabet relay msgs
6.761,70	rbe	unid prob algerian	1840	pactor-1	-209	calling ada ,ada reply 100hz higher
6.761,80	ada	unid prob algerian	1830	pactor-1	-209	tfc no latin tx tor bin/ encryp
6.764,70	dhj59	german navy wilhelmshaven/sengwarden, d	1759	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.765,00	---	rus/cis military	730	mpsk-12/ms-5/usb	-109	encrypted/chipher
6.765,00	222	unid	2022	ale-usb snd	-1208	
6.765,00	2222	unid	1819	ale-usb snd	-109	snd 0131
6.765,00	5555	unid prob moroccan	425	ale-usb snd	-409	
6.765,00	6111	nigerian police, nig	1703	ale-usb snd	-1208	clg "611611"
6.765,00	6114	nigerian police, nig	130	ale-usb snd	-109	
6.765,00	6115	nigerian police, nig	1826	ale-usb snd	-109	
6.765,00	611611	nigerian police, nig	1805	ale-usb snd	-109	clg "611616"

6.765,00		611612	nigerian police, nig	2320	ale-usb snd	-109	clg "611611"
6.765,00		611615	nigerian police, nig	1807	ale-usb snd	-109	clg "611611" 0157
6.765,00		611616	nigerian police, nig	1810	ale-usb snd	-109	clg "611611"
6.765,00		972	unid	13	ale-usb snd	-109	clg "779" 0031 clg "779"
6.765,00	aat3bf		us army mars newark, usa	319	ale-usb snd	-109	
6.765,00	tns		algerian embassy, tun	1519	ale-lsb	-409	to mae1 mfa algiers
6.765,10	hsw		bangkok meteorological radio, tha	1847	usb	-209	
6.768,00	---		unid	626	cw	-109	tfc/gr a)
6.768,00		111	unid	1753	ale-usb snd	-109	send msgs to "131"
6.768,00		112	unid	1826	ale-usb snd	-109	clg "111"
6.768,00		131	unid	1752	ale-usb snd	-109	send msgs to "111"
6.768,00	k64i		unid	704	cw	-109	clg/wkg "jghv"
6.770,00		111	unid chn-net ?	1315	ale-usb snd	-1208	to 112 w/lqa
6.770,00	icz		us navy sigonella, i	1631	ale-usb snd	-209	1953
6.770,00	kph		prob lithuanian air national guard krasto	1145	ale-usb snd	-109	to r8n who replied
6.770,00	muc		rohde & schwarz hq munich, d	2030	ale-usb snd	-409	
6.770,00	r1n		lithuanian voluntary national defence forces	1125	ale-usb snd	-209	to kph hq vilnius
6.770,00	r5n		unid	1348	ale-usb snd	-309	[to] r1n.5th territorial unit
6.770,00	sse		mfa cairo	1547	codan 16/75/	-1208	qpsk bursts
6.770,00	station3		rhode & schwarz, d	1338	ale-usb snd	-1208	clg station5
6.771,00	mali		albanian military	1701	ale-usb snd	-209	clg drini
6.771,00	sse		mfa cairo	1659	qpsk codan-16/75/	-1208	bursts
6.771,50	---		unid south american, argentine ?	35	usb	-209	om/ss msgs in line format
6.771,70	---		egyptian embassy kuwait city, kwt	1734	arq 100/170/atu-80	-309	wkg cairo
6.771,70	---		egyptian embassy khartoum, sdn	1930	arq	-409	wkg sx unid w/atu-80 msg "j-g kdbfc%"
6.771,70	---		dgmg london, g	1710	arq 100/170/atu-80	-109	wkg cairo 'from london to 71'
6.771,70	sse		mfa cairo, egy	1952	arq 100/170/atu-80	-109	clg/wkg paris 'from 71 to paris'
6.772,00	---		unid nato station	1915	nato-100 100/850	-309	intermittent message blocks kg-84
6.772,00	---		unid rus/cis military	1709	fsk 50/250	-109	encrypted/chipher
6.772,70	---		egyptian embassy athens, grc	1527	arq	-1208	s/c ssuo & ssbb mfa cairo
6.773,00	043merca|	civil air patrol	1331	ale-usb snd	-509	
6.773,00		5001	unid	0	ale-usb snd	-409	
6.773,00	base		unid	0	ale-usb snd	-409	
6.773,?0	---		unid, russia?	1210	unid-psk?-mode 45-tones	-1208	1st abt +440hz, spaced abt 62hz
6.775,00	---		cis ptt	1753	rus-75 75/250	-109	encrypted/chipher
6.775,00	sse		mfa cairo, egy	645	codan 16-tones/usb	-109	encrypted/chipher
6.775,50	7rq20		mfa alger mae, alg	1003	skyfax/lsb	-209	send msgs to tunis
6.775,50	7rq20		mfa alger mae, alg	928	ale-lsb	-209	clg "rbt"
6.775,50	tns		algerian embassy tunis, tun	920	ale-lsb	-209	clg "rbt"
6.776,00	---		unid cis "governmental"	556	rtty 50/500	-209	5fgs with "=50=" separator
6.776,00	---		unid	557	rtty 50/500	-509	gr(n mark every 50 groups qtr at end use gmt
6.776,00		5001	unid	0	ale-usb snd	-409	
6.776,00	base		unid	2246	ale-usb snd	-409	
6.776,20	---		unid military	1647	stanag-4285/600l/5n1/usb	-309	continuos tfc kry

6.776,50	afa2da	us air force deland mars, usa	2145	pactor	-509	wkg afc1mc
6.776,50	afa3os	us air force mars, usa	2255	pactor	-509	wkg afc1mc
6.776,50	afb1la	us air force mars, usa	2135	pactor	-509	wkg afc1mc
6.776,50	afb1mc	unid us air force mars, tpn	1	pactor-1	-209	calling afa2da, calling afa4gf
6.776,50	afb2mc	us air force mars, usa	20	pactor	-509	tfc ing '25462 b# 4386 prop afb2mc solar
6.776,50	afb3mc	us air force mars, usa	2139	pactor	-509	wkg afc1mc
6.776,50	afb5mc	us air force mars, usa	2240	pactor	-509	wkg afc1mc
6.776,70	sse	mfa cairo, egy	2036	arq	-1208	atu80 tfc & s/c qqtq belgrad
6.776,70	sse	mfa cairo, egy	1923	fec 100/170/atu-80	-209	tfc ara
6.777,00	---	unid russian "governmental"	2222	rtty 200/500	-409	marker "00000++++++++++162 5761"
6.777,00	---	egyptian diplo	1639	codan 16-tones/usb	-209	encrypted/chipher
6.777,00	sse	mfa cairo	1659	qpsk codan-16 75/	-1208	bursts
6.777,20	dhj59	german navy wilhelmshaven/sengwarden, d	1945	usb	-309	confirming stanag-4285 traffic from drax
6.777,20	drao	fgs l�beck f214, d	1325	usb	-109	clg dhj59 n.j eav on the way
6.777,20	drax	navy sailing ship gorch fock	1947	stanag-4285/600l/3300	-309	data traffic followed by voice
6.777,20	dreu	navy ship sulzbach rosenberg	1959	stanag-4285/600l/3300	-309	data traffic followed by voice
6.777,20	drev	fgs bad bevensen m1063, d	945	usb/stanag4285	-209	
6.777,20	drnn	gn diver-training ship "fgs langeoog"	1115	usb	-209	sx om/ee wkg dhj59 wilhelmshaven
6.777,90	2010	unid	1709	usb	-209	tfc ??? simplex with beep
6.777,90	2016	unid	1714	usb	-209	tfc ??? simplex with beep
6.777,90	2017	unid	545	ale-usb snd	-409	
6.777,90	2017	unid	545	usb	-409	tfc ??? simplex with beep
6.777,90	4015	unid	2037	ale-usb snd	-209	
6.777,90	4016	unid	2106	ale-usb snd	-209	
6.777,90	4017	unid	2047	ale-usb snd	-209	
6.777,90	9850	unid	1802	ale-usb snd	-209	
6.777,90	9857	unid	1647	ale-usb snd	-209	
6.778,00	2010	turkish red crescent, tur	1852	ale-usb snd	-309	clg 2012
6.778,00	2016	turkish red crescent emerg. operations net	1519	ale-usb snd	-309	to 2014 w/lqa who reply into short usb
6.778,00	4011	prob kellog brown root inc net, irq	1850	ale-usb snd	-109	
6.778,00	4012	red crescent, tur	1948	ale-usb snd	-309	
6.778,00	4016	tur. red crescent? emergency operations net	2206	ale-usb snd	-109	later snds by 4013, 4015, 2012, 2013
6.778,00	9857	turkish red crescent, tur	1947	ale-usb snd	-409	
6.778,70	---	egyptian embassy	1657	fec 100/170/atu-80	-209	tfc ara
6.778,70	---	egyptian diplo	1813	arq 100/170/atu-80	-109	tfc ara/s-off
6.779,00	---	rus/cis military	727	fsk 100/500	-309	encrypted/chipher
6.780,00	---	russian "governmental service" of	2140	am/usb "mazielka" 6-tone	-209	special comms and info sssi", diplo ? clg
6.780,00	---	unid russian "governmental"	617	rtty 100/500	-209	5lgs intoop-chat in fsk/cw "cfm k"
6.780,00	---	egyptian diplo	1803	qpsk codan-16 75/	-1208	after op-chat on arq on 6781,7 khz
6.780,00	sse	mfa cairo, egy	1651	codan 16-tones/usb	-109	send msgs to beograd
6.781,00	---	unid	615	fsk-cw	-109	tfc
6.781,00	---	unid	610	rtty 100/500	-109	gr (a)
6.781,20	---	unid	1313	stanag-4285/1200l	-309	encryted british military ?
6.781,70	sse	mfa cairo, egy	1648	arq 100/170/atu-80	-109	clg/wkg beograd

6.782,00	---		unid rus/cis military	606	rus-75 75/250	-209 encrypted/chipher
6.782,00	---		unid	606	cw	-209 gr (n)ttt ttt at end
6.782,00	fav22		french army mont valerien, f	1849	cw	-409 gr (a)
6.783,00		2760	unid	259	ale-usb snd	-309
6.785,00	---		unid rus/cis military	652	fsk 100/500	-109 encrypted/chipher
6.785,00		1010	unid	0	ale-usb snd	-309
6.785,00	jpq		lithuanian navy klaipeda, ltu	649	ale-usb snd	-109 clg "jpnet"
6.785,00	sse		mfa cairo, egy	2134	qpsk codan-16 75/	-1208 bursts
6.786,00	---		unid	1309	stanag-4285/1200l	-309 encryted
6.786,70	---		egyptian embassy bern, sui	1924	arq 100/170/atu-80	-209 wkg cairo 6776,7
6.786,70	---		unid egytian diplo ?	1940	arq	-209 s/off with "ods 0836 ky ky"
6.786,70	sse		mfa cairo, egy	1556	arq	-1208 s/c tvvm kuwait & tvxf madrid into fec
6.787,00	---		unid, prob cis governmental	1845	rtty 200/500	-309 msgs
6.787,00	---		fapsi	101	fsk-cw	-309 tfc
6.787,00	---		fapsi	57	rtty 100/500	-309 gr (n)'11100 8010400000 12111 05009'
6.787,70	sse		mfa cairo, egy	1552	fec atu80	-1208 msg ", jg kdcfusg 8876" & s/c xbvx
6.788,50	---		unid	619	fsk 100/170	-309 encrypted/chipher
6.789,00	---		unid rus/cis military	603	rus-75 75/250	-209 encrypted/chipher
6.789,00	---		unid	1651	usb	-209 tfc ara simplex with beep
6.789,00	---		unid rus/cis military	1845	mpsk-12/usb	-109 encrypted/chipher
6.789,00		0	unid	1911	ale-usb snd	-209
6.789,00		0	unid iraqi net	1909	ale-usb snd	-209
6.789,00		11	unid	1925	ale-usb snd	-209
6.789,00		1101	unid	1954	ale-usb snd	-209
6.789,00		1111	unid	417	ale-usb snd	-209
6.789,00		1112	unid	2034	ale-usb snd	-209 clg "7444"
6.789,00		1410	unid iraqi net	1637	ale-usb snd	-209 clg 1515
6.789,00		1501	unid	1753	ale-usb snd	-209
6.789,00		1505	unid	1914	ale-usb snd	-209
6.789,00		1511	unid	1944	ale-usb snd	-209
6.789,00		1542	unid	2046	ale-usb snd	-209
6.789,00		1548	unid	2137	ale-usb snd	-209
6.789,00		1577	unid	510	ale-usb snd	-209
6.789,00		1579	unid	1750	ale-usb snd	-209
6.789,00		1591	unid	1922	ale-usb snd	-209
6.789,00		1601	unid iraqi net	1721	ale-usb snd	-209
6.789,00		1651	unid	431	ale-usb snd	-209 clg "1653"
6.789,00		1653	unid	431	ale-usb snd	-209 clg "1651"
6.789,00		1656	unid iraqi net	1655	ale-usb snd	-209
6.789,00		1661	unid iraqi net	1747	ale-usb snd	-209 clg 1411
6.789,00		20	unid	2102	ale-usb snd	-209
6.789,00		210	unid	46	ale-usb snd	-209
6.789,00		212	unid	1945	ale-usb snd	-209
6.789,00		2620	unid iraqi net	2210	ale-usb snd	-209

6.789,00	2621	unid iraqi net	1701	ale-usb snd	-209	
6.789,00	4024	unid	1914	ale-usb snd	-209	
6.789,00	4066	kellog brown root inc net, irq	2052	ale-usb snd	-209	
6.789,00	4400	unid	1821	ale-usb snd	-209	
6.789,00	7005	unid	1938	ale-usb snd	-209	
6.789,00	7010	unid	1651	ale-usb snd	-209	clg "8866"
6.789,00	73222	unid	1916	ale-usb snd	-209	
6.789,00	7417	unid iraqi net	2011	ale-usb snd	-209	
6.789,00	7440	unid	1833	ale-usb snd	-209	clg "1112"
6.789,00	7444	unid iraqi governmental net	1802	ale-usb snd	-409	to 4444 w/lqa on 6902,50 & 6881,50 khz
6.789,00	7446	unid	2013	ale-usb snd	-209	
6.789,00	7448	unid	635	ale-usb snd	-209	
6.789,00	7455	unid	601	ale-usb snd	-209	
6.789,00	8802	unid	1740	ale-usb snd	-209	
6.789,00	8822	unid	1919	ale-usb snd	-209	
6.789,50	437805	unid "arab/437xxx-net"	345	ale-usb snd	-409	later snd by 9200
6.789,70	sse	mfa cairo, egy	1553	arq	-1208	s/v xbvx unid)
6.790,00	---	unid	608	usb	-409	tfc ara simplex with beep
6.790,00	---	unid	1713	usb	-409	tfc gre simplex
6.790,00	sp1oz2	unid	1854	ale-usb snd	-309	
6.790,00	sse	mfa cairo, egy	1855	codan 16-tones/usb	-109	encrypted/chipher
6.791,00	---	unid	705	fsk 200/1000	-209	encrypted/chipher
6.791,70	sse	mfa cairo, egy	1902	arq 100/170/atu-80	-109	tfc ara
6.792,00	210188	greek police, grc	1843	ale-usb snd	-509	
6.792,00	210501	greek police, grc	1913	ale-usb snd	-109	
6.792,00	210503	greek police, grc	1858	ale-usb snd	-509	
6.792,00	210588	greek police/moi-net	222	ale-usb snd	-409	
6.792,00	211088	greek police/moi-net	2329	ale-usb snd	-409	
6.792,00	210688	british rc police	2026	ale-usb snd	-109	
6.792,00	2525	unid arab "252x-net"	1749	ale-usb snd	-1208	to 2526 w/lqa who replied into short usb
6.792,00	2526	unid	2052	ale-usb snd	-209	
6.792,00	2528	unid	1832	ale-usb snd	-109	clg "2527"
6.795,00	---	mfa cairo, egy	1721	usb/codan 16 tone modem	-1208	traffic with belgrade
6.795,00	---	cis ptt	928	cis-arq 100/500	-109	encrypted/chipher
6.795,00	106001	unid "1ff00f-net"	1805	ale-usb snd	-409	
6.795,00	123456	unid	2006	ale-usb snd	-309	
6.795,00	130	unid	2012	ale-usb snd	-309	incomplete call ?
6.795,00	130001	unid "1ff00f-net"	1809	ale-usb snd	-1208	
6.795,00	138	unid	0	ale-usb snd	-1208	to 180 completes? w/lqa
6.795,00	162001	unid "1ff00f-net"	0	ale-usb snd	-1208	
6.795,00	162002	unid "1ff00f-net"	2008	ale-usb snd	-309	
6.795,00	165001	unid "1ff00f-net"	1904	ale-usb snd	-409	
6.795,00	165002	unid "1ff00f-net"	1830	ale-usb snd	-1208	
6.795,00	201	unid	1943	ale-usb snd	-309	incomplete call ?

6.795,00	203	unid "20f/21f-net"	1830	ale-usb snd	-1208	[tis] snd; later snds by 213, 214
6.795,00	203	unid	1837	ale-usb snd	-209	incomplete call ?
6.795,00	2528	unid	1822	ale-usb snd	-209	clg "2527" 1835 clg "2527"
6.795,00	3341	ncs civil defence, tur	1955	ale-usb snd	-409	calling 3011 3062 3161 3211 325 1
6.795,00	3561	unid	2253	ale-usb snd	-309	
6.795,00	3651	unid turkish "3ff1/8ff1"-net	1805	ale-usb snd	-1208	later snds by 3031, 3061, 3062, 3161
6.795,00	3811	ncs civil defence, tur	1732	ale-usb snd	-309	
6.795,00	4061	ncs civil defence, tur	1850	ale-usb snd	-409	
6.795,00	8031	ncs civil defence, tur	1950	ale-usb snd	-409	
6.795,00	8061	ncs civil defence, tur	1927	ale-usb snd	-409	
6.795,00	8211	ncs civil defence, tur	1929	ale-usb snd	-409	
6.795,00	8341	8k net'!	2001	ale-usb snd	-409	
6.795,00	8351	unid	19	ale-usb snd	-309	
6.795,00	8601	unid	1930	ale-usb snd	-309	
6.795,00	9857	unid	2357	ale-usb snd	-309	
6.795,00	drini	unid albanian military/moi-police ? net	1830	ale-usb snd	-1208	to mali, bora
6.795,00	mali	albanian military	1700	ale-usb snd	-209	clg drini
6.796,00	twbg2	guardia civile girona, e	1918	ale-usb snd	-309	clg txx2 madrid
6.796,00	twlc2	guardia civile cantabria, e	736	ale-usb snd	-509	clg "txx1"
6.796,00	twvs2	guardia civile salamanca, e	708	ale-usb snd	-509	clg "twve2" 0713 clg "twvo2" 0725 clg "txx2"
6.796,00	txx1	guardia civile madrid, e	909	ale-usb snd	-509	clg "twlc2"
6.796,00	txx2	guardia civile madrid, e	1710	ale-usb snd	-309	clg twva2
6.796,00	tzsm2	guardia civile malaga, e	829	ale-usb snd	-509	clg "txx1"
6.796,70	sse	mfa cairo, egy	1910	fec 100/170/atu-80	-109	tfc ara
6.796,70	sse	mfa cairo, egy	1859	arq 100/170/atu-80	-109	clg/wkg algier 7778,7 5410,7
6.800,00	1201	unid	2023	ale-usb snd	-309	
6.800,00	555555	unid	1736	ale-usb snd	-309	
6.800,00	888888	unid	1811	ale-usb snd	-309	
6.801,00	9117	nigerian police, nig	2128	ale-usb snd	-209	
6.801,00	911911	nigerian national police force, nig	2151	ale-usb snd	-209	clg "911917"
6.801,00	911913	nigerian police, nig	1749	ale-usb snd	-209	clg "911911"
6.801,00	911917	nigerian national police force, nig	2151	ale-usb snd	-209	clg "911911"
6.802,00	---	unid	1747	cw	-109	gr(n '555 555 ,,,, gr ,, ttt ttt'
6.802,00	---	russian naval	1822	unid	-109	sat revs 50 idling
6.802,00	---	enigma's m12	1920	cw	-309	5f msg 30 wpm short 0 ends ttt ttt
6.805,20	---	british forces nicosia, cyp	1643	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
6.806,00	---	unid	632	cw	-409	gr (n)ttt ttt at end
6.806,00	gkm1pbr0	macedonia army main command post	1112	ale-usb snd	-209	to gkmzok027 main command post
6.806,00	gkmzok02	macadonian army main command post, mkd	1100	ale-usb snd	-409	to gkm1pbr027 main command post
6.806,00	jb13	algerian national guard, alg	952	ale-usb snd	-409	clg "fs10"
6.806,00	jb15	algerian national guard, alg	948	ale-usb snd	-409	clg "fs10"
6.806,00	jb18	algerian national guard, alg	949	ale-usb snd	-409	clg "fs10"
6.806,00	jb22	algerian national guard, alg	950	ale-usb snd	-409	clg "fs10"
6.807,00	qv	swedish army logistics "logistikf'rband"	1345	ale-usb snd	-209	to vv hq w/lqa who replied

6.807,00	sl	swedish army unid brigade, 2nd battalion		1215	ale-usb snd	-209	to vl battalion stuff unit & to vl3
6.807,00	t6z	unid 28-char eam		2349	usb	-309	tkx?60 and variations of same
6.807,00	vl	sa unid brigade, 2nd battalion, battalion, s		1215	ale-usb snd	-209	to sl 3rd co
6.807,00	vl12	sa unid brigade, 2nd battalion, s		1245	ale-usb snd	-209	to sl 3rd company
6.807,00	vl4	sa unid brigade, 2nd battalion, s		1310	ale-usb snd	-209	to sl 3rd company, rcvd amd & cfm
6.807,00	vl6	sa unid brigade, 2nd battalion, s		1230	ale-usb snd	-209	to sl 3rd company & rcvd amd & cfm
6.807,00	vv	swedish army logistics "logistikf'rband"		1342	ale-usb snd	-209	to vv19 unid hq "officer" & qv 1st
6.807,00	z0e	unid us military, navy ?		125	usb	-309	om/ee eams "tkzl3v", "tkx7vo"
6.809,00	fr5fem	fema battle creek, usa		519	ale-usb snd	-309	
6.809,00	va3fem	fema richmond, usa		528	ale-usb snd	-309	
6.809,00	wgy904/fc	fema thomasville, usa		617	ale-usb snd	-309	717
6.809,00	wgy906 fc6	fema denton, usa		613	ale-usb snd	-309	713
6.809,50	kamyanka 30 ?	unid, prob czech military		1132	usb	-309	om/cz ? wkg bayada 17 ? fr "telegram"
6.809,50	rubruk/dje- ?	polish military		1055	usb	-409	om/pp clg goronek xx, agreshat 54 etc
6.810,00	---	russian intel		1040	usb	-409	gr (n) rus
6.812,00	---	military		1639	nato 100/850	-209	encrypted/chipher
6.812,00	2001	unid		1948	ale-usb snd	-309	to 2002 & 2008 w/lqa
6.812,00	437843	unid "arab voice/4378nn-net"		2100	ale-usb snd	-309	
6.813,00	---	unid		1753	rus-75 75/250	-209	encrypted/chipher
6.813,80	---	saudi air forces, ars		1829	arq-e/46,2/170	-109	idle
6.814,50	---	unid, prob "coxxx-net" ?		1150	pactor-2	-309	tfc
6.814,50	---	unid		945	pactor	-409	clg 1005 clg
6.814,50	---	unid		821	pactor-3	-409	encrypted/chipher
6.815,00	---	unid		1755	stanag-4285/1200l/5n1/usb	-109	tfc kry
6.817,00	---	unid		704	cw	-209	tfc
6.817,00	---	unid		705	rtty 50/500	-209	ry/gr(n
6.818,00	---	navy, isr		1530	psk 2400bps	-209	isr ny no decode
6.818,50	---	unid		1811	ale-usb snd	-109	send blank message from 1811 to 2300
6.820,00	900	unid		2113	ale-usb snd	-409	
6.820,00	agurchik	moskva/chemeritevo air, rus		557	usb	-409	wkg "shpora"
6.820,00	omega50r	uzbek military		1652	ale-usb snd	-209	clg omega70rs1702p
6.820,00	omega70r	uzbek military, uzb		2206	ale-usb snd	-209	calling omega50rs1702p
6.820,00	rji30	rus/cis navy, rus		1646	cw	-109	wkg rmsb
6.820,00	rji69	rus/cis navy, rus		1655	cw	-109	wkg rmsb 'vv rmsb de rji69 rji69 qsa'
6.820,00	rjp32	rus/cis navy, rus		1651	cw	-109	wkg rmsb 'for rmsb fm rjp32= 0pt111'
6.820,00	rlap shpora	rostov na donu air, rus		544	usb	-409	clg/wkg "trenoga"
6.820,00	rmsb	ship rus rus/cis navy		1644	cw	-109	clg/wkg rji30
6.820,00	sisina	sinferopol air, rus		545	usb	-409	clg/wkg "trenoga"
6.820,00	trenoga	kharkov arm air, rus		544	usb	-409	wkg "shpora"
6.820,00	zadorny	voronez air, rus		600	usb	-409	clg/wkg "shpora"

6.821,00		7446	unid "iraqi governmental net"	1650	ale-usb snd	-409	to 7444 w/lqa
6.821,00	lzbh		unid bulgarian naval vessel	1105	usb	-209	om clg lzbw "lzbw(x3 lzbh(x2), prejom"
6.821,00	lzbx		unid bulgarian naval vessel	1403	usb	-309	om/bul sx wkglzbh unid
6.822,35	---		unid	1707	fec 100/170	-409	tfc kry
6.823,50	---		russian air defence	1315	cw	-209	
6.825,00	fav22		french army mont valerien, f	853	cw	-309	gr (a) /gr n 0900 vvv de
6.826,00	---		unid	756	usb	-109	tfc ara simplex whit beep
6.827,00	---		rn, prob northern fleet hq seweromorsk =rit	225	fsk-cw /200/fsk 50/200	-409	f "xxx xxx rlo rlo weter 3 po rajonam"
6.827,00	---		unid rus/cis military	622	rus-75 75/250	-309	encrypted/chipher
6.827,00	---		unid rus/cis military	2245	bee 36-50 50/200	-309	tfc kry
6.827,00	rit		rn north. fleet hq severomorsk, murmansk, rus	1437	cw	-409	wx-qtc "prognoz pogody" to rlo
6.828,00	---		russian air defence, rus	729	cw	-309	#ERROR!:parse
6.828,00	---		russian intel, rus	2004	rtty 200/500r/1,50 stopbit	-209	multifigure groups
6.830,00	---		cis ptt	752	cis-arq 100/500	-109	encrypted/chipher
6.830,00	---		unid rus/cis military	910	81-81 40.5/500	-409	encrypted/chipher
6.832,00	agat-144		ukranian military	1637	rtty 50/500	-209	tfc kry =kriptograma zlit=
6.833,00	---		unid trigraph	12	usb	-309	bcsting eam strings
6.834,00	gya		royal navy london, g	2228	fax 120/576	-309	wx fcst
6.835,00	---		unid	1648	ale-usb snd	-209	encrypted/chipher protected link simplex
6.835,00	---		unid military	1020	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
6.835,00	fav22		french army mont valerien, f	1645	cw	-209	gr (a)
6.835,35	---		unid	1743	fec 100/170	-209	tfc kry
6.837,00	---		unid	1850	fsk 200/1000	-309	encrypted/chipher
6.837,00	---		unid rus/cis military	1311	rus-75 75/250	-109	encrypted/chipher _
6.837,00	---		unid station	1850	fsk 200/1000	-309	pseudo random bitstreamacf=288
6.837,00	---		unid russian "governmental"	1203	rtty 50/500	-209	calling cont ".../581/581/581/..."
6.837,00		193	unid	2048	ale-usb snd	-109	clg "284" 2140,2147 clg "284"
6.838,00	---		unid "cis governmental"	510	rtty 50/500	-409	5fgs with "= 50=" separator after op-chat
6.838,00	0a		unid	1716	usb	-409	tfc ara/wx ing
6.838,00	n8 ?		unid	1716	usb	-409	wkg "0a"
6.838,20	---		french forces favier, f	721	arq-e3 192/400	-309	essai test 0655,2214 idle
6.840,00	ezi		mossad tel aviv, isr	1804	usb	-209	usb+carrier ezi callup then messages
6.840,00	ezi1		mossad tel-aviv, isr	1801	usb	-1208	yl with ezi1 call
6.840,00	ezi2		mossad tel aviv, isr	630	usb	-109	gr (a)
6.840,00	mq2m		unid	1719	cw	-409	clg/wkg "nq2m"
6.840,00	nyz		m89 chinese military ?	1723	cw	-309	vvv q2m de nyz signsoff with qsa ? k
6.841,00	---		unid	710	fsk 200/1000	-209	encrypted/chipher
6.841,00	---		unid rus/cis military	1707	mpsk-12/usb	-109	encrypted/chipher
6.841,00	---		unid rus/cis military	1753	bee 36-50 50/250	-109	tfc kry
6.841,00	t2z211		2-211 general supp. aviation battalion, irq	1949	ale-usb snd	-309	
6.841,00	tc152		us army, irq	2229	ale-usb snd	-109	
6.841,00	tc2149		2-149th general support battalion, irq	1805	ale-usb snd	-1208	
6.843,00	---		french air force	1737	usb	-309	test 'ceci, est une mission...'
6.843,00	1dv		unid iraqi air force station, irq	1740	ale-usb snd	-309	clg "igq"

6.843,00	3dv	unid iraqi air force station, irq	1809	ale-usb snd	-309	clg "modnet"
6.843,00	5dv	unid iraqi air force station, irq	1817	ale-usb snd	-309	
6.843,00	7dv1	unid iraqi air force station, irq	1902	ale-usb snd	-309	
6.843,00	anb	iraqi forces, irq	2159	ale-usb snd	-209	clg "1dv"
6.843,00	atc	iraqi forces, irq	2126	ale-usb snd	-209	clg "5dv1"
6.843,00	igq	ground forces hq, irq	1929	ale-usb snd	-409	calling 4dv
6.844,00	---	unid	1751	rus-75 75/250	-209	encrypted/chipher
6.844,00	---	unid	1805	fsk 50/250	-109	encrypted/chipher
6.844,00	---	rus/cis military	1808	mpsk-1212/usb	-109	encrypted/chipher
6.845,00	---	nato fleet air defence	1418	link-11/usb single-channel tadil	-109	
6.845,00	bn1	unid	445	ale-usb snd	-309	to mc1 & mc2 w/lqa
6.845,00	cs002	macadonian forces, mkd	1843	ale-usb snd	-109	clg rs0011
6.845,00	cs002a	macadonian forces, mkd	1135	ale-usb snd	-409	clg "rs006a"
6.845,00	cs002b	macadonian forces, mkd	1428	ale-usb snd	-409	clg "rs0012a"
6.845,00	rs0011	macadonian forces, mkd	756	ale-usb snd	-409	clg "cs002"
6.845,00	rs0013a	macadonian forces, mkd	1323	ale-usb snd	-409	clg "cs002b"
6.845,00	rs0014a	macadonian forces, mkd	1306	ale-usb snd	-409	clg "cs002b"
6.845,00	rs002a	unid	1018	ale-usb snd	-1208	clg "cs002a"
6.845,00	rs006a	macadonian forces, mkd	1135	ale-usb snd	-409	send msgs to "cs002a"
6.846,00	113	unid	152	ale-usb snd	-109	to 164 w/lqa who replied
6.846,00	xyqp	russian military	1920	cw	-509	bcasts message to collective gff6
6.847,00	ukr	ukrain forces	1714	rtty 50/500	-409	tfc kry 'kriptograma vcp 486 torgacin
6.847,50	bk10	algerian military	2124	ale-usb snd	-409	to fs10
6.847,50	cm10	algerian military	2121	ale-usb snd	-409	to fl10, fs10
6.847,50	fn10	algerian national guard, alg	1045	ale-usb snd	-509	clg "fs10"
6.847,50	fs10	algerian military	2200	ale-usb snd	-409	to xa10
6.847,50	jb10	algerian military	2139	ale-usb snd	-409	to fs10 & some short harris avs
6.847,50	jb13	algerian national guard, alg	829	ale-usb snd	-509	clg "fs10"
6.847,50	jb15	algerian national guard, alg	853	ale-usb snd	-509	clg "fs10"
6.847,50	jb18	algerian military	2200	ale-usb snd	-409	to fs10
6.847,50	jb19	algerian national guard, alg	841	ale-usb snd	-509	clg "fs10"
6.847,50	jb21	algerian national guard, alg	1137	ale-usb snd	-509	clg "fs10"
6.847,50	jb22	algerian military	2119	ale-usb snd	-409	to dj10
6.847,50	mdn	mod ministère de la défense nationale, alg	2126	ale-usb snd	-409	to jb10 w/lqa
6.848,00	---	rus/cis military	1753	bee 36-50 50/200	-309	tfc kry
6.848,00	1111	turkish red crescent society	1905	ale-usb snd	-209	snd snd every 30'
6.848,00	4p0	unid chilean navy	315	ale-usb snd	-409	to hla w/dbm
6.848,00	cp	unid	2009	ale-usb snd	-109	to an w/lqa
6.848,00	dr	unid	2200	ale-usb snd	-409	to cp w/lqa; plus cp to zb
6.848,00	g3w	unid chilean navy	200	ale-usb snd	-409	to hla w/long amd msgs
6.848,40	---	unid	1508	fec	-409	tfc encrypt
6.849,00	---	unid	1708	ale-link protection/usb	-209	clgs
6.849,00	11a1bncm	iraqi forces, irq	1757	ale-usb snd	-1208	clg "11w1bncmd"
6.849,00	21a2bncm	iraqi forces, irq	2219	ale-usb snd	-109	send msgs to "21b2bncmd"

6.849,00	21b2bncm	iraqi forces, irq		2222	ale-usb snd	-109	send msgs to "21a2bncmd"
6.849,00	21c2bncm	iraqi forces, irq		2010	ale-usb snd	-1208	clg "21a2bncmd"
6.849,00	21g2bncm	prob iraqi army		2107	ale-usb snd	-409	calls 21a2bncmd
6.849,00	31x3bncm	unid		1555	ale-usb snd	-309	to 31a3bncmd w/lqa
6.849,00	61e6bncm	unid		2223	ale-usb snd	-409	to 61b6bncmd w/lqa.
6.849,00	71a7bncm	unid		2140	ale-usb snd	-409	to various all reply w/lqas & into "110"
6.853,00	---	unid, prob surface radar??		1444	unid	-209	radar? "zipps"; 1448 s/off
6.853,00	fav22	french army mont valerien, f		811	cw	-309	gr (a)
6.855,00	bm	unid swedish army		1045	ale-usb snd	-409	to vl unid brigade, 2nd battalion
6.855,00	rk	unid swedish army		1030	ale-usb snd	-409	to vl unid brigade, 2nd battalion
6.855,00	vj	swedish army unid brigade, 1st battalion, s		1045	ale-usb snd	-409	to vl 2nd battalion, "bataljonstab"
6.855,00	vl	swedish army unid brigade, 2nd battalion, s		1007	ale-usb snd	-409	to vj 1st battalion, "bataljonstab"
6.856,00	ctbb	unid cis governmental		1316	cw	-409	wkg dx nxtb fr qsa into rtty/50/500 rys
6.857,50	zero	uk army/royal signals ncs		1138	usb	-209	wkg c10, clg c20 for ra/chk
6.860,00	---	russian military		604	cw	-209	strategic flash msg
6.860,00	7111	nigerian police, nig		2104	ale-usb snd	-409	
6.860,00	7114	nigerian police, nig		1244	ale-usb snd	-509	clg "711711"
6.860,00	7115	nigerian police, nig		2351	ale-usb snd	-409	
6.860,00	711711	nigerian police, nig		1624	ale-usb snd	-509	clg "711715"
6.860,00	711712	nigerian police, nig		2054	ale-usb snd	-409	clg "711711"
6.860,00	711714	nigerian police, nig		2349	ale-usb snd	-409	clg "711711"
6.860,00	711715	nigerian police, nig		222	ale-usb snd	-409	
6.860,00	cs001	macadonian forces, mkd		1052	ale-usb snd	-209	clg rs005
6.860,00	cs001b	macadonian forces, mkd		1448	ale-usb snd	-409	to rs0012b, later rs0012b clg too
6.860,00	rs0011a	macadonian forces, mkd		1320	ale-usb snd	-509	clg "cs001b"
6.860,00	rs0012	macadonian forces, mkd		1457	ale-usb snd	-509	clg "cs001"
6.860,00	rs0012a	macadonian forces, mkd		1457	ale-usb snd	-509	clg "cs001b"
6.860,00	rs0012b	macadonian forces, mkd		803	ale-usb snd	-509	clg "cs001b"
6.860,00	rs0013b	macadonian forces, mkd		1132	ale-usb snd	-509	clg "cs001b"
6.860,00	rs0017b	macadonian forces, mkd		1245	ale-usb snd	-509	clg "cs001b"
6.860,00	rs002	macadonian forces, mkd		811	ale-usb snd	-509	send msgs to "cs001"
6.860,00	rs002	macadonian forces, mkd		739	ale-usb snd	-509	clg "cs001"
6.860,00	rs005	unid		1504	ale-usb snd	-209	clg cs001
6.860,00	rs005	macadonian forces, mkd		751	ale-usb snd	-509	clg "cs001"
6.860,00	rs006	macadonian forces, mkd		725	ale-usb snd	-509	clg "cs001"
6.861,00	v	cis navy beacon moskva, rus		605	cw	-109	gr (a)
6.862,00	---	unid rus/cis military		1715	bee 36-50/50/200	-509	tfc kry
6.863,00	4xz	haifa israeli navy, isr		700	cw	-209	vvv de
6.864,30	2211	unid "221x-net"		1548	ale-usb snd	-309	
6.865,00	---	cis ptt		855	cis-arq 100/500	-309	encrypted/chipher
6.865,00	300	unid		1603	ale-usb snd	-409	
6.865,00	500	unid		2352	ale-usb snd	-209	
6.865,00	xss	defence hf comm. service forest moor, g		2328	ale-usb snd	-309	235,800,280,129,015,000,000,000
6.866,00	---	unid rus/cis military		639	mpsk-12/usb	-209	encrypted/chipher

6.866,50	437806	unid		1906	ale-usb snd	-409	
6.866,50	437807	unid		2121	ale-usb snd	-409	
6.866,50	437843	unid		1715	ale-usb snd	-409	
6.868,00	---	unid rus/cis military		730	rus-75 75/200	-209	encrypted/chipher
6.868,00	1111	unid		332	ale-usb snd	-309	
6.868,00	2760	unid		2312	ale-usb snd	-409	
6.870,00	---	unid rus/cis military		1043	fsk 100/500	-409	encrypted/chipher
6.870,00	ccm61	unid venezuelan army		133	ale-usb snd	-309	to ccm51 & ccm5 3
6.872,00	---	unid rus/cis military		544	mpsk-12/usb	-409	encrypted/chipher
6.872,00	ieu46	corpo carabineri campobasso, i		615	lsb	-209	clg ....
6.872,00	ieu711	corpo carabinieri ortona, i		616	lsb	-209	wkg ieu44
6.872,00	ieu73	corpo carabanieri isernia, i		647	lsb	-209	wkg ieu46
6.872,00	ieu731	corpo carabanieri, i		647	lsb	-209	clg ieu46
6.873,00	---	unid rus/cis military		1831	fsk 50/250	-409	encrypted/chipher
6.873,00	azwe	unid polish military, army?		1201	ale-usb snd	-209	to pgid w/lqa
6.873,50	xss	defence hf comm. service forest moor, g		1848	ale-usb snd	-209	
6.874,00	twvs1	guardia civile salamanca, e		1101	ale-usb snd	-209	clg "tyvm2"
6.874,00	txx1	guardia civile, e		1709	ale-usb snd	-309	clg twcc2
6.874,00	tyme1	spanish police madrid, e		1000	ale-usb snd	-1208	clg tx2
6.874,00	tzsl1	guardia civile algeciras, e		855	ale-usb snd	-209	clg "tx1" 0912,0929 clg "tx1"
6.874,00	tzsu2	guardia civil ceuta, e		1700	ale-usb snd	-109	to tyme1 madrid who replied, into "110"
6.875,00	---	rus/cis military		644	mpsk-12/usb	-309	encrypted/chipher
6.876,00	---	russian intel, rus		920	aum-13/8/515 13-tone mfsk/usb modem	-209	transmitting 5f grouped ms.g
6.876,70	sse	mfa cairo, egy		1642	arq 100/170/atu-80	-109	clg/wkg london
6.878,00	---	unid rus/cis military		611	mpsk-12/usb	-209	encrypted/chipher
6.878,00	aaa	tel aviv, israeli air force, isr		1814	ale-usb snd	-209	
6.878,00	bb3	israeli air force, isr		1908	ale-usb snd	-209	
6.880,00	---	unid / idr freq ?		641	usb	-409	ita d/x
6.880,00	---	military		623	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
6.880,00	cs003	macadonian forces, mkd		913	ale-usb snd	-109	clg "rs0013"
6.880,00	cs003a	macadonian forces, mkd		957	ale-usb snd	-109	send msgs to "rs009b"
6.880,00	cs003b	macadonian forces, mkd		854	ale-usb snd	-109	clg "cs003b"
6.880,00	rs0012	macadonian forces, mkd		1826	ale-usb snd	-409	clg "cs003"
6.880,00	rs0014	macadonian forces, mkd		840	ale-usb snd	-109	clg "cs003"
6.880,00	rs009b	macadonian forces, mkd		1026	ale-usb snd	-109	clg "cs003a"
6.880,00	sse	mfa cairo, egy		1620	codan 16-tones/usb	-209	encrypted/chipher
6.881,00	---	unid		820	arq-rs/228/170	-409	ry+kry
6.881,50	11	unid		1923	ale-usb snd	-109	
6.881,50	210	unid		1942	ale-usb snd	-109	
6.881,50	1050	unid iraqi net		1907	ale-usb snd	-109	
6.881,50	1101	unid		1846	ale-usb snd	-109	
6.881,50	1111	unid		2012	ale-usb snd	-209	
6.881,50	11965	unid irq-net		1906	ale-usb snd	-409	calling 1922
6.881,50	1410	unid irq-net		1825	ale-usb snd	-109	clg "1529" 1906 clg "1506"

6.881,50	1474	unid	1727	ale-usb snd	-109
6.881,50	1507	unid	2044	ale-usb snd	-109
6.881,50	1542	unid iraqi net	2127	ale-usb snd	-209 clg 1543
6.881,50	1548	unid	2136	ale-usb snd	-209
6.881,50	1550	unid	1851	ale-usb snd	-109
6.881,50	1552	unid	1851	ale-usb snd	-109
6.881,50	1556	unid	1918	ale-usb snd	-109 clg "1542"
6.881,50	1590	unid	1920	ale-usb snd	-109
6.881,50	1601	unid	2024	ale-usb snd	-209 clg "1559"
6.881,50	1651	unid	1910	ale-usb snd	-109
6.881,50	1656	unid	1954	ale-usb snd	-109
6.881,50	1661	unid iraqi net	1715	ale-usb snd	-209 clg 1515
6.881,50	1667	unid	1959	ale-usb snd	-109
6.881,50	1717	unid	2046	ale-usb snd	-209
6.881,50	1914	unid	1958	ale-usb snd	-109 clg "5770"
6.881,50	1919	unid iraqi net	2020	ale-usb snd	-109
6.881,50	1928	unid iraqi net	1709	ale-usb snd	-209
6.881,50	2001	unid	2001	ale-usb snd	-109
6.881,50	212	unid	1947	ale-usb snd	-209
6.881,50	2620	unid	1908	ale-usb snd	-109
6.881,50	2621	unid	1904	ale-usb snd	-109
6.881,50	3002	unid	1935	ale-usb snd	-109
6.881,50	3333	unid	2033	ale-usb snd	-109
6.881,50	4024	unid iraqi net	1913	ale-usb snd	-409
6.881,50	4400	unid	1713	ale-usb snd	-109
6.881,50	5201	unid	1619	ale-usb snd	-209
6.881,50	5500	unid	1911	ale-usb snd	-409
6.881,50	5502	unid	1921	ale-usb snd	-109
6.881,50	7005	unid	1929	ale-usb snd	-109
6.881,50	7010	unid	1749	ale-usb snd	-209
6.881,50	7018	unid	1810	ale-usb snd	-209
6.881,50	73222	unid	1909	ale-usb snd	-409
6.881,50	7417	unid iraqi net	1718	ale-usb snd	-209
6.881,50	7417	unid	2023	ale-usb snd	-109
6.881,50	7444	unid	2036	ale-usb snd	-409
6.881,50	7446	unid	2006	ale-usb snd	-109
6.881,50	7448	unid	2029	ale-usb snd	-109
6.881,50	77447	iraqi voice net	1847	ale-usb snd	-409
6.881,50	8055	unid	2055	ale-usb snd	-109
6.881,50	8304	unid	2028	ale-usb snd	-109
6.881,50	8822	unid iraqi net	1910	ale-usb snd	-209
6.881,50	8888	unid	1859	ale-usb snd	-109
6.881,50	9912	unid	2043	ale-usb snd	-109
6.881,70	---	dgmg london, g	1812	arq 100/170/atu-80	-209 wkg cairo 'from london to 71'

6.881,70	sse	mfa cairo, egy	1623	arq 100/170/atu-80	-209	tfc ara
6.883,00	---	unid rus/cis military ?	1302	rtty 100/500	-109	tfc kry
6.885,00	---	unid rus/cis military	712	mpsk-12/usb	-209	encrypted/chipher
6.885,00	3232	unid	2110	ale-usb snd	-209	
6.885,00	3232	unid	1713	ale-usb snd	-509	
6.885,00	larry&curly	unid	1712	ale-usb snd	-509	freq. in the net 7451 6885 5804 5773/usb ale
6.886,00	---	unid	1802	usb	-109	tfc ??? simplex with beep
6.887,00	---	australia control, aus	951	usb	-109	wkg aussi 502 in phone patch with raaf
6.888,00	---	unid military	635	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
6.889,60	---	unid military	1804	stanag-4285/usb	-209	tfc kry poor synch
6.890,00	75	french military	1105	thales-ale/fsk-8 encrypted/chipher	-409	to unid w/replied into usb phone om/ff
6.890,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	1932	ale-usb snd	-409	german water police
6.890,00	dbgy/bp25	bundespolizeiboot "bayreuth", d	1318	ale-usb snd	-409	to lezsee
6.890,00	dbgz/bp26	bundespolizeiboot "eschwege", d	2007	ale-usb snd	-409	on german water police net
6.890,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	1026	ale-usb snd	-509	to lezsee lage und einsatzzcentrum cuxhaven
6.890,00	lezsee	lage- und einsatzzentrum see cuxhaven, d	1944	ale-usb snd	-409	on german water police net
6.891,00	fav22	french army mont valerien, f	1436	cw	-409	gr (a)
6.893,00	mali	albanian military, alb	1658	ale-usb snd	-209	clg drini
6.893,20	---	unid dutch navy, hol	638	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
6.893,20	---	unid	1258	stanag-4285/600l	-309	encryted pbc96 ?
6.894,00	---	unid military cis	1430	s-5/usb 12 ch psk	-209	m tfc and idling, testing in between cw
6.894,00	5jl1	unid venezuelan navy	2227	ale-lsb	-409	to 4la3, t5l1 unids
6.894,00	7p4s	unid venezuelan navy	300	ale-lsb	-309	to 1ew1
6.894,00	f213	ven. navy frigate "arbv mariscal sucre f-21"	0	ale-lsb	-409	to cga3 navy hq caracas
6.894,00	loslanos	ship los lanos, ven	410	ale-lsb	-109	clg "bnarco"
6.894,00	pc11	ven. navy missile/fast attack craft vessel	2222	ale-lsb	-409	"arbv constitucion pc-11" to 4la3 unid
6.894,00	t8r1	unid venezuelan navy	251	ale-lsb	-309	to 7p4s
6.895,00	---	st petersburg air	824	usb	-1208	rus d/x yl
6.895,00	252	unid	1740	ale-usb snd	-209	to 262 w/lqa
6.896,00	---	unid rus/cis military	1703	fsk 50/500	-109	encrypted/chipher
6.897,80	s3d0061	unid moroccan meteo station "cimel-net"	2003	pactor-1	-209	calling cimel1 hs-id as "1s3d0061"
6.897,80	s3d00611	marrocan meteo	803	pactor-2	-209	wkg "cimel1"'file trs nr 6
6.898,00	wac	unid	1011	ale-usb snd	-1208	clg oqx
6.900,00	222222	unid "arab voice/100 khz-net"	1700	ale-usb snd	-309	to 585858 w/lqa
6.900,00	555555	unid	1741	ale-usb snd	-209	clg "222222"
6.900,00	888888	unid	1741	ale-usb snd	-209	clg "222222"
6.901,00	---	unid	1833	usb	-409	tfc ara simplex 'arba' 'jamail'
6.902,50	---	unid, irq	1837	ale-usb snd	-409	tfc ara simplex
6.902,50	---	unid	1700	usb	-109	tfc ara simplex with beep
6.902,50	0	unid iraqi net	1703	ale-usb snd	-209	
6.902,50	0	unid station, irq	1907	ale-usb snd	-209	
6.902,50	11	unid station, irq	1935	ale-usb snd	-209	
6.902,50	212	unid station, irq	1945	ale-usb snd	-209	
6.902,50	1050	unid iraqi net	1638	ale-usb snd	-209	clg 8304

6.902,50	1101	unid station, irq	1935	ale-usb snd	-209	2105 clg"1601"
6.902,50	1111	unid station, irq	2034	ale-usb snd	-209	
6.902,50	1112	unid station, irq	2010	ale-usb snd	-209	
6.902,50	1131	unid station, irq	1946	ale-usb snd	-209	
6.902,50	119	unid iraqi net	1646	ale-usb snd	-209	clg 1101
6.902,50	11965	unid iraqi net	1739	ale-usb snd	-209	
6.902,50	1410	iraqi government irq	1635	ale-usb snd	-209	calling 1506
6.902,50	1474	unid station, irq	1824	ale-usb snd	-309	
6.902,50	1506	unid station, irq	2120	ale-usb snd	-309	
6.902,50	1511	unid station, irq	1941	ale-usb snd	-209	
6.902,50	1522	unid station, irq	1916	ale-usb snd	-209	
6.902,50	1542	unid iraqi net	2127	ale-usb snd	-209	clg 1543
6.902,50	1543	unid iraqi net	1637	ale-usb snd	-209	
6.902,50	1550	iraqi government irq	1652	ale-usb snd	-209	
6.902,50	1552	unid station, irq	1850	ale-usb snd	-209	
6.902,50	1553	unid station, irq	1825	ale-usb snd	-309	
6.902,50	1556	unid station, irq	1834	ale-usb snd	-309	
6.902,50	1562	unid station, irq	1808	ale-usb snd	-309	clg "1548"
6.902,50	1579	unid station, irq	2016	ale-usb snd	-209	
6.902,50	1591	unid station, irq	1923	ale-usb snd	-209	
6.902,50	1600	iraqi government irq	1627	ale-usb snd	-209	calling 1697
6.902,50	1601	unid iraqi net	1720	ale-usb snd	-209	
6.902,50	1656	unid iraqi net	1653	ale-usb snd	-209	
6.902,50	1661	unid iraqi net	1744	ale-usb snd	-209	clg 1411
6.902,50	1667	iraqi government irq	1651	ale-usb snd	-209	calling 1506
6.902,50	1711	unid station, irq	1711	ale-usb snd	-209	
6.902,50	1918	unid station, irq	2018	ale-usb snd	-209	
6.902,50	1919	unid iraqi net	1739	ale-usb snd	-209	clg 1474
6.902,50	1928	unid station, irq	2008	ale-usb snd	-209	
6.902,50	2001	unid station, irq	1959	ale-usb snd	-209	
6.902,50	2620	unid station, irq	1905	ale-usb snd	-209	
6.902,50	2621	unid iraqi net	1747	ale-usb snd	-109	clg 5502
6.902,50	4020	unid station, irq	1915	ale-usb snd	-209	
6.902,50	4024	unid iraqi net	1816	ale-usb snd	-1208	
6.902,50	4066	unid iraqi net	1657	ale-usb snd	-209	
6.902,50	5201	unid station, irq	2034	ale-usb snd	-209	
6.902,50	5502	unid station, irq	2025	ale-usb snd	-209	clg "20103"
6.902,50	7005	iraqi government irq	1619	ale-usb snd	-209	
6.902,50	7010	unid iraqi net	1734	ale-usb snd	-209	clg 73222
6.902,50	7013	iraqi government irq	1657	ale-usb snd	-209	
6.902,50	73222	unid station, irq	1914	ale-usb snd	-209	
6.902,50	7417	unid station, irq	1226	ale-usb snd	-209	
6.902,50	7444	unid station, irq	727	ale-usb snd	-209	
6.902,50	7444	unid iraqi net	1650	ale-usb snd	-209	

6.902,50		7448	unid station, irq	2026	ale-usb snd	-209	
6.902,50		7746	unid station, irq	1915	ale-usb snd	-209	
6.902,50		8055	unid station, irq	2054	ale-usb snd	-209	
6.902,50		820	unid station, irq	1906	ale-usb snd	-209 incomplete call
6.902,50		830	unid station, irq	2030	ale-usb snd	-209 incomplete call
6.902,50		8814	unid station, irq	2207	ale-usb snd	-309	
6.902,50		8822	unid iraqi net	1916	ale-usb snd	-209	
6.902,50		8888	unid station, irq	1855	ale-usb snd	-209	
6.902,50		9912	unid station, irq	1947	ale-usb snd	-309	
6.902,60	kvx50		dos/amb, usa ?	950	ale-usb snd	-209 clg kwq36
6.902,60	kvx53		dos/amb, usa ?	923	ale-usb snd	-209 clg kvx54
6.902,60	kvx54		dos/amb, usa ?	923	ale-usb snd	-209 clg kvx51
6.902,60	kvx56		dos/amb, usa ?	943	ale-usb snd	-209 clg kvx53
6.902,60	kwq36		dos/amb, usa ?	1013	ale-usb snd	-209 clg kvx50
6.902,60	kwt93		dos/amb, usa ?	1033	ale-usb snd	-209 clg kvx53
6.902,60	kwx53		dos anchorage, als	1028	ale-usb snd	-209 clg kwx99
6.903,20	---		unid military	758	stanag-4285/1200l/5n1/usb	-109 tfc kry
6.903,20	---		unid	1303	stanag-4285/1200l	-309 encryted british military ?
6.904,00	---		rus/cis military	1803	mpsk-12/usb	-309 encrypted/chipher
6.905,00		2032	italian carabinieri, i	2018	ale-lsb	-1108 to 2508 w/amd "dial4"
6.906,00	---		unid rus/cis military	1844	rus-75 75/250	-109 encrypted/chipher
6.906,50	p3z159		us army aviation task force 34	1812	ale-usb snd	-109 159th aviation regiment
6.906,50	t1z244		us army, irq	1812	ale-usb snd	-209	
6.906,50	t3z159		us army, irq	1701	ale-usb snd	-109 1,802,190,319,332,000,000,000,000,000
6.906,50	tf449		us army, irq	1808	ale-usb snd	-209	
6.907,00		1101	unid "kamar98-net" ncs, cis	1550	ale-usb snd	-109 to 1711, 1708 w/lqas & to 1106 w/amd
6.907,00		1105	unid	1907	ale-usb snd	-109	
6.907,00		1702	unid	2135	ale-usb snd	-109	
6.907,00		1706	unid	1918	ale-usb snd	-109	
6.907,00		1707	unid	2129	ale-usb snd	-109	
6.907,00		1708	unid "kamar98-net", cis	2300	ale-usb snd	-109 to 1105 w/lqa who replied
6.907,00		1709	unid	1830	ale-usb snd	-109	
6.907,00		1712	unid	1923	ale-usb snd	-109	
6.907,00		1713	unid	1916	ale-usb snd	-109	
6.907,00		1714	unid	0	ale-usb snd	-109	
6.907,00	kamar98 ?		unid, maybe uzbek military	0	ale-usb snd	-109	
6.907,50	---		unid	1646	fsk 74/170	-409 encrypted/chipher
6.909,00	c7ch		russian military	300	cw	-1208 xxx-strategic flash msg to bz1l
6.910,00	r289		unid	1834	ale-usb snd	-209 calling pidng this is also a shares freq
6.910,50	---		unid russian station, rus	1127	qpsk/1280/1440/usb	-1208 no decode acf=32 cf=2070
6.911,00	---		russian "governmental service"	2146	am/usb "mazielka" 6-tone	-209 special communications and information
6.911,50		880	unid, tent us army aviation	400	ale-usb snd	-309	
6.911,50	aad30		us army dkb fort bragg, usa	2356	ale-usb snd	-1208	

6.911,50	brook	unid us army aviation or usng army unit	1	ale-usb snd	-409	each 30min; later snd by dkb unid
6.911,50	corops	unid usng/army conus	2330	ale-usb snd	-309	
6.911,50	dkb	unid us military/usng army aviation unit	200	ale-usb snd	-309	
6.911,50	kbdlng	usng connecticut bradley int'l airport	2145	ale-usb snd	-309	also sdningsby t5z159, 880, kyaasf
6.911,50	kyaasf	usng kentuckey frankfort, usa	2315	ale-usb snd	-309	
6.911,50	r24750	usa/unid usng uh-60a helicopter	0	ale-usb snd	-309	to brook unid
6.911,50	r26602	florida?/georgia? usng uh-60l helicopter	0	ale-usb snd	-309	
6.911,50	t5z159	us army reserve "5th heavy" helicopter	400	ale-usb snd	-309	
6.912,00	---	unid rus/cis military	1704	mpsk-12/usb	-109	encrypted/chipher
6.914,00	---	unid rus/cis military	1550	mpsk-12/usb	-409	encrypted/chipher
6.915,00	---	unid	1657	usb	-209	tfc ing/ara simplex
6.915,00	101	chinese military	1812	ale-usb snd	-209	clg "134"
6.915,00	278	unid	1824	ale-usb snd	-109	clg "294"/"220"/"189"/"131"/"171"
6.915,00	294	unid	1833	ale-usb snd	-109	clg "278"
6.915,00	vco	canadian coast guard sydney, can	1741	fax 120/576	-109	cdt
6.916,00	221	unid	1815	ale-usb snd	-1208	clg "987"
6.916,00	987	unid	1811	ale-usb snd	-1208	clg "221"
6.917,00	---	unid	1735	rs-arq 228/170	-309	ry+kry
6.918,00	10v1	iraqi army, irq	1922	ale-usb snd	-109	clg "1bd"
6.918,00	11v	iraqi army, irq	1910	ale-usb snd	-109	clg "igq"
6.918,00	1bd	iraqi army, irq	2130	ale-usb snd	-209	clg "10v1"
6.918,00	1bd	prob iraqi army net	1904	ale-usb snd	-109	contacts 10v1-unid
6.918,00	3dv	iraqi army al kisik, irq	1725	ale-usb snd	-309	clg "igq"
6.918,00	4dv1	unid station, irq	706	ale-usb snd	-309	clg "igq"
6.918,00	8802	unid	1735	ale-usb snd	-409	
6.918,00	anb	iraqi army, irq	2000	ale-usb snd	-109	clg "igf"
6.918,00	dya	counter-terrorism bureau and joint commands	56	ale-usb snd	-409	to 5dv guardia di finanzac kirkuk/baqubah
6.918,00	igq	iraqi army, irq	1710	ale-usb snd	-409	send msgs to "6dv"
6.918,00	mod	iraqi army, irq	347	ale-usb snd	-409	clg "1dv"
6.918,00	nay1	iraqi navy umm qasr naval hq base	300	ale-usb snd	-409	ato bot basrah oil terminal
6.919,00	bzl26	unid	2122	fsk 50/500	-209	encrypted/chipher
6.920,00	---	unid rus/cis military	1715	mpsk-12/usb	-109	encrypted/chipher
6.920,00	baseataca	carabineros de chile iii cha¤aral, chl	130	ale-usb snd	-409	zona/prefectura atacama
6.920,00	basecoqui	carabineros de chile iv elqui, chl	108	ale-usb snd	-409	zona/prefectura de coquimbo
6.920,00	basecorac	carabineros de chile coraceros, chl ?	200	ale-usb snd	-409	
6.921,00	2010	turkish red crescent society, tur	1207	ale-usb snd	-109	
6.921,00	2011	turkish red crescent society, tur	932	ale-usb snd	-109	
6.921,00	2013	turkish red crescent society, tur	1728	usb	-409	wkg "2014" simplex
6.921,00	2014	turkish red crescent society, tur	1728	usb	-409	tfc tur simplex
6.921,00	2015	turkish red crescent society	834	ale-usb snd	-109	
6.921,00	2016	turkish red crescent society	813	ale-usb snd	-109	
6.921,00	2017	turkish red crescent society	839	ale-usb snd	-109	
6.921,00	3771	unid turkish civil defence station, tur	1157	ale-usb snd	-409	
6.921,00	4013	turkish red crescent society	830	ale-usb snd	-109	

6.921,00	4015	turkish red crescent society	915	ale-usb snd	-109
6.921,00	4016	turkish red crescent society	807	ale-usb snd	-109
6.921,00	4017	turkish red crescent society	750	ale-usb snd	-109
6.921,00	9850	turkish red crescent society	1004	ale-usb snd	-109
6.921,00	9857	turkish red crescent, tur	1947	ale-usb snd	-409
6.921,00	aaa	ncs israeli airforce tel aviv, isr	1919	ale-usb snd	-409
6.921,00	bb3	israeli air force, isr	1755	ale-usb snd	-409
6.921,00	dd1	israeli air force tel aviv, isr	1503	ale-usb snd	-1208
6.921,00	dd3	israeli air force, isr	727	ale-usb snd	-109
6.922,50	fav22	french army mont valerien, f	707	cw	-209 gr (a)
6.922,90	---	unid rus/cis military	624	cw	-109 gr n)
6.923,00	---	unid rus/cis military	631	mpsk-12/usb	-209 encrypted/chipher
6.923,00	---	rus/cis military	723	usb	-309 russian tfc duplex
6.923,50	fav22	french army mont valerien, f	1712	cw	-209 gr (a)
6.924,00	rfi	saudi air forces, ars	1937	ale-usb snd	-109 clg "jci" 2221 clg "jci"
6.924,00	rfn	saudi air forces, ars	1948	ale-usb snd	-109 clg "jcn"
6.925,00	0	unid	1905	ale-usb snd	-209
6.925,00	1050	unid	1743	ale-usb snd	-209 clg "1559"
6.925,00	11965	unid	2040	ale-usb snd	-209
6.925,00	1410	unid	1626	ale-usb snd	-209 clg "1533"
6.925,00	1474	unid	1819	ale-usb snd	-209
6.925,00	1501	unid	2249	ale-usb snd	-209
6.925,00	1542	unid	1625	ale-usb snd	-209
6.925,00	1548	unid	1625	ale-usb snd	-209 clg "1542"
6.925,00	1552	unid	1745	ale-usb snd	-209
6.925,00	1579	unid	1727	ale-usb snd	-209
6.925,00	1591	unid	1921	ale-usb snd	-209
6.925,00	1601	unid	2040	ale-usb snd	-209
6.925,00	1661	unid	2035	ale-usb snd	-209
6.925,00	1717	unid	2045	ale-usb snd	-209
6.925,00	1912	unid	1952	ale-usb snd	-209
6.925,00	1918	unid	2022	ale-usb snd	-209
6.925,00	212	unid	1947	ale-usb snd	-209
6.925,00	2209	unid	1935	ale-usb snd	-209 clg "0011"
6.925,00	2505	unid	1944	ale-usb snd	-209
6.925,00	2620	unid	1908	ale-usb snd	-209
6.925,00	2621	unid	1616	ale-usb snd	-209 clg "2620"
6.925,00	3331	unid	2034	ale-usb snd	-209
6.925,00	4020	unid	2214	ale-usb snd	-209
6.925,00	4024	unid	1917	ale-usb snd	-209
6.925,00	4066	unid	1732	ale-usb snd	-209 clg "1523"
6.925,00	5201	unid	1618	ale-usb snd	-209
6.925,00	5500	unid	1919	ale-usb snd	-209
6.925,00	5502	unid	1925	ale-usb snd	-209

6.925,00	7005	unid		1932	ale-usb snd	-209	
6.925,00	7010	unid		1648	ale-usb snd	-209	clg "1112"
6.925,00	7013	unid		1840	ale-usb snd	-209	
6.925,00	7018	unid		1814	ale-usb snd	-209	
6.925,00	73222	unid		1913	ale-usb snd	-209	
6.925,00	7417	unid		2020	ale-usb snd	-209	
6.925,00	7446	unid		2013	ale-usb snd	-209	
6.925,00	8055	unid		2055	ale-usb snd	-209	
6.925,00	8114	unid		1912	ale-usb snd	-209	
6.925,00	8822	unid		1918	ale-usb snd	-209	
6.925,00	8888	unid		1858	ale-usb snd	-209	
6.925,00	9912	unid		2036	ale-usb snd	-209	
6.926,00	2033	italian carabinieri, i		2025	ale-usb snd	-1108	to 2010 w/amd "dial4"
6.928,00	---	rus/cis military		1658	cw	-309	gr (a)
6.928,50	---	rus/cis military		1410	ms-5/at3004d/usb	-109	in traffic
6.929,00	---	unid		820	rs-arq 22 8.5/170 acf 110	-209	encrypted/chipher
6.929,00	721	unid		1420	ale-usb snd	-1208	to 690 w/lqa
6.930,00	---	pirate beacon, e		1630	cw	-109	cq cq cq beacon spain for dxers'
6.930,00	---	egypt air cairo, egy		1737	usb	-209	wkg "778"
6.931,70	---	unofficial amateur beacon, e		1814	cw	-1208	25w into dipole 'cq cq cq beacon spain'
6.933,00	aa1	israeli air force, isr		1719	ale-usb snd	-209	
6.933,00	aa7	israeli air force, isr		1943	ale-usb snd	-209	clg "aa9"
6.933,00	aa9	israeli air force, isr		1813	ale-usb snd	-209	1931 clg "aa7"
6.933,00	bb7	israeli air force, isr		1759	ale-usb snd	-209	
6.933,00	m60	unid		546	ale-usb snd	-309	
6.934,00	---	unid		1702	fsk 200/1000	-109	encrypted/chipher
6.934,00	txx2	guardia civile madrid, e		735	ale-usb snd	-209	clg "tzsg2"
6.934,00	tyme1	spanish police madrid, e		1014	ale-usb snd	-1208	clg tzss2 sevilla
6.934,50	---	unid rus/cis military		1730	mpsk-12/usb	-209	encrypted/chipher
6.935,00	---	unid rus/cis military		753	rtty 50/500	-109	tfc/s-off
6.935,00	---	cis mil/meteo		740	cis-14 96/500	-309	vvv+test/tfc kry
6.935,00	---	m21		226	cw	-209	grid tracking
6.935,00	m21	unid		226	cw	-209	grid tracking
6.936,00	---	unid rus/cis military		633	mpsk-12/usb	-209	encrypted/chipher
6.937,00	111	unid "4fnf/fnf lsb-net"		541	ale-lsb	-309	later snds by 131, 151, 191, 313, 4111
6.938,00	hblzdrd1	roumanian military		757	ale-usb snd	-109	clg "hfjcdrd1"
6.938,00	hfjcdrd1	roumanian military		757	ale-usb snd	-109	clg "hblzdrd1"
6.938,00	mali	albanian military, alb		1658	ale-usb snd	-209	clg drini
6.939,50	nmcb21nc	ship, usa us navy		626	ale-usb snd	-309	clg"ncr22ncr22in"
6.941,00	---	illizi meteo, alg		1756	usb	-209	tfc fra
6.941,00	---	unid		703	cw	-109	tfc/gr(a
6.941,00	---	adrar meteo, alg		1756	usb	-209	send meteo data to illizi
6.941,00	ouargla	ouargla aero or meteo?, alg		2015	usb	-209	om/ff sx wkg illizi, passing wx
6.943,60	---	unid		739	pactor-3	-209	encrypted/chipher

6.943,85	1belgrade	unid beograd, srb		655	pactor	-309	clg "zpraga" 0702 conected to praha
6.945,00	---	el golea meteo, alg		636	usb	-209	clg/wkg bechar
6.945,00	---	bechar meteo, alg		636	usb	-209	wkg el golea
6.945,00	agurchik	moskva/shemerityevo air, rus		642	usb	-209	clg/wkg "trenoga"
6.945,00	amba	kuybyshev/samara air, rus		705	usb	-209	wkg "adorni"
6.945,00	dunis	kustanay air, kaz		703	usb	-209	wkg "agurchik"
6.945,00	shpora	rostov na donu air, rus		643	usb	-209	clg/wkg "torba"
6.945,00	torba	saratov air, rus		643	usb	-209	wkg "shpora"
6.945,00	trenoga	karkov air, ukr		642	usb	-209	wkg "agurchik"
6.945,00	tvarets	penza air, rus		707	usb	-209	wkg "agurchik"
6.945,00	yarok	kiev/borispol air, ukr		634	usb	-209	clg/wkg "agurchik"
6.945,00	zadorni	voronezh air, rus		705	usb	-209	clg/wkg "amba"
6.946,35	---	unid		1715	fec 100/170	-209	tfc kry
6.948,00	---	unid rus/cis military		2125	bee 36-50 50/200	-209	tfc kry
6.950,00	---	unid		1022	usb	-309	tfc ara/fra simplex
6.951,00	---	rus/cis military		719	81-81 40.5/500	-309	encrypted/chipher
6.954,00	---	rus/cis military		1749	mpsk-12/usb	-309	encrypted/chipher
6.955,00	twba2	guardia civile barcelona, e		1824	ale-usb snd	-309	clg "txx2"
6.955,00	twbg1	guardia civil jecor gerona, e		1812	ale-usb snd	-509	
6.955,00	twbg2	guardia civile girona, e		754	ale-usb snd	-309	clg "txx2"
6.955,00	twbh2	guardia civil huesca		1816	ale-usb snd	-509	contacts txx2-madrid.
6.955,00	twbm2	guardia civile mahon, e		727	ale-usb snd	-309	clg "txx2"
6.955,00	twcp2	guardia civile pontevedra, e		2148	ale-usb snd	-309	clg "txx1"
6.955,00	twlc2	guardia civile cantabria, e		725	ale-usb snd	-309	clg "txx1"
6.955,00	twvb2	guardia civile burgos, e		904	ale-usb snd	-309	clg "tymt2"
6.955,00	twve2	guardia civile segovia, e		826	ale-usb snd	-309	clg/wkg "txx2"
6.955,00	twvl2	guardia civile leon, e		612	ale-usb snd	-309	clg "txx2"
6.955,00	twvp2	guardia civile palencia, e		658	ale-usb snd	-309	clg "txx2"
6.955,00	twvs2	guardia civile salamanca, e		1852	ale-usb snd	-309	clg "twvv2"
6.955,00	txx2	guardia civile madrid, e		729	ale-usb snd	-309	clg "twma2"
6.955,00	tyma2	guardia civile avila, e		1252	ale-usb snd	-309	clg "txx2"
6.955,00	tymb2	guardia civile badajoz, e		801	ale-usb snd	-309	clg "tymc2"
6.955,00	tymr2	guardia civile ciudad real, e		827	ale-usb snd	-309	clg "tymc2"
6.955,00	tymv2	guardia civile cuenca, e		909	ale-usb snd	-309	clg "txx2"
6.955,00	tzsa2	guardia civile almeria, e		1058	ale-usb snd	-309	clg "txx1"
6.955,00	tzsj2	guardia civile jean, e		739	ale-usb snd	-309	clg "txx1"
6.955,00	tzsm2	guardia civile malaga, e		1005	ale-usb snd	-309	clg "txx1"
6.956,00	---	unid		2243	fsk 200/500	-409	encrypted/chipher
6.956,00	fav22	french army mont valerien, f		1727	cw	-409	gr (a)
6.958,50	---	russian dsc		2030	crowd-36 6-tones	-409	repetitive pattern off at 2032
6.959,00	1111	unid		2212	ale-usb snd	-409	
6.960,00	76	unid		1435	ale-usb snd	-509	calling 4 6.
6.961,00	---	unid		634	rs-arq 228/170	-409	ry+kry
6.962,00	---	unid rus/cis military		1647	bee 36-50 50/200	-209	tfc kry

6.962,00	---	unid rus/cis military	1726	cis-75 75/250	-509	encrypted/chipher
6.963,00	1c3z	venezualian navy, ven	625	ale-lsb	-209	clg "t8r1"
6.963,00	3v2y	venezualian navy, ven	600	ale-lsb	-409	send dtm msgs to "t8r1"
6.964,00	t2z211	us army, irq	1746	ale-usb snd	-209	
6.964,00	tc152	us army, irq	1755	ale-usb snd	-209	
6.966,00	p2cab	us army, combat aviation batalion	921	ale-usb snd	-509	ib
6.967,50	icg	italian coast guard, i	647	usb	-409	w ici03 roma fiumicino?
6.967,50	ici	italian coast guard roma, i	903	usb	-409	wkg "orca1" 0919 clg/wkg "manta1001"
6.967,50	ici04	italian coast guard napoli, i	848	usb	-509	wkg iglb qsy ch# gc5
6.967,50	ici06	italian coast guard compamare bari, i	912	usb	-509	wkg "cp880"
6.967,50	ici07	italian coast guard ancona, i	1005	usb	-209	clg "manta01"
6.967,50	ici08	italian coast guard ravenna, i	1004	usb	-409	wkg igns
6.967,50	ici101	unid italian coast guard, i	801	usb	-509	wkg igka
6.967,50	ig..	italian coast guard cp880 ship, i	904	usb	-509	clg "compamare bari"
6.967,50	igka	italian coast guard ship, i	801	usb	-509	clg/wkg ici101
6.967,50	iglg	italian coast guard ship, i	700	usb	-509	clg/wkg ici08
6.967,50	ignn	italian coast guard ship, i	940	usb	-409	clg/wkg ici 0944 clg/wkg igob
6.967,50	igns	italian coast guard ship, i	1000	usb	-409	clg/wkg ici07 1004 clg/wkg ici08
6.967,50	igob	italian coast guard ship, i	944	usb	-409	wkg ignn
6.967,50	igsz	italian coast guards, i	642	usb	-409	w many points
6.967,50	lg	italian coast guard, i	946	usb	-409	w unid /pos
6.967,50	manta100	italian coast aircraft, i	903	usb	-509	clg/wkg ici
6.967,50	na2	italian coast catania, i	828	usb	-509	clg/wkg "manta1002"
6.967,50	orca1	italian coast guard aircraft, i	903	usb	-409	clg/wkg ici
6.969,75	---	cis meteo/mil ?	654	cis-14 96/1000	-109	tfc kry
6.974,00	bbljpndr	unid	834	ale-usb snd	-409	clg m4tc
6.974,00	m4tc	unid	836	ale-usb snd	-409	clg bbljpndr
6.977,00	---	unid rus/cis military	1722	81-81/81/250	-409	encrypted/chipher
6.977,00	---	unid military	528	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
6.978,00	---	unid	551	rtty 50/500	-409	gr (n)mark every 50 groups
6.978,00	bzl26	unid	705	fsk 50/500	-509	encrypted/chipher
6.979,50	---	cis ptt	910	cis-arq 100/500	-509	encrypted/chipher
6.980,00	---	unid net	1642	usb	-409	tfc ara simplex
6.980,00	---	cis ptt	1150	cis-14 96/1500/2ch	-309	tfc kry
6.981,00	alr	ao&g ali bel rida, alg	2125	ale-usb snd	-109	
6.981,00	hamra	ao&g hamra, alg	755	ale-usb snd	-109	
6.981,00	hr	ao&g hassi r'mei, alg	1829	ale-usb snd	-109	
6.981,00	n8su	unid	614	cw	-409	clg/wkg "yatz"
6.982,00	4xz	israeli navy haifa, isr	709	cw	-309	vvv de = vvv de = 4xz4xz =
6.983,00	cmlw	unid net control	704	cw	-209	clg/wkg simplex
6.983,00	pbi5	russian military	1522	cw	-509	sends message to unid pbi5
6.984,00	---	unid station	1710	fsk 200/1000	-1208	pseudo random bitstream with acf=288
6.985,00	102	unid	51	ale-usb snd	-209	clg "101"
6.986,00	art	mossad tel aviv, isr	937	usb	-109	gr (a) ing

6.988,00	---	unid		655	cw	-109	vvvvvvv/tfc
6.989,50	rear03	unid		20	ale-usb snd	-309	clg rear1 3
6.989,50	rear12	unid		2231	ale-usb snd	-309	to rear02 @ 23 47 clg rear03, @ 2 3.20
6.989,50	rear13	unid		20	ale-usb snd	-309	responding to call from rear0 3
6.992,00	aaa	israeli air forcetel aviv, isr		2133	ale-usb snd	-409	
6.992,00	bb3	israeli air force, isr		1947	ale-usb snd	-409	
6.992,00	dd3	israeli air force, isr		1951	ale-usb snd	-409	
6.995,00	---	unid chilean navy		125	ale-usb snd	-409	to fon
6.996,00	---	cis navy		834	usb	-1208	rus d/x "negativ...priom..."
6.996,00	negativ	russian military, navy ?		1543	usb	-109	om/rr clg dozhdik
6.996,40	---	unid		1710	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
6.998,00	ek9	unid greek military		506	ale-usb snd	-409	to gef w/lqa handshake; gef on duplex?
6.998,00	ek9	estonian army, est		614	ale-usb snd	-409	clg "gef"
6.998,00	sh7	the italian "crazy pirate"		1352	cw	-109	vvv vvv de sh7 sh7
6.998,50	---	unid russian net military ? meteo ? aero ?		1115	cw	-309	msg "osuqestwitx = dozaprawku =gsm = do =
7.000,00	2033	italian carabinieri, i		1936	ale-usb snd	-1108	to 2508 w/amd "dial4"
7.000,00	2211	unid "221x-net"		2149	ale-usb snd	-209	
7.000,00	2214	unid		1816	ale-usb snd	-109	
7.010,00	cs002	macedonian forces, mkd		959	ale-usb snd	-309	clg "rs008"
7.010,00	cs002b	macedonian forces, mkd		1154	ale-usb snd	-309	clg "rs0013a"
7.010,00	rs0011	macedonian forces, mkd		1358	ale-usb snd	-309	clg "rs0011"
7.018,00	---	long range air force russia		1824	unid	-109	revs 50 idling
7.018,00	rea4	lraf hq moscow, rus		1945	fsk 50/1000	-209	synch idling w/reversals no prls found
7.038,70	d	mx beacon sevastopol		2209	cw	-109	heard on websdr netherlands
7.038,70	d	mx beacon odessa		1833	cw	-409	ab
7.038,90	s	mx beacon severomorsk		1936	cw	-209	
7.039,00	a	mx marker astrakhan		1826	cw	-109	sat cw a=astrakhan
7.039,00	c	mx beacon, moscow		1630	cw	-409	
7.039,10	a	mx beacon astrakhan/baku		2221	cw	-309	c-moscow-7039,00 no others audible here
7.039,10	a	mx beacon astrakhan?		2211	cw	-109	heard on websdr netherlands
7.039,30	k	mx beacon		2304	cw	-109	
7.039,30	mkg3	unid, joking amateur ?		1100	cw	-409	"mto mto mti mti vvv mko3 vvv mkg3 qs"
7.039,70	iz3dvw	moncelise, i		2005	cw	-1208	cw amateur beacon "iz3dvw/beacon"
7.041,00	bss3	unid rus/cis military		1917	cw	-409	de bss3 qrv k. bk rpt aa 1 k. bss3 r 884 k
7.042,50	---	unid russian		2258	crowd36 snd	-509	end of txm
7.045,00	2005	unid		1901	ale-usb snd	-409	to 2001 w/lqa
7.047,00	---	rus/cis military		1800	ms-5/at3004d/usb	-309	in traffic
7.063,00	bafmed	unid		1253	ale-usb snd	-109	
7.110,00	161	unid		2000	ale-usb snd	-409	to 91 4
7.110,00	550	unid		1638	ale-usb snd	-409	to unid
7.114,00	rjc23	russian navy		1057	cw	-209	clg rjd85 fr qsa ?
7.122,00	---	russian military		1839	bee 36-50 50/165	-309	sends xxx xxx xxx in morse
7.176,00	---	rus/cis military		926	rus-75 75/250	-109	encrypted/chipher
7.216,00	---	rus/cis military		925	mpsk-1212/usb	-109	encrypted/chipher

7.254,00	---	rus/cis military	924	rus-75 75/250	-109	encrypted/chipher
7.296,00	---	rus/cis military	923	mpsk-1212/usb	-109	encrypted/chipher
7.300,20	---	unid italian forces, i	926	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
7.313,00	---	unid rus/cis military	720	mpsk-12/usb	-109	encrypted/chipher
7.313,00	---	rus/cis military	743	rus-75 75/250	-1208	encrypted/chipher
7.314,00	---	unid	607	cw	-409	tfc/gr a
7.320,00	711712	nigerian national police force, nig	2257	ale-usb snd	-209	clg711711
7.328,00	---	unid rus/cis military	633	cis-75 75/250	-409	encrypted/chipher
7.335,00	1001	unid	921	ale-usb snd	-209	clg "2201"
7.335,00	10111	marrocain dispatch centre, mrc	1309	ale-usb snd	-209	clg "1119"
7.335,00	1103	marrocain dispatch centre, mrc	1335	ale-usb snd	-209	
7.335,00	11032	marrocain dispatch centre, mrc	938	ale-usb snd	-209	
7.335,00	11033	marrocain dispatch centre, mrc	803	ale-usb snd	-309	
7.335,00	1105	marrocain dispatch centre, mrc	1012	ale-usb snd	-209	
7.335,00	1106	marrocain dispatch centre, mrc	1343	ale-usb snd	-209	
7.335,00	1107	marrocain dispatch centre, mrc	1147	ale-usb snd	-209	
7.335,00	1108	marrocain dispatch centre, mrc	817	ale-usb snd	-309	
7.335,00	1109	marrocain dispatch centre, mrc	1032	ale-usb snd	-209	
7.335,00	1111	marrocain dispatch centre, mrc	750	ale-usb snd	-309	
7.335,00	11113	unid	944	ale-usb snd	-209	
7.335,00	1112	marrocain dispatch centre, mrc	1311	ale-usb snd	-209	
7.335,00	1113	marrocain dispatch centre, mrc	1006	ale-usb snd	-309	
7.335,00	11132	marrocain dispatch centre, mrc	1036	ale-usb snd	-309	
7.335,00	11133	marrocain dispatch centre, mrc	1303	ale-usb snd	-309	
7.335,00	1116	marrocain dispatch centre, mrc	843	ale-usb snd	-209	
7.335,00	11162	unid	928	ale-usb snd	-209	
7.335,00	11164	unid	903	ale-usb snd	-209	
7.335,00	1117	unid	941	ale-usb snd	-209	
7.335,00	1301	marrocain dispatch centre, mrc	1321	ale-usb snd	-309	
7.335,00	13011	marrocain dispatch centre, mrc	1244	ale-usb snd	-209	
7.335,00	13012	unid	858	ale-usb snd	-209	
7.335,00	1302	marrocain dispatch centre, mrc	1109	ale-usb snd	-209	
7.335,00	1304	marrocain dispatch centre, mrc	1332	ale-usb snd	-209	
7.335,00	13052	unid	911	ale-usb snd	-209	
7.335,00	13071	unid	937	ale-usb snd	-209	
7.335,00	13082	marrocain dispatch centre, mrc	1117	ale-usb snd	-309	
7.335,00	13091	unid	842	ale-usb snd	-209	
7.335,00	13112	unid	936	ale-usb snd	-209	
7.335,00	1312	marrocain dispatch centre, mrc	1004	ale-usb snd	-309	
7.335,00	13121	marrocain dispatch centre, mrc	1139	ale-usb snd	-209	
7.335,00	13122	marrocain dispatch centre, mrc	1129	ale-usb snd	-209	
7.335,00	13133	marrocain dispatch centre, mrc	636	ale-usb snd	-309	
7.335,00	1314	marrocain dispatch centre, mrc	1223	ale-usb snd	-209	
7.335,00	131411	marrocain dispatch centre, mrc	801	ale-usb snd	-309	

7.335,00	1316	marrocain dispatch centre, mrc	1240	ale-usb snd	-209
7.335,00	1318	marrocain dispatch centre, mrc	1311	ale-usb snd	-209
7.335,00	13181	unid	927	ale-usb snd	-209
7.335,00	13191	marrocain dispatch centre, mrc	1235	ale-usb snd	-209
7.335,00	13222	unid	825	ale-usb snd	-209
7.335,00	13231	marrocain dispatch centre, mrc	1136	ale-usb snd	-309
7.335,00	1324	marrocain dispatch centre, mrc	629	ale-usb snd	-309
7.335,00	13241	marrocain dispatch centre, mrc	805	ale-usb snd	-309
7.335,00	1325	marrocain dispatch centre, mrc	1252	ale-usb snd	-209
7.335,00	13251	marrocain dispatch centre, mrc	1240	ale-usb snd	-309
7.335,00	13252	unid	937	ale-usb snd	-209
7.335,00	1326	marrocain dispatch centre, mrc	900	ale-usb snd	-209
7.335,00	13262	unid	905	ale-usb snd	-209
7.335,00	2001	unid	928	ale-usb snd	-209 clg "2047"
7.335,00	20111	marrocain dispatch centre, mrc	1323	ale-usb snd	-209 clg "2215"
7.335,00	22011	unid	859	ale-usb snd	-209
7.335,00	2204	unid	842	ale-usb snd	-209
7.335,00	22041	marrocain dispatch centre, mrc	717	ale-usb snd	-309
7.335,00	2205	marrocain dispatch centre, mrc	956	ale-usb snd	-209
7.335,00	22054	unid	907	ale-usb snd	-209
7.335,00	22111	marrocain dispatch centre, mrc	658	ale-usb snd	-309
7.335,00	22123	unid	858	ale-usb snd	-209
7.335,00	2214	marrocain dispatch centre, mrc	815	ale-usb snd	-309
7.335,00	2215	unid	836	ale-usb snd	-209
7.335,00	2216	marrocain dispatch centre, mrc	736	ale-usb snd	-309
7.335,00	2405	unid	908	ale-usb snd	-209
7.335,00	24091	marrocain dispatch centre, mrc	1120	ale-usb snd	-209
7.335,00	24111	unid	902	ale-usb snd	-209
7.335,00	2414	marrocain dispatch centre, mrc	1041	ale-usb snd	-309 clg "20111"
7.335,00	24151	marrocain dispatch centre, mrc	1142	ale-usb snd	-209
7.335,00	2514	unid	901	ale-usb snd	-209
7.338,00	---	rus/cis military	1030	cis-50 50/250	-1208 encrypted txt, //7176
7.342,00	fav22	french army mont valerien, f	840	cw	-109 gr (a)
7.342,50	fav22	french army mont valerien, f	610	cw	-309 gr (a)
7.348,00	---	rus/cis military	1025	fsk 100/250	-309 encrypted/chipher
7.356,35	---	unid	1703	fec 100/170	-409 tfc kry
7.360,00	wug231	us army pumping station coe, huxtable	1601	lsb	-509 calling cq for the armed forces day test.
7.361,50	t1z150	us army	715	ale-usb snd	-309
7.369,60	---	unid	720	fsk 250/170	-309 encrypted/chipher
7.371,00	---	unid	720	usb	-209 gr (n)ing 'fiver one six ....'
7.371,00	---	unid	643	cw	-209 gr (n)ttt ttt at end
7.373,00	---	rus/cis military	750	bee 36-50 50/200	-109 tfc kry
7.373,50	---	fapsi	553	crowd/usb	-409 tfc 'roctlhpogmvv dcvov '
7.380,00	---	unid rus/cis military	722	mpsk-12/usb	-109 encrypted/chipher

7.382,00	31a3bncm	unid iraqi army, irq	707	ale-usb snd	-209	clg "31x3bncmd"
7.382,00	31b3bncm	unid iraqi army, irq	712	ale-usb snd	-209	clg "31a3bncmd"
7.382,00	31x3bncm	unid iraqi army, irq	707	ale-usb snd	-209	clg "31a3bncmd"
7.383,00	twbh2	guardia civil huesca, e	639	ale-usb snd	-509	clg "txx2"
7.383,00	twbm2	guardia civil manresa, e	751	ale-usb snd	-509	clg "txx2"
7.383,00	twvl2	guardia civil leon, e	544	ale-usb snd	-509	clg "txx2"
7.383,00	twvs	guardia civil salamanca, e	1103	ale-usb snd	-509	clg "twvz2" 1113 clg "txx2"
7.383,00	txx2	guardia civil madrid, e	525	ale-usb snd	-509	clg "twbz2" 0655 clg "tyma2"
7.383,00	tyma2	guardia civil avila, e	553	ale-usb snd	-509	clg "txx2" 0602,0610clg "txx2"
7.383,00	tymt2	guardia civil toledo, e	618	ale-usb snd	-509	clg "txx2"
7.383,00	tymv2	guardia civil , e	852	ale-usb snd	-509	clg "txx2"
7.383,00	tzsm2	guardia civil malaga, e	551	ale-usb snd	-509	clg "txx1"
7.390,00	aaa	israeli air force tel aviv, isr	1536	ale-usb snd	-209	
7.405,15	---	unid cis	703	fsk-cw	-109	tfc 'qsa2 qsa? nil nil as k'
7.405,20	---	british forces nicosia, cyp	732	stanag-4285/600l/5n1/usb	-109	rfc kry
7.420,00	0	unid	1710	ale-usb snd	-409	
7.420,00	cs004	macedonian forces, mkd	1046	ale-usb snd	-309	clg "rs002"
7.420,00	cs004a	macadonian forces, mkd	638	ale-usb snd	-409	clg "rs0011d"
7.420,00	rs0011d	macadonian forces, mkd	611	ale-usb snd	-409	clg "cs004a"
7.420,00	rs0013d	macadonian forces, mkd	808	ale-usb snd	-409	clg "cs004a"
7.420,00	rs0016d	macadonian forces, mkd	808	ale-usb snd	-409	clg "cs004a"
7.420,00	rs0017	macedonian forces, mkd	1027	ale-usb snd	-309	clg "cs002"
7.420,00	rs005d	macedonian forces, mkd	1254	ale-usb snd	-409	clg "cs004"
7.420,00	rs008d	macedonian forces, mkd	745	ale-usb snd	-409	clg "cs004a"
7.422,00	---	unid	723	ale-usb snd	-209	encrypted/chipher protected link
7.422,50	fav22	french army mont valerien, f	824	cw	-209	gr (a)
7.425,00	---	unid rus/cis military	928	fsk 100/495	-109	encrypted/chipher
7.426,00	---	rus/cis military	921	mpsk-1212/usb	-109	encrypted/chipher
7.430,00	---	cis mil/meteo	725	cis-14 96/500	-109	idle 0730 test/tfc kry
7.430,00	cs002	macedonian forces, mkd	1225	ale-usb snd	-209	clg "rs0011"
7.430,00	cs002a	macedonian forces, mkd	1036	ale-usb snd	-209	send msgs to "rs002a"
7.430,00	cs002a	macedonian forces, mkd	1036	ale-usb snd	-209	clg "rs002a"
7.430,00	rs0011	macedonian forces, mkd	1316	ale-usb snd	-209	clg "cs002"
7.430,00	rs0017a	macedonian forces, mkd	1155	ale-usb snd	-209	clg "cs002b"
7.430,00	rs002a	macedonian forces, mkd	1036	ale-usb snd	-209	clg "cs002a"
7.430,00	rs002a	macedonian forces, mkd	1036	ale-usb snd	-209	send msgs to "cs002a"
7.431,50	---	unid	620	pactor-2	-409	tfc ted
7.433,00	---	unid rus/cis military	802	mpsk-12/usb	-109	encrypted/chipher
7.433,50	hll2	meteo seoul, kor	1240	fax 120/576	-1208	unid chart, disappearing in the noise
7.433,60	1dv	iraqi army, irq	1352	ale-usb snd	-109	clg "mod"
7.433,60	2dv1	iraqi army, irq	1340	ale-usb snd	-109	clg "mod"
7.433,60	igq	iraqi army, irq	1320	ale-usb snd	-109	clg "2dv"
7.442,00	ist	unid	659	cw	-309	clg/wkg "v13c"
7.446,00	---	unid rus/cis military	558	mpsk-12/usb	-409	encrypted/chipher

7.446,20	---	unid military	756	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
7.447,00	---	unid rus/cis military	600	cw	-409	tfc 'ok sk'
7.449,75	---	cis ptt	1046	cis-arq 100/1000	-409	encrypted/chipher
7.450,00	rebom1	pemex rebombeo oil platform, mex	815	ale-usb snd	-1208	
7.451,00	larry&curly	i'm not kidding	1656	ale-usb snd	-509	
7.455,00	cs003	macadonian forces, mkd	528	ale-usb snd	-509	clg "cs0013"
7.455,00	cs004	macedonian forces, mkd	1209	ale-usb snd	-309	clg "rs005d"
7.455,00	cs004a	macedonian forces, mkd	613	ale-usb snd	-409	tfc kry
7.455,00	naa	cutler,me, usa us navy	727	nato-50 50/850	-109	encrypted/chipher
7.455,00	rs0011d	macadonian forces, mkd	957	ale-usb snd	-509	clg "cs004a"
7.455,00	rs0012	macadonian forces, mkd	1222	ale-usb snd	-509	clg "cs004a"
7.455,00	rs0013	macadonian forces, mkd	528	ale-usb snd	-509	clg "cs003"
7.455,00	rs0013d	macadonian forces, mkd	721	ale-usb snd	-409	clg "cs004a"
7.455,00	rs0014	macadonian forces, mkd	1001	ale-usb snd	-509	clg "cs003"
7.455,00	rs0017d	macadonian forces, mkd	1251	ale-usb snd	-309	clg "cs004a"
7.455,00	rs005b	macadonian forces, mkd	858	ale-usb snd	-509	clg "cs003b" 1849 clg "cs003b"
7.455,00	rs005d	macadonian forces, mkd	1155	ale-usb snd	-309	clg "cs004"
7.456,00	---	unid cis navy?	651	bee 50/250 ?	-509	
7.456,00	---	unid	650	fsk 50/250	-409	@0 6.51 s/off
7.456,00	---	unid rus/cis military	803	mpsk-12/usb	-109	encrypted/chipher
7.456,00	---	rus/cis military	1156	usb	-309	russian tfc
7.469,00	---	unid	536	rtty 50/850 crypto	-509	ppa
7.475,00	cs003	macadonian forces, mkd	741	ale-usb snd	-109	clg "rs0012"
7.475,00	cs003a	macadonian forces, mkd	908	ale-usb snd	-109	clg "rs009b"
7.475,00	cs003b	macadonian forces, mkd	1210	ale-usb snd	-109	send msgs to "rs005b"
7.475,00	rs0013	unid	1845	ale-usb snd	-109	clg cs003
7.475,00	rs005b	macadonian forces, mkd	1210	ale-usb snd	-109	send msgs to "cs003b"
7.476,00	---	unid	1159	ale-usb snd	-309	encrypted/chipher protetcted link
7.478,60	---	saudi air force, ars	1718	br6028/arq-e 46,2/170/6ch/usb	-409	idle on both ch#
7.480,00	---	rus/cis military	920	fsk 100/476	-109	encrypted/chipher
7.481,00	---	unid rus/cis military	650	bee 36-50 50/200	-209	encrypted/chipher
7.484,50	---	unid military	641	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
7.486,00	103	unid	1558	ale-usb snd	-409	calling 10 1
7.488,00	---	unid rus/cis military	1010	81-81 81/250	-109	encrypted/chipher
7.499,00	---	unid rus/cis military	722	mpsk-12/usb	-209	encrypted/chipher
7.500,00	---	unid	644	fsk 50/200	-309	
7.500,00	2033	italian carabinieri, i	2110	ale-usb snd	-1108	to 2508 w/amd "dial4"
7.500,00	222222	unid	2002	ale-usb snd	-509	
7.500,00	444444	unid	1856	ale-usb snd	-509	clg "555555"
7.500,00	777777	unid	1842	ale-usb snd	-509	
7.500,00	888888	unid	1744	ale-usb snd	-509	
7.500,00	966	unid	1812	ale-usb snd	-509	
7.500,00	db1	unid	1728	ale-usb snd	-509	clg "dbe"
7.504,75	---	cis ptt	803	cis-arq 100/1000	-109	encrypted/chipher

7.505,00	---	unid	1706	cw	-409	tfc/gr n
7.507,50	---	rus/cis military	1709	mpsk-12/usb	-309	encrypted/chipher
7.508,00	---	unid rus/cis military	805	81-81 81/200	-109	encrypted/chipher
7.509,00	erbilqyada	unid erbil kurdistan, irq	1903	ale-usb snd	-509	[to] qya [this is] erbilqyada 1.
7.511,00	fav22	french army mont valerien, f	1718	cw	-409	gr (a)
7.512,00	station3	rhode & schwarz, d	1334	ale-usb snd	-1208	clg station5
7.512,00	twcc2	guardia civil la coruna, e	939	ale-usb snd	-509	clg "txx1"
7.512,00	twvs1	guardia civil salamanca, e	1113	ale-usb snd	-1208	clg tyvm2 murcia
7.512,00	txx1	guardia civile madrid, e	1118	ale-usb snd	-209	clg "tzsl2" 1133 clg "tzsu2"
7.512,00	tyme1	guardia civil madrid, e	943	ale-usb snd	-1208	clg twlv2 vizcaya
7.512,00	tzsh2	guardia civil huelva, e	713	ale-usb snd	-509	clg "txx1"
7.512,00	tzsl2	guardia civile algeciras, e	1114	ale-usb snd	-209	clg "tx1"
7.512,00	tzsm1	guardia civil malaga, e	608	ale-usb snd	-509	clg "txx1"
7.516,00	k20	algerian national guard, alg	911	ale-usb snd	-509	clg "fs20"
7.516,00	qm20	algerian national guard, alg	938	ale-usb snd	-509	clg "fs20" 0942,0948,0951,0956 clg "fs20"
7.518,00	---	unid	2213	cw	-509	with 5 letter groups in cw
7.519,00	---	cuban dgi, cub	2223	cw	-209	5l msg using cut numbers
7.520,60	---	saudi arabian air force, ars	1543	br6028/arq-e 46.2/170/6ch	-409	idle on both ch#
7.524,00	rgi	saudi arabian air force, ars	1905	ale-lsb	-409	clg "jdi" 2029 clg "jdi"
7.524,00	rgn	saudi arabian air force, ars	1741	ale-lsb	-409	clg "jdn"
7.524,90	---	unid rus/cis military	1012	81-81 40.5/250	-109	encrypted/chipher
7.527,00	---	us coast guard z13 key west, usa	753	ale-usb snd	-109	clg "whd" 0759,1010 snd 0935 clg "whd"
7.527,00	---	us coast guard hu-25, usa	2232	ale-usb snd	-409	
7.527,00	104	unid	30	ale-usb snd	-109	clg "104"
7.527,00	148	unid	39	ale-usb snd	-309	clg "684"
7.527,00	2dm	cpb, usa ?	236	ale-usb snd	-309	
7.527,00	500	us coast guard hc-130h, usa	716	ale-usb snd	-209	clg "z13"
7.527,00	501	us coast guard hc-130h, usa	735	ale-usb snd	-209	
7.527,00	501	us coast guard hc-130h 1501 clearwater, usa	2310	ale-usb snd	-109	clg lntcamslant chesapeake
7.527,00	502	us coast guard hc-130h, usa	731	ale-usb snd	-109	clg "lnt"
7.527,00	701	us coast guard 1701 hc-103h	352	ale-usb snd	-209	calling pac-uscg camspac point reyes
7.527,00	716	us coast guard hc-130h, usa	6	ale-usb snd	-209	snd 2343 clg "707"
7.527,00	718	us coast guard hc-130h, usa	17	ale-usb snd	-209	snd 2343 clg "707"
7.527,00	719	us coast guard hc-130h, usa	2247	ale-usb snd	-309	
7.527,00	720	us coast guard hc-130h, usa	2147	ale-usb snd	-309	
7.527,00	824	unid	11	ale-usb snd	-309	clg "684"
7.527,00	a39	cpb ab139, usa	2340	ale-usb snd	-209	
7.527,00	a82	cpb uh-60, usa	2306	ale-usb snd	-209	
7.527,00	abqpri	cothen stanley, usa	135	ale-usb snd	-509	
7.527,00	ayl	us coast guardc dolphin, usa	2252	ale-usb snd	-309	clg"ucg"
7.527,00	basebave	bave carabinieros, chl	2311	ale-usb snd	-509	
7.527,00	baseboe	carabineriros, chl	2248	ale-usb snd	-209	
7.527,00	basecazad	carabineriros, chl	2356	ale-usb snd	-209	
7.527,00	basechiloe	carabinieros chiloe, chl	111	ale-usb snd	-509	

7.527,00	baseescin	carabineriros, chl	2213	ale-usb snd	-409	
7.527,00	baserance	carabinieros rancheros, chl	311	ale-usb snd	-509	
7.527,00	basetuelca	carabineriros, chl	2257	ale-usb snd	-209	
7.527,00	camspac	us coast guard point reyes, usa	1530	usb	-209	request from cg-1718 weather conditions
7.527,00	cgk-20	us coast guard aircraft	40	unid	-209	contacting camslant regarding landing
7.527,00	cnt	cpb, usa	208	ale-usb snd	-209	snd cbp amoc ctrl reg. comm. node
7.527,00	crb	cpb, usa	408	ale-usb snd	-309	clg "t42" amoc caribbean reg. comm. node
7.527,00	cs1	choten atlanta, usa	2300	ale-usb snd	-109	clg "d95"
7.527,00	cs5	choten wilmington, usa	2310	ale-usb snd	-109	clg "d95" 2313 clg "d95"
7.527,00	d01	cpb bombardier q400, usa	27	ale-usb snd	-109	
7.527,00	d03	cpb bombardier q400, usa	345	ale-usb snd	-409	
7.527,00	d05	cpb bombardier q400, usa	2220	ale-usb snd	-509	
7.527,00	d14	cpb p-3a "slick", usa	207	ale-usb snd	-209	clg "cnt"
7.527,00	d31	cpb p-3b "slick", usa	2314	ale-usb snd	-109	
7.527,00	d45	cpb p-3 aew&c, usa	2346	ale-usb snd	-109	
7.527,00	d46	cpb p-3 aew p-3 aew&c, usa	2254	ale-usb snd	-109	
7.527,00	d48	cpb p-3 aew&c, usa	2228	ale-usb snd	-309	
7.527,00	d70	cpb p-3a "slick", usa	2254	ale-usb snd	-109	clg "cs1"
7.527,00	d95	cpb p-3a "slick", usa	2251	ale-usb snd	-109	snd 2312 clg "cs5"
7.527,00	est	cpb, usa	258	ale-usb snd	-309	clg "d05" amoc eastern reg. comm. node
7.527,00	f12	us coast guard hu-25, usa	1949	ale-usb snd	-209	
7.527,00	f29	us coast guard hu-25, usa	2251	ale-usb snd	-209	
7.527,00	f31	us coast guard hu-25, usa	2325	ale-usb snd	-209	
7.527,00	f33	us coast guard hu-25, usa	2052	ale-usb snd	-209	clg "lnt"
7.527,00	f40	us coast guard hu-25, usa	2336	ale-usb snd	-109	
7.527,00	ffs	us coast guardc chandeleur, usa	222	ale-usb snd	-309	clg "whd"
7.527,00	hsd	us coast guard drummond, usa	2315	ale-usb snd	-509	
7.527,00	i1l	cpb cessna 550, usa	2311	ale-usb snd	-209	
7.527,00	i34	cpb cessna 550, usa	345	ale-usb snd	-409	
7.527,00	i43	cpb beech 65-a90, usa	335	ale-usb snd	-209	
7.527,00	i52	cpb cessna 550, usa	7	ale-usb snd	-209	
7.527,00	i54	cpb cessna 550, usa	2310	ale-usb snd	-209	
7.527,00	i96	cpb cessna 550, usa	408	ale-usb snd	-509	
7.527,00	icb	us coast guardc forward, usa	2331	ale-usb snd	-309	
7.527,00	ikl	us coast guardc tampa, usa	2331	ale-usb snd	-409	clg "lnt"
7.527,00	j01	us coast guard mh-60j, usa	2311	ale-usb snd	-209	
7.527,00	j03	us coast guard mh-60j, usa	2244	ale-usb snd	-209	
7.527,00	j08	us coast guard mh-60j, usa	2301	ale-usb snd	-209	
7.527,00	j09	us coast guard mh-60j, usa	2253	ale-usb snd	-109	
7.527,00	j10	us coast guard mh-60j, usa	224	ale-usb snd	-309	clg "lnt"
7.527,00	j11	us coast guard mh-60j, usa	2246	ale-usb snd	-209	
7.527,00	j12	us coast guard mh-60j, usa	158	ale-usb snd	-309	clg "opb"
7.527,00	j14	us coast guard mh-60j, usa	11	ale-usb snd	-309	
7.527,00	j15	us coast guard mh-60j, usa	430	ale-usb snd	-109	clg "lnt"

7.527,00	j19	us coast guard mh-60j, usa	25	ale-usb snd	-209	
7.527,00	j22	us coast guard mh-60j, usa	2247	ale-usb snd	-309	clg "opb"
7.527,00	j24	us coast guard mh-60j, usa	24	ale-usb snd	-309	
7.527,00	j25	us coast guard mh-60j, usa	206	ale-usb snd	-109	
7.527,00	j29	us coast guard mh-60j usa	726	ale-usb snd	-109	
7.527,00	j31	us coast guard mh-60j, usa	57	ale-usb snd	-309	
7.527,00	j38	us coast guard mh-60j, usa	657	ale-usb snd	-409	
7.527,00	j39	us coast guard mh-60j, usa	24	ale-usb snd	-309	
7.527,00	j42	us coast guard mh-60j, usa	457	ale-usb snd	-109	clg "opb"
7.527,00	k10	mh-65c us coast guard, usa	239	ale-usb snd	-309	
7.527,00	k20	us coast guard aircraft	15	usb	-209	calling camslant
7.527,00	k30	mh-65c us coast guard, usa	2213	ale-usb snd	-309	
7.527,00	k76	mh-65c us coast guard, usa	2250	ale-usb snd	-409	
7.527,00	kvq	unid us coast guard, usa	646	ale-usb snd	-509	clg "z13"
7.527,00	ky4fem	frankfurt,ky, usa fema	2333	ale-usb snd	-209	clg "tsc"
7.527,00	lgv	us coast guard legare, usa	549	ale-usb snd	-209	6500750
7.527,00	lnt	us coast guard chesapeake,va, usa	2317	ale-usb snd	-109	clg "j09" 2331 clg "j09"
7.527,00	mfn	us coast guardc knight island, usa	2351	ale-usb snd	-309	
7.527,00	mfn	us coast guard, usa ?	2242	ale-usb snd	-209	snd 2246 clg "z13"
7.527,00	n01	us coast guard hc-144a, usa	2357	ale-usb snd	-409	
7.527,00	n02	us coast guard hc-144a, usa	59	ale-usb snd	-309	
7.527,00	n03	us coast guard hc-144a, usa	2148	ale-usb snd	-209	
7.527,00	n04	us coast guard hc-144a, usa	48	ale-usb snd	-309	
7.527,00	nas	us coast guard escanaba	2236	ale-usb snd	-409	
7.527,00	opb	dea nassau, bha	414	ale-usb snd	-209	clg "j42"
7.527,00	pac	point reyes,ca, usa us coast guard	102	ale-usb snd	-209	clg "716"
7.527,00	rlt	us coast guard, usa ?	2359	ale-usb snd	-509	
7.527,00	rpm	us coast guardc legare, usa	2308	ale-usb snd	-309	
7.527,00	s13	unid cpb, usa ?	2300	ale-usb snd	-209	
7.527,00	t42	cpb piper pa-42-720r, usa	330	ale-usb snd	-309	
7.527,00	t47	cpb beech a200, usa	2252	ale-usb snd	-209	
7.527,00	t6p	cpb beech a200, usa	2206	ale-usb snd	-209	
7.527,00	t72	cpb beech c-12c, usa	2306	ale-usb snd	-209	
7.527,00	t7y	unid, usa	48	ale-usb snd	-309	
7.527,00	t85	cpb piper pa-42-720r, usa	21	ale-usb snd	-209	
7.527,00	t9a	cpb piper pa-42-720r, usa	148	ale-usb snd	-209	
7.527,00	tsc	choten orlando,fl, usa	2312	ale-usb snd	-109	clg "j09" 0340 clg "718"
7.527,00	twba2	guardia civile barcelona, e	1851	ale-usb snd	-309	clg "txx2"
7.527,00	twbe2	guardia civile teruel, e	758	ale-usb snd	-409	clg "txx2"
7.527,00	twbg1	guardia civile girona, e	727	ale-usb snd	-309	
7.527,00	twbh2	guardia civile huesca, e	759	ale-usb snd	-409	clg "txx2"
7.527,00	twbl2	guardia civile lerida, e	736	ale-usb snd	-109	clg "txx2"
7.527,00	twbm2	guardia civile manresa, e	729	ale-usb snd	-309	clg "txx2"
7.527,00	twcp2	guardia civile pontevedra, e	2328	ale-usb snd	-309	clg "txx1"

7.527,00	twla2	guardia civile alava-vitoria, e	742	ale-usb snd	-409	clg "twvs1"
7.527,00	twlc2	guardia civile cantabria, e	622	ale-usb snd	-309	clg "txx1"
7.527,00	twlc2	guardia civile santander, e	729	ale-usb snd	-409	calling txx 1
7.527,00	twlv2	guardia civile vizcaya, e	625	ale-usb snd	-309	clg "txx1"
7.527,00	twve2	guardia civile segovia, e	823	ale-usb snd	-309	clg "txx2"
7.527,00	twvl2	guardia civile leon, e	613	ale-usb snd	-309	clg "txx2"
7.527,00	twvm2	guardia civile murcia, e	1107	ale-usb snd	-409	clg "txx2"
7.527,00	twvp2	guardia civile palencia, e	632	ale-usb snd	-309	clg "txx2"
7.527,00	twvs2	guardia civile salamanca, e	601	ale-usb snd	-309	clg "txx2"
7.527,00	twvz2	guardia civile zaragoza, e	1007	ale-usb snd	-409	clg "twvs2"
7.527,00	txx2	guardia civile madrid, e	936	ale-usb snd	-109	clg "twvs1"
7.527,00	tyma2	guardia civile avila, e	800	ale-usb snd	-309	clg "txx2"
7.527,00	tymb2	guardia civile badajoz, e	804	ale-usb snd	-309	clg "tymc2"
7.527,00	tyme1	guardia civile madrid, e	1107	ale-usb snd	-409	clg "tvvm2"
7.527,00	tyme2	guardia civile madrid, e	1005	ale-usb snd	-409	clg "txx2"
7.527,00	tymr2	guardia civile ciudad real, e	633	ale-usb snd	-309	clg "txx2"
7.527,00	tymt2	guardia civile toledo, e	600	ale-usb snd	-409	clg "txx2"
7.527,00	tymv2	guardia civile cuenca, e	910	ale-usb snd	-309	clg "txx2"
7.527,00	tzsg2	guardia civile granada, e	626	ale-usb snd	-409	clg "txx1"
7.527,00	tzsj2	guardia civile jean, e	738	ale-usb snd	-309	clg "txx1"
7.527,00	tzsl2	guardia civile algeciras, e	703	ale-usb snd	-309	clg "txx1"
7.527,00	tzsm2	guardia civile malaga, e	546	ale-usb snd	-409	clg "txx1"
7.527,00	ucg	us coast guard point reyes,ca, usa	2248	ale-usb snd	-309	
7.527,00	ves	usa us coast guard venturous, usa	635	ale-usb snd	-209	73508360936
7.527,00	whd	usa us coast guard kodiak island, usa	753	ale-usb snd	-109	clg "z13" 0909 clg "502"
7.527,00	z29	point reyes,ca, usa us coast guard	401	ale-usb snd	-209	clg "j16"
7.532,00	---	nato defence radar link	720	link-11 1364/1850/isb	-1208	3 stations + ncs
7.532,00	210688	greek police, grc	723	ale-usb snd	-1208	
7.535,00	---	rus/cis military	615	cis-75 75/250	-409	encrypted/chipher
7.535,00	cs001	macadonian forces, mkd	734	ale-usb snd	-109	clg "rs005"
7.535,00	cs001a	macadonian forces, mkd	1017	ale-usb snd	-109	clg "rs008a"
7.535,00	cs001b	macadonian forces, mkd	1312	ale-usb snd	-109	clg "rs0012b"
7.535,00	green dominion	unid	1806	usb	-509	hf radio tests
7.535,00	gunslinger	us navy & norfolk sesef	1522	usb	-509	preparing for hf radio testing
7.535,00	norfolk sesef	unid	1806	usb	-509	hf radio tests
7.535,00	rs0011a	macadonian forces, mkd	1122	ale-usb snd	-109	clg "cs001a"
7.535,00	rs0012b	macadonian forces, mkd	1517	ale-usb snd	-109	clg "cs001b"
7.535,00	rs0013b	unid	928	ale-usb snd	-1208	clg cs001b
7.535,00	rs0017b	macadonian forces, mkd	855	ale-usb snd	-109	clg "cs001b"
7.535,00	rs002	macadonian forces, mkd	946	ale-usb snd	-109	
7.535,00	rs005a	macadonian forces, mkd	717	ale-usb snd	-109	clg "cs001"
7.535,00	td500a	unid	2007	ale-usb snd	-109	clg "td500b"

7.535,00	td500b	unid		2002	ale-usb snd	-109	clg "td500a"
7.535,00	vmw	wiluna meteo, aus		1720	fax 120/576	-209	cdt 1800,1823,1915,1930,1945,2000 cdt
7.535,00	warship 70	unid		1355	usb	-509	responding to norfolk sesef's calls
7.535,00	xda	dhfcs		658	ale-usb snd	-109	send msgs to "xss"
7.535,00	xjk	defence hf communications service		1654	ale-usb snd	-309	clg xss ncs forest moor
7.535,00	xpz	dhfcs		742	ale-usb snd	-109	clg "xss"
7.535,00	xss	dhfcs forest moor, g		658	ale-usb snd	-109	clg "xda"
7.539,00	---	rus/cis military		1548	mpsk-12/usb	-409	encrypted/chipher
7.540,00	afa4ik	us air force mars		1419	mfsk-16/usb	-509	with solar conditions report
7.541,00	afd3rt&afa	mars stations		1415	mfsk-16/usb	-509	
7.542,00	---	unid		1704	cw	-409	rpt 0500 1710 rpt 0600
7.545,00	brashka	chelyabinsk air, rus		1445	usb	-409	clg/wkg "shpora"
7.545,00	shpora	rostov na donu air, rus		1445	usb	-409	wkg "brashka"
7.549,00	2001	unid		1911	ale-usb snd	-509	calling 2003
7.550,00	rnn58	ptt moskva, rus		807	cis-arq 100/1600/4ch	-109	encrypted/chipher
7.551,00	fav22	french army mont valerien, f		650	cw	-209	gr (a)
7.553,00	---	unid		2002	cw	-509	with 5 letter groups in cw
7.554,60	fug	french navy la regine, f		758	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
7.561,00	---	unid		1821	cw	-309	unid mgs, nothing clear
7.561,00	fav22	french army mont valerien, f		704	cw	-309	gr (a)
7.564,00	---	unid rus/cis military		649	cis-75 75/250	-509	encrypted/chipher
7.565,00	---	unid		636	cw	-409	tfc/gr(n '73585 86389 2t927 72t2t v qa u qru
7.566,00	---	rus/cis navy sevastopol, ukr		550	bee 36-50 50/200	-409	tfc kry
7.566,00	71aisofbs	iraqi army, irq		602	ale-usb snd	-409	clg "31aisofbs"
7.566,00	81aisofbs	iraqi special operations forces irq		2116	ale-usb snd	-209	calling da4isofbs
7.566,00	ctcisofbs	iraqi army, irq		654	ale-usb snd	-409	clg "isofisofbs"
7.566,00	isofisofbs	iraqi army, irq		654	ale-usb snd	-409	send msgs to "ctcisofbs"
7.566,00	rcv	russian navy sevastopol, ukr		657	cw	-1208	russian message to rkz
7.566,80	---	saudi air force, ars		802	arq-e 46.2/170	-209	idle
7.568,00	---	unid rus/cis military		724	mpsk-12/usb	-209	encrypted/chipher
7.570,00	---	rus/cis military		918	rtty 50/500	-109	tfc kry
7.579,00	---	unid rus/cis military		532	mpsk-12/usb	-509	encrypted/chipher
7.581,00	---	rus/cis military		854	rtty 50/500	-309	tfc kry
7.582,00	---	rus/cis military		1623	rus-75 75/250	-409	encrypted/chipher
7.584,00	twbh2	guardia civile huesca, e		946	ale-usb snd	-409	clg "twbz2"
7.584,00	twbm	guardia civile manresa, e		638	ale-usb snd	-509	clg "txx2"
7.584,00	twbz2	guardia civile zaragoza, e		952	ale-usb snd	-409	clg "txx2"
7.584,00	twlc2	guardia civile cantabria, e		654	ale-usb snd	-409	clg "txx1"
7.584,00	twvl2	guardia civile leon, e		937	ale-usb snd	-409	clg "twbz2"
7.584,00	tyma2	guardia civile avila, e		1512	ale-usb snd	-409	clg "txx2"
7.584,00	tymv2	guardia civile cuenca, e		1120	ale-usb snd	-409	clg "txx2"
7.584,00	tzsj2	guardia civile jean, e		1005	ale-usb snd	-409	clg "txx1"
7.585,20	---	french forces unid, f		700	arq-e3/192/400	-109	idle

7.585,70	rffvit	french forces dzaoudzi, myt	1749	arq-e3/192/390	-109	idle
7.589,75	---	unid	1215	fsk 100/1000 acf=0	-109	enciphered, bearing 085/265ø
7.589,75	---	cis ptt	1202	cis-arq 100/1000	-309	encrypted/chipher
7.593,00	---	military	641	nato-75 75/850	-409	encrypted/chipher
7.593,35	---	unid	1550	fec 100/170	-409	tfc kry
7.594,00	rcv	rn black sea fleet hq sewastopol, ukr	435	cw	-209	qtc nr 812 to rgx94
7.594,50	oey51	austrian army wien, aut	849	ale-usb snd	-409	clg oey71 1002,1047 clg oey71
7.595,00	---	unid	402	rtty 50/160	-309	encrypted many repeated sequences
7.595,80	3a7d	chinese military, chn	1710	cw	-209	clg "dkg6"
7.595,80	iea20	corpo carabineriri rome, i	600	rtty 50/170r/1	-409	stb crypto running a repative pattern
7.596,00	fav22	french army mont valerien, f	736	cw	-109	gr(a)
7.596,60	3a7d	chinese military, chn	1820	cw	-409	v dkg6 dkg6 dkg6 de 3a7d 3a7d
7.597,00	dbgx/bp24	bundespolizeiboot "bad bramstedt", d	2112	ale-usb snd	-509	clg "lezsee"
7.597,00	dbgy/bp25	bundespolizeiboot "bayreuth", d	1708	ale-usb snd	-409	clg lezsee lage- und einsatzzentrum see
7.597,00	dbgz/bp26	bundespolizeiboot "eschwege", d	807	ale-usb snd	-409	1102 clg "lezsee"
7.597,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	803	ale-usb snd	-409	
7.597,00	lezsee	lage- und einsatzzentrum see cuxhaven, d	745	ale-usb snd	-509	
7.597,10	3a7d	chinese military	1744	cw	-1208	clg "dkg6"
7.598,00	1002	unid	1023	ale-usb snd	-409	clg "2080" 1117 clg "2000" 1204 clg "4060"
7.598,00	iea20	corpo carabineri roma, i	737	lsb	-209	clg/wkg ...
7.598,00	iea21	corpo carabineri torino, i	738	lsb	-209	wkg iea20
7.598,00	iea210	corpo carabineri torino, i	814	lsb	-409	wkg "g38" 0815 clg iea20
7.598,00	iea210m	corpo carabineri torino mobile, i	812	lsb	-409	clg/wkg iea20
7.598,00	iea22	corpo carabineri genova, i	738	lsb	-209	wkg iea20
7.598,00	iea23	corpo carabineri milano, i	739	lsb	-209	wkg iea20
7.598,00	iea24	corpo carabineri venezia, i	739	lsb	-209	wkg iea20
7.598,00	iea240	corpo carabineri venezia, i	857	lsb	-209	wkg iea20
7.598,00	iea25	corpo carabineri bolzano, i	740	lsb	-209	wkg iea20
7.598,00	iea250	corpo carabineri bolzano, i	900	lsb	-209	wkg iea20
7.598,00	iea26	corpo carabineri padova, i	739	lsb	-209	wkg iea20
7.598,00	iea260	corpo carabaneri padova, i	912	lsb	-309	wkg iea20
7.598,00	iea403	corpo carabineri bolzano, i	900	lsb	-209	wkg iea20
7.598,00	iea415	corpo carabineri genova, i	804	lsb	-509	clg iea20
7.598,00	iea514	corpo carabineri rivoli, i	845	lsb	-409	clg iea20
7.598,00	iea515	corpo carabineri chieri, i	838	lsb	-409	wkg iea20
7.598,00	iea52	corpo carabineri aosta, i	825	lsb	-409	wkg iea20
7.598,00	iea53	corpo carabineri vercelli, i	828	lsb	-409	wkg iea20
7.598,00	iea530	corpo carabineri biella, i	841	lsb	-409	wkg iea20
7.598,00	iea575	corpo carabaneri borgo san dalmazzo, i	915	lsb	-309	wkg iea20
7.598,00	iea58	corpo carabineri genova, i	749	lsb	-509	wkg iea22
7.598,00	iea580	corpo carabineri chiavari, i	749	lsb	-509	wkg iea22
7.598,00	iea59	corpo carabineri la spezia, i	801	lsb	-509	wkg iea20
7.598,00	iea590	corpo carabineri sarzana, i	803	lsb	-509	wkg iea20
7.598,00	iea600	unid corpo carabanieri, i	848	lsb	-109	clg/wkg iea20

7.598,00	iea61	corpo carabineri imperia, i	804	lsb		-509	wkg iea20
7.598,00	iea610	corpo carabineri sanremo, i	735	lsb		-509	wkg iea22
7.598,00	iea611	corpo carabineri ventimiglia, i	803	lsb		-509	wkg iea20
7.598,00	iea612	corpo carabineri bordighera, i	759	lsb		-509	wkg iea20
7.598,00	iea62	corpo carabineri savona, i	806	lsb		-509	wkg iea20
7.598,00	iea620	corpo carabineri albenga, i	804	lsb		-509	wkg iea20
7.598,00	iea621	corpo carabineri cairo montenotte, i	808	lsb		-509	wkg iea20
7.598,00	iea622	corpo carabineri alassio, i	817	lsb		-509	wkg iea20
7.598,00	iea74	corpo carabineri sondrio, i	850	lsb		-409	wkg iea20
7.598,00	iea83	corpo carabineri bolzano, i	851	lsb		-209	wkg iea20
7.598,00	iea830	corpo carabineri merano, i	851	lsb		-209	wkg iea20
7.598,00	iea831	corpo carabineri pressana, i	904	lsb		-209	wkg iea20
7.598,00	iea833	corpo carabineri silandro, i	853	lsb		-209	wkg iea20
7.598,00	iea835	corpo carabineri bressanone, i	854	lsb		-209	wkg iea20
7.598,00	iea836	unid corpo carabineri, i	925	lsb		-209	wkg iea20
7.598,00	iea837	corpo carabineri vipiteno, i	835	lsb		-209	wkg iea20
7.598,00	iea84	corpo carabineri trento, i	857	lsb		-209	wkg iea20
7.598,00	iea840	corpo carabineri rovereto, i	857	lsb		-209	wkg iea20
7.598,00	iea841	corpo carabineri riva del garda, i	858	lsb		-209	wkg iea20
7.598,00	iea842	corpo carabineri cles, i	858	lsb		-209	wkg iea20
7.598,00	iea843	corpo carabineri cavalese, i	859	lsb		-209	wkg iea20
7.598,00	iea87	corpo carabineri udine, i	742	lsb		-509	wkg iea20
7.598,00	iea870	corpo carabineri tolmezzo, i	804	lsb		-509	wkg iea20
7.598,00	iea871	corpo carabineri palmanova, i	740	lsb		-509	wkg iea20
7.598,00	iea872	corpo carabineri tarvisio, i	737	lsb		-509	wkg iea20
7.598,00	iea873	corpo carabineri cividale de friuli, i	746	lsb		-509	wkg iea20
7.598,00	iea874	corpo carabineri l..., i	745	lsb		-509	wkg iea20
7.598,00	iea880	corpo carabineri sacile, i	747	lsb		-509	wkg iea20
7.598,00	iea89	corpo carabineri gorizia, i	741	lsb		-509	wkg iea20
7.598,00	iea890	corpo carabineri monfalcone, i	744	lsb		-509	wkg iea20
7.598,00	iea891	corpo carabineri gradisca di isonzo, i	758	lsb		-509	wkg iea20
7.598,00	iea91	corpo carabineri trieste, i	754	lsb		-509	wkg iea20
7.598,00	iea911	corpo carabineri aurisina, i	755	lsb		-509	wkg iea20
7.598,00	iea949	corpo carabineri venezia, i	759	lsb		-509	clg iea20
7.598,00	iet36	corpo carabineri cagliari, i	740	lsb		-209	wkg iea20
7.598,00	iet562	corpo carabineri fabriano, i	812	lsb		-509	wkg iea20
7.598,00	iet570	corpo carabineri camerino, i	742	lsb		-509	clg iea20
7.598,00	iet580	corpo carabineri urbino, i	0	lsb		-509	wkg iea20
7.598,00	iet590	corpo carabineri fermo, i	750	lsb		-509	wkg iea20
7.598,00	iet63	corpo carabineri reggio emilia, i	805	lsb		-509	clg iea20
7.598,00	iet69	corpo carabineri siena, i	836	lsb		-509	wkg iea20
7.598,00	iet692	corpo carabineri montalcino, i	840	lsb		-509	clg/wkg iet69
7.598,00	iet74	corpo carabineri lucca, i	819	lsb		-409	clg iea20
7.598,00	iet75	corpo carabineri prato, i	814	lsb		-509	wkg iea20

7.598,00	iet763	corpo carabineri pitigliano, i	840	lsb	-509	wkg iea20
7.598,00	ieu41	corpo carabineri napoli, i	730	lsb	-509	wkg iea20
7.598,00	ieu410	corpo carabineri napoli, i	842	lsb	-509	wkg iea20
7.598,00	ieu42	corpo carabineri catanzaro, i	743	lsb	-209	wkg iea20
7.598,00	ieu44	corpo carabineri pescara, i	744	lsb	-209	wkg iea20
7.598,00	ieu525	unid corpo carabanieri, i	937	lsb	-209	wkg iea20
7.598,00	ieu53	corpo carabineri benevento, i	921	lsb	-209	wkg iea20
7.598,00	ieu530	corpo carabineri cerreto sannita, i	852	lsb	-209	wkg iea20
7.598,00	ieu531	corpo carabineri montesarchio, i	851	lsb	-209	wkg iea20
7.598,00	ieu54	corpo carabineri caserta, i	832	lsb	-409	wkg iea20
7.598,00	ieu541	corpo carabineri aversa, i	921	lsb	-209	wkg iea20
7.598,00	ieu56	corpo carabineri catanzaro, i	833	lsb	-409	wkg iea20
7.598,00	ieu560	corpo carabineri tropea, i	843	lsb	-409	wkg iea20
7.598,00	ieu561	corpo carabaneri cir• marina, i	746	lsb	-409	wkg iea20
7.598,00	ieu565	corpo carabineri valentia, i	746	lsb	-409	wkg iea20
7.598,00	ieu566	unid corpo carabanieri, i	846	lsb	-309	wkg iea20
7.598,00	ieu567	corpo carabineri nec, i	751	lsb	-509	wkg iea20
7.598,00	ieu57	corpo carabaneri cosenza, i	845	lsb	-309	clg/wkg ieu42
7.598,00	ieu570	corpo carabaneri castrovillari, i	844	lsb	-309	clg ieu575
7.598,00	ieu571	corpo carabineri corigliano calabro, i	751	lsb	-509	wkg iea20
7.598,00	ieu572	corpo carabineri paola, i	812	lsb	-409	wkg iea20
7.598,00	ieu573	corpo carabineri rogliano, i	818	lsb	-409	wkg iea20
7.598,00	ieu574	corpo carabineri rossano, i	754	lsb	-509	wkg iea20
7.598,00	ieu575	corpo carabaneri san marco argentano, i	843	lsb	-309	wkg iea20
7.598,00	ieu576	corpo carabineri scalea, i	810	lsb	-409	wkg iea20
7.598,00	ieu577	corpo carabineri renne, i	805	lsb	-409	wkg iea20
7.598,00	ieu58	corpo carabaneri reggio calabria, i	843	lsb	-309	wkg iea20
7.598,00	ieu580	corpo carabaneri locri, i	743	lsb	-409	wkg iea20
7.598,00	ieu581	corpo carabaneri palmi, i	847	lsb	-309	wkg iea20
7.598,00	ieu582	corpo carabineri melito di porto salvo, i	812	lsb	-509	wkg ieu57
7.598,00	ieu584	corpo carabineri taurianova, i	813	lsb	-509	wkg ieu57
7.598,00	ieu586	unid corpo carabanieri, i	814	lsb	-509	wkg ieu57
7.598,00	ieu587	corpo carabineri gioia tauro, i	838	lsb	-409	wkg iea20
7.598,00	ieu59	corpo carabaneri crotone, i	846	lsb	-309	wkg iea20
7.598,00	ieu590	corpo carabaneri agropoli, i	729	lsb	-409	wkg iea20
7.598,00	ieu591	corpo carabaneri amalfi, i	817	lsb	-509	wkg iea20
7.598,00	ieu592	unid corpo carabineri, i	805	lsb	-409	wkg iea20
7.598,00	ieu60	corpo carabineri vibo valentia, i	842	lsb	-409	wkg iea20
7.598,00	ieu612	corpo carabineri mirabella eclano, i	858	lsb	-209	wkg iea20
7.598,00	ieu614	corpo carabineri montella, i	917	lsb	-209	clg iea20
7.598,00	ieu66	corpo carabineri brindisi, i	733	lsb	-509	wkg iea20
7.598,00	ieu67	corpo carabineri foggia, i	805	lsb	-509	wkg iea20
7.598,00	ieu671	corpo carabineri locera, i	758	lsb	-509	wkg iea20
7.598,00	ieu682	corpo carabineri casarano, i	755	lsb	-509	wkg iea20

7.598,00	ieu73	corpo carabineri isernia, i	848	lsb	-209	wkg iea20
7.598,00	ieu730	corpo carabineri agnone, i	849	lsb	-209	wkg iea20
7.598,00	ieu781	corpo carabineri cefalu, i	754	lsb	-509	wkg iea20
7.598,00	ieu782	corpo carabineri corleone, i	807	lsb	-509	wkg iea20
7.598,00	ieu785	corpo carabineri petralia sottana, i	818	lsb	-509	wkg iea20
7.598,00	ieu786	corpo carabineri termini imerese, i	758	lsb	-509	wkg iea20
7.598,00	ieu79	corpo carabineri agrigento, i	811	lsb	-509	wkg iea20
7.598,00	ieu790	corpo carabineri canicatti, i	817	lsb	-509	wkg iea20
7.598,00	ieu81	corpo carabineri caltanisetta, i	829	lsb	-509	wkg iea20
7.598,00	ieu810	corpo carabineri gela, i	804	lsb	-509	wkg iea20
7.598,00	ieu821	corpo carabineri castel vetrano, i	825	lsb	-509	wkg iea20
7.598,00	ieu824	corpo carabineri mazara del vallo, i	831	lsb	-509	wkg iea20
7.598,00	ieu83	corpo carabanieri messina, i	922	lsb	-309	clg iea20
7.598,00	ieu84	corpo carabineri catania, i	804	lsb	-509	wkg iea20
7.598,00	ieu841	corpo carabineri caltagirone, i	806	lsb	-509	wkg iea20
7.598,00	ieu844	corpo carabineri randazzo, i	808	lsb	-509	wkg iea20
7.598,00	ieu846	corpo carabineri gravina, i	805	lsb	-509	wkg iea20
7.598,00	ieu890	corpo carabineri bagheria, i	749	lsb	-509	wkg iea20
7.598,00	ieu949	corpo carabineri napoli, i	850	lsb	-209	wkg iea20
7.600,00	3a7d	chinese military, chn	1541	cw	-209	v dkg6 dkg6 dkg6 de 3a7d 3a7d
7.601,50	437805	unid	1738	ale-usb snd	-309	
7.602,00	3a7d	chinese military	1552	cw	-109	clg "dkg6"
7.602,00	831	unid	1748	ale-usb snd	-109	clg "541"
7.604,00	3a7d	chinese military	1707	cw	-409	clg "dkg6"
7.604,00	dkg6	m8 9 chinese military	1913	cw	-409	clg 3a7d "dkg6 dkg6 dkg6 de 3a7d 3a7d"
7.608,00	142	unid	1904	ale-usb snd	-309	clg "260"
7.608,00	153	unid	1935	ale-usb snd	-309	clg "236"
7.608,00	236	unid	1919	ale-usb snd	-309	clg "260"
7.608,00	260	unid	1900	ale-usb snd	-309	clg "142"
7.609,60	---	unid	803	fsk 250/170	-409	encrypted/chipher
7.610,00	---	cis meteo/military	738	cis-14 96/500	-109	test/tfc kry '(/)
7.612,00	ld3	moi luanda, agl	1715	ale-usb snd	-109	later snds by bie prov¡ncia bi,, kuito
7.615,00	---	rus/cis military	1623	mpsk-1212/usb	-109	encrypted/chipher
7.615,00	---	unid presumed algerian military	1926	ale-usb snd	-409	calling fs10 rather weak missed the call
7.615,00	fav22	french army mont valerien, f	620	cw	-509	gr (a)
7.617,00	3061	unid	1128	ale-usb snd	-209	
7.617,00	3062ag	unid	658	ale-usb snd	-209	
7.617,00	3161	ncs civil defence, tur	1933	ale-usb snd	-409	
7.617,00	3541	unid	653	ale-usb snd	-209	
7.617,00	3551	unid	1142	ale-usb snd	-209	
7.617,00	3651	unid	708	ale-usb snd	-209	
7.617,00	3771	unid	633	ale-usb snd	-209	
7.617,00	4061	unid	1101	ale-usb snd	-209	
7.617,00	8031	unid	651	ale-usb snd	-209	

7.617,00		8161	unid	636	ale-usb snd	-209	
7.617,00		8251	unid	1013	ale-usb snd	-209	
7.617,00		8351	unid	1117	ale-usb snd	-209	
7.617,00		8551	unid	643	ale-usb snd	-209	
7.617,00		9850	unid	1132	ale-usb snd	-209	
7.618,00	---		unid	1723	cw	-209	tfc
7.619,60	---		unid	730	fsk 250/170	-109	encrypted/chipher
7.622,00	---		unid rus/cis military	2321	mpsk-12/usb	-509	encrypted/chipher
7.622,00	cs002		macadonian forces, mkd	726	ale-usb snd	-109	clg "rs0011"
7.622,00	cs002b		macadonian forces, mkd	1104	ale-usb snd	-109	clg "rs0017a" 1152 clg "rs0017a"
7.622,00	rs0011		macadonian forces, mkd	1615	ale-usb snd	-109	clg "cs002"
7.622,00	rs0012a		macadonian forces, mkd	1704	ale-usb snd	-409	clg "cs002b"
7.622,00	rs0013a		unid	1121	ale-usb snd	-1208	clg cs002b
7.622,00	rs0016a		macadonian forces, mkd	1404	ale-usb snd	-109	clg "cs002b"
7.622,00	rs0017a		macadonian forces, mkd	1152	ale-usb snd	-109	clg "cs002b"
7.622,00	rs006a		unid	1031	ale-usb snd	-1208	clg cs002a
7.622,00	rs008		macadonian forces, mkd	1740	ale-usb snd	-109	clg "cs002b"
7.622,00	rs009		macadonian forces, mkd	719	ale-usb snd	-109	clg "cs002"
7.624,00	fesz		rus/cis military	1818	cw	-409	ildw de fesz qtc = russian 5l msg
7.624,75	---		cis ptt	809	cis-arq 100/1000	-109	encrypted/chipher
7.625,00	---		cis ptt	917	cis-arq 100/500	-109	encrypted/chipher
7.628,00		2033	italian carabinieri, i	2109	ale-usb snd	-1108	to 2508 w/amd "dial4"
7.628,00	fwv		french navy nimes garons, f	732	nato-75 75/850	-1208	encrypted/chipher
7.628,00	pi		unid french navy	936	usb/nato-75/75/850	-1208	french simplex voice coordination of rtty
7.628,00	wv		french navy nimes garons, f	703	usb	-409	clg/kwg "pi"
7.629,00	---		unid rus/cis military	1745	mpsk-12/usb	-109	encrypted/chipher
7.630,00	rdp5		ptt kirov, rus	736	cis-arq 100/500	-109	encrypted/chipher
7.631,70	---		egyptian embassy dgmg london, g	1707	arq 100/170/atu-80	-209	wkg cairo 'from london to 71'
7.632,00	af720m1		unid	651	ale-usb snd	-209	clg "og700m1 0658 "od710m1"
7.632,00	ocgs		unid station	1430	fec 100/170	-509	calling mjwc & mjwj
7.632,00	og700m		unid	2215	ale-usb snd	-209	to od710m1 w/lqa & w/amds "5555555"
7.632,00	og700m1		unid	628	ale-usb snd	-209	clg "af720m1" 0628 "od710m1"
7.635,00	---		cis ptt	915	cis-arq 100/500	-109	encrypted/chipher
7.635,00	columbus 37		calling middle east 34, civil air patrol net	1401	usb voice	-509	
7.640,00	---		cis navy, cis	1745	mpsk-12/usb	-209	encrypted/chipher
7.640,00	---		russian navy "rgv82"	1820	usb	-1208	om/rr wkg naval hq moscow
7.640,00	rgv82		rus/cis navy, rus	1616	cw	-109	clg/wkg riw/gr(a
7.640,00	rgv87		rus/cis navy, rus	1633	cw	-109	clg/wkg riw/gr(a
7.641,00	---		russian military	1211	cis-75 75/200	-109	in traffic
7.642,00	lightning main		unid	1630	lsb	-209	
7.642,00	weapons		possible usmc net	1630	lsb	-209	with radio checks
7.643,00	mali		albanian military, alb	1656	ale-usb snd	-209	clg drini

7.644,20	rfvi	french forces le port, reu		1853	arq-e3	-509	idle
7.645,00	---	unid station		1427	fsk 200/1000	-1208	no decode acf=288
7.646,00	ddh7	pinnemberg meteo, d		724	rtty 50/450	-109	aaxx 0742 bbxx 0838
7.647,60	---	unid		1940	fsk 250/170	-309	encrypted/chipher
7.649,00	---	unid rus/cis military		1427	cis-75 75/250	-409	encrypted/chipher
7.650,00	---	cis meteo/military ?		734	cis-14 96/500	-109	tfc kry
7.650,00	2041	unid		1915	ale-usb snd	-409	clg "2503"
7.650,00	2053	unid		1842	ale-usb snd	-409	clg "2041" ' [amd] dial4'
7.651,00	---	unid rus/cis military		1634	mpsk-12/usb	-109	encrypted/chipher
7.651,00	---	unid rus/cis military		455	cis-75 75/250	-509	encrypted/chipher
7.651,00	aa1	israeli air force, isr		1821	ale-usb snd	-409	
7.651,00	aa4	israeli air force, isr		1723	ale-usb snd	-409	
7.651,00	aaa	israeli air force tel aviv, isr		1728	ale-usb snd	-409	
7.651,00	bb1	israeli air force palachim, isr		2012	ale-usb snd	-409	
7.651,00	bb5	israeli air force, isr		1803	ale-usb snd	-409	
7.651,00	dd1	israeli air force, isr		1810	ale-usb snd	-409	
7.653,00	---	unid		2324	cw	-209	simplex net, missed callsigns
7.653,00	6eaq	unid		2345	cw	-109	simplex with blms, 54 group 5fg's
7.653,00	fegz	unid		40	cw	-209	5fg msgs
7.653,00	hb8z	unid		430	cw	-209	5fg msgs to 6idb & qzpf
7.653,00	iytr	unid		2358	cw	-109	iytr contacted lk9u, simplex net
7.654,00	bi10bi99	algerian drs station, alg		1028	ale-usb snd	-109	clg "bi13bi99"
7.654,00	bi13bi99	algerian drs station, alg		1623	ale-usb snd	-109	clg "bi10bi99" 1627 clg "bi10bi99"
7.655,00	---	russian moruz system		1029	cis-50 50/450	-109	7425 7570 13985 and possibly 10315 khz
7.655,00	aa1	israeli air force, isr		1824	ale-usb snd	-409	calling m60
7.655,00	aaa	israeli air force tel aviv, isr		1823	ale-usb snd	-409	calling m60
7.655,00	m60	israeli air force, isr		1826	ale-usb snd	-409	answers call from aaa
7.657,00	---	unid rus/cis military		648	bee 36-50 50/200	-209	tfc kry
7.657,00	---	rus/cis military		1718	cw-fsk/	-309	gr n)
7.660,00	mcmz	unid		615	cw	-209	gr (a) 'mcmz mcmz mcmz
7.661,00	---	swiss military bern, sui		2130	ale-usb snd	-209	link protected call followed by encrypted
7.663,00	---	unid		1454	cw	-409	gr (n)'3t276 / 3t276 / 3t276 / 3t ==
7.664,00	riw	rus/cis navy moskva, rus		1749	cw	-109	wkg rcjg 1802 clg/wkg "rjq84"
7.668,00	---	unid		639	usb	-409	tfc ara simplex
7.668,00	---	unid		1710	ale-usb snd	-209	tfc kry simplex
7.669,00	---	unid		759	cw	-209	gr (n)ttt at end
7.670,00	42	lybian army, lby		1554	usb	-209	wkg "fulmine"
7.670,00	fulmine	lybian army, lby		1554	usb	-209	clg/wkg "042"
7.670,00	zeffiro	lybian army, lby		1630	usb	-109	clg/wkg "zeffiro65b"
7.670,00	zeffiro25	lybian army, lby		1719	usb	-109	wkg "zeffiro"
7.670,00	zeffiro60	lybian army, lby		1638	usb	-109	wkg "zeffiro"
7.670,00	zeffiro65	lybian army, lby		1631	usb	-109	wkg "zeffiro"
7.670,00	zeffiro65b	lybian army, lby		1630	usb	-109	wkg "zeffiro"
7.673,00	---	unid		805	ale-usb snd	-109	encrypted/chipher protected link simplex

7.675,00	---	unid rus/cis military	728	mpsk-12/usb	-309	encrypted/chipher
7.676,00	---	unid	1643	cw	-209	gr (n)'= 8t3 8t3 ttt'
7.676,00	---	unid rus/cis military	1707	mpsk-12/usb	-209	encrypted/chipher
7.677,00	---	unid rus/cis military	1728	mpsk-12/usb	-209	encrypted/chipher
7.677,70	---	egyptian diplo	856	arq 100/170	-509	tfc ara/s-off
7.678,00	---	unid rus/cis military	1019	cw	-109	tfc
7.678,00	hzbu	unid	528	cw	-209	clg/wkg "gt8b"
7.679,00	---	unid	718	cw	-209	tfc 'xxx xxx 1hsf 1hsf 19008 malekor'
7.683,00	hbd20	mfa bern/kernenried, sui	651	ale-usb snd	-209	encrypted/chipher protected link simplex
7.686,00	105	unid	1854	ale-usb snd	-309	clg "195"
7.686,00	195	unid	1828	ale-usb snd	-309	clg "105"
7.686,00	263	unid	1906	ale-usb snd	-309	clg "117"
7.690,00	ezi	mossad tel aviv, isr	535	usb	-409	in progress with 100 * 5l group msg
7.696,00	---	rus/cis military	1802	mpsk-1212/usb	-109	encrypted/chipher
7.696,00	---	unid rus/cis military	706	rus-75 75/200	-209	encrypted/chipher
7.696,00	rmzw	russian navy ship	2143	cw	-109	clg riw
7.698,00	9111	nigerian national police force, nig	2014	ale-usb snd	-209	
7.698,00	9113	nigerian police, nig	1736	ale-usb snd	-109	clg "911911"
7.698,00	911911	nigerian police, nig	1801	ale-usb snd	-109	clg "911913"
7.698,00	911913	nigerian police, nig	1809	ale-usb snd	-109	clg "911911"
7.700,00	---	unid rus/cis military	1643	mpsk-12/usb	-209	encrypted/chipher
7.700,00	222222	unid	1850	ale-usb snd	-409	
7.700,00	4560	unid	1840	ale-usb snd	-409	
7.700,00	4564	unid	1902	ale-usb snd	-409	
7.700,00	72222	unid	1607	ale-usb snd	-109	clg 222222
7.700,00	777777	unid	2008	ale-usb snd	-409	
7.700,00	888888	unid	2028	ale-usb snd	-409	
7.700,00	888888	unid	1707	ale-usb snd	-109	clg 222222
7.700,00	omega20r	uzbek forces, uzb	1825	ale-usb snd	-409	clg "omega70rs1702p"
7.700,00	omega50r	uzbek military	1658	ale-usb snd	-209	clg omega70rs1702p
7.700,00	omega51r	uzbek forces, uzb	1825	ale-usb snd	-409	clg "omega70rs1702p"
7.700,00	omega70r	uzbek military	1653	ale-usb snd	-209	clg omega10rs1702p
7.701,00	---	military	1725	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
7.702,00	---	rus/cis military	1956	mpsk-12/usb	-309	encrypted/chipher
7.702,00	---	unid rus/cis military	1431	cis-75 75/250	-509	encrypted/chipher
7.702,00	---	unid rus/cis military	1720	fsk 50/250	-409	encrypted/chipher
7.704,00	---	unid rus/cis military	651	mpsk-12/usb	-209	encrypted/chipher
7.705,00	---	unid	625	cw	-409	tfc/gr a
7.706,50	---	unid rus/cis military	1642	mpsk-12/usb	-209	encrypted/chipher
7.708,00	---	unid rus/cis military	1702	cis-75 75/250	-409	encrypted/chipher
7.708,00	---	unid rus/cis military	516	cw	-509	tfc
7.710,00	erda	saudi arabian border guard ardah, ars	1700	ale-usb snd	-409	clg "thabalot"
7.710,00	shbeta	saudi arabian border guard shabeetah, ars	1714	ale-usb snd	-409	
7.710,00	sheba	saudi arabian border guard, ars	1707	ale-usb snd	-409	

7.710,00	umalhatat	saudi arabian border guard umalhatat, ars	1720	ale-usb snd	-409	
7.712,00	---	unid	815	usb	-109	tfc ara/clg "riet"? simplex
7.713,00	---	unid military	1029	stanag-4285/600l/5n1/usb	-309	send kg84 msgs
7.714,00	---	unid rus/cis military	1722	fsk 50/250	-409	encrypted/chipher
7.714,50	---	unid military	1605	stanag-4285/600l/5n1/usb	-109	send kg84 msgs
7.715,00	111	unid	1740	ale-usb snd	-109	clg "112" 1754 clg "131"
7.715,00	112	unid	1834	ale-usb snd	-109	clg "111"
7.715,00	131	unid	1740	ale-usb snd	-109	clg "111"
7.720,00	---	swiss diplo	705	ale-usb snd	-109	tfc kry simplex
7.720,00	aqjc	unid	602	cw	-409	clg "2bgn" ' vvvv 2bgn 2bgn de aqjc'
7.720,00	hbd20	mfa bern, sui	818	ale-usb snd	-409	link protected exchange
7.723,00	khf	agana radio, gum	1743	pactor-gw	-109	encrypted/chipher/ch marker
7.725,00	---	swiss diplo	815	ale-usb snd	-109	tfc kry simplex
7.725,00	---	unid chinese	1441	usb	-109	yl/cc vx encrypted voice-mirror ?
7.725,50	---	chinese intel/mil ?	1820	usb	-109	gr (n)chn
7.727,00	---	unid	954	cw	-409	tfc
7.729,00	437806	unid	2102	ale-usb snd	-409	
7.729,00	437815	unid	918	ale-usb snd	-109	
7.729,00	437834	unid	1804	ale-usb snd	-409	
7.729,90	6320	unid	1509	ale-usb snd	-1208	
7.731,00	---	rus/cis military	1736	cw	-309	tfc
7.731,70	sse	mfa cairo, egy	1540	fec atu80	-1208	msg to beirut
7.739,00	sp1oz2	ao&g, alg	1758	ale-usb snd	-409	
7.739,00	sp2oz2	ao&g, alg	1811	ale-usb snd	-409	
7.739,00	sp3oz2	ao&g, alg	1848	ale-usb snd	-409	
7.740,00	v2vh	unid	647	cw	-309	vvvvvv
7.745,00	3111	nigerian police, nig	1804	ale-usb snd	-409	clg "311311"
7.745,00	311311	nigerian police, nig	1819	ale-usb snd	-409	snd 1835 clg "311313"
7.745,00	311312	nigerian police, nig	1840	ale-usb snd	-409	clg "311311"
7.745,00	311315	nigerian police, nig	1737	ale-usb snd	-409	clg "311311"
7.745,00	sse	mfa cairo, egy	1708	codan 16-tones/usb	-209	encrypted/chipher
7.746,35	---	unid	1640	fec 100/170	-209	tfc kry
7.746,70	sse	mfa cairo, egy	1745	arq 100/170/atu-80	-109	tfc ara
7.748,00	---	unid, rus rus	1234	cis-12/usb	-209	tfc
7.748,00	---	unid rus/cis military	654	mpsk-12/usb	-209	encrypted/chipher
7.748,00	rcv	cis navy sevastopol, ukr	640	cw	-209	clg rhv42
7.748,00	rir96	cis navy, rus	602	cw	-209	clg/wkg rcv 'ii ii rcv de rir96 k zgr k'
7.750,00	---	unid rus/cis military	1640	81-81 81/500	-209	encrypted/chipher
7.750,00	---	unid rus/cis military	1725	mpsk-12/usb	-209	encrypted/chipher
7.753,00	---	unid	842	usb	-109	tfc ara simplex
7.753,00	2222	unid	658	ale-usb snd	-409	
7.753,00	wnu	slidell radio, usa	1944	pactor-gw	-209	encrypted/chipher/ch marker
7.753,20	---	israeli military/intel, isr	1901	f1b/isr-300/300/340	-309	no decode
7.755,00	218	unid	1909	ale-usb snd	-509	clg "293"

7.755,00	293	unid	1845	ale-usb snd	-509	clg "276"
7.755,00	basecoqui	carabineros de chile, coquimbo, chl	231	ale-usb snd	-1208	later it snd on 7527 & 8125 khz too
7.755,00	baseescin	carabineros de chile, prob, chl	100	ale-usb snd	-1208	
7.755,00	baselosan	carabineros de chile, santa mar¡a, chl	100	ale-usb snd	-1208	
7.755,00	sse	mfa cairo, egy	1730	codan 16-tones/usb	-209	send msgs to bern
7.756,70	---	egyptian embassy	1744	arq 100/170/atu-80	-309	tfc ara 1828 clg/wkg cairo
7.756,70	sse	mfa cairo, egy	1734	arq 100/170/atu-80	-209	wkg bern
7.757,15	---	unid	1757	pactor ?	-109	encrypted/chipher ?
7.758,00	linb	unid rus/cis military	1745	cw	-109	clg/wkg "zu5x" 'zu5x de linb linb qtc k =
7.759,00	201	unid	2113	ale-usb snd	-209	
7.759,00	203	unid	1937	ale-usb snd	-209	
7.759,00	4nr7	polish forces	2146	ale-usb snd	-309	clg "sr300"
7.759,00	abaji	nnpc abaji, abuja/federal capitol terr, nig	1607	ale-usb snd	-109	
7.759,00	abudu	nnpc abudu, nig	2241	ale-usb snd	-309	
7.759,00	escravos	nnpc escravos, nig	1933	ale-usb snd	-209	
7.759,00	hs7w	polish forces	246	ale-usb snd	-309	clg "4nr7"
7.759,00	ibadan	nnpc ibadan, nig	2139	ale-usb snd	-309	0032 clg "benin" 0034 clg "ilorin" [amd]
7.759,00	izom	nnpc izom, nig	2045	ale-usb snd	-309	
7.759,00	jos	nnpc jos, nig	1841	ale-usb snd	-209	
7.759,00	kaduna	nnpc kaduna, nig	1947	ale-usb snd	-209	
7.759,00	kano	nnpc kano, nig	2212	ale-usb snd	-309	
7.759,00	lk3s	polish forces	509	ale-usb snd	-309	clg "4nr7"
7.759,00	lokoja	nnpc lokoja, kotonkar, kogi state, nig	1620	ale-usb snd	-109	
7.759,00	minna	nnpc minna, nig	1856	ale-usb snd	-209	
7.759,00	mjmd	polish forces	2014	ale-usb snd	-309	clg "4nr7"
7.759,00	mosimi	nnpc mosimi, nig	2158	ale-usb snd	-309	
7.759,00	omqc	nnpc, nig	2102	ale-usb snd	-209	
7.759,00	rbyg	polish forces	2015	ale-usb snd	-309	clg "lk3s"
7.759,00	sarkimpa	nnpc sarkimpa, nig	2156	ale-usb snd	-309	
7.759,00	suleja	nnpc suleja, nig	1817	ale-usb snd	-209	
7.759,00	warri	nnpc warri, nig	2146	ale-usb snd	-309	
7.759,00	yola	nnpc yola, nig	2134	ale-usb snd	-309	
7.759,00	ytfe	polish forces	2015	ale-usb snd	-309	clg "4nr7"
7.759,70	---	mfa cairo, egy	1910	arq 100/170	-409	calling and working algiers
7.760,00	cs004	macadonian forces, mkd	947	ale-usb snd	-409	clg "rs005d"
7.760,00	cs004a	macadonian forces, mkd	713	ale-usb snd	-409	clg "rs0016d"
7.760,00	rs0016d	macadonian forces, mkd	704	ale-usb snd	-409	clg "cs004a"
7.760,00	ulx	mossad tel aviv, isr	1030	usb	-309	qr (a)
7.761,00	---	unid	1813	usb	-209	tfc, chn ? simplex
7.763,00	---	unid rus/cis military	653	cis-75 75/200	-209	encrypted/chipher
7.765,00	---	unid, rou	600	usb	-409	tfc rou
7.765,00	control	french forces, f	600	usb	-409	tfc fra simplex
7.765,00	rai	saudi air force, ars	710	ale-usb snd	-209	clg "jai"
7.765,00	ral	saudi air force, ars	708	ale-lsb	-509	clg "jal" 0723 clg "jal" '[amd] 8024871'

7.765,00	ran	saudi air force, ars	724	ale-lsb	-509	clg "jan"	
7.765,00	rap	saudi air force, ars	725	ale-usb snd	-509	clg "jap"	
7.765,00	rau	saudi air force, ars	730	ale-usb snd	-509	clg "jau"	
7.765,00	resb1	resita roumanian police, rou	703	ale-usb snd	-509	clg "bmab1"	
7.766,70	---	egyptian embassy berna, sui	2000	arq 100/170/atu-80	-209	wkg cairo 6776,7	
7.766,70	sse	mfa cairo, egy	1648	arq 100/170/atu-80	-109	tfc ara/s-off	
7.770,00	l2ac	prefectura naval argentina "pna", arg	2240	usb	-109	om/ss sx wkg unid with spelled msgs	
7.771,00	---	unid	615	cw	-409	vvvvvv	
7.771,00	---	unid rus/cis military	1752	mpsk-12/usb	-209	encrypted/chipher	
7.771,70	---	argentine coast guard schoolship "mantilla"	225	fec	-1208	msg ", guardacostas pna mantilla ,,,"	
7.771,70	gc-27	argentine coast guard ship "prefecto fique"	223	fec	-109		
7.771,70	gcmapna	argentine coast guard prefectura naval	310	fec	-1208		
7.771,70	hp	unid pna argentine coast guard, arg	35	fec	-109	"ua de hp tengo qtc ap,,,,,,"	
7.771,70	l2ac	prefectura naval argentina "pna", arg	215	fec	-109	wkg unid w/msgs	
7.771,70	l3a	acg comodoro rivadavia, arg	2345	fec 100/170	-309	tfc spa 0430 tfc spa	
7.772,00	---	unid rus/cis military	728	mpsk-12/usb	-209	encrypted/chipher	
7.772,00	---	unid intel ?	904	usb	-309	gr 'troika adimka vocem null dvoic'	
7.772,00	---	unid military	757	nato-100 100/850	-209	encrypted/chipher	
7.772,00	escravos	nnpc escravos, nig	1724	ale-usb snd	-309		
7.772,00	ibadan	nnpc ibadan, nig	1719	ale-usb snd	-309		
7.772,00	izom	nnpc izom, nig	1804	ale-usb snd	-309		2152
7.772,00	jos	nnpc jos, nig	1809	ale-usb snd	-409		
7.772,00	kano	nnpc kano, nig	1817	ale-usb snd	-309		
7.772,00	minna	nnpc minna, niger state, nig	1651	ale-usb snd	-109		
7.772,00	mosimi	nnpc mosimi, nig	1857	ale-usb snd	-409		
7.772,00	omqc	unid nnpc, nig	1802	ale-usb snd	-309		
7.772,00	sarkimpa	nnpc sarkimpa, nig	1740	ale-usb snd	-309		
7.772,00	warri	nnpc warri, delta state, nig	1631	ale-usb snd	-109		
7.772,00	warri	nnpc warri, nig	2255	ale-usb snd	-309		
7.773,00	fav22	french army mont valerien, f	650	cw	-509	gr (a)	
7.775,00	skyblue	british antarctic survey bas field camp	35	usb	-1208	om/ee sx wkg az =vp-faz, "twin otter"	
7.777,00	---	unid military	1628	stanag-4285/1200l/5n1/usb	-209	send short messages	
7.777,00	---	prob chinese military	1914	cw	-409	mcw deep qsb, crypto msg	
7.777,00	99910	mfa cairo, egy	1750	usb/codan 75/	-109	clg 11105, egy emb,rome, italy	
7.777,00	sse	mfa cairo, egy	1736	qpsk codan-16 75/	-1208	bursts after op-chat on 7778,7 khz	
7.778,50	an1	fbi anchorage, als	237	ale-usb snd	-209	calling at1anta, ga, usa	
7.778,70	---	egyptian amb algier, alg	1859	arq 100/170/atu-80	-109	wkg cairo 6796,7	
7.778,70	---	egyptian embassy y-fg bern, alg	1958	arq 100/170/atu-80	-309	wkg cairo	
7.778,70	sse	mfa cairo, egy	1712	arq 100/170/atu-80	-109	clg/wkg london 8023,7 // 6791,7	
7.782,00	2bn	iraqi army, irq	1937	ale-usb snd	-109	clg "3bd1"	
7.782,00	545	unid	1742	ale-usb snd	-109	clg "656"	
7.785,00	tqjr	unid	732	cw	-209	clg/wkg "4gxs"	
7.786,70	---	dgmg egyptian embassy london, g	1655	arq 100/170/atu-80	-409	wkg cairo mn ln----dn aly almrajo'	
7.787,00	---	russian intel, rus	1914	rtty 200/500r/1,50	-409	stb auto broadcast with strings	

7.788,00	---	unid rus/cis military	741	rus-75 75/200	-309	encrypted/chipher
7.789,00	---	unid	818	cw	-109	tfc '3920 taganec 2862 5473 k'
7.792,00	mali	albanian military, alb	1655	ale-usb snd	-209	clg drini
7.792,00	sk9q	unid	644	cw	-409	clg/wkg "i8g8"
7.793,30	wnu	slidell radio, usa	820	gw-dataplex 100/200	-409	channel free marker hex header 0xd 8
7.795,00	---	russian intel ?	558	am	-409	gr(n rus
7.795,00	jmh	tokyo meteo, j	1821	fax 120/576	-109	cdt 1832,1850,1930 cdt 1910 sat img
7.795,00	jmh2	tokyo meteo, j	1821	fax 120/576	-409	24h temperature/dewpoint prognosis
7.796,70	sse	mfa cairo, egy	1947	arq 100/170/atu-80	-209	tfc ara
7.798,00	---	polish intel/mil	932	usb	-109	gr (n)pol
7.798,00	92	singapore navy ship, sng	2022	ale-usb snd	-409	clg "cn5" 2038,2058 clg "cn5"
7.798,40	---	unid	2137	arq-rs/228/170	-1208	tfc kry
7.800,00	---	unid station, irq	1635	usb	-409	tfc ara simplex
7.800,00	2421	unid station, irq	1634	ale-usb snd	-409	
7.800,00	2426	unid station, irq	1723	ale-usb snd	-409	
7.801,00	384097	kellog brown kbr root inc truck, irq	1757	ale-usb snd	-109	
7.801,00	4101	kellog brown & root, irq	1703	ale-usb snd	-409	
7.801,00	6101	kbr, irq	1830	ale-usb snd	-109	
7.801,00	624481	kellog brown & root [inc] truck), irq	1947	ale-usb snd	-1208	clg624813
7.801,00	624771	kellog brown root inc truck, irq	1803	ale-usb snd	-109	clg "379835"
7.801,00	6301	unid kellog brown root inc station, irq	1938	ale-usb snd	-309	
7.801,00	6701	kellog brown root, irq	1905	ale-usb snd	-409	
7.801,00	6801	kellog brown & root, irq	1712	ale-usb snd	-409	
7.801,00	6869	kbr, irq	1810	ale-usb snd	-109	
7.801,00	7201	kellog brown root, irq	1912	ale-usb snd	-409	
7.801,00	8101	kellog brown root, irq	1810	ale-usb snd	-409	
7.801,00	8601	kellog brown & root, irq	1817	ale-usb snd	-409	ppa
7.801,00	rcv	sevastopol, ukr cis navy	2106	cw	-209	clg/wkg rir96
7.801,00	rir96	cis navy, cis	647	cis-75 75/200	-209	encrypted/chipher
7.801,00	rir96	cis navy, cis	2110	cw	-209	clg/wkg rcv
7.804,00	fav22	french army mont valerien, f	730	cw	-209	gr (a)
7.809,00	---	moskva russian intel	1558	rtty 202/500	-109	gr(n)
7.810,00	1001	unid, turkish red crescent, tur	1949	ale-usb snd	-209	
7.810,00	2010	unid	1431	ale-usb snd	-109	
7.810,00	2011	unid, turkish red crescent, tur	1833	ale-usb snd	-209	
7.810,00	2012	unid, turkish red crescent, tur	1816	ale-usb snd	-209	
7.810,00	2013	unid, turkish red crescent, tur	1815	ale-usb snd	-209	
7.810,00	2014	unid, turkish red crescent, tur	1911	ale-usb snd	-209	clg "2010"
7.810,00	2015	unid	1251	ale-usb snd	-109	
7.810,00	2016	turkish red crescent society	1914	ale-usb snd	-109	
7.810,00	2017	turkish red crescent society	1940	ale-usb snd	-109	
7.810,00	3010	unid, turkish red crescent, tur	1758	ale-usb snd	-209	
7.810,00	3771	unid, turkish red crescent, tur	2102	ale-usb snd	-209	
7.810,00	4011	turkish red crescent society	2104	ale-usb snd	-109	

7.810,00	4013	unid	1257	ale-usb snd	-109	
7.810,00	4015	unid	1424	ale-usb snd	-109	
7.810,00	9850	turkish red crescent society	1756	ale-usb snd	-109	
7.810,00	9857	unid	1430	ale-usb snd	-109	
7.810,40	---	algerian military	1738	coquelet-8 2 6.6	-409	tfc kry
7.811,00	---	unid rus/cis military	740	rus-75 75/250	-209	encrypted/chipher
7.811,00	---	afrts feeder key west fl, usa	737	usb	-409	talk programme about afghanistan
7.813,00	---	unid rus/cis military	2234	rus-75 75/250	-309	encrypted/chipher
7.815,00	bacb4	bacau roumanian police, rou	624	ale-usb snd	-409	clg "devb4"
7.816,00	---	unid, chinese?	2255	usb	-209	yl cc? voice encryption system?
7.816,00	---	unid	1644	usb	-209	tfc, chn ? synthesized voice
7.816,70	sse	mfa cairo, egy	1701	arq 100/170/atu-80	-109	tfc ara/s-off
7.817,50	fav22	french army mont valerien, f	2016	cw	-409	5l msg after bt nr 75 m 31
7.819,00	11v1	unid iraqi army station, irq	1947	ale-usb snd	-309	sendmsgs to "igq"
7.819,00	12dv	iraqi army, irq	1500	ale-usb snd	-209	clg "mod"
7.819,00	12v	iraqi army, irq	1539	ale-usb snd	-209	clg "3db" 1544 clg "2db"
7.819,00	1bn	unid iraqi army station, irq	1757	ale-usb snd	-209	clg "2bd1"
7.819,00	1dv	iraqi army, irq	935	ale-usb snd	-109	clg "anb"
7.819,00	3db	iraqi army, irq	1537	ale-usb snd	-209	clg "12v"
7.819,00	4dv1	iraqi army, irq	1218	ale-usb snd	-209	clg "igq"
7.819,00	5dv1	kirkush iraqi army, irq	824	ale-usb snd	-109	clg "anb"
7.819,00	6dv1	unid iraqi army station, irq	1722	ale-usb snd	-209	sendmsgs to "igq"
7.819,00	7dv1	iraqi army, irq	1428	ale-usb snd	-209	clg "anb"
7.819,00	8dv1	iraqi army, irq	2118	ale-usb snd	-209	clg "guardia di finanza"
7.819,00	anb	iraqi army, irq	1454	ale-usb snd	-109	clg "1dv"
7.819,00	igq	unid iraqi army station, irq	1720	ale-usb snd	-209	sendmsgs to "6dv1"
7.819,00	krb	iraqi army, irq	1355	ale-usb snd	-209	clg "igq"
7.819,00	mod	iraqi army, irq	734	ale-usb snd	-209	send msgs to "bas"
7.820,00	---	egyptian diplo	1639	codan 16-tones/usb	-209	encrypted/chipher 6777,0
7.820,00	---	unid rus/cis military	1742	mpsk-12/usb	-109	encrypted/chipher
7.820,00	8111	nigerian police, nig	2127	ale-usb snd	-309	
7.820,00	811811	nigerian police, nig	1807	ale-usb snd	-309	clg "811814"
7.820,00	811814	nigerian police, nig	1806	ale-usb snd	-309	clg "811811"
7.821,70	sse	egyptian embassy cairo, egy	1734	arq 100/170/atu-80	-309	clg/wkg kuwait city 6771,7
7.822,00	---	unid	2325	pactor-3	-509	encrypted/chipher
7.823,00	lub	unid	647	usb	-409	tfc ing 'flight level ....'
7.823,10	---	unid	215	rtty 75/425	-209	ryry rtty test tape
7.823,70	---	french forces	721	arq-e3/192/400	-109	idle
7.825,00	---	unid	704	cw	-209	vvvv
7.826,00	---	unid alger, alg	656	lsb	-409	clg/wkg "426"
7.826,70	---	egyptian amb alger, alg	1603	arq 100/170/atu-80	-109	wkg cairo 12191,7
7.827,00	---	unid rus/cis military	1712	cw	-509	gr (a)
7.828,00	---	unid rus/cis military	630	mpsk-12/usb	-409	encrypted/chipher
7.830,00	502	unid	29	ale-usb snd	-309	1823

7.830,00	albatha	saudi arabian border guard, ars	1945	ale-usb snd	-309	
7.830,00	alkhairan	saudi arabian border guard al khiran, ars	2217	ale-usb snd	-309	
7.830,00	alsohma	saudi arabian border guard, ars	1911	ale-usb snd	-309	
7.830,00	damman	saudi arabian border guard ad damman, ars	1725	ale-usb snd	-209	
7.830,00	erda	saudi arabian border guard ardah, ars	1900	ale-usb snd	-309	
7.830,00	omalzomo	saudi arabian border guard, ars	2240	ale-usb snd	-309	
7.830,00	omgharibr	saudi arabian border guard mobile, ars	1654	ale-usb snd	-309	
7.830,00	shbeta	saudi arabian border guard shabeetah, ars	2341	ale-usb snd	-309	
7.830,00	shbetamol	saudi ar. border guard shabeetah mobile, ars	2041	ale-usb snd	-409	
7.830,00	sheba	saudi arabian border guard	1704	ale-usb snd	-209	
7.830,00	thabalot	saudi arabian border guard za'abalutin, ars	1606	ale-usb snd	-309	
7.830,00	umalhatat	saudi arabian border guard umalhatat, ars	1717	ale-usb snd	-209	
7.831,00	fav22	french army mont-valerien, f	1040	cw	-309	5lg bt nr 30 04 11 46 43 1987 bt zbgdr ..
7.831,00	gp1s	unid	1846	cw	-309	repeating p8uw de gp1s qsy 37374
7.834,00	---	unid nato	1049	link-11	-309	strong signal
7.835,00	---	unid coast guard traffic control ?	1555	usb	-409	clg "hnv9" 1556 clg "hopa" '.....'
7.836,00	---	rus/cis military	1800	bee 36-50 50/200	-109	tfc kry
7.837,00	---	enigma m03?	1537	cw	-409	14t/33 14t/33 = = 62483 62483 2t411 2t411
7.838,00	---	rus/cis military	1747	mpsk-12/usb	-309	encrypted/chipher
7.839,00	p2z10	us army	2024	ale-usb snd	-309	
7.839,00	t10cab	us army	2026	ale-usb snd	-309	
7.839,00	t1z10	us army	2005	ale-usb snd	-309	
7.839,00	t1z244	us military 244th aviation regiment, irq	1828	ale-usb snd	-209	
7.839,00	t3z10	us military 10th mountain division, irq	1743	ale-usb snd	-209	
7.839,00	t3z159	us army	1959	ale-usb snd	-309	2006 clg"ctm2a" 2013 clg "ctm2b"
7.839,00	t66cav	us army 6th squadron/6th cavalry, irq	1949	ale-usb snd	-409	"six-shooters"
7.841,00	---	unid	1034	usb	-309	tfc sla ? ? ? simplex
7.841,50	---	prb dtmam	1633	pactor-1 100/	-209	calling inguez in guezzam, no joy
7.841,70	---	prefecture, alg	600	pactor	-409	clg "insala" 0627 clg "dtntam"
7.842,00	130	unid	1744	ale-usb snd	-409	clg "200"
7.842,00	200	unid	1745	ale-usb snd	-409	clg "130" 1819 clg "269"
7.843,20	---	unid	1743	stanag-4285/600l	-209	encrypted
7.843,20	eba	spanish navy madrid, e	1845	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
7.844,00	dbe	unid	521	ale-usb snd	-509	clg "ali"
7.845,00	vkm	unid	1844	ale-usb snd	-109	clg "knl"
7.845,00	ydi	unid	1715	ale-usb snd	-109	clg "mch" 1724 clg "bni"
7.846,00	riw	russian navy hq moscow	6	cw	-109	
7.847,00	---	rus/cis military	1715	usb	-309	russian tfc simplex
7.848,00	---	unid rus/cis military	1846	mpsk-12/usb	-309	encrypted/chipher
7.848,00	---	rus/cis military	1735	cw	-109	tfc
7.848,00	aaa	tel aviv, israeli air force, isr	1815	ale-usb snd	-109	
7.848,00	bb3	161 sqn israeli air force, isr	1634	ale-usb snd	-109	dd3 and aaa also
7.848,00	dd3	israeli air force, isr	1749	ale-usb snd	-109	
7.848,00	riw	russian navy center moscow, rus	2337	cw	-1208	starting encyphered de riw zgr

7.850,00	chu	nrc ottawa, can	2024	usb	-409	ee announcement chu canada
7.851,00	chu	inst.e for nat. measurem. standards, can	2246	h3e	-509	barrhausen tx site time ticks
7.851,00	fav22	french army mont valerien, f	707	cw	-309	gr (a) 0710 s-off
7.853,00	iphw	unid	623	cw	-309	clg/wkg "jfz6"
7.853,20	---	unid military	742	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
7.855,00	99906	mfa cairo, egy	1755	usb/codan	-109	clg 33310, egy embassy nairobi, kenya
7.855,50	fdi22	narbonne french air force, f	1713	rtty 50/400	-309	ry+test+foxes
7.859,00	a7sv	unid rus/cis military	605	cw	-209	clg/wkg "x7sr"
7.859,00	waos	unid rus/cis military	736	cw	-109	clg/wkg "mot5"
7.860,00	albatha	saudi arabian border guard albatha, ars	1650	ale-usb snd	-409	clg "umalhatat"
7.860,00	alkhairan	saudi arabian border guard al khiran, ars	1918	ale-usb snd	-409	
7.860,00	alsohma	saudi arabian border guard alsohma, ars	1650	ale-usb snd	-409	clg "thabalot"
7.860,00	damman	saudi arabian border guard ad damma, ars	1651	ale-usb snd	-409	clg "erda"
7.860,00	erda	saudi arabian border guard ardah, ars	1651	ale-usb snd	-409	clg "amman"
7.860,00	manjor	saudi arabian border guard manjor	1923	ale-usb snd	-409	
7.860,00	shbeta	saudi arabian border guard shabeetah, ars	1725	ale-usb snd	-409	
7.860,00	sheba	saudi arabian border guard	1705	ale-usb snd	-409	
7.860,00	shebamob	unid mobile saudi arabian border guard	1705	ale-usb snd	-409	
7.860,00	thabalot	saudi arabian border guard za'abalutin, ars	1658	ale-usb snd	-409	clg "alsohma"
7.860,00	umalhatat	saudi arabian border guard umalhatat, ars	1708	ale-usb snd	-409	clg "albatha"
7.861,00	ral2	unid russian navy stn	1627	cw	-509	rfh2 de ral2 k twice without apparent response
7.861,00	ral2	unid russian navy	1515	cw	-309	wkg rhw 2 s/off with sk
7.861,00	rdu2	unid russian navy	1801	cw	-409	clg ral2 and rhw 2
7.862,00	---	dosc, rus	1615	rus 6-tone selcal tone	-109	sequence 1 6 4 2 5 3
7.862,00	---	rus/cis military	912	rus-75 75/250	-109	encrypted/chipher
7.862,00	almateefm	saudi arabian border guard almateef, ars	1710	ale-usb snd	-209	
7.862,00	almateefm	saudi arabian border guard almateef, ars	1702	ale-usb snd	-209	
7.862,00	betra	saudi arabian border guard betra, ars	1707	ale-usb snd	-209	
7.862,00	mohawela	saudi arabian border guard mohawelah, ars	1711	ale-usb snd	-209	
7.862,00	ommeleh	saudi arabian border guard ommeleh, ars	1809	ale-usb snd	-209	
7.862,00	wadeea	saudi arabian border guard wadeea, ars	1717	ale-usb snd	-209	
7.862,00	wadeeamo	saudi arabian border guard wadeea, ars	1717	ale-usb snd	-209	
7.862,50	---	fapsi	1816	crowd/usb	-109	tfc 'rnctlhpogmv dcwox '
7.866,30	---	israeli intel, isr	1637	psk 75/85 acf=112	-409	no decode pilot at 786 6.0
7.867,00	---	rus/cis military	545	mpsk-12/usb	-509	encrypted/chipher
7.868,00	---	unid rus/cis military	605	mpsk-12/usb	-409	encrypted/chipher
7.868,00	2010	turkish red crescent society	2124	ale-usb snd	-109	
7.868,00	2011	unid, turkish red crescent, tur	1834	ale-usb snd	-209	
7.868,00	2013	unid, turkish red crescent, tur	1816	ale-usb snd	-209	
7.868,00	2015	unid, turkish red crescent, tur	1731	ale-usb snd	-209	
7.868,00	2016	turkish red crescent society	1705	ale-usb snd	-109	clg "2010"
7.868,00	3010	unid, turkish red crescent, tur	1759	ale-usb snd	-209	
7.868,00	3771	turkish red crescent society	1702	ale-usb snd	-109	
7.868,00	4013	unid, turkish red crescent, tur	1729	ale-usb snd	-209	

7.868,00		4015	turkish red crescent society	2147	ale-usb snd	-109	
7.868,00		4017	unid, turkish red crescent, tur	1648	ale-usb snd	-209	
7.868,00		9850	turkish red crescent society	2157	ale-usb snd	-109	
7.868,00		9857	turkish red crescent society	2100	ale-usb snd	-109	
7.870,00	e15		unid	1749	ale-usb snd	-409	clg "t72" 1759 clg "t72"
7.870,00	t72		unid	1800	ale-usb snd	-409	clg "e15"
7.871,00	---		unid	1902	usb	-409	arabian simplex male/male comms.
7.871,00	akim		unid, alg	939	usb	-109	tfc ara simplex
7.871,35	---		unid	1634	fec 100/170	-409	tfc kry
7.874,00	---		unid rus/cis military	555	mpsk-12/usb	-209	encrypted/chipher
7.874,00	adc3		rus/cis military	1745	cw	-309	clg/wkg... 't9s7 de adc3 qsa k rptk rptk'
7.874,00	npsg		rus/cis military	1751	cw	-309	wkg "adc3"
7.874,00	oa2p		rus/cis military	1749	cw	-309	wkg "adc3"
7.874,00	t9s7		rus/cis military	1745	cw	-309	wkg "adc3"
7.875,00	---		unid rus/cis military	1433	mpsk-12/usb	-509	encrypted/chipher
7.876,00	chpk		rus/cis military	604	cw	-409	clg/wkg "qzgv"
7.877,00	rcv		cis navy sevastopol, ukr	1730	cw	-209	clg/wkg rhv42 'rhv42 rhv42 de rcv rcv'
7.877,00	rhv42		cis navy, cis	1732	cw	-209	clg/wkg rcv 'rcv rcv rcv de rhv42 rhv42'
7.879,00	---		unid	1710	fsk 200/1000	-509	encrypted/chipher
7.880,00	ddk3		pinnemberg meteo ,d	747	fax 120/576	-109	cdt 0802,0815,0828,0840,0852,0904 cdt
7.886,00	---		rus/cis military	1707	mpsk-12/usb	-309	encrypted/chipher
7.886,00	---		unid rus/cis military	1018	81-81 81/200	-109	encrypted/chipher
7.890,00	cs001		macadonian forces, mkd	1000	ale-usb snd	-109	send msgs to "rs002"
7.890,00	cs001a		macadonian forces, mkd	835	ale-usb snd	-109	clg "rs0011a"
7.890,00	cs001b		macadonian forces, mkd	1150	ale-usb snd	-109	clg "rs0016b"
7.890,00	rs0013b		macadonian forces, mkd	1407	ale-usb snd	-109	
7.890,00	rs0016b		macadonian forces, mkd	1150	ale-usb snd	-109	clg "cs001b"
7.890,00	rs0017b		unid	1123	ale-usb snd	-1208	clg cs001b
7.890,00	rs002		macadonian forces, mkd	959	ale-usb snd	-109	clg "cs001"
7.890,00	rs004		macadonian forces, mkd	656	ale-usb snd	-409	clg "rs003"
7.890,00	rs005		unid	1456	ale-usb snd	-209	clg cs001
7.890,00	rs006		macadonian forces, mkd	1314	ale-usb snd	-109	clg "cs001"
7.890,00	rs009a		macadonian forces, mkd	1717	ale-usb snd	-409	clg "cs001"
7.899,00	---		unid	700	ale-usb snd	-209	encrypted/chipher protected link simplex
7.900,00	---		adrar, alg	700	usb	-209	wkg alger
7.900,00	---		rus/cis military	1744	mpsk-12/usb	-309	encrypted/chipher
7.903,00	xvg		hai phong radio, vtn	1734	usb	-309	vietnamese yl with identification
7.903,50	al1		fbi albany, usa	119	ale-usb snd	-509	clg "qt1"
7.904,60	---		unid station	1811	siemens chp-200/250/170	-409	no decode
7.905,00	24toc		us army baghdad/camp taji, irq	1806	ale-usb snd	-209	
7.905,00	34toc		us army baghdad/camp taj, irq	2017	ale-usb snd	-409	
7.914,00	---		rus/cis military	547	mpsk-12/usb	-509	encrypted/chipher
7.917,00	mali		albanian military, alb	1654	ale-usb snd	-209	clg drini
7.918,00	yhf		mossad tel aviv, isr	533	usb	-409	callup yhf2 no message

7.918,00	yhf2	mossad tel aviv, isr	730	usb	-209	gr (a)
7.920,00	---	unid	1922	stanag-4285	-209	itu says cyprus
7.920,00	---	turkish forces, tur	1740	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
7.928,00	---	unid rus/cis military	1547	mpsk-12/usb	-209	encrypted/chipher
7.931,00	3y7h	unid rus/cis military	1645	cw	-109	clg/wkg "dykb"/gr(n)
7.931,15	ljzd	rus/cis military	609	cw	-409	clg/wkg ... net control duplex
7.931,50	---	rus/cis military	641	mpsk-12/usb	-409	encrypted/chipher
7.932,00	p4ti	russian military, rus	616	cw	-309	qtc to 5biq after p4ti44 22 22 0848 444 =
7.934,00	---	rus/cis military	1624	mpsk-12/usb	-309	encrypted/chipher
7.936,00	---	unid rus/cis military	1624	mpsk-12/usb	-209	encrypted/chipher
7.938,00	---	arada irq [...]	1725	usb	-209	tfc ara simplex with beep
7.938,00	---	unid rus/cis military	637	mpsk-12/usb	-309	encrypted/chipher
7.938,00	cs001	macadonian forces, mkd	1511	ale-usb snd	-109	clg "rs006"
7.938,00	cs001a	macedonian military	1556	ale-usb snd	-509	contacts rs008a
7.938,00	ftwh	unid	539	cw	-509	vvv /clg/wkg "3ndz"
7.938,00	rs0013b	unid	918	ale-usb snd	-1208	clg cs001b
7.938,00	rs0017b	unid	1122	ale-usb snd	-1208	clg cs001b
7.938,00	rs002	macedonian forces, mkd	823	ale-usb snd	-209	send msgs to "cs001"
7.938,00	rs004	macedonian forces, mkd	1043	ale-usb snd	-509	clg "cs001"
7.938,00	rs005	macedonian forces, mkd	1253	ale-usb snd	-309	clg "cs001"
7.938,00	rs006	macedonian forces, mkd	1326	ale-usb snd	-109	send msgs to "cs001"
7.939,00	k9lk	unid	729	cw	-309	tfc
7.943,00	rj/6	brazilian army rio de janeiro, b	2047	unid	-209	wkg mg/5 minas geraisstate ax.25 and j3e
7.944,00	---	rus/cis military	1653	mpsk-1212/usb	-109	encrypted/chipher
7.944,00	riw	navy hq moscow, rus	2046	cw	-209	working simplex with rmsb
7.944,00	rmsb	unid russian navy warship	2046	cw	-209	working riw
7.945,50	ncr22ncr2	us navy gulfport,ms, usa	706	ale-usb snd	-309	clg "nmcb21ncr"
7.946,00	5757	unid	1712	ale-usb snd	-509	
7.949,00	abaji	nnpc abaji, nig	1850	ale-usb snd	-209	
7.949,00	escravos	nnpc escravos, nig	1930	ale-usb snd	-209	
7.949,00	ilorin	nnpc ilorin, nig	1913	ale-usb snd	-409	
7.949,00	jos	nnpc jos, nig	1757	ale-usb snd	-309	
7.949,00	minna	nnpc minna, nig	1900	ale-usb snd	-209	
7.949,00	omqc	nnpc, nig	1908	ale-usb snd	-209	
7.949,00	suleja	nnpc suleja, nig	2205	ale-usb snd	-209	
7.949,50	fdi 22	french air force narbonne, f	2021	rtty 50/400e/2 stopbits	-409	test+ry+foxes
7.950,00	aaa	ncs israeli air force tel aviv, isr	1856	ale-usb snd	-509	
7.952,00	3wor	unid	645	cw	-509	clg/wkg "wge3"
7.954,00	9112	nigerian police, nig	1717	ale-usb snd	-409	
7.954,00	911911	nigerian national police force, nig	1728	ale-usb snd	-209	clg "911917"
7.954,00	911917	nigerian national police force, nig	1728	ale-usb snd	-209	clg "911911"
7.954,00	bi10bi99	algerian drs station, alg	1658	ale-usb snd	-409	send msgs to "bi13bi99"
7.954,00	bi13bi99	algerian drs station, alg	1657	ale-usb snd	-409	clg "bi10bi99"
7.954,00	cemtxa	unid	1717	cw	-109	tfc 'fm cemtxa x coord x saie lop'

7.954,00	rit	nf hq severomorsk, rus	1000	cw	-1208	rlo de rit qtc 106	
7.955,00	---	rus/cis military	1631	mpsk-12/usb	-409	encrypted/chipher	
7.957,00	bpvl	rus/cis military	1428	cw	-509	comms checks with at least ???? and cycj	
7.957,50	---	french army mont valerien, f	712	arq-e 18 4.5/400	-309	idle	
7.958,00	226	unid	1714	ale-usb snd	-409	clg "241" 1748 clg "277"	
7.961,00	aa1	israeli air force, isr	1835	usb	-409		
7.961,00	aaa	israeli air force tel aviv, isr	1835	ale-usb snd	-409		
7.963,00	ici04	italian coast guard napoli, i	851	usb	-509	clg iglb	
7.964,00	4uv6	unid net control	1718	cw	-409	clg/wkg	
7.964,00	5kzh	unid net control	1708	cw	-509	clg/wkg	
7.964,00	kti6	unid rus/cis military	1836	cw	-309	clg 9nim and w8c 5	
7.964,00	sidv	unid	2234	cw	-309	clg "7k5u' 2237 clg "n4xi"	
7.965,00	aa1	israeli air force 103 sqn ben gurion, isr	1731	ale-usb snd	-509		
7.965,00	cs002	macadonian forces, mkd	935	ale-usb snd	-409	send msgs to "rs009"	
7.965,00	cs002a	macadonian forces, mkd	813	ale-usb snd	-109	clg "rs006a"	
7.965,00	rs0011	macadonian forces, mkd	1032	ale-usb snd	-409	clg "bs0010a"	
7.965,00	rs0017a	macadonian forces, mkd	1011	ale-usb snd	-409	clg "cs002b"	
7.965,00	rs002a	unid	919	ale-usb snd	-1208	clg cs002a	
7.965,00	rs006a	unid	1027	ale-usb snd	-1208	clg cs002a	
7.965,00	rs008	macadonian forces, mkd	823	ale-usb snd	-409	clg "cs002"	
7.965,00	rs009	macadonian forces, mkd	934	ale-usb snd	-409	clg "cs002"	
7.965,00	ts1	israeli air force	1917	ale-usb snd	-509	sounds at 1932, ts1 sounds again at 2017	
7.965,00	ts2	israeli air force	1703	ale-usb snd	-509		
7.966,00	2222	unid	606	ale-usb snd	-409		
7.966,00	555	unid	1831	unid	-509	morrocan military sending	
7.966,30	---	rus/cis military	1708	cis-75 75/250	-509	encrypted/chipher	
7.967,00	---	unid	2021	globedata	-209	various unknown ships	
7.967,00	7i8m	cis pbbly russian military net	105	cw	-209		
7.967,00	aaa	israeli air force tel aviv, isr	1938	ale-usb snd	-309		2053
7.967,00	dd3	israeli air force, isr	1938	ale-usb snd	-309		
7.967,00	jx5q	russian military net	203	cw	-209		
7.967,50	---	raf volmet swanwick, g	507	usb	-409	wx 1650 wx //5450,0	
7.968,00	---	rus/cis military	1706	cis-75 75/250	-509	encrypted/chipher	
7.969,00	aci7	unid	534	cw	-409	clg/wkg "sklz"	
7.969,00	alr	ao&g ali bel rida, alg	729	ale-usb snd	-1208	snd 0928,1137,1229,1323	
7.969,00	amk3	unid	815	cw	-109	tfc/gr(a 'de amk3 as nw qrvk '	
7.969,00	hr	ao&g hassi r'mel, alg	757	ale-usb snd	-1208	snd 1007,1108,1137,1202,1301	
7.971,00	fav22	french army mont valerien, f	657	cw	-109	gr(a)	
7.972,00	bzl26	unid	1844	fsk 50/500	-309	encrypted/chipher	
7.975,00	cs003	macadonian forces, mkd	633	ale-usb snd	-409	clg "rs0012"	
7.975,00	cs003b	macadonian forces, mkd	1627	ale-usb snd	-109	send msgs to "rs008b"	
7.975,00	rs0012	unid	1857	ale-usb snd	-109	clg cs003	
7.975,00	rs0013	unid	1850	ale-usb snd	-109	clg cs003	
7.975,00	rs0014	macadonian forces, mkd	723	ale-usb snd	-509	clg "cs003"	

7.975,00	rs0016	macadonian forces, mkd	608	ale-usb snd		-509	clg "cs003"
7.975,00	rs0017	macadonian forces, mkd	1032	ale-usb snd		-509	clg "cs003"
7.975,00	rs002b	macadonian forces, mkd	620	ale-usb snd		-509	clg "cs003"
7.975,00	rs005b	macadonian forces, mkd	1118	ale-usb snd		-509	clg "cs003b"
7.975,00	rs008b	macadonian forces, mkd	1626	ale-usb snd		-109	clg "cs003a"
7.975,00	rs009b	macadonian forces, mkd	1720	ale-usb snd		-109	clg "cs003a"
7.975,50	---	nato tadil modem	1854	link-11 2250/isb 2-channel		-409	or sideband diversity
7.978,00	---	unid	739	cw		-209	gr (n)tttt at end
7.978,00	rie039	polish military	1108	ale-usb snd		-209	clg wie028
7.979,00	---	rus/cis military	614	cis-75 75/250		-509	encrypted/chipher
7.980,00	---	unid rus/cis military	1825	ms-5/usb		-309	
7.980,00	---	rus/cis military	1655	mpsk-1212/usb		-109	encrypted/chipher
7.980,00	107	unid	1942	ale-usb snd		-109	
7.980,00	728	unid	1831	ale-usb snd		-209	
7.980,00	abaji	nnpc abaji, nig	2044	ale-usb snd		-109	
7.980,00	izom	nnpc izom, nig	2138	ale-usb snd		-209	
7.980,00	jos	nnpc jos, nig	2051	ale-usb snd		-109	
7.980,00	kano	nnpc kano, nig	1730	ale-usb snd		-209	
7.980,00	kzn508	sailmail association, rock hills	1710	cw		-509	with id in cw
7.980,00	lokoja	nnpc lokoja, nig	2112	ale-usb snd		-109	
7.980,00	minna	nnpc minna, nig	2000	ale-usb snd		-109	
7.980,00	omqc	nnpc ,nig	2036	ale-usb snd		-109	
7.980,00	sarkinpa	nnpc sarkimpa, nig	1837	ale-usb snd		-209	
7.980,00	suleja	nnpc suleja, nig	1740	ale-usb snd		-109	
7.980,00	warri	nnpc warri, delta state, nig	1635	ale-usb snd		-109	
7.980,00	yola	nnpc yola, nig	2047	ale-usb snd		-109	
7.980,40	catskill	unid	1710	usb		-209	calling unid
7.983,00	3ufo	unid	1049	cw		-309	clg "srkz"
7.983,00	m4iv	unid	1	cw		-109	m4iv contacted zopl, comm check
7.984,00	---	unid rus/cis military	1740	mpsk-12/usb		-109	encrypted/chipher
7.984,00	---	unid rus/cis military	746	rus-75 75/250		-209	encrypted/chipher
7.988,00	---	unid	37	cw		-1208	zero beat freq w/ crypto ? msg
7.990,00	---	unid rus/cis military	1656	cis-75 75/250		-409	encrypted/chipher
7.990,00	---	unid rus/cis military, cis	716	81-81 40,50/1000		-109	encrypted/chipher 0723 s-off
7.990,00	cun	cunene agl police	1823	ale-usb snd		-209	
7.990,00	jci	saudi air force, ars	1840	ale-usb snd		-209	clg "rfi"
7.990,00	jcp	saudi air force, ars	1710	ale-usb snd		-209	clg "rfp"
7.990,00	ld2	luanda agl police	1742	ale-usb snd		-209	
7.991,00	---	roumanian military	1020	ale-usb snd		-109	encrypted/chipher protected link simplex
7.991,00	fav22	french army mont valerien, f	1655	cw		-409	gr (a)
7.992,00	---	unid	1710	fsk 200/1000		-109	encrypted/chipher
7.993,00	---	rus/cis military	105	cis-75 75/250		-309	encrypted/chipher
7.994,00	---	air defense, rus	1058	pactor-gw		-309	cw -12100662874656 22104901090824
7.994,00	---	russian air defence string	610	cw		-409	#ERROR!:parse

7.994,00	---	russian air defence, rus	517	cw	-409	time strings = 99?t917?9?????
7.994,00	rea4	rus/cis air force moskva, rus	723	cw	-309	counting string
8.000,00	---	unid	1741	usb	-209	tfc ara simplex
8.000,00	2033	italian carabinieri, i	2012	ale-usb snd	-1108	to 2046 w/amd "dial4"
8.000,00	2211	us army, irq	623	ale-usb snd	-109	
8.000,00	2214	unid	2215	ale-usb snd	-209	
8.000,00	2503	unid	1857	ale-usb snd	-409	clg "2401" 1933,2035 clg "2401" '[amd]dial4 '
8.000,00	3001	unid ***1 net	2356	ale-usb snd	-209	
8.000,00	aaa	ncs afhq tel-aviv, isr	1857	ale-usb snd	-509	
8.000,00	b03	possible us government or military	1850	ale-usb snd	-509	
8.000,00	t2z211	us military 2-211 gen. supp. avi. batt, kwt	1734	ale-usb snd	-209	
8.000,00	tc152	us military c company 1st bn, 52nd avn regt	1815	ale-usb snd	-209	
8.000,00	tc2149	us army, irq	2236	ale-usb snd	-209	
8.000,00	tc2159	us mil. 149th aviation rgt, 2nd gsab, irq	1720	ale-usb snd	-209	
8.000,00	tc2z3	us army, irq	2242	ale-usb snd	-109	
8.000,50	adw	andrews afb & b03	1758	ale-usb snd	-509	
8.000,50	b69	unid station, very strong signal	1434	ale-usb snd	-509	
8.000,50	hblzdrd1	roumanian military, rou	701	ale-usb snd	-409	clg "hfjcdrd1" 0710,0717 clg "hfjcdrd1"
8.000,50	hfjcdrd1	roumanian military, rou	814	ale-usb snd	-409	clg "hblzdrd1"
8.000,50	off	us air force offut afb, usa	1948	ale-usb snd	-509	also adw-andrews afb, md & b69-unid.
8.001,00	611611	nigerian police, nig	2103	ale-usb snd	-209	2146 clg "611615"
8.001,00	611613	nigerian police, nig	2047	ale-usb snd	-209	clg "611611"2053
8.001,00	611615	nigerian national police force, nig	2252	ale-usb snd	-209	clg611611
8.001,00	611617	nigerian police, nig	1955	ale-usb snd	-209	clg "611611"
8.002,00	---	rus/cis military	1122	bee 36-50 50/200	-109	tfc kry
8.002,00	---	unid	1926	cis mpsk-12ch/usb	-509	pilot tone at 3300 hz.
8.002,00	---	unid rus/cis military	1430	mpsk-12/usb	-409	encrypted/chipher
8.002,50	---	unid	1720	cw	-309	gr (a)
8.003,50	---	algerian prefecture, illizi	1007	pactor-3	-209	encrypted/chipher
8.004,00	in2w	unid	739	cw	-509	gr (a)
8.004,50	---	rus/cis military	903	bee 36-50 50/100/200	-109	tfc kry
8.005,00	---	unid	1737	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
8.008,00	---	rus/cis military	107	mpsk-12/usb	-309	encrypted/chipher
8.008,00	2060	unid	627	ale-lsb	-409	clg "2000"
8.010,00	---	unid cis mil/meteo ?	458	cis-14 96/1000	-409	tfc kry
8.010,00	bi10bi99	algerian drs station, alg	1924	ale-usb snd	-409	clg "bi13bi99"
8.010,00	bi13bi99	algerian drs station, alg	617	ale-usb snd	-409	clg "bi10bi99" 0702 clg "bi10bi99"
8.012,00	---	unid	1538	nato 75/850	-109	encrypted/chipher
8.012,00	---	unid military	750	nato-100 100/850	-209	encrypted/chipher
8.012,00	0011arca|	cap, usa	48	ale-usb snd	-309	
8.012,00	004merca|	cap matthews, usa	313	ale-usb snd	-509	
8.012,00	201serca|	cap, usa	46	ale-usb snd	-309	
8.012,00	avs	cap, usa	222	ale-usb snd	-409	snd 0415
8.012,00	kig449	cap richmnod, usa	420	ale-usb snd	-309	

8.012,00	tns	algerian embassy tunis, tun	1629	ale-usb snd	-309	clg"mae" from 1630 to 1707 clg "mae"
8.012,00	wh1	cap, usa	2342	ale-usb snd	-509	snd 0136
8.016,50	---	unid rus/cis military	711	mpsk-12/usb	-209	encrypted/chipher
8.017,00	q8wr	unid	650	cw	-209	clg/wkg "bjd2" 'bjd2 bjd2 bjd2 de q8wr'
8.018,00	---	unid	1753	ale-usb snd	-409	clg "238"
8.020,00	---	egyptian diplo	1749	codan 16-tones/usb	-209	encrypted/chipher
8.020,00	2528	unid	1917	ale-usb snd	-209	
8.020,00	2528	unid	2053	ale-usb snd	-209	clg 2527
8.020,00	charly46	hq 46 bde italian af pisa-san giusto ab	1856	ale-usb snd		calls 60-c-130j-30 mm62194/46-60
8.022,00	sse	egyptian embassy khartoum, sdn	1841	codan 16-tones/usb	-409	wkg cairo 9045,0
8.023,70	---	egyptian embassy khartoum, sdn	1839	arq 100/170/atu-80	-409	wkg cairo 9046,7
8.024,20	---	unid	2005	pactor-1	-109	bin/file or encrypt tfc
8.027,00	unid	mil-style net, in spanish	236	usb	-109	ids heard "banda","angel"
8.028,50	---	fapsi	1706	crowd/usb	-109	tfc 'djnfcktzypqobg rmlawwalmr, e siu'
8.029,00	---	unid	1045	ale-usb snd	-309	encrypted/chipherprotected link simplex
8.029,00	10250	unid	1237	ale-usb snd	-109	
8.029,00	3341	unid	1203	ale-usb snd	-109	clg "3011 3011lq" 1212,1216,1222
8.029,50	24toc	unid us army, irq	1759	ale-usb snd	-209	
8.029,50	r2025	helo us army, irq	1909	ale-usb snd	-209	clg "24toc"
8.029,50	tf449	unid us army, irq	1739	ale-usb snd	-209	
8.032,00	fav22	french army mont valerien, f	1630	cw	-209	gr (a) 'nr 33, f 10 18 11 11 1987 bt'
8.038,00	2033	italian carabinieri, i	1957	ale-usb snd	-1108	to 2032 w/amd "dial4"
8.040,00	---	unid rus/cis military	1023	rus-75 75/250	-109	encrypted/chipher
8.040,00	gya	royal navy london/northwood, uk	218	fax	-209	w/ weather nice sigs
8.042,00	ca2	unid chilean navy	2255	ale-usb snd	-209	sx wkg bvg w/dbm & amd msgs
8.042,80	am1	brasilian military, b	2104	packet 200/200	-1208	clg/wkg "ro1"
8.042,80	ro1	brasilian military rondonia, b	2109	packet 200/200	-1208	wkg "am1"
8.042,80	rr1	brasilian military	2110	packet 200/200	-1208	wkg "am1" 'qrv movto'
8.044,50	---	fapsi	839	crowd/usb	-209	tfc 'vgplcri(@7 vgplcri(@7'
8.045,00	2033	italian carabinieri, i	1949	ale-usb snd	-1108	to 2039 w/amd "dial4"
8.045,00	uwm2	unid	1119	cw	-509	"v zkt5 zkt5 zkt5 de uwm2 uwm2"
8.047,00	---	unid	1704	cw	-509	gr(n) 'ttt ttt at end
8.047,00	---	intel	1841	usb	-409	gr(n) rus 'adim adim noll citiria schet'
8.048,00	9233	unid	1641	ale-usb snd	-209	
8.050,00	825&767	unid stations	1746	ale-usb snd	-509	very strong signals
8.050,00	tbb	turkish navy ankara, tur	943	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.052,50	---	rus/cis military	1705	mpsk-12/usb	-309	encrypted/chipher
8.055,50	---	unid military, chn	1645	vft/2x4ch/qpsk/75bps	-209	idling and tfc
8.056,00	104	unid	510	ale-usb snd	-409	calling 101
8.056,00	t34cab	balad irq usang	1814	ale-usb snd	-409	
8.056,70	sse	egyptian embassy cairo, egy	2058	arq 100/170/atu-80	-309	clg/wkg pyongyang
8.056,70	t2z149	us army, irq	2005	ale-usb snd	-109	snd 2035, 2105
8.057,00	0	unid	2359	ale-usb snd	-1208	
8.058,00	102	unid prob chinese	1125	ale-usb snd	-109	calling 101

8.058,00	103	unid may be chinese	1301	ale-usb snd	-109	calling 101
8.058,00	105	unid	120	ale-usb snd	-109	calling 102
8.058,60	kvx	unid us emb?	808	ale-usb snd	-409	to kvx50, @ 0 8.12 to kvx5 3.
8.058,60	kvx45	unid us emb?	1122	ale-usb snd	-409	to keh3 5
8.058,60	kvx53	unid us emb?	832	ale-usb snd	-409	to kvx5 6
8.058,60	kwa22	us-dept of state emerg. & evac. netw.	1039	ale-usb snd	-109	clg kwx96
8.058,60	kwa43	unid us emb?	842	ale-usb snd	-409	to kxv4 5
8.058,60	kwf22	unid us emb?	2147	ale-usb snd	-409	
8.058,60	kwf28	unid us emb?	2258	ale-usb snd	-409	
8.058,60	kwp95	us-dept of state "emerg. & evac. netw."	1006	ale-usb snd	-1208	clg kwp96
8.058,60	kws92	unid us emb?	740	ale-usb snd	-409	to kwx5 7
8.058,60	kws98	unid us emb?	621	ale-usb snd	-409	to kwv71os
8.058,60	kws99	unid us emb?	636	ale-usb snd	-409	to kwv71os
8.058,60	kwt90	unid us emb?	1403	ale-usb snd	-409	clg kwt49 for radio test after ale call-up
8.058,60	kwt98	unid us emb?	822	ale-usb snd	-409	to kwt9 3
8.058,60	kwx90	unid us emb?	1402	ale-usb snd	-409	to kwt49, @1 4.06 to kwy23, @1 4.13 to kwx9 2
8.058,60	kwx96	us-dept of state "emerg. & evac. netw."	1039	ale-usb snd	-109	clg kwa22
8.058,60	kwx99	unid us emb?	848	ale-usb snd	-409	to kvx5 3.
8.058,60	wng809	unid us emb?	2223	ale-usb snd	-509	
8.059,00	106001	unid	1807	ale-lsb snd	-109	
8.060,00	9001	unid	1832	ale-usb snd	-509	
8.060,00	9433	unid	1627	ale-usb snd	-109	
8.060,00	cs003	macadonian forces, mkd	1826	ale-usb snd	-109	tfc kry
8.060,00	cs003a	macadonian forces, mkd	1411	ale-usb snd	-109	clg "rs009b"
8.060,00	cs003b	macadonian forces, mkd	843	ale-usb snd	-109	clg "rs002b"
8.060,00	rs0011b	macadonian forces, mkd	1640	ale-usb snd	-509	clg "cs003a"
8.060,00	rs0012	macadonian forces, mkd	1046	ale-usb snd	-509	clg "cs003"
8.060,00	rs0013	macadonian forces, mkd	1712	ale-usb snd	-509	clg "cs003"
8.060,00	rs0014	macadonian forces, mkd	813	ale-usb snd	-109	clg "cs003"
8.060,00	rs0016	macadonian forces, mkd	828	ale-usb snd	-409	clg "cs003"
8.060,00	rs0017	macedonian forces, mkd	1333	ale-usb snd	-309	clg "cs003"
8.060,00	rs002b	macadonian forces, mkd	842	ale-usb snd	-109	clg "cs003b"
8.060,00	rs005b	macadonian forces, mkd	1426	ale-usb snd	-109	clg "cs003b"
8.060,00	rs008b	macadonian forces, mkd	1806	ale-usb snd	-509	clg "cs003a"
8.060,00	rs009b	macadonian forces, mkd	1609	ale-usb snd	-109	clg "cs003a"
8.065,00	---	unid	1901	fsk 200/1000	-209	encrypted/chipher
8.065,00	sse	mfa cairo, egy	1743	codan 16-tones/usb	-209	encrypted/chipher
8.066,70	sse	mfa cairo, egy	1756	arq 100/170/atu-80	-209	tfc ara
8.066,70	sse	mfa cairo, egy	1937	fec 100/170/atu-80	-309	tfc ara
8.067,50	---	fapsi	2151	crowd/usb	-409	tfc 'djnfcktzypqobg rmlawwalmr e siu'
8.070,00	---	ukrain army kiev, ukr	700	rtty 50/500	-409	tfc kry
8.071,00	---	unid	1823	stanag-4285/1200l	-309	encryted
8.072,00	---	russian military	1433	cw	-509	ends 30-group 5lg msg ... uaifn pipep 506 k
8.072,00	bjde	unid rus/cis military	759	cw	-209	clg/wkg "u8we"

8.072,00	ohpt	rus/cis military	727	cw	-109	clg/wkg "amca"
8.072,00	s9oj	rus/cis military	636	cw	-109	clg/wkg "chcp"
8.072,00	tbsc	unid	1106	cw	-309	5lg, then 1146z 'djlx djlx de tbsc tbsc'
8.072,35	---	unid	1036	fec 100/170	-309	tfc kry
8.075,00	mali	albanian military	1250	ale-usb snd	-1208	clg drini
8.079,00	---	cis ptt	904	cis-arq 100/500	-109	encrypted/chipher
8.081,00	---	algerian diplo la havana	2158	coquelet-8 2 6.6bd	-309	
8.083,00	244	unid	1804	ale-usb snd	-209	clg 514
8.083,00	514	unid	1736	ale-usb snd	-209	clg 244
8.083,00	5x6	unid	1809	ale-usb snd	-209	clg 686
8.085,00	tango oscar golf	unid	923	usb	-309	wkg "tod"
8.085,00	tango oscar hotel	unid	925	usb	-309	wkg "tod"
8.085,00	tango oscar delta	unid	923	usb	-309	clg/wkg..../tfc fra
8.086,00	izom	nnpc pumping station izom, gurara, nig	2132	ale-usb snd	-109	
8.086,00	minna	nnpc minna, nig	1808	ale-usb snd	-309	
8.086,00	yola	nnpc yola, adamawa state, nig	1547	ale-usb snd	-109	
8.088,70	---	unid military	1553	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.089,00	---	unid	723	fsk 200/1000	-309	encrypted/chipher
8.092,00	10250	turkish red crescent, tur	1937	ale-usb snd	-409	
8.092,00	123456	turkish red crescent, tur	1702	ale-usb snd	-409	
8.092,00	3011	turkish red crescent, tur	1948	ale-usb snd	-409	
8.092,00	3031	turkish red crescent, tur	1751	ale-usb snd	-409	
8.092,00	3061	turkish red crescent, tur	1729	ale-usb snd	-409	
8.092,00	3251	turkish red crescent, tur	2006	ale-usb snd	-409	
8.092,00	3341	ncs civil defence, tur	1941	ale-usb snd	-409	calling 3651 3211
8.092,00	3351	ncs civil defence, tur	1913	ale-usb snd	-409	
8.092,00	3421	turkish red crescent, tur	2124	ale-usb snd	-409	
8.092,00	3541	turkish red crescent, tur	1652	ale-usb snd	-409	
8.092,00	3551	turkish red crescent, tur	1636	ale-usb snd	-409	
8.092,00	3561	turkish red crescent, tur	1854	ale-usb snd	-409	
8.092,00	3771	turkish red crescent, tur	1730	ale-usb snd	-409	
8.092,00	4061	turkish red crescent, tur	2101	ale-usb snd	-409	
8.092,00	8031	turkish red crescent, tur	1651	ale-usb snd	-409	
8.092,00	8161	turkish red crescent, tur	1635	ale-usb snd	-409	
8.092,00	8211	turkish red crescent, tur	1631	ale-usb snd	-409	
8.092,00	8251	turkish red crescent, tur	2106	ale-usb snd	-409	
8.092,00	8341	turkish red crescent, tur	2004	ale-usb snd	-409	
8.092,00	8541	turkish red crescent, tur	1753	ale-usb snd	-409	
8.092,00	8551	turkish red crescent, tur	1740	ale-usb snd	-409	

8.092,00		8551	ncs civil defence, tur	1935	ale-usb snd	-409	
8.092,00		9857	turkish red crescent, tur	1958	ale-usb snd	-409	
8.095,00	---		unid military	1755	nato-75 75/850	-109	encrypted/chipher
8.095,50	fav22		french army mont valerien, f	707	cw	-109	gr(a)
8.101,50	udairi		us army udairi, kwt	1640	ale-usb snd	-109	1740
8.104,00	rainy day		ncs yacht network	1230	usb	-309	yacht network/caribbean weather net
8.104,75	---		cis ptt	750	cis-arq 100/1000	-109	encrypted/chipher
8.106,00	fav22		french army mont valerien, f	1629	cw	-209	gr (a)
8.106,90	svj4		athens meteo, grc	1009	fax 120/576	-1208	wave height prognosis h+30
8.107,00	xda		british defence hf comm service	1927	ale-usb snd	-109	clg "xss"
8.107,00	xhk		british defence hf comm service	2057	ale-usb snd	-109	clg "xss"
8.107,00	xpu		unid uk dhfcs station	1338	ale-usb snd	-509	contacts xss-ncs .
8.107,00	xpz		british defence hf comm service	1807	ale-usb snd	-109	clg "xss"
8.107,00	xss		forest moor, g defence hf comm service	1723	ale-usb snd	-109	snd 1753,1825,1859 snd 1912 clg "xda"
8.108,00	---		rus/cis military	38	mpsk-12/usb	-309	encrypted/chipher
8.108,00	---		unid rus/cis military	800	rus-75 75/250	-209	encrypted/chipher
8.108,00	---		rus/cis military	1856	ms-5/at3004d/usb	-309	in traffic possiblyworking with 8008 khz
8.108,50	---		fapsi	1739	crowd/usb	-209	gr (n)'11177 73004 43968 44473'
8.111,20	---		unid military	1118	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.113,00	---		viluna meteo, aus	1730	usb	-209	wx ing
8.113,00	vmw		w.australia meteo aus	1250	usb	-309	ends wa maritime wx.id good
8.120,00	---		rus/cis military	1710	mpsk-1212/usb	-109	encrypted/chipher
8.121,00	fav22		french army mont valerien, f	1710	cw	-209	gr (a)
8.121,70	sse		mfa cairo, egy	1952	arq	-1208	s/c kkve bamako
8.122,00	---		canberra control canberra/belconnen, aus	546	usb	-509	tfc ing
8.122,00	---		amigo net, yacht network	1408	usb	-309	lots of traffic
8.123,00	---		unid	1903	usb	-209	tone sequences
8.123,00		171	unid	1738	am	-409	rpt 171
8.123,70	sse		mfa cairo, egy	1701	arq 100/170/atu-80	-109	wkg washington dc relay msgs from london
8.124,00	---		unid rus/cis military	658	fsk 50/250	-209	encrypted/chipher
8.125,00		115	unid	1552	ale-usb snd	-109	clg 187
8.125,00	basechaca		carabineros de chile, chacabuco, chl	100	ale-usb snd	-109	
8.126,70	---		egyptian diplo	1706	arq 100/170/atu-80	-209	tfc ara
8.126,70	sse		mfa cairo, egy	2024	fec	-1208	msg "arq 22202" into arq
8.129,50	---		rus/cis military	1116	mpsk-12/ms-5/usb	-109	encrypted/chipher
8.129,50	---		unid military, rus	1458	rus 60-tone ofdm modem	-1208	idling
8.130,00	---		rus/cis military	744	bee 36-50 50/200	-109	tfc kry
8.130,00	---		rus/cis military	859	cw-fsk	-409	tfc
8.130,00		129	unid	1607	ale-usb snd	-409	clg "172"
8.130,00		172	unid	1701	ale-usb snd	-409	clg "129"
8.130,00	cs004		macedonian forces, mkd	857	ale-usb snd	-309	clg "rs005d"0920,0927,0952,0959,1088
8.130,00	cs004a		macedonian military	1620	ale-usb snd	-509	contacts rs008d.
8.130,00	rs0011d		macedonian forces, mkd	613	ale-usb snd	-409	clg "cs004a"
8.130,00	rs0013d		macedonian forces, mkd	1031	ale-usb snd	-409	clg "cs004a"

8.130,00	rs0016d	macadonian forces, mkd	805	ale-usb snd	-409	clg "cs004a"
8.130,00	rs005d	macadonian forces, mkd	1250	ale-usb snd	-409	clg "cs004"
8.130,00	s06	slavic numberstation	1600	usb	-209	male 1611utc
8.130,00	tx5	unid	1240	ale-usb snd	-109	clg "hf1" 1248,1255,1312 clg "hf1"
8.131,20	---	unid	2047	pactor-2	-309	send ascii files
8.132,00	dbgz/bp26	bundespolizeiboot "eschwege", d	2006	ale-usb snd	-409	
8.132,00	dlgz/bp21	bundespolizeiboot "bredstedt", d	1939	ale-usb snd	-409	clg "lezsee"
8.132,00	lezsee	lage- und einsatzzentrum see cuxhaven, d	1756	ale-usb snd	-409	clg "bp24"
8.134,00	---	unid	700	fsk 200/1000	-209	encrypted/chipher
8.135,00	---	unid	1725	ale-usb snd	-409	clg "soc"
8.135,00	aa2	israeli air force, isr	630	ale-usb snd	-409	
8.135,00	aaa	tel aviv israeli air force, isr	1801	ale-usb snd	-309	
8.135,00	clp	habana cub intel	2318	cw	-509	gr (a)
8.135,00	dd1	israeli air force, isr	639	ale-usb snd	-409	
8.135,00	dd3	israeli air force, isr	1700	ale-usb snd	-309	
8.136,00	rdl	cisn smolensk, rus	1659	bee 36-50/50/200	-509	tfc kry
8.138,00	---	unid rus/cis military	1658	cis-75 75/200	-409	encrypted/chipher
8.138,00	---	rus/cis military	1655	cw	-509	gr (a)
8.138,00	---	unid rus/cis military	748	mpsk-12/usb	-209	encrypted/chipher
8.138,20	---	unid military	1702	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
8.140,00	bmf	taipei meteo, twn	1935	fax 120/576	-1208	satellite image
8.140,50	---	sssi/fapsi, rus	1305	mfsk-crowd-36	-1208	encrypted txt
8.143,00	208	unid	1824	ale-usb snd	-309	clg "237" 1816 clg "206 247"
8.143,00	babur	pns pakistan navy babur, pak	1654	ale-usb snd	-209	clg "nathiagali"
8.143,00	khaibar	pns pakistan navy khaibar, pak	1641	ale-usb snd	-209	clg "kw"
8.143,00	kw	pakistan navy, pak	1949	ale-usb snd	-209	clg "khaibar"
8.143,00	mcv13	pakistan navy, pak	1656	ale-usb snd	-209	clg "nrs"
8.143,00	wnn	pakistan navy, pak	1728	ale-usb snd	-209	
8.145,00	t1cab	us army, combat aviation batalion	921	ale-usb snd	-509	
8.146,00	---	rus/cis military	1040	cis-75 75/200	-309	encrypted/chipher
8.147,00	---	unid	1658	ale-usb snd	-209	encrypted/chipher protected link simplex
8.149,20	igj44	italian navy, i	1551	stanag-4285	-109	"idr2/igj42/igj43/idr4/idr3/igj44"
8.150,00	2010	unid, turkish red crescent, tur	1821	ale-usb snd	-209	clg "1020"
8.150,00	2011	unid, turkish red crescent, tur	1834	ale-usb snd	-209	
8.150,00	2012	turkish red crescent, tur	1800	ale-usb snd	-409	clg 1020
8.150,00	2013	unid, turkish red crescent, tur	1815	ale-usb snd	-209	
8.150,00	2014	unid, turkish red crescent, tur	1909	ale-usb snd	-209	clg "2010"
8.150,00	2015	unid, turkish red crescent, tur	1732	ale-usb snd	-209	
8.150,00	2016	unid, turkish red crescent, tur	1721	ale-usb snd	-209	
8.150,00	2017	unid, turkish red crescent, tur	1742	ale-usb snd	-209	
8.150,00	3771	unid, turkish red crescent, tur	2102	ale-usb snd	-209	
8.150,00	4013	unid, turkish red crescent, tur	1728	ale-usb snd	-209	
8.150,00	4017	unid, turkish red crescent, tur	1649	ale-usb snd	-209	
8.150,00	9857	turkish red crescent, tur	1942	ale-usb snd	-409	

8.150,50	---	fapsi	1701	crowd/usb	-509	tfc 'rnctlhpogmv dcwox '
8.151,00	tyme1	spanish police madrid, e	955	ale-usb snd	-1208	clg tx2
8.152,50	---	unid	1948	pactor-1	-1208	calling 215/216/217/204/205
8.153,00	437805	unid arabic voice net	1803	ale-usb snd	-409	
8.153,00	437815	iraqi voice net	1720	ale-usb snd	-209	
8.156,00	fav22	french army mont valerien, f	1731	cw	-209	gr (a)
8.160,00	---	unid rus/cis cis	641	81-81 40.5/500	-309	encrypted/chipher
8.162,00	35	hungarian military 035 net	1119	ale-usb snd	-1208	clg 082
8.162,00	35	hungarian military, hng	1705	ale-usb snd	-209	clg 082
8.162,00	qoaw	unid	1757	cw	-509	tfc/gr(a
8.163,35	---	unid	1042	fec 100/170	-309	tfc kry
8.165,00	---	unid	639	arq-rs/228/170	-409	ry+kry
8.165,00	---	unid	2232	ale-usb snd	-309	clg "164"
8.165,00	station5	r&s station	1540	ale-usb snd	-1208	clg station3 // 7512/6770/4472/4031
8.167,00	---	unid	610	cw	-409	gr (n) rpt groups ttt ttt at end
8.167,00	xss	dhfcs forest moor, g	717	ale-usb snd	-409	snd 0804,0834,0904,0934,1030
8.167,00	xss	ncs uk defence hf communications service	1349	ale-usb snd	-409	
8.168,50	fav22	french army mont valerien, f	1730	cw	-209	gr (a)
8.170,20	---	unid military	1657	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.171,00	---	unid rus/cis military	650	rus-75 75/200	-109	encrypted/chipher
8.175,00	---	unid	844	usb	-109	tfc ara simplex
8.176,00	---	charleville meteo, aus	1830	usb	-209	wx //6507,0
8.176,00	---	wiluna meteo, aus	2130	usb	-209	wx //2056,0
8.176,00	---	unid	1926	cw	-209	gr (n)tttt at end
8.176,00	vmc	australia meteo, aus	1253	usb	-309	good
8.176,35	---	unid	1715	fec 100/170	-109	tfc kry
8.176,70	---	egyptian diplo	2100	arq 100/170/atu-80	-309	tfc ara
8.178,50	rough neck 6	prob usmc	1412	usb	-509	"rough neck element prepared to execute"
8.180,00	---	unid cis mil/meteo ?	632	cis-14 96/1500/2ch	-109	tfc kry
8.180,00	1001	unid	1901	ale-usb snd	-109	clg "5001"
8.180,00	800	unid	1915	ale-usb snd	-209	
8.180,00	9001	unid	1417	ale-usb snd	-109	
8.180,00	9014	unid	1700	ale-usb snd	-109	
8.180,00	9025	unid	1534	ale-usb snd	-109	
8.180,00	stat152	tunesian moi/military	720	ale-usb snd	-509	clg "stat24"
8.180,00	stat154	tunesian moi/military	1430	ale-usb snd	-1208	clg stat24
8.180,00	stat24	tunesian police	720	ale-usb snd	-509	clg "stat152"
8.181,00	fav22	french army mont valerien, f	1710	cw	-409	gr (a)
8.181,50	jfhqme	prb.us military	1918	ale-usb snd	-309	
8.181,70	stat12	tunis police	718	pactor-2	-109	send crypted mails
8.181,70	stat2	tunis police	718	pactor-2	-109	send crypted mails
8.181,70	stat21	tunis police	718	pactor-2	-109	send crypted mails
8.182,00	---	unid rus/cis military	1250	81-81 81/500	-109	encrypted/chipher

8.182,00	xss	uk-defence hf communications service ncs	1929	ale-usb snd	-309	
8.182,00	xss	uk-dhfcs ncs forest moor, g	1118	ale-usb snd	-109	
8.187,50	---	fapsi	1644	crowd/usb	-109	tfc 'rnctlhpogmv dcwox '
8.190,00	cagliari	igf cagliari, i	1203	ale-usb snd	-109	clg "pratica01"
8.190,00	cinus	italian guardcoste patrol boat cinus g-9, i	2009	ale-usb snd	-109	contacts messina-guarfi messina
8.190,00	ier.	guardia di finanza miccoli ship, i	915	ale-usb snd	-409	clg "zanotti"
8.190,00	ier149	guardia di finanza taranto taranto, i	1104	ale-usb snd	-209	clg "avallone"
8.190,00	ier??	guardia di finanza greco ship, i	902	ale-usb snd	-209	clg "pratica01"
8.190,00	ier??	guardia di finanza denaro ship, i	1138	ale-usb snd	-209	clg "taranto"
8.190,00	ier??	guardia di finanza pratica di mare, i	902	ale-usb snd	-209	clg "greco"
8.190,00	practia01	unid guardia di finanza, i	950	ale-usb snd	-209	clg vaccar0
8.191,00	burstyn70	unid pos polish	945	ale-usb snd	-209	clg kurhan63
8.191,00	kao	unid	649	ale-usb snd	-409	clg "sza"
8.191,00	kurhan63	unid pos polish	945	ale-usb snd	-209	clg burstyn70
8.191,00	rot	unid	649	ale-usb snd	-409	clg "sza"
8.192,00	---	unid	1846	cw	-109	gr n)
8.195,00	---	rus/cis military	623	rtty 50/500	-409	tfc kry
8.204,20	---	unid military	1747	nato-75 75/850	-209	encrypted/chipher
8.210,00	svu	olimpia radio athina, grc	1730	usb	-309	v-m
8.218,00	rebom1	pemex rebombeo rig, mex	752	ale-usb snd	-209	
8.223,00	---	unid	1147	cw	-309	gr (a)
8.232,20	4101	unid kellog brown root inc station, irq	239	ale-usb snd	-309	
8.232,20	6101	unid kellog brown root inc station, irq	219	ale-usb snd	-309	
8.232,20	624771	kellog brown root inc net, irq	1940	ale-usb snd	-109	contacts 379835, 9101 snd
8.232,20	6501	unid kellog brown root inc station, irq	523	ale-usb snd	-309	
8.232,20	6701	unid kellog brown root inc station, irq	457	ale-usb snd	-309	
8.232,20	6801	unid kellog brown root inc station, irq	224	ale-usb snd	-309	
8.232,20	6869	unid kellog brown root inc station, irq	228	ale-usb snd	-309	
8.232,20	7201	unid kellog brown root inc station, irq	143	ale-usb snd	-309	
8.232,20	8101	kellog brown & root inc, irq	2250	ale-usb snd	-109	
8.232,20	8601	unid kellog brown root inc station, irq	2216	ale-usb snd	-309	
8.234,00	aaa	israeli air force tel aviv, isr	1805	ale-usb snd	-409	
8.240,00	---	military	647	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
8.250,20	ebdc	spanish navy frigate blas de lezo f-103	1656	rtty 75/850	-309	de ebdc rys sgs 1.. int zbk ks ebdc
8.251,50	zrk696_2	global link network melville, afs	1658	pactor-2	-209	encrypted/chipher/channel marker/cw id
8.255,00	pjlt	dutch vessel "pic saint loup"	2155	usb	-1208	wkg chitta radio =chittagong radio/s3d
8.256,00	---	unid rus/cis military	1848	81-81 81/500	-409	encrypted/chipher
8.261,00	---	unid	715	usb	-409	tfc ara simplex
8.269,70	---	diplo, egy	1300	clover-2000/bpsk/63bps	-209	no decode
8.270,00	---	unid	1315	clover-2000/8psk	-109	in calling mode, no decode
8.276,00	---	unid	1205	ale-usb snd	-309	encrypted/chipherprotected link simplex
8.276,00	1ta6ff	french navy	1021	ale-usb snd	-209	clg 1tl0ff
8.276,00	1tx901	french navy, f	1043	ale-usb snd	-309	clg "1tctsn"
8.294,00	baya	unid vessel	1202	usb	-109	om/ff clg mangaya ?

8.297,50	---	fishermen	1100	usb	-109	fr typical accent d/x "pos 35-55"
8.298,20	vtp	indian navy vishakhapatnam, ind	1719	rtty 50/850	-109	ry+qra 1720 gr(n4)
8.305,00	imsshq	unid	1157	ale-usb snd	-409	calling cssblw
8.310,00	---	unid rus/cis military	1702	mpsk-12/usb	-209	encrypted/chipher
8.310,00	---	rus/cis military	1558	ms-5/usb	-209	in traffic
8.310,00	gwpwdv	brazillian navy ship, b	2144	ale-usb snd	-309	clg "gwpwz33"
8.310,00	gwpwz33	brazillian navy rio de janeiro, b	2251	ale-usb snd	-309	clg"gwpwdv"
8.321,00	xss	uk-dhfcs ncs	1023	ale-usb snd	-1208	
8.322,00	---	unid rus/cis military	2121	mpsk-12/usb	-209	encrypted/chipher
8.323,00	dd1	israeli air force tel aviv, isr	1605	ale-usb snd	-1208	
8.328,00	---	unid military	1717	rtty 75/850	-109	tfc kry
8.330,00	---	unid rus/cis military	1641	mpsk-12/usb	-309	encrypted/chipher
8.332,00	---	military	1705	nato-100 100/850	-409	encrypted/chipher
8.334,20	---	unid military	1836	stanag-4285/600l/5n1/usb	-309	send kg84 msgs
8.337,50	pbh	dutch navy den helder, hol	1114	rtty 75/850	-109	availability
8.340,00	rgv82	russian navy vessel	2120	usb	-109	om/rr dx wkg kaliningrad rmp qsx 4825
8.340,20	---	unid military	1648	stanag-4285/600l/5n1/usb	-509	send kg84 msgs
8.345,00	ral46	russian ny ship	44	cw	-209	clg riw and rmp for qsa
8.345,00	ral48	russian navy vessel	20	cw	-1208	dx wkg rit northern fleet hq
8.345,00	rcjg	russian navy vessel	45	cw	-109	dx wkg riw w/qtc
8.345,00	rgr77	russian navy vessel	2107	cw	-1208	dx wkg riw hq moscow
8.345,00	rgv82	russian navy vessel	10	cw	-1208	dx wkg riw hq moscow
8.345,00	rji63	russian navy vessel	35	cw	-109	dx wkg unid
8.345,00	rjq84	russian navy vessel	35	cw	-109	dx wkg unid w/qtc
8.345,00	rjt22	russian navy warship	2015	cw	-209	qsa qru to rcv
8.345,00	rkb91	russian navy vessel	40	cw	-109	dx wkg riw w/qtc
8.345,00	rla88	russian navy vessel	1444	cw	-109	dx wkg rmp "qdw 11548"
8.345,00	rmsb	russian navy vessel	2125	cw	-109	dx wkg riw hq moscow
8.345,00	rmzw	russian navy vessel	2358	cw	-1208	dex wkg riw hq moscow
8.365,00	---	unid	1640	cw	-109	handkeyed 5fgs-cut
8.378,00	---	unid rus/cis military	2119	mpsk-12/usb	-209	encrypted/chipher
8.381,20	---	unid military	1738	stanag-4285/300l/5n1/usb	-309	idle
8.385,50	---	unid	1750	fec 100/170	-209	idle 1755 s-off
8.395,00	uawh	vessel kapitan gorbachev	1515	arq	-209	working murmansk radio on 8435 khz
8.401,20	bxpjankov	djankovic ksv polish forces kfor	756	ale-usb snd	-309	clg "operacyjny"
8.401,20	operacyjny	polish forces warszawa, pol	1042	ale-usb snd	-309	clg "bxpjankovic"
8.408,20	pbc	dutch navy goeree, hol	1106	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.412,00	idr	italian navy rome, i	800	rtty 75/850	-209	//idr3i 0 /idr2i 0 /idr4i 0 //
8.414,50	---	unid	1605	arq	-309	station sending selca
8.414,50	---	olympia jrcc le pir,e, grc	1059	dsc	-109	c dybx manhattan princess mm blk
8.414,50	4122100	shanghai radio, chn 1	656	dsc 100/170	-309	answers call from 355951000
8.414,50	6010001	capetown radio, afs	1729	dsc 100/170	-209	calling 240093000 chloe svlg near durban
8.414,50	23647900	m/v osterems	1021	unid	-409	
8.414,50	3fhl6	leventi ds-panama flag	1225	dsc	-409	safety rq to eca6/ mrcc madrid

8.414,50	5741040	hai-phong radio, vtn		1616	dsc 100/170	-209	answers callfrom 563172000
8.414,50	6221111	alexandria radio, egy		2029	dsc 100/170	-209	all ships qsy 8767 khz
8.414,50	63501690	m/v city of hamburg		936	unid	-409	
8.414,50	aegean breeze	9vyj nav singapour		1225	dsc	-1208	c lyngby
8.414,50	efdim	junior j4vb nav grec		1214	dsc	-1208	c lyngby
8.414,50	efdim junior	j4vb, grc		1214	dsc	-1208	c lyngby
8.414,50	ercp	ladybird-moldova		1308	dsc	-209	safety rq to jrcc pireaus
8.414,50	grampian prince	mwdz3 nav rav uk		1231	dsc	-1208	c lyngby
8.414,50	hspb2	waralee naree-thailand		1208	dsc	-409	safety rq to mrcc aarhus/bremen
8.414,50	ojmn	stena poseidon-finland		1220	dsc	-409	safety rq to svo- olympia radio/jrcc
8.414,50	tuna princess	9vbc5 frg wang tat singapour		1232	dsc	-1208	c rijeka ?
8.414,50	v2dq4	global hemera cargo antigua		1103	unid	-109	c lyngby
8.414,50	zcfr5	obsession-cayman is		1221	dsc	-209	safety rq to mrcc madrid
8.416,50	nmn	us coast guard boston, usa		1659	fec	-109	f wx report
8.416,70	nmf	us coast guard cape cod, usa		1949	fax 120/576	-209	cdt1955,2005,2015,2025,2035,2045,2055 cdt
8.417,50	xsv	tianjin radio, chn		1702	arq 100/170	-109	ch marker/cw id
8.418,00	iar	roma radio, i		2200	cw	-509	channel marker id "iar"
8.419,50	ppr	rio de janeiro radio, b		2015	arq 100/170	-209	arq burst and cw identification
8.421,50	lzw	varna radio, bul		2223	cw	-509	channel marker id "de lzw lzw"
8.421,50	lzw44	varna radio, bul		1230	fec 100/170	-109	wx 'weather and sea bulletin'
8.422,00	nrv	us coast guard apra harbour guam		1852	arq	-309	idles with morse id
8.422,00	osy	brugge sailmail, bel		1715	pactor-3	-209	encrypted/chipher
8.423,60	24toc	us army baghdad/camp taji, irq		1723	ale-usb snd	-409	
8.423,60	jmp449	us army baghdad, irq		1731	ale-usb snd	-409	
8.423,60	p10cab	us army, irq		1715	ale-usb snd	-409	
8.423,60	r24592	us military helicopter		1713	ale-usb snd	-209	calls r26026
8.423,60	t10cab	us army, irq		1733	ale-usb snd	-409	
8.423,60	t3z10	us army, irq		1720	ale-usb snd	-409	
8.423,60	t66cav	us army, irq		1734	ale-usb snd	-409	
8.424,00	svo	olympia radio maritime, grc		1622	cw	-109	marker de svo
8.424,00	svo4	athinai radio, grc		1102	arq 100/170	-109	cw id
8.427,50	a9m	hamala radio, bhr		1100	arq 100/170	-109	ch marker/cw id
8.428,50	vjs	perth radio, aus		1728	pactor-gw	-109	encrypted/chipher/ch marker
8.431,00	tah	istanbul radio, tur		2229	cw	-509	channel marker id "tah" // 8434
8.431,00	xsq	shanghai radio, prc		1317	arq-cw	-109	
8.431,50	uat	moskva radio, rus		1455	fec 100/170	-109	tl 'cq cq de uat uat tfc list 09/01/01'
8.431,50	uat	moscow		858	arq-cw	-309	marker
8.433,00	ksm	san francisco		2356	fec 100/170	-109	transmitting "mmp free press news"
8.433,00	xsg	shai radio, chn		1828	arq 100/170	-309	channel marker/cw id
8.439,00	pbb	dutch navy den helder, hol		630	rtty 75/850	-409	02a 04b 06a 08b 12a 6y pbb 0630

8.440,00	---	rus/cis military	1705	bee 36-50 50/200	-109	idle
8.440,00	riw	navy hq moscow, rus	1356	at-3104/1440/3400/usb	-1208	crypto traffic to rgv82
8.446,50	heb28	global link network bern, sui	1100	pactor-2	-109	tl 1200 tl
8.448,90	---	unid	1738	cw	-109	tfc
8.453,00	---	unid	1429	cw	-109	5fg last line "25t9 ht3266 53t34t 88aw82
8.453,00	fug8	french navy saissac/toulon/la regine, f ?	1605	stanag-4285/6001/rtty	-1208	faaa faaa faaa de fug8 fug8 fug8 testing
8.457,00	11111	unid	1721	ale-usb snd	-409	clg "55555" '2113 clg "11111"
8.457,00	33333	unid	1830	ale-usb snd	-409	clg "11111"
8.457,00	shabit	saudi arabian border guard, ars	2103	ale-usb snd	-409	
8.459,00	lsd836	buenos aires radio, arg	2216	pactor-gw	-209	encrypted/chipher/ch marker
8.461,90	9mr	malaisian navy johore bahru w.malaysia, mla	1708	rtty 50/850	-409	5lgs then svcs to wardhip paus
8.462,00	9mr	malaisian navy johore bahru, mla	1839	rtty 50/850	-509	ryryryryry sgsgsgsg
8.463,20	---	unid	1444	stanag-4285/6001	-109	idle? no text nice phase plane
8.463,20	eba	spanish navy madrid, e	1838	stanag-4285/600l	-509	idle
8.467,50	jjc	tokyo radio, j	1729	fax 60/576	-109	jap txt 2029 jap txt
8.468,20	eba	spanish navy madrid, e	1040	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.473,00	hlf	globe wireless seoul, kor	1120	gw-dataplex	-109	with header byte &x47 also on 8497 khz
8.473,00	hlg	pup'yong radio, kor	1707	pactor-gw	-109	encrypted/chipher/ch marker
8.474,00	9hd	la valletta radio, mlt	1036	pactor-gw	-109	encrypted/chipher/ch marker
8.475,00	mali	albanian military	1215	ale-usb snd	-1208	clg drini
8.475,50	fux	french navy le port, reu	1724	stanag-4285/300l/5n1/usb	-109	ry+test
8.476,20	dhj59	german navy wilhelmshaven/sengwarden, d	1826	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
8.478,50	fuf	french navy fort de france martinique	1054	stanag-4285/ 300l/5n2	-109	oo faaa de rfli zui testing rys sgs nnnn
8.482,00	---	rus/cis military	1347	cw	-409	ends 12-group message to unid .. mf"gd
8.484,00	hlg	pup'yong radio, kor	1715	cw	-109	cq de 'cq cq cq de hlg hlg qsx 8mhz k'
8.484,00	hlg	seoul radio, kor	1947	cw	-409	cq cq cq de hlg hlg hlg qsx 8 mhz k
8.484,70	d	mx beacon, sevastopol	1630	cw	-409	
8.486,50	heb	global link network, sui	32	cw/pactor-2	-309	idling modem, cw id
8.487,50	idc28	global link network weihai, chn	1641	pactor-2	-309	encrypted/chipher/chmarker/cw id
8.489,00	sab	goeteborg radio, s	745	pactor-gw	-109	encrypted/chipher/ch marker
8.492,20	eba	spanish navy madrid, e	1034	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.494,70	d	rus/cis navy beacon odessa, ukr	1710	cw	-109	qr (a)
8.494,80	p	mx beacon, kaliningrad	1833	cw	-409	
8.494,90	s	rus/cis navy beacon arkhangelsk, rus	611	cw	-309	qr (a)
8.495,00	c	rus/cis navy beacon moskva, rus	1710	cw	-109	qr (a)
8.495,00	d	mx marker	1529	cw	-109	d=sebastopol
8.495,10	a	mx beacon astrakhan	1630	cw	-409	
8.495,20	a	russian navy caspian sea flotilla hq	1320	cw	-1208	slhfb/beacon "a"
8.497,00	hlg	pup'yong radio, kor	1951	pactor-gw	-209	encrypted/chipher/ch marker
8.500,00	vtg	indian navy rbsl mumbai, ind	1726	rtty 50/850	-109	ry+qra 'vth 1/4/5/7 rbsl bnr ryryryry'
8.502,00	---	us coast guard new orleans,la, usa	2130	usb	-209	wx //12788,0
8.502,00	---	unid, isr [...]	1713	usb	-209	tfc ebr simplex whit beep
8.504,00	nmg	us coast guard new orleans,la, usa	611	fax 120/576	-309	cdt 0620,0635,0645,0705,cdt 0800 sat img
8.505,70	---	unid military	545	stanag-4285/600l/5n1/usb	-509	continuos tfc kry

8.508,00	---	russian naval	1638	bee 36-50	-109	traffic then switch off
8.508,00	rdl	rus/cis navy karganda, rus	1820	fsk-cw	-309	gr n)
8.512,00	---	unid	720	cw	-409	tfc
8.512,20	---	unid military	942	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.513,50	3/5/2010	potuguese military	1717	usb	-109	clg "frec bravo"
8.513,50	askar16rs	uzbek military, uzb	184	ale-usb snd	-109	clg "delta03rs1006"
8.513,50	delta03rs1	uzbek army, uzb	1657	ale-usb snd	-209	calls delta30rs1006
8.513,50	delta03rs1	uzbek military, uzb	2013	ale-usb snd	-509	calls karmar99rs100 6.
8.513,50	delta30rs0	uzbek army, uzb	1653	ale-usb snd	-209	calls delta03rs1006
8.513,50	mador18rs	uzbek military, uzb	1834	ale-usb snd	-109	clg "delta03rs1006"
8.513,50	makon02r	uzbek military, uzb	1917	ale-usb snd	-109	clg "kulon02rs1006"
8.513,50	osmon02r	uzbek military, uzb	1821	ale-usb snd	-109	clg "tumor02rs1006"
8.513,50	rad	uzbek army	1655	ale-usb snd	-209	[to] delta03rs1006 delta03rs
8.513,50	radar90rs	uzbek military, uzb	1824	ale-usb snd	-109	clg "osmon02rs1006"
8.514,00	xsq	guangzhou radio, prc	1738	cw	-409	cq de xsq pls up 356 clg k
8.515,00	3/5/2010	potuguese military	1720	usb	-109	clg "frec bravo"
8.517,00	9hd	la valletta radio, mlt	940	pactor-gw	-109	encrypted/chipher/ch marker
8.521,00	aa1	israeli air force, isr	1629	ale-usb snd	-209	
8.521,00	b66	unid	1629	ale-usb snd	-109	
8.521,00	bb1	israeli air force, isr	1631	ale-usb snd	-1208	
8.521,00	bb4	israeli air force, isr	1915	ale-usb snd	-109	
8.521,00	dd1	israeli air force, isr	1730	ale-usb snd	-1208	
8.521,00	dd2	israeli air force tel aviv, isr	1621	ale-usb snd	-1208	
8.521,00	dd3	israeli air force tel aviv, isr	1645	ale-usb snd	-109	
8.523,00	---	russian military	1401	cw	-309	gr (a)
8.523,00	rmzw	russian navy ship	2152	cw	-109	clg riw with "vvv" and "zzd?"
8.524,00	riw	russian navy hq moscow	12	cw	-309	calling rmsb navy ship.vy loud
8.526,00	aaa	israeli air force tel aviv, isr	2149	ale-usb snd	-309	22490551
8.534,00	611613	nigerian national police force, nig	1703	ale-usb snd	-109	clg "611611"
8.534,00	611615	nigerian national police force, nig	1704	ale-usb snd	-109	clg ""
8.534,00	611616	nigerian national police force, nig	1746	ale-usb snd	-109	
8.536,00	---	rus/cis military	2148	mpsk-12/usb	-1208	encrypted/chipher
8.540,00	---	unid	1740	nato-75 75/850	-309	encrypted/chipher
8.541,00	a9m	hamala radio, bhr	1717	pactor-gw	-109	encrypted/chipher/ch marker
8.548,00	fux	french navy le port, reu	1712	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.551,50	ctp	portuguese navy palhais-oeiras, por	635	rtty 75/850	-409	naws naws de ctp ctp ctp ship shore
8.551,50	ctp95	portuguese navy palhais, por	917	rtty 75/850	-109	naws de 'naws naws de ctp ctp ctp'
8.560,00	5555	prob moroccan army	1732	ale-usb snd	-409	
8.563,00	---	unid military	912	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.568,00	fuv	french navy djibouti, dji	1713	stanag-4285/300l/8n2/usb	-109	ry+sg+test+foxes
8.570,50	---	rus/cis military	2145	mpsk-12/usb	-1208	encrypted/chipher
8.571,00	uws	kiev radio, ukr	1323	cw	-109	no id monitored traffic to unid
8.573,60	fuj	french navy noumea, ncl	1708	stanag-4285/usb/600l/5n1	-109	continuos tfc kry
8.586,00	uso5	izmail radio, ukr	1303	cw	-1208	qtc perwyh p„ti kategorij nil

8.591,00	sab	goeteborg radio, s	1706	pactor-gw	-109	encrypted/chipher/ch marker
8.594,00	lsd836	buenos aires radio, arg	2219	pactor-gw	-209	encrypted/chipher/ch marker
8.597,00	hec	bern radio, sui	910	pactor-gw	-109	encrypted/chipher/ch marker
8.600,00	1311	protection civile marocaine, mrc	2041	ale-usb snd	-109	
8.600,00	13151	protection civile marocaine, mrc	2050	ale-usb snd	-109	
8.600,00	13211	protection civile marocaine, mrc	1936	ale-usb snd	-109	
8.600,00	13222	protection civile marocaine, mrc	1823	ale-usb snd	-109	
8.600,00	2213	protection civile marocaine, mrc	2136	ale-usb snd	-109	
8.600,00	22141	protection civile marocaine, mrc	1912	ale-usb snd	-109	
8.600,00	2215	protection civile marocaine, mrc	1801	ale-usb snd	-109	
8.600,00	xsv	tianjin radio, chn	1710	cw	-109	cq de xsv up 8363/12443/4196 khz
8.602,00	sab	goeteborg radio, s	909	pactor-gw	-109	encrypted/chipher/ch marker
8.608,00	---	rus/cis military	1957	rus-75 75/250	-1208	encrypted/chipher
8.612,00	---	unid	907	cw	-109	tfc
8.612,00	---	rus/cis military	1628	mpsk-12/usb	-409	encrypted/chipher
8.612,20	---	unid military	1815	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
8.615,00	vct	globe wireless tor's cove, can	1126	gw-dataplex	-109	with &x4e
8.617,00	xsv	tianjin radio, chn	1955	pactor-gw	-209	encrypted/chipher/ch marker
8.618,20	---	unid station	1335	stanag-4285/600l	-109	encrypted
8.622,00	aaa	israeli air force tel aviv, isr	1704	ale-usb snd	-109	
8.622,00	bb1	palachim, israeli air force, isr	1712	ale-usb snd	-109	
8.622,00	bb3	israeli air force, isr	2106	ale-usb snd	-209	
8.622,00	bb7	israeli air force, isr	1655	ale-usb snd	-209	
8.622,00	bb8	israeli air force, isr	1648	ale-usb snd	-209	
8.622,00	dd1	israeli air force, isr	1532	ale-usb snd	-209	
8.622,00	dd2	israeli air force, isr	1934	ale-usb snd	-109	
8.622,00	r38	israeli air forceaircraft, isr	2137	ale-usb snd	-209	
8.623,00	---	rus/cis military	1104	ms-5/at3004d/usb	-109	in traffic
8.623,00	---	rus/cis military	1715	mpsk-1212/usb	-109	encrypted/chipher
8.626,00	vtp6	indian naval radio vishakhapatnam, ind	2058	cw	-309	vvvvtp4/5/6 +msgs
8.632,00	---	rus/cis military	1817	mpsk-12/usb	-1208	encrypted/chipher
8.632,60	---	unid station	1339	stanag-4285/600l	-109	encrypted
8.636,00	hlw	pup'yong radio, kor	1721	cw	-109	cq de cq cq cq de hlw hlw hlw qsx 8mhz k'
8.637,70	---	unid rus/cis military	637	bee 36-50 50/250	-209	tfc kry
8.644,50	---	military	1736	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
8.646,00	---	unid military, fuj ?	1118	arq-e3/48	-109	
8.646,00	---	rus/cis military	904	fsk 25/233	-109	idle
8.646,00	fuj	french navy noumea ncl	1703	stanag-4285/300l/5n1/usb	-109	ry+sg+test
8.646,00	vtp6	indian naval vishakhapatnam, ind	1720	cw	-309	4fg messages to warships
8.656,00	---	unid	1724	fsk 50/850	-309	encrypted/chipher
8.656,00	123456	unid	1901	ale-usb snd	-309	
8.656,00	3031	unid	2050	ale-usb snd	-109	
8.656,00	3161	unid	2039	ale-usb snd	-109	
8.656,00	3351	unid	2020	ale-usb snd	-109	

8.656,00	3421	unid	1924	ale-usb snd	-109	
8.656,00	3541	unid	2054	ale-usb snd	-109	
8.656,00	3561	unid	1853	ale-usb snd	-109	
8.656,00	3771	unid	2035	ale-usb snd	-109	
8.656,00	4061	unid	1950	ale-usb snd	-109	
8.656,00	8031	ncs civil defence, tur	1949	ale-usb snd	-409	
8.656,00	8061	ncs civil defence, tur	1927	ale-usb snd	-409	
8.656,00	8061	unid	2030	ale-usb snd	-109	
8.656,00	8211	ncs civil defence, tur	1928	ale-usb snd	-409	
8.658,00	---	unid	1510	fax	-309	wx chart 45 s/off 120/576
8.658,00	jfw	gyogyo radioi waky, j	2105	fax 120/576	-409	cdt
8.658,20	---	rus/cis military	1820	mpsk-12/usb	-1208	encrypted/chipher
8.665,00	xsg	shanghai radio, chn	37	cw	-109	w/ "list"
8.665,00	xsg	shanghai radio, china	1855	cw	-209	w/ traffic list
8.668,00	zla	awanui radio, nzl	1701	pactor-gw	-109	encrypted/chipher/ch marker
8.672,20	---	unid military	900	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.673,00	---	unid rus/cis military	606	bee 36-50 50/200	-309	tfc kry
8.675,50	vcs	globe wireless halifax ns, can	1135	gw-dataplex	-109	with header byte &x4e
8.677,00	cbv	valparaiso meteo, chl	0	fax 120/576	-109	
8.683,50	lfi	rogoland radio, nor	2057	pactor-gw	-209	encrypted/chipher/ch marker
8.687,00	---	russian military unid tx site	16	fsk-cw	-209	moderate freq drift
8.687,00	---	rus/cis military	2150	bee 36-50 50/50/200	-1208	tfc kry
8.690,00	---	unid	1735	cw	-109	gr n)_
8.690,50	9mg	penang radio, mla	1617	pactor-gw	-309	encrypted/chipher/ch marker
8.695,20	cfh	canadian forces halifax, can	2056	stanag-4285/300l/5n1/usb	-209	continuos tfc kry
8.697,40	---	unid military	1705	stanag-4285/usb	-109	send short messages
8.699,50	vie	globe wireless darwin, aus	1137	gw-dataplex	-109	just audible also poor on 10455,50 khz
8.701,00	ctw	portuguese navy monsanto, por	1701	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
8.705,50	lfi	rogoland radio, nor	2124	pactor-gw	-209	encrypted/chipher/ch marker
8.709,00	---	military	1735	nato-75 75/850	-409	encrypted/chipher
8.710,00	ugea	rkhangelsk radio, rus	1309	usb	-409	rus yl w unid ship
8.714,00	r26043	us army helo, irq	2057	ale-usb snd	-1208	clg "tc152"
8.714,00	t2z211	us army, irq	1642	ale-usb snd	-109	1,712,184,319,442,040
8.714,00	tc152	us army, irq	1642	ale-usb snd	-109	snd 1713
8.718,00	---	unid military	2246	unid	-1208	oms in spanish w/ data tx coordinated by voice
8.719,00	---	gyogyo radio, j	2116	usb	-309	tfc jap/tlf
8.720,40	9mg	penang radio, mla	1924	gw-dataplex 100/200	-409	channel free marker.
8.722,00	---	lisboa radio, por	1845	usb	-409	tfc por 'de lisboa radio vamos canal 1615'
8.725,00	mali	albanian military	1214	ale-usb snd	-1208	clg drini
8.728,00	---	monaco radio monte carlo, mco	857	usb	-109	v-m/schedule wx/jingol
8.731,00	s3d	chittagong radio "chitta radio", bgd	2205	usb	-1208	wkg pjlt vessel pic saint loup qsx 8207
8.734,00	svo	olympia radio, grc	1346	usb	-109	voice marker in greek and english langs
8.736,00	aa2	af tel aviv, isr	1545	ale-usb snd	-209	thiss was aa2

8.737,50	---	mfa pyongyang, kor	1117	arq 600/600	-109	all encrypted text	
8.740,00	zsc	capetown radio, afs	1832	usb	-209	ee female voice reading nav wrngs + wx	
8.749,00	tah	istanbul radio, tur	1701	usb	-209	tlf	
8.758,00	---	unid	1214	cw	-309	gr (a)	
8.759,50	---	navidata	223	cw/pactor-3	-1208	marker "navidata" bursts	
8.764,00	nmo	us coast guard lualualei, hwa	600	usb	-409	wx/nw	
8.765,00	ig7/igielit3	polish forces	1736	ale-usb snd	-409	clg "su2" 0711 clg "morton25"	
8.765,00	igielit37	polish army	2009	ale-usb snd	-509	contacts askar64 on 8765 and 8805 khz	
8.765,00	jtq6tx	unid	1951	ale-usb snd	-409	aqc	
8.765,00	jtqjjw	unid	1903	ale-usb snd	-409	aqc	
8.765,00	morton25	polish forces	719	ale-usb snd	-409	clg "igielit37"	
8.765,00	watford87	polish forces	1835	ale-usb snd	-409	clg "askara64"	
8.767,00	---	alex radio alexandria, egy	729	usb	-309	v-m/test	
8.770,00	lzw	varna radio, bul	1440	usb	-209	voice tfc with several ships in bulg	
8.770,00	uso5	izmail radio, ukr	515	usb	-509	v-m	
8.776,00	---	us air force aircraft tacamo	2210	usb	-309	eam broadcast	
8.781,50	cn5	unid	1545	ale-usb snd	-109		
8.782,00	xsq	guangzhou radio, chn	1824	usb	-409	chinese yl ending phonecall with unid ship	
8.783,00	101	unid	1338	ale-usb snd	-409	calling 10 2	
8.783,00	103	unid prob chinese	1148	ale-usb snd	-109	calling 102	
8.783,00	103	unid	1148	ale-usb snd	-109	calling 102	
8.785,00	---	unid rus/cis military	1720	mpsk-12/usb	-309	encrypted/chipher	
8.785,00	---	gyogyo radio, j	2213	usb	-309	wx jap	
8.787,00	---	unid rus/cis military	2053	mpsk-12/usb	-209	encrypted/chipher	
8.788,00	wlo	mobile radio, al, usa	600	usb	-209	wx	
8.790,00	arobi	unid	1655	usb	-409	clg/wkg "samaritan"	
8.790,00	samaritan	unid	1655	usb	-409	tfc ing	
8.792,50	---	unid rus/cis military	1659	mpsk-12/usb	-209	encrypted/chipher	
8.796,00	329	unid	1815	ale-usb snd	-309	clg "746"	
8.796,00	746	unid	1801	ale-usb snd	-309	clg "904"	
8.796,00	904	unid	1822	ale-usb snd	-309	clg "329"	
8.800,00	e11	oblique net	849	usb	-1208	eng yl "oblique...230..."	
8.801,50	lgb28	gln rogoland, nor	1855	pactor	-209	ch marker/cw-id 'cq cq de lgb'	
8.801,50	lgz28	global link floro, nor	909	pactor 100/200	-209	channel free marker	
8.805,00	---	radio ?	1634	usb	-109	tfc chn/tlf duplex	
8.805,00	morton25	polish army	2020	ale-usb snd	-509	contacts igielit37 who responds	
8.805,00	pcd	mossad tel-aviv, isr	1526	usb	-1208	pcd2 no message	
8.806,00	wlo	mobile radio, usa	600	usb	-209	wx	
8.810,00	---	unid rus/cis military	620	81-81 40.5/1000	-209	encrypted/chipher	
8.810,00	---	venezuelan navy, ven	1958	ale-lsb	-209	clg "h1z"	
8.812,00	2222	unid	2230	ale-usb snd	-309		606
8.812,00	5555	unid	2208	ale-usb snd	-309		405
8.812,00	tah	istanbul radio, tur	1800	usb	-209	av/wx tur	
8.815,30	bpxl	iran navy, irn	1700	rtty 75/850	-109	tfc kry	

8.815,40	---	unid		1840	rtty 75/900	-209	encr.txt.lead in witha repated 4l call ?
8.821,00	---	unid		1642	usb	-309	tfc ara simplex
8.825,00	---	new york riverhead air nat-e, usa		2125	usb	-209	wkg "condor 333"
8.825,00	---	santa maria acc nat-e, azr		1621	usb	-309	wkg "884"
8.829,00	tca	ankara, tur		2051	usb	-409	turkish traffic
8.834,00		8	johannesburg arinc, afs	1837	usb/hfdl 300/2400	-509	squitters
8.834,00		8	johannesburg/jan smuts air, afs	1655	hfdl	-109	squitters
8.855,00	---	piarco aeradio trinidad		416	usb	-309	traffic w/unidentified flight fair
8.858,00	---	unid		1734	usb	-309	tfc ara simplex
8.859,00		1101	unid	1841	ale-usb snd	-109	
8.859,00	bga	benguela agl police		1825	ale-usb snd	-109	
8.859,00	cun	cunene agl police		1833	ale-usb snd	-109	
8.859,00	ld2	luanda agl police		1842	ale-usb snd	-109	
8.861,00	canarias	telde acc/fic sat1/2, cnr		1730	usb	-309	tfc ing/selcall
8.864,00	---	gander radio gander nf, can		1118	usb	-209	wkg "continental 17" for position report
8.867,00	p3z159	us army, irq		1707	ale-usb snd	-309	
8.867,00	skier 96	unid		2232	usb	-109	wkg auckland radio
8.867,00	t1z244	us army, irq		1643	ale-usb snd	-309	1714
8.867,00	t3z159	balad us army, irq		1959	ale-usb snd	-409	
8.872,00		6713	unid	54	ale-usb snd	-409	
8.873,00	---	n'djamena info, tcd		1853	usb	-409	wkg "8881"
8.875,00	d3ale4	royal moroccan army, mrc		1718	ale-usb snd	-309	clg o6ale1
8.875,00	o5	royal moroccan army, mrc		1710	ale-usb snd	-309	clg o6ale1
8.875,00	p3ale3	royal moroccan army, mrc		1747	ale-usb snd	-309	clg p5
8.875,00	q2	royal moroccan army, mrc		1711	ale-usb snd	-309	clg c3
8.875,00	s3	royal moroccan army, mrc		1705	ale-usb snd	-309	clg c3
8.875,00	z2	royal moroccan army, mrc		1738	ale-usb snd	-309	clg c3
8.879,00	---	mumbai radio		2149	usb	-409	w speedbird119
8.879,00	---	gander radio, can		1647	usb	-109	tfc ng
8.879,00	---	bombay radio		1640	usb	-409	wkg express india 471 from kochi to kozhikode
8.879,00	ephr	n604sb biz cl60		2154	usb	-409	w atc mumbai
8.882,00	---	unid military		1612	nato-100 100/850	-109	encrypted/chipher
8.884,00	---	unid rus/cis military		1655	usb	-209	russian fraffic duplex
8.888,00	---	luanda agl air r7f		2207	usb	-209	tfc ing
8.888,00	---	syktyvkar volmet, rus		2130	usb	-209	wx russian
8.888,00	---	yeniseysk/tyumen volmet, rus		2220	usb	-209	wx rus
8.888,00	---	novosibirsk volmet ?		1842	usb	-409	yl reads probably meteo until 18:4 5.
8.890,00	---	unid		1454	cw	-309	gr (a)
8.891,00	---	gander radio,can		1538	usb	-1208	working continental 111 b757
8.891,00	tfw	iceland radio reykjavik acc nat-d, isl		1655	usb	-209	clg/wkg "canforce85"
8.894,00	---	n'djamena info, tcd		1849	usb	-409	wkg "2752"
8.894,20	pmts3-@a	unid		1713	pactor	-209	send ascii files
8.895,00	niamey	atcc niger		137	usb	-309	traffic w/ springbok 234

8.899,00	---	unid	732	fsk 150/500	-309	encrypted/chipher
8.903,00	---	n'djamena info, tcd	2228	usb	-209	wkg "speddbird 250"
8.903,00	---	kinshasa info, cod	1653	usb	-209	clg/wkg "india2029"
8.903,00	---	accra air, gha	2225	usb	-209	wkg "speddbird 45?"
8.903,00	---	lubumbashi info, cod	2223	usb	-209	wkg "speddbird 254"
8.903,00	braza	brazzaville air, cog	2229	usb	-209	wkg "wt145"
8.906,00	---	santa maria, azr	1644	usb	-109	wkg "207a"
8.906,00	---	new york radio riverhead, usa	1917	usb	-309	wkg "735"
8.906,00	csy	santa maria aero, azr	1518	usb	-1208	in contact with klm 735 md-11
8.906,00	n21070	us registered "cessna c208b"	1405	usb	-1208	clg santa maria
8.912,00	501	us coast guard hc-130h, usa	2158	ale-usb snd	-309	
8.912,00	6	cpb, usa ?	2308	ale-usb snd	-109	
8.912,00	707	us coast guard hc-130h, usa	2310	ale-usb snd	-309	
8.912,00	719	us coast guard hc-130h, usa	2248	ale-usb snd	-309	
8.912,00	720	us coast guard hc-130h, usa	20	ale-usb snd	-309	
8.912,00	aaa	unid us army	2117	ale-usb snd	-409	clg "opb"
8.912,00	abqpri	choten stanley, usa	154	ale-usb snd	-509	
8.912,00	cnt	unid cpb, usa	129	ale-usb snd	-409	clg "d46" amoc
8.912,00	d01	cpb bombardier q400, usa	127	ale-usb snd	-109	
8.912,00	d03	cpb bombardier q400, usa	520	ale-usb snd	-409	
8.912,00	d14	cpb p-3a "slick", usa	2251	ale-usb snd	-309	
8.912,00	d31	cpb p-3b "slick", usa	2228	ale-usb snd	-109	
8.912,00	d45	cpb p-3 aew p-3 aew&c, usa	2215	ale-usb snd	-109	
8.912,00	d46	cpb p-3 aew p-3 aew&c, usa cpb, usa	2212	ale-usb snd	-109	snd 2251 clg "cs1"
8.912,00	d48	cpb p-3 aew&c, usa	2311	ale-usb snd	-309	
8.912,00	d95	cpb p-3a "slick", usa	2251	ale-usb snd	-109	
8.912,00	est	unid cpb, usa	49	ale-usb snd	-409	clg "d31" amoc
8.912,00	f31	cpb hu-25, usa	2344	ale-usb snd	-109	
8.912,00	f33	cpb hu-25, usa	145	ale-usb snd	-309	
8.912,00	f35	us coast guard hu-25, usa	29	ale-usb snd	-409	
8.912,00	f40	cpb hu-25, usa	2226	ale-usb snd	-109	
8.912,00	gys	us coast guard key biscayne, usa	2230	ale-usb snd	-109	
8.912,00	hsd	us coast guard drummond, usa	2325	ale-usb snd	-509	
8.912,00	i01	cpb cessna 550, usa	15	ale-usb snd	-509	
8.912,00	i31	cpb cessna 550, usa	142	ale-usb snd	-409	
8.912,00	i34	cpb cessna 550, usa	145	ale-usb snd	-409	
8.912,00	i54	cpb cessna 550, usa	2056	ale-usb snd	-109	
8.912,00	icb	us coast guard forward, usa	2257	ale-usb snd	-409	
8.912,00	j03	us coast guard mh-60j, usa	2237	ale-usb snd	-309	
8.912,00	j08	us coast guard mh-60j, usa	2359	ale-usb snd	-409	
8.912,00	j09	us coast guard mh-60j, usa	2225	ale-usb snd	-109	
8.912,00	j11	mh-60j, usa us coast guard	1912	ale-usb snd	-109	
8.912,00	j12	us coast guard mh-60j, usa	2301	ale-usb snd	-109	
8.912,00	j14	us coast guard mh-60j, usa	132	ale-usb snd	-409	

8.912,00	j19	us coast guard mh-60j, usa	2036	ale-usb snd	-109	clg "lnt"
8.912,00	j25	us coast guard mh-60j, usa	51	ale-usb snd	-409	
8.912,00	j36	us coast guard mh-60j, usa	2359	ale-usb snd	-309	clg "lnt" 0001 clg "pac"
8.912,00	j39	us coast guard mh-60j, usa	26	ale-usb snd	-309	
8.912,00	j42	us coast guard mh-60j, usa	32	ale-usb snd	-309	
8.912,00	k76	us coast guard mh-65c, usa	553	ale-usb snd	-409	
8.912,00	lnt	us coast guard chesapeake,va, usa	2035	ale-usb snd	-109	clg "j19"
8.912,00	n03	us coast guard hc-144a, usa	2232	ale-usb snd	-109	
8.912,00	n04	us coast guard hc-144a, usa	2	ale-usb snd	-309	
8.912,00	opb	dea nassau bah	2009	ale-usb snd	-109	
8.912,00	pac	us coast guard point reyes, usa	2	ale-usb snd	-309	clg"j36"
8.912,00	rlt	us coast guard ??? usa	2349	ale-usb snd	-509	
8.912,00	rpm	us coast guardc legare, usa	2308	ale-usb snd	-309	
8.912,00	t42	cpb piper pa-42-720r, usa	2152	ale-usb snd	-309	
8.912,00	t7y	unid, usa	5	ale-usb snd	-309	
8.912,00	t85	cpb piper pa-42-720r, usa	500	ale-usb snd	-309	
8.912,00	t9a	cpb piper pa-42-720r, usa	223	ale-usb snd	-509	
8.912,00	ts1	unid usa	2247	ale-usb snd	-509	
8.912,00	tsc	choten orlando, usa	2312	ale-usb snd	-109	clg "d95"
8.915,00	---	san francisco air, usa	2201	usb	-309	tfcing/selcall
8.918,00	---	new york radio riverhead, usa	2050	usb	-409	wkg "delta 50" for position report.
8.920,00	---	unid	1639	usb	-309	tfc jap simplex
8.927,00	16	agana air, gum	1714	hfdl	-109	squitters
8.930,00	sdj	stockholm radio ldoc, s	1716	usb	-209	tfc ing/phone patch
8.933,00	---	new york radio riverhead, usa	2324	usb	-309	wkg "ec-jrt" gadair european airlines
8.933,00	---	new york riverhead arinc, usa	2145	usb	-209	tfc ing/wx
8.936,00	2	arinc gl node molokai, kahalelani maui, hwa	1250	hfdl	-1208	wkg igo186/6e0186 icao 8001f7; vt-inb
8.936,00	b-6125	china eastern a330 flt mu7001	1709	hfdl	-309	logs on to molokai
8.936,00	vh-oqc	quantas a380 flt qfa31	1716	hfdl	-309	positon report0319n 10125e
8.939,00	---	rostov na donu volmet, rus	855	usb	-109	wx rus
8.939,00	---	moskva volmet, rus	1710	usb	-209	wx russian
8.939,00	---	sankt peterburg volmet, rus	1705	usb	-209	wx russian
8.942,00	---	singapore aero, sng	1521	usb	-1208	in contact with speedbird 32 b747
8.942,00	---	manila radio manila/mckinley rizal, phl	1706	usb	-209	wkg "...55"
8.942,00	chh492	hainan airlines flt	1531	hfdl	-209	brussels-peking
8.942,00	cz6770	china southern flt	1539	hfdl	-209	fm haikou hak toshenyang she
8.942,00	mu551	china eastern flt	1529	hfdl	-209	shanghai-london
8.942,00	up0166	ups flt	1556	hfdl	-209	posrep to shannon
8.948,00	zs-sfl	south african airways flght sa424	1824	hfdl	-109	port elizabeth, zaire to johannesburg
8.948,00	zs-sfn	south african airways flt sa626	1825	hfdl	-109	from capetown to durban
8.950,00	3031	unid posturkish net	1749	ale-usb snd	-409	
8.950,00	3341	ncs civil defence, tur	1945	ale-usb snd	-409	calling 3011 321 1
8.950,00	8031	ncs civil defence, tur	1948	ale-usb snd	-409	
8.950,00	8551	ncs civil defence, tur	1935	ale-usb snd	-409	

8.950,50	t10cab	10th combat aviation brigade "falcon", irq		1720	ale-usb snd	-409	[this was]
8.950,50	t66cav	us military 10th mountain div, cab,		1752	ale-usb snd	-209	
8.957,00	---	shannon volmet, irl		1640	usb	-109	wx
8.957,00	13	arinc santa cruz, bol		542	hfdl 300/2400	-409	uplink to a6-edb g-vgoa
8.957,00	cc-cwn	lan peru flight lp2515, pru		534	hfdl 300/2400	-409	b763 miami-lima
8.965,00	adwnpr	andrews npr		1843	ale-usb snd	-109	[to][dl0004dat] [tws][adwnpr]
8.965,00	dl0004dat	us air force aircraft, usa		2136	ale-usb snd	-109	
8.965,00	dl0005dat	us air force aircraft, usa		2054	ale-usb snd	-109	
8.968,00	adwspr	us air force andrews afb camp springs, usa		1940	ale-usb snd	-109	snd 2340
8.968,00	guaspr	us air force andersen afb barrigada, gum		2129	ale-usb snd	-109	
8.968,00	jdgspr	us navy diego garcia, dga		1941	ale-usb snd	-109	
8.968,00	jnrspr	us navy salinas ab roosvelt roads, ptr		1944	ale-usb snd	-109	
8.971,00	fnd	unid		940	ale-usb snd	-509	ib
8.971,00	red talon 711	p-3c, nas jacksonville vp-16 "golden eagles"		1539	usb	-409	wkg "goldenhawk" nas brunswick tsc passes msg
8.977,00	3	reykjavik air, isl		1641	hfdl	-109	squitters
8.980,00	200204	unid awacs aircraft		1003	ale-usb snd	-109	[200204] rrr6626-egvn 0910/55
8.980,00	magic 66	unid awacs aircraft		1005	usb	-109	calling magic control and dnh66
8.980,00	xss	uk dhfcs ncs		1004	ale-usb snd	-109	[xss]de taz rgrg all c k
8.983,00	cg2003	hc-130j, cgas elizabeth city		2205	usb	-209	wkg us coast guard camslant-chesapeake
8.989,00	---	jeddah saudia, ars		1755	usb	-309	wkg "saudia 1717"
8.989,00	oscar nancy yankee	belgium air force melsbroek, bel		602	usb	-309	clg/wkg "cz6"
8.990,00	ak1id	anp, alg		1957	ale-usb snd	-409	
8.990,00	bi1sk	biskra algerian national police, alg		1116	ale-usb snd	-509	
8.990,00	datafax	anp, alg		1056	ale-usb snd	-409	
8.990,00	dp1fa	djelfa, alg		1427	ale-usb snd	-409	calling pp1ds
8.990,00	gm1rb	anp guelma, alg		1746	ale-usb snd	-409	
8.990,00	hm1	anp, alg		902	ale-usb snd	-409	clg "ou1rg"
8.990,00	hm1db	unid		1648	ale-usb snd	-409	calling ou2rg 'ouargla'
8.990,00	me1ni	anp el-meniaa, alg		1657	ale-usb snd	-409	
8.990,00	ou1rg	anp ourgla, alg		817	ale-usb snd	-409	clg "dp1fa"
8.990,00	sp1fs	unid		821	ale-usb snd	-409	
8.990,00	tg1rt	anp touggortou, alg		1720	ale-usb snd	-409	
8.992,00	---	us air force andrews camp springs, usa		1625	usb	-109	eam broadcast 'this is andrews out'
8.992,00	benedict	28-char eam		2122	usb	-109	hnynb6 strong sigs, // 11175
8.992,00	delicate	unid		1640	usb	-509	with a phone patch through andrews afb
8.992,00	offutt	hf-gcs station offutt		2048	usb	-109	wkg excite 01 for phone patch
8.992,00	sandwich	eam bcast		310	usb	-309	tk3y24 and simulcasting
8.992,00	stick ball	maybe spit ball		1433	usb	-509	bcasting a 28- character eam 5fpwo7
8.992,00	turbo 62	working unid		128	usb	-309	no success and quiet.
8.992,00	warlock-4	unid		1940	unid	-1208	calling mainsail
8.992,00	yule tide	28-char eam		250	usb	-309	tk3y24 and ending with "standing"

9.000,50	fav22	french army mont valerien, f	555	cw	-509	gr (a)
9.001,00	lima/papa whiskey	unid	1610	usb	-209	active in tracking net
9.003,00	amman	jordanian army, jor ?	1723	usb	-409	wkg "jordanian 112"
9.015,00	agat-144	ukrainian military	1400	rtty 50/500	-1208	encrypt msgs
9.016,00	tascom	raf?	1615	usb	-209	wx
9.022,00	eqd	unid	1528	ale-usb snd	-309	clg trs
9.022,00	trs	unid	1457	ale-usb snd	-309	ale-usb clg eqd
9.022,00	xss	defence hf comm. service forest moor, g	916	ale-usb snd	-309	946,101,610,461,117,000,000,000,000
9.024,20	---	unid	1712	pactor	-309	send ascii files
9.025,00	---	unid prob iraqi voice net	1500	ale-usb snd	-109	to 1912, 6881,50 /6902,50 khz
9.025,00	---	us air force ascension wideawake, asc	1925	usb	-109	clg/wkg lajes radio cecks
9.025,00	160013	us air force aircraft, usa	2110	ale-usb snd	-209	
9.025,00	160017	us air force c-5b aircraft dover afb,	1546	ale-usb snd	-109	
9.025,00	233123	us air force c-17a aircraft charleston afb	1300	ale-usb snd	-109	
9.025,00	266154	unid us air force	1930	ale-usb snd	-409	
9.025,00	290168	us air force c-17a aircraft elmendorf afb	1230	ale-usb snd	-109	plus snd by cro, pla, gua, jdg, icz
9.025,00	460032	us air force kc-10a aircraft travis afb	1557	ale-usb snd	-109	to pla
9.025,00	470124	us air force aircraft, usa	2140	ale-usb snd	-209	clg "off"
9.025,00	502	us coast guard hc-130h, usa	809	ale-usb snd	-109	clg "adw" [amd] ccccd9,9918008747561nnnn'
9.025,00	523	unid	1905	ale-usb snd	-109	
9.025,00	523508	us air force aircraft, usa	1950	ale-usb snd	-109	
9.025,00	523528	us air force aircraft, usa	249	ale-usb snd	-209	
9.025,00	580109	us air force stratotanker kc-135 58-0109	636	ale-usb snd	-409	later called by icz followed by voice
9.025,00	6011	unid	1726	ale-usb snd	-109	clg "1912"
9.025,00	665	unid	1913	ale-usb snd	-109	
9.025,00	adw	us air force andrews afb camp springs, usa	809	ale-usb snd	-109	clg "502"
9.025,00	ae base	unid	1341	usb	-509	calling camray
9.025,00	ae1	us air force, usa	2056	ale-usb snd	-209	clg "cro"
9.025,00	cro	us air force croughton, g	2132	ale-usb snd	-109	
9.025,00	gbl	royal navy tentative gibraltair, gib	2012	ale-usb snd	-109	snd 2142
9.025,00	haw	us air force ascension, asc	1945	ale-usb snd	-209	
9.025,00	hik	us air force hickham afb honolulu, hwa	540	ale-usb snd	-209	
9.025,00	icz	us air force sigonella, i	1821	ale-usb snd	-1208	
9.025,00	jdg	us navy diego garcia, dga	1836	ale-usb snd	-109	
9.025,00	jnr	us air force salinas, prt	638	usb	-409	
9.025,00	jty	us air force yokota, j	1947	ale-usb snd	-109	
9.025,00	lajes	us air force lajes, azr	1925	usb	-109	wkg ascension radio cecks
9.025,00	offut	us air force offut afb omaha, usa	1931	usb	-109	clg/wkg salinas radio cecks
9.025,00	pla	us air force lajes	1934	ale-usb snd	-209	clg croughton, @1937 "how copy'
9.025,00	salinas	us navy salinas ab roosvelt roads, ptr	1931	usb	-109	clg/wkg offut radio cecks
9.025,00	uke307	raf ? aircraft, g	841	ale-usb snd	-309	clg "pla"
9.030,00	---	us navy saddlebunch key, usa	2138	nato-75 75/850 kg-84	-209	crypto

9.031,00	ascot 5212	raf flight c-130k hercules aircraft	1342	usb	-109	wkg tascom s/c aj-cg
9.031,00	tascom	defence hf communications service, g	900	usb	-309	tfc ing/wx 'this istascomm'
9.037,00	mike kilo lima	amcc northwood, g	1707	usb	-409	wkg "2fd" simplex
9.039,00	---	unid	704	usb	-209	tfc ara simplex
9.041,00	---	rus/cis military	550	mpsk-12/usb	-409	encrypted/chipher
9.041,00	---	military cis	1440	cis-75 75/250	-309	encrypted txt
9.044,00	---	russian naval	1153	bee 36-50	-109	traffic, short messages revs as breaks
9.044,00	t2z238	us army, irq	612	ale-usb snd	-309	
9.044,00	udairi	us army udairi, kwt	557	ale-usb snd	-309	627
9.045,00	---	unid	1620	fsk 100/250	-509	encrypted/chipher
9.045,00	2001	turkish red crescent, tur	1755	ale-usb snd	-409	clg 2013
9.045,00	2010	turkish red crescent, tur	1905	ale-usb snd	-309	clg 2014
9.045,00	2011	turkish red crescent, tur	1942	ale-usb snd	-309	
9.045,00	2012	unid, turkish red crescent, tur	1818	ale-usb snd	-209	
9.045,00	2014	unid, turkish red crescent, tur	2142	ale-usb snd	-209	
9.045,00	2015	unid, turkish red crescent, tur	1731	ale-usb snd	-209	
9.045,00	2016	turkish red crescent, tur	1753	ale-usb snd	-409	clg 2014
9.045,00	2017	unid, turkish red crescent, tur	1743	ale-usb snd	-209	
9.045,00	4012	unid, turkish red crescent, tur	1903	ale-usb snd	-209	
9.045,00	4013	unid, turkish red crescent, tur	1729	ale-usb snd	-209	
9.045,00	4017	turkish red crescent society	1748	ale-usb snd	-209	
9.045,00	9857	turkish red crescent, tur	1945	ale-usb snd	-409	
9.045,00	sse	mfa cairo, egy	1655	codan 16-tones/usb	-409	encrypted/chipher
9.045,00	tc.. 4016	turkish red crescent society, tur	702	ale-usb snd	-409	
9.046,00	---	military cis	1442	cis-75 75/250	-309	encrypted txt
9.046,00	---	unid rus/cis military	1625	rus-75 75/200	-309	encrypted/chipher
9.046,70	sse	mfa cairo, egy	1837	arq 100/170/atu-80	-409	clg/wkg khartoum 8023,7
9.050,00	---	unid	1642	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
9.051,70	sse	mfa cairo, egy	1814	arq 100/170/atu-80	-209	clg/wkg kampala
9.052,00	104	chinese military	1607	4+4/lsb	-409	encrypted/chipher
9.052,00	104	chinese military	1621	ale-lsb	-409	clg "102" 1626 clg "102"
9.053,00	---	unid	1726	usb	-309	tfc ara simplex with beep
9.055,00	sse	mfa cairo, egy	1558	codan 16-tones/usb	-409	send msgs to madrid
9.056,70	---	egyptian embassy kampala, uga	1833	arq 100/170/atu-80	-209	wkg cairo
9.056,70	sse	mfa cairo, egy	1805	fec 100/170/atu-80	-209	tfc ara
9.056,70	sse	mfa cairo, egy	2052	arq 100/170/atu-80	-209	tfc ara
9.057,00	---	unid	2327	cw	-1208	5lg 20+ minutes message, weak sigs
9.057,00	fav22	french army mont valerien, f	1555	cw	-209	gr (a) 'nr 88, f 16 17 47 31 1987 bt
9.057,00	sse	egyptian embassy cairo, egy	1804	codan 16-tones/usb	-309	encrypted/chipher
9.058,70	sse	egyptian embassy cairo, egy	1832	arq 100/170/atu-80	-309	tfc ara
9.059,00	rs1	brazilian army rio grande do sul state,	2201	ale-usb snd	-209	clg pr1 paran state
9.060,00	---	unid rus/cis military	1729	mpsk-12/usb	-309	encrypted/chipher

9.063,00	atencion	cuban intel habana, cub	700	am	-209	gr (n)spa
9.065,00	---	cis ptt	754	cis-arq 100/500	-109	encrypted/chipher
9.065,00	rhh73	unid station, rus	830	fsk 100/500	-1208	continious bitstream acf=0 and burst mode
9.066,00	23frp	us army, irq	2144	ale-usb snd	-309	
9.066,00	24toc	us army, irq	2146	ale-usb snd	-309	
9.066,00	34toc	us army, irq	2135	ale-usb snd	-309	
9.066,00	p3z142	us army, irq	2150	ale-usb snd	-309	
9.066,00	sse	mfa cairo, egy	1653	codan 16-tones/usb	-409	encrypted/chipher
9.066,70	---	egyptian embassy kuwait city, kwt	1438	arq 100/170/atu-80	-409	wkg cairo 'mn:alkwyt aly:almrajoe'
9.066,70	---	egyptian embassy kuwait city, kwt	1442	fec 100/170/atu-80	-509	tfc ara
9.067,70	sse	mfa cairo, egy	1830	fec 100/170/atu-80	-209	tfc ara
9.067,70	sse	mfa cairo, egy	1756	arq 100/170/atu-80	-209	clg/wkg kampala 1833,1842 clg/wkg kampal
9.068,00	---	rus/cis military	555	3bee 6-50/50/250	-509	tfc kry
9.069,00	lcr154	polish army warsaw, pol	1003	ale-usb snd	-209	calling spi
9.069,90	4101	unid kellog brown root inc station, irq	1703	ale-usb snd	-309	
9.069,90	6101	unid kellog brown root inc station, irq	2013	ale-usb snd	-309	
9.069,90	622224	unid kellog brown root inc station, irq	1956	ale-usb snd	-309	clg "623586"
9.069,90	623586	unid kellog brown root inc station, irq	1956	usb	-309	tfc ing with beep
9.069,90	6701	unid kellog brown root inc station, irq	1702	ale-usb snd	-309	
9.069,90	6801	unid kellog brown root inc station, irq	1723	ale-usb snd	-309	
9.069,90	6869	unid kellog brown root inc station, irq	1701	ale-usb snd	-309	
9.069,90	7201	unid kellog brown root inc station, irq	1704	ale-usb snd	-309	
9.069,90	8101	unid kellog brown root inc station, irq	1700	ale-usb snd	-309	
9.070,00	---	unid	628	cw	-209	gr (n)0641 gr (a)
9.070,00	203	unid	1949	ale-usb snd	-409	clg "111" 2110 snd 2115 clg "277"
9.070,00	55	unid 055 net	1635	ale-usb snd	-209	
9.070,00	8101	kellog brown & root [inc], irq	1916	ale-usb snd	-209	
9.072,00	---	unid military ? "=50="-station, cis	824	rtty 50/500	-109	5fgs ", 51907 // 0823, k", op-chat
9.074,00	---	rus/cis military	837	rus-75 75/200	-109	encrypted/chipher
9.074,75	rcv26	ptt moskva, rus	718	cis-arq 100/1000	-209	encrypted/chipher
9.076,10	---	unid station	2045	siemens chp-200/250/170	-309	chirping innon hopping iss mode
9.077,50	---	unid rus/cis military	1700	mpsk-12/usb	-209	encrypted/chipher
9.079,70	fuv	french navy djibouti, dji	1634	arq-e3 100/400 beta	-309	idle ondji cct to le port on qsx 7644,2
9.079,70	rfqp	french air force djibouti, dij	1719	arq-e3 100/400	-109	wkg 'rfvie' =dji= 7644,2 1727 wkg 'rfvie'
9.080,00	---	rus/cis military	1145	81-81 -/500	-409	slow idle revs, no opchat no cipher
9.080,00	rbt	algerian embassy rabat, mrc	1133	ale-usb snd	-209	clg"mae" 1419 clg "tns"
9.080,00	tns	algerian embassy tunis, tun	1135	ale-usb snd	-209	clg"mae"
9.080,00	tns	algerian embassy tunis, tun	1136	skyfax/usb	-209	wkg alger
9.081,00	---	unid rus/cis military	647	mpsk-12/usb	-409	encrypted/chipher
9.083,00	---	unid	1450	ale-usb snd	-309	clg "aan"
9.083,00	fav22	french army mont valerien, f	1456	cw	-309	gr (a) 'nr 18 m 05 1 57 38 1987 bt kxppg
9.084,50	fav22	french army mont valerien, f	1600	cw	-109	gr(a)
9.084,80	---	unid french forces ?	0	arq-e	-1208	
9.085,00	---	us navy stockton, ca, usa	1620	nato-75 75/850	-109	encrypted/chipher

9.086,00	rhi	saudi arabian air force, ars	2145	ale-lsb	-409	clg "aai"
9.086,00	rhp	saudi arabian air force, ars	1642	ale-usb snd	-409	clg "aap"
9.086,00	rhu	saudi arabian air force, ars	1310	ale-usb snd	-409	clg "aau" 1306 clg "aau" '[amd]1234'
9.090,00	lcr154	polish forces warszawa, pol	758	ale-usb snd	-109	clg sog933
9.090,00	sog933	polish forces	759	usb	-109	clg/wkg "lcr154"
9.093,60	---	unid	555	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
9.095,00	6ww	french navy dakar, sen	1950	stanag-4285/600l/3300	-209	crypto
9.095,50	fav22	french army mont valerien, f	250	cw	-309	gr (a)
9.097,00	twbe1	guardia civil barcelona, e ?	737	ale-usb snd	-409	to twll2 la rioja
9.097,00	twll1	guardia civil la rioja, e	741	ale-usb snd	-409	to twln1 pamplona
9.097,00	twva1	guardia civil ?	744	ale-usb snd	-409	to tx2 ?
9.102,70	kdbfclj	egyptian embassy khartoum, sdn	1630	arq 100/170/atu-80	-309	wkg cairo
9.105,00	4564	unid	1641	ale-usb snd	-409	
9.106,00	aat3bf	usa-dept of state	1131	ale-usb snd	-209	
9.106,70	sse	mfa cairo, egy	1805	arq 100/170/atu-80	-209	clg sanaa
9.110,00	154	unid	1805	ale-usb snd	-509	clg "242"
9.110,00	218	unid	1743	ale-usb snd	-509	clg "293"
9.110,00	242	unid	1802	ale-usb snd	-509	clg "154"
9.110,00	276	unid	1754	ale-usb snd	-509	clg "242"
9.110,00	341	unid	1740	ale-usb snd	-509	clg "293"
9.110,00	5113	nigerian national police force, nig	1930	ale-usb snd	-209	clg 5114
9.110,00	511511	nigerian police, nig	2053	ale-usb snd	-509	clg "511515"
9.110,00	511512	nigerian police, nig	1702	ale-usb snd	-309	
9.110,00	511515	nigerian police, nig	2052	ale-usb snd	-509	clg "511511"
9.110,00	9111	nigerian national police force, nig	1956	ale-usb snd	-209	
9.110,00	nik	us coast guard cape cod, usa	437	fax 120/576	-109	ice chart/txt 'cq cq de nik nik'
9.110,00	nmf	us coast guard boston, usa	2004	fax 120/576	-209	48 hour surfaceforecast north atlantic
9.113,00	---	dgi cuban m8a	1000	cw	-109	short cut figures, msg header
9.115,00	bzl26'	unid	1857	rtty 50/500e/2stb	-509	rt~bzl26~~~rt~bzl2 6
9.116,20	a	cis navy beacon astrakan, rus	2045	cw	-209	gr (a)
9.117,00	---	unid	2317	usb	-1208	arab speaking oms
9.120,00	rbt	algerian embassy rabat, mrc	1457	ale-lsb	-409	clg "mae1" 1506,1508,1515 clg "mae1"
9.123,70	sse	mfa cairo, egy	1921	arq 100 170/atu-80	-209	tfc ara
9.126,70	rftjd	french navy libreville, gab	1843	arq-e3 192/385	-509	beta idling
9.130,00	ezi	mossad tel aviv, isr	700	usb	-109	gr (a) ing
9.130,70	---	unid royal navy, g	1739	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
9.134,00	---	russian military	1646	cis-75 75/240	-409	in traffic
9.134,50	---	fapsi	1640	crowd/usb	-409	gr (n)'11177 0006 3143 26852'
9.136,00	---	unid	1455	cw	-509	tfc/gr(a
9.137,00	aaa	ncs afhq tel-aviv, isr	858	ale-usb snd	-1208	
9.140,00	---	cis ptt	557	cis-arq 100/1600	-409	encrypted/chipher
9.142,00	---	unid rus/cis military	1434	mpsk-12/usb	-409	encrypted/chipher
9.142,00	9111	nigerian police, nig	1744	ale-usb snd	-309	
9.142,00	911913	nigerian police, nig	1739	ale-usb snd	-309	clg "911911"

9.142,00	911913	npf nigerian national police force, nig	1540	ale-usb snd	-109	clg 911911
9.142,00	911914	nigerian national police force, nig	2159	ale-usb snd	-209	
9.142,00	911917	nigerian police, nig	1742	ale-usb snd	-309	clg "911911"
9.143,50	mastera	unid	1712	ale-usb snd	-309	clg "supermaster"1712 clg "supermaster"
9.143,60	---	jeac	706	vft arq-e/46.2/170/7ch/usb	-209	idle on both ch
9.144,00	---	rus/cis military	625	mpsk-12/usb	-409	encrypted/chipher
9.145,00	---	egyptian diplo	1650	codan 16-tones/usb	-209	encrypted/chipher
9.145,00	riw	rus/cis navy moskva, rus	752	cw	-109	tfc/gr n 0803 clg/wkg rjq84
9.145,00	rla88/riw	russian naval	1201	cw	-109	qsa imi qtc k riw 187 25 24 1448 187 bt
9.145,00	sse	mfa cairo, egy	1905	qpsk codan-16/75/	-1208	bursts after op-chat // 9146,7 khz
9.146,00	---	rus/cis military	625	mpsk-12/usb	-509	encrypted/chipher
9.146,70	---	egyptian diplo	1724	arq 100/170/atu-80	-209	tfc ara
9.146,70	sse	egyptian embassy cairo, egy	2155	fec 100/170/atu-80	-309	tfc ara
9.147,00	---	unid rus/cis military	741	mpsk-12/usb	-309	encrypted/chipher
9.147,00	jdi	saudi air force, ars	1844	ale-usb snd	-509	clg "rgi"
9.147,00	jdn	saudi air force, ars	1803	ale-lsb	-509	clg "rgn"
9.147,00	jdp	saudi air force, ars	835	ale-usb snd	-209	clg "rgp"
9.147,00	jdu	saudi air force, ars	743	ale-usb snd	-209	clg "rgu"
9.147,00	xqie	unid	636	rtty 75/500	-309	rpt xqie or /183
9.148,00	---	unid	1140	rtty 50/500	-109	
9.150,00	---	rus/cis military	1721	mpsk-12/usb	-309	encrypted/chipher
9.150,00	sse	mfa cairo, egy	1618	codan 16-tones/usb	-109	send msgs to london
9.151,70	sse	mfa cairo, egy	1736	arq 100/170/atu-80	-109	clg/wkg london
9.152,00	---	unid	736	rtty 50/500	-309	gr n qtr at end usegmt
9.152,00	---	unid	717	cw	-109	gr (a)
9.160,00	---	cis ptt	801	cis-arq 100/500	-109	encrypted/chipher
9.165,00	hll2	seoul/kimpo kor meteo	2150	fax 120/576	-309	cdt//3584,85 //7433,5 2233 cdt
9.166,00	hbd20	mfa bern/kernenried, sui	1605	ale-usb snd	-309	tfc kry simplex
9.166,30	---	unid prague, cze	1916	fec 100/170	-509	crypto
9.166,35	---	unid	1712	fec 100/170	-309	tfc kry
9.166,50	---	unid	1915	fec 100/170	-509	encrypted mjz 18 apr 09
9.168,00	orw	unid romanian diplo	1210	ale-usb snd	-109	to centr4 mfa bukarest
9.169,00	---	unid rus/cis military	1802	bee 36-50 50/250	-309	tfc kry
9.172,60	---	jeac	709	vft arq-e 46.2/170/7ch/usb	-209	idle on both ch
9.175,00	02c	prob spanish military ?	1400	usb	-1208	om/ss clg 60t, 23q
9.175,00	bi1	prob algerian drs station, alg	1707	ale-usb snd	-109	contacts bi13
9.175,00	bi10bi99	algerian drs station, alg	1702	ale-usb snd	-209	send msgs to "bi13bi99"
9.175,00	bi44bi99	algerian drs station, alg	1548	ale-usb snd	-109	send msgs to "bi13bi99"
9.176,00	mel	western libyan gas project mellita, lby	901	ale-usb snd	-409	clgs ab sabratha
9.176,00	nv5	unid	629	ale-usb snd	-409	tfc kry
9.176,00	rgi	saudi arabian air force, ars	615	ale-usb snd	-409	clg "jdi"
9.176,00	rgn	saudi aero net, ars	1722	br6029c/arq-e/4 6.1/170/ale-lsb	-509	[to] jdn [this is] rgn qsx 9147
9.176,00	rgp	saudi air force, ars	735	ale-usb snd	-209	clg "jdp"
9.176,00	sab	western libyan gas project sabratha, lby	901	ale-usb snd	-409	clgmel mellita

9.178,20	fav22	french army mont valerien, f	753	cw	-109	gr(a)
9.179,00	m9d9	unid	746	cw	-109	clg/wkg "r2ju"
9.180,00	ba1	brazilian army, bahia state	1954	packet ax.25	-209	new qrg
9.182,00	bur	chilean navy	30	ale-usb snd	-209	clg tac
9.182,00	qgex	brazilian army bras¡lia army hq, b	2353	packet-radio 300/200	-1208	
9.185,00	hbd20	mfa bern/kernenried, sui	716	ale-usb snd	-109	tfc kry simplex
9.187,00	---	swiss forces suva reka kosovo, yug	713	ale-usb snd	-109	encrypted/chipher protected link simplex
9.187,00	01d	unid	1802	ale-usb snd	-309	
9.190,00	---	unid	837	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
9.190,70	sse	mfa cairo, egy	1657	arq 100/170/atu-80	-209	tfc ara/s-off 1701 clg bamako
9.192,00	---	unid rus/cis military	711	mpsk-12/usb	-209	encrypted/chipher
9.192,00	---	unid rus/cis military	704	rus-75 75/200	-209	encrypted/chipher
9.192,00	---	rus/cis military	718	cw	-109	tfc two tones
9.192,00	agat-144	ukrainian military	1130	rtty 50/500	-1208	encrypt msgs
9.193,00	rea4	russian air force hq moscow, rus	1647	revs 50/1000	-409	idling
9.198,00	hla	chilean navy, calling kjd	2330	ale-usb snd	-209	
9.198,50	---	nato tadil modem	1659	link-11/usb single channel	-209	
9.200,00	1101	marrocain dispatch centre, mrc	1728	ale-usb snd	-109	
9.200,00	1102	marrocain dispatch centre, mrc	1214	ale-usb snd	-109	
9.200,00	11021	marrocain dispatch centre, mrc	1910	ale-usb snd	-309	
9.200,00	1103	marrocain dispatch centre, mrc	2034	ale-usb snd	-409	
9.200,00	11031	marrocain dispatch centre, mrc	1143	ale-usb snd	-109	
9.200,00	11032	marrocain dispatch centre, mrc	1437	ale-usb snd	-109	
9.200,00	11033	marrocain dispatch centre, mrc	1710	ale-usb snd	-109	
9.200,00	1104	marrocain dispatch centre, mrc	1258	ale-usb snd	-109	
9.200,00	11043	marrocain dispatch centre, mrc	730	ale-usb snd	-109	
9.200,00	1105	marrocain dispatch centre, mrc	803	ale-usb snd	-109	
9.200,00	1106	marrocain dispatch centre, mrc	1910	ale-usb snd	-409	
9.200,00	11062	marrocain dispatch centre, mrc	1628	ale-usb snd	-109	
9.200,00	11064	marrocain dispatch centre, mrc	1100	ale-usb snd	-109	
9.200,00	1107	marrocain dispatch centre, mrc	1805	ale-usb snd	-409	
9.200,00	1108	marrocain dispatch centre, mrc	1216	ale-usb snd	-109	
9.200,00	1109	marrocain dispatch centre, mrc	1730	ale-usb snd	-109	
9.200,00	11111	marrocain dispatch centre, mrc	1620	ale-usb snd	-109	
9.200,00	11113	marrocain dispatch centre, mrc	1642	ale-usb snd	-109	
9.200,00	1112	marrocain dispatch centre, mrc	1810	ale-usb snd	-309	
9.200,00	11121	marrocain dispatch centre, mrc	1303	ale-usb snd	-109	
9.200,00	1113	marrocain dispatch centre, mrc	820	ale-usb snd	-109	
9.200,00	11132	marrocain dispatch centre, mrc	2038	ale-usb snd	-409	
9.200,00	11133	marrocain dispatch centre, mrc	1800	ale-usb snd	-409	
9.200,00	11143	marrocain dispatch centre, mrc	1230	ale-usb snd	-109	
9.200,00	11162	marrocain dispatch centre, mrc	1126	ale-usb snd	-109	
9.200,00	1119	marrocain dispatch centre, mrc	1249	ale-usb snd	-109	
9.200,00	13011	marrocain dispatch centre, mrc	1241	ale-usb snd	-109	

9.200,00	130111	marrocain dispatch centre, mrc	1702	ale-usb snd	-109	
9.200,00	13021	marrocain dispatch centre, mrc	747	ale-usb snd	-109	
9.200,00	13031	marrocain dispatch centre, mrc	1723	ale-usb snd	-109	
9.200,00	1304	marrocain dispatch centre, mrc	907	ale-usb snd	-109	
9.200,00	1305	marrocain dispatch centre, mrc	800	ale-usb snd	-109	
9.200,00	13052	marrocain dispatch centre, mrc	1608	ale-usb snd	-109	
9.200,00	1306	marrocain dispatch centre, mrc	739	ale-usb snd	-109	
9.200,00	13061	marrocain dispatch centre, mrc	730	ale-usb snd	-109	
9.200,00	1307	marrocain dispatch centre, mrc	840	ale-usb snd	-109	
9.200,00	13071	marrocain dispatch centre, mrc	1136	ale-usb snd	-109	
9.200,00	1308	marrocain dispatch centre, mrc	1224	ale-usb snd	-109	
9.200,00	13082	marrocain dispatch centre, mrc	1526	ale-usb snd	-109	
9.200,00	13091	marrocain dispatch centre, mrc	1541	ale-usb snd	-109	
9.200,00	1311	marrocain dispatch centre, mrc	812	ale-usb snd	-109	
9.200,00	13111	marrocain dispatch centre, mrc	1204	ale-usb snd	-109	
9.200,00	13112	marrocain dispatch centre, mrc	1640	ale-usb snd	-109	
9.200,00	1312	marrocain dispatch centre, mrc	1842	ale-usb snd	-409	
9.200,00	13121	marrocain dispatch centre, mrc	1138	ale-usb snd	-109	
9.200,00	13122	marrocain dispatch centre, mrc	1133	ale-usb snd	-109	
9.200,00	1313	marrocain dispatch centre, mrc	1909	ale-usb snd	-309	
9.200,00	13131	marrocain dispatch centre, mrc	1717	ale-usb snd	-409	
9.200,00	13132	marrocain dispatch centre, mrc	1105	ale-usb snd	-109	
9.200,00	13133	marrocain dispatch centre, mrc	1540	ale-usb snd	-109	
9.200,00	1314	marrocain dispatch centre, mrc	1222	ale-usb snd	-109	
9.200,00	13141	marrocain dispatch centre, mrc	741	ale-usb snd	-109	
9.200,00	131411	marrocain dispatch centre, mrc	1203	ale-usb snd	-109	
9.200,00	13142	marrocain dispatch centre, mrc	1655	ale-usb snd	-409	
9.200,00	13151	marrocain dispatch centre, mrc	1245	ale-usb snd	-109	
9.200,00	1318	marrocain dispatch centre, mrc	1809	ale-usb snd	-409	
9.200,00	13181	marrocain dispatch centre, mrc	1125	ale-usb snd	-109	
9.200,00	13182	marrocain dispatch centre, mrc	1108	ale-usb snd	-109	
9.200,00	13211	marrocain dispatch centre, mrc	1638	ale-usb snd	-109	
9.200,00	13221	marrocain dispatch centre, mrc	1759	ale-usb snd	-409	
9.200,00	13222	marrocain dispatch centre, mrc	1024	ale-usb snd	-109	
9.200,00	13231	marrocain dispatch centre, mrc	1043	ale-usb snd	-109	
9.200,00	1324	marrocain dispatch centre, mrc	1312	ale-usb snd	-109	
9.200,00	13241	marrocain dispatch centre, mrc	1703	ale-usb snd	-109	
9.200,00	13242	marrocain dispatch centre, mrc	1139	ale-usb snd	-109	
9.200,00	1325	marrocain dispatch centre, mrc	755	ale-usb snd	-109	
9.200,00	13251	marrocain dispatch centre, mrc	1641	ale-usb snd	-109	
9.200,00	13252	marrocain dispatch centre, mrc	1632	ale-usb snd	-109	
9.200,00	13262	marrocain dispatch centre, mrc	1605	ale-usb snd	-109	
9.200,00	2001	marrocain dispatch centre, mrc	923	ale-usb snd	-109	clg "2408" 0943 clg "2514" 0948
9.200,00	2002	marrocain dispatch centre, mrc	1740	ale-usb snd	-109	

9.200,00	20111	marrocain dispatch centre, mrc	1324	ale-usb snd	-109	clg "2417"
9.200,00	207	singapore navy ship, sng	1615	ale-usb snd	-109	clg "cn3"
9.200,00	22011	marrocain dispatch centre, mrc	1600	ale-usb snd	-109	
9.200,00	2202	marrocain dispatch centre, mrc	1819	ale-usb snd	-409	
9.200,00	22023	marrocain dispatch centre, mrc	1558	ale-usb snd	-109	
9.200,00	2203	marrocain dispatch centre, mrc	815	ale-usb snd	-109	
9.200,00	22041	marrocain dispatch centre, mrc	1611	ale-usb snd	-109	
9.200,00	2205	marrocain dispatch centre, mrc	1446	ale-usb snd	-109	
9.200,00	2213	marrocain dispatch centre, mrc	2100	ale-usb snd	-409	
9.200,00	2214	marrocain dispatch centre, mrc	1942	ale-usb snd	-409	
9.200,00	22141	marrocain dispatch centre, mrc	1117	ale-usb snd	-109	
9.200,00	2216	marrocain dispatch centre, mrc	734	ale-usb snd	-109	
9.200,00	2401	marrocain dispatch centre, mrc	819	ale-usb snd	-109	
9.200,00	2403	marrocain dispatch centre, mrc	1845	ale-usb snd	-309	
9.200,00	2405	marrocain dispatch centre, mrc	831	ale-usb snd	-109	
9.200,00	2407	marrocain dispatch centre, mrc	1634	ale-usb snd	-109	
9.200,00	2408	protection civile marocaine, mrc	2154	ale-usb snd	-209	
9.200,00	24081	marrocain dispatch centre, mrc	1610	ale-usb snd	-109	
9.200,00	24091	marrocain dispatch centre, mrc	1123	ale-usb snd	-109	
9.200,00	2411	marrocain dispatch centre, mrc	1319	ale-usb snd	-109	
9.200,00	24111	marrocain dispatch centre, mrc	1103	ale-usb snd	-109	
9.200,00	2416	marrocain dispatch centre, mrc	1657	ale-usb snd	-109	snd 1324 clg "20111"
9.200,00	2416	marrocain dispatch centre, mrc	2019	ale-usb snd	-409	
9.200,00	2416	protection civil marocaine	1638	ale-usb snd	-309	9200 and 9212 khz
9.200,00	2417	marrocain dispatch centre, mrc	1136	ale-usb snd	-109	snd 1324 clg "20111"
9.200,00	2418	marrocain dispatch centre, mrc	1459	ale-usb snd	-109	clg "20111"
9.200,00	24181	marrocain dispatch centre, mrc	1112	ale-usb snd	-109	
9.200,00	2419	marrocain dispatch centre, mrc	1759	ale-usb snd	-109	
9.200,00	24191	marrocain dispatch centre, mrc	1621	ale-usb snd	-109	
9.200,00	2513	marrocain dispatch centre, mrc	808	ale-usb snd	-109	
9.200,00	2518	marrocain dispatch centre, mrc	805	ale-usb snd	-109	
9.200,00	2521	marrocain dispatch centre, mrc	2031	ale-usb snd	-109	
9.200,00	2524	marrocain dispatch centre, mrc	1932	ale-usb snd	-109	
9.200,00	2526	marrocain dispatch centre, mrc	1554	ale-usb snd	-109	
9.200,00	2527	marrocain dispatch centre, mrc	2012	ale-usb snd	-409	clg "2528"
9.200,00	73	singapore navy, sng rss supreme	1613	ale-usb snd	-209	clg cn3
9.201,00	fav22	french army mont valerien, f	1622	cw	-409	gr (a)
9.202,00	---	nato tadil air defence modem	1652	link-11 2250/isb 2-channel/tadil-a	-409	2-station/sideband-diversity
9.202,00	yhf	mossad tel aviv, isr	545	usb	-409	gr (a) ing
9.205,00	---	unid ptt cis	720	cis-arq 100/500	-209	encrypted/chipher
9.207,00	---	unid rus/cis military	1654	mpsk-12/usb	-309	encrypted/chipher
9.209,00	---	nato air defence data station	1333	link-11/usb single channel tadil-a	-409	
9.212,00	station3	rhode & schwarz, d	1051	ale-usb snd	-1208	clg station5
9.215,00	210688	greek police	1726	ale-usb snd	-309	

9.215,00		210888	greek police	1729	ale-usb snd	-309	
9.215,00		210588	british rc police	832	ale-usb snd	-209	
9.215,20	nar		us navy saddlebunch key, usa	840	nato 75/850	-109	encrypted/chipher
9.215,50	---		unid military	1321	nato-75? 75/850	-109	
9.219,00	aaa		tel aviv israeli air force, isr	1748	ale-usb snd	-409	
9.219,00	bb2		israeli air force, isr	1744	ale-usb snd	-409	
9.219,00	bb3		israeli air force, isr	1700	ale-usb snd	-409	
9.219,00	dd1		israeli air force, isr	1559	ale-usb snd	-509	
9.219,00	dd7		israeli air force, isr	1611	ale-usb snd	-509	
9.219,00	k45		aircraft israeli air force, isr	1643	ale-usb snd	-309	clg "aa1"
9.219,00	m60		israeli air force aircraft	1812	ale-usb snd	-409	clg "aaa"
9.219,00	tsm		israeli air force, isr	1659	ale-usb snd	-409	
9.222,00	---		rus/cis air force rus	1457	cw	-509	counting string
9.224,00	---		unid, rus/cis military	845	bee 36-50 50/250	-109	tfc kry
9.224,00	---		unid	1641	usb	-309	tfc ara simplex with beep
9.225,00	---		rus/cis military	553	usb	-409	tfc rus duplex
9.225,00	---		rus/cis military	658	mpsk-12/usb	-309	encrypted/chipher
9.226,00	---		unid military	1449	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
9.226,00		282	unid	1848	ale-usb snd	-509	clg "190"
9.226,00	fav22		french army mont valerien, f	1611	cw	-209	gr (a)
9.228,00	---		unid vvv series	143	cw	-209	
9.228,00	lcr154		warszawa polish forces, pol	753	ale-usb snd	-209	clg sog933
9.228,00	sog933		polish forces	755	usb	-209	clg/wkg "lcr154"
9.230,00		210188	greek police	1733	ale-usb snd	-309	
9.230,00		210503	greek police	1745	ale-usb snd	-309	
9.230,00		210588	greek police	1800	ale-usb snd	-309	
9.230,00		210888	greek police	1731	ale-usb snd	-309	
9.230,00		210688	british rc police	741	ale-usb snd	-209	
9.230,00		210788	british rc police	801	ale-usb snd	-209	
9.231,00	fav22		french army mont valerien, f	320	cw	-209	//927 3.5
9.231,00	fav22		french army mont valerien, f	1623	cw	-209	gr (a)
9.235,00	---		british forces nicosia, cyp	1655	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
9.237,00	---		cuban morse station	1020	cw	-1208	sending five figure groups
9.237,00	ocp9		unid	602	cw	-409	gr n)
9.238,00	---		unid	1717	fsk 200/1000	-209	encrypted/chipher
9.239,75	---		cis ptt	724	cis-arq 100/1000	-109	encrypted/chipher
9.240,00	---		cuban dgi enigma v2a, cub	1020	am	-209	spanish 5f grouped message
9.240,00	---		cuban dgi, cub	1026	am	-209	spanish yl reading 5f grouped msg
9.240,00		3031	unid	801	ale-usb snd	-209	
9.240,00		3061	unid	757	ale-usb snd	-209	
9.240,00		3541	unid	1952	ale-usb snd	-209	
9.240,00		3551	unid	751	ale-usb snd	-209	
9.240,00		8351	ncs civil defence, tur	1914	ale-usb snd	-409	
9.240,00		9850	ncs civil defence, tur	1934	ale-usb snd	-409	

9.241,00	diamanti	albanian police tirana, alb ?	1148	ale-usb snd	-209	clg"drini"
9.241,00	drini	drini albanian police, alb	1132	ale-usb snd	-209	send msgs to "diamanti"
9.244,00	---	unid	546	cw	-409	gr (n)ttt ttt at end
9.245,00	1001	unid	1758	ale-usb snd	-309	
9.245,00	1002	unid	1740	ale-usb snd	-309	clg "1001"
9.245,00	2001	unid	1726	ale-usb snd	-309	clg "2004"
9.245,00	2003	unid	1830	ale-usb snd	-309	clg "2001"
9.245,00	2004	unid	1742	ale-usb snd	-309	clg "2001"
9.245,00	2008	unid	1736	ale-usb snd	-309	clg "2001"
9.245,00	2013	unid	1819	ale-usb snd	-309	
9.245,00	8111	nigerian police, nig	1737	ale-usb snd	-309	
9.245,00	8114	unid	1954	ale-usb snd	-309	clg "811811"
9.245,00	811811	unid	1917	ale-usb snd	-309	
9.245,00	814814	nigerian police, nig	1726	ale-usb snd	-309	clg "8111"
9.245,00	816816	unid	1909	ale-usb snd	-309	
9.246,00	site50	unid	27	ale-usb snd	-409	calling site3 9
9.255,00	---	rus/cis military	508	mpsk-12/usb	-509	encrypted/chipher
9.257,00	---	unid station	1507	fsk 200/1000 acf=288	-1208	no decode
9.259,00	---	unid station	1936	cw	-509	with 5 letter groups
9.260,00	fav22	french army mont valerien, f	723	cw	-209	gr (a)
9.265,00	akall1	pemex, mex	358	ale-usb snd	-309	428
9.265,00	akaln2	pemex, mex	359	ale-usb snd	-309	559
9.269,00	---	rus/cis military	842	mpsk-1212/usb	-109	encrypted/chipher
9.269,00	fav22	french army mont valerien, f	1658	cw	-209	gr (a)
9.272,50	fav22	french army mont valerien, f	1537	arq-e/185/850	-409	idle
9.280,00	---	rus/cis military	627	rtty 50/1000	-509	tfc kry
9.286,00	xgx	uk-dhfcs, g	1420	ale-usb snd	-109	clg xss ncs forest moor
9.286,00	xss	uk-defence hf comm service ncs forest moor	1340	ale-usb snd	-209	
9.291,00	af720m1	unid	738	ale-usb snd	-409	calling og700m
9.296,00	fav22	french army mont valerien, f	1515	cw	-509	gr (a)
9.300,00	---	rus/cis military	753	mpsk-12/usb	-1208	encrypted/chipher pilot tone 3300hz
9.300,00	---	unid	1716	cw	-309	rpt "6" or "4"
9.305,00	fav22	french army mont valerien, french forces?	838	cw	-109	gr (a)
9.308,00	---	unid	712	ale-usb snd	-109	encrypted/chipher protected link simplex
9.309,00	bu4	police bucuresti, rou	920	ale-usb snd	-109	clg "gal" 0928 clg "alx"
9.309,00	mir	police miercurea ciuc, rou	820	ale-usb snd	-109	clg "bu4"
9.311,00	---	icrc	603	pactor	-309	clg tbimbi1
9.316,00	---	rus/cis military	849	rus-75 75/250	-109	encrypted/chipher
9.316,00	---	unid	950	rtty 50/500 1.50 stopbit	-209	zzzzzzzmhcy yzdnmhcy encrypted txt ok
9.317,00	---	unid	604	cw	-409	gr (n)ttt ttt at end
9.323,00	---	unid rus/cis military	647	fsk 50/250	-309	encrypted/chipher
9.327,00	---	unid	1844	cw	-409	gr (n)ttt ttt at end
9.328,00	---	intel, rus	1450	rtty 18 6.7/500 1 stop	-309	encrypted txt
9.332,00	---	italian forces, i	814	stanag-4285/1200s/7n1/usb	-209	tfc kry

9.332,00	---	rus/cis military	905	cis-75 75/250	-409	encrypted/chipher
9.333,50	c98p	unid	746	usb	-109	tfc ing duplex ???
9.346,00	rdl	rus/cis navy smolensk, rus	851	bee 36-50 50/250	-109	tfc kry
9.350,80	---	unid	558	fsk 100/750	-309	encrypted/chipher
9.354,00	---	unid rus/cis military	706	rus-75 75/200	-209	encrypted/chipher
9.356,00	---	unid rus/cis military	648	mpsk-12/usb	-409	encrypted/chipher
9.360,00	---	military cis	945	moroz-2 50/500 2.5 stopbit	-209	encrypted txt
9.360,00	---	unid rus/cis military	713	fsk 50/500	-209	encrypted/chipher
9.360,00	oxi	skamlebaek meteo, dnk	1010	fax 120/576	-109	ice chart 1155,1245 ice chart
9.371,00	5555	unid	1737	ale-usb snd	-209	1940
9.373,00	rmp	cis navy kaliningrad, rus	716	cw	-209	clg/wkg "rgv82"
9.373,00	rmp	rn baltic sea fleet hq kaliningrad, rus	1525	cw	-209	dx wkg ral48 fr qtc nr 329, qsx 8345 khz
9.380,00	---	unid rus/cis military	724	fsk 100/500	-209	encrypted/chipher
9.389,00	---	rus/cis military	907	cis-75 75/250	-409	encrypted/chipher
9.392,00	---	unid rus/cis military	708	rus-75 75/200	-209	encrypted/chipher
9.407,00	fav22	french army mont valerien, f	1708	cw	-209	gr (a)
9.432,00	---	sssi fapsi, rus	1250	crowd-36	-309	encrypted txt
9.503,00	---	rus/cis military	733	rus-75 75/200	-309	encrypted/chipher
9.575,00	---	radio mediterranee intl. mrc	2258	am	-509	// 171 khz
9.821,00	---	russian naval	1150	bee 36-50	-109	revs then tfc
9.846,00	---	russian naval	1155	bee 36-50	-109	tfc 1156 into mark
9.870,00	---	general arab. prog./call of islam duba, ars	2102	am	-609	// 1521 khz
9.871,50	ncr22ncr2	likely us navy seabees	2355	ale-usb snd	-309	
9.871,50	nmcb21nc	likely us navy seabees	2355	ale-usb snd	-309	
9.890,00	---	voice of russia samara, rus	2325	am	-509	85kw: english
9.900,00	---	cnr beijing 1 beijing, chn	2316	am	-509	100kw: mandarin
9.901,00	fav22	french army mont valerien, f	833	cw	-109	gr (a)
9.905,00	---	unid rus/cis military	650	81-81 40.5/500	-309	encrypted/chipher
9.910,00	---	rus/cis military	806	rtty 50/500	-109	tfc kry
9.910,60	1ta6ff	french navy	1021	ale-usb snd	-209	clg 1tl0ff
9.916,00	6101	kellog brown & root inc, irq	1729	ale-usb snd	-409	
9.916,00	6701	kellog brown & root inc, irq	1725	ale-usb snd	-409	
9.916,00	6869	kellog brown & root inc, irq	1728	ale-usb snd	-409	
9.916,00	7201	kellog brown & root inc, irq	1723	ale-usb snd	-409	
9.916,00	8101	kellog brown & root inc, irq	1724	ale-usb snd	-409	
9.918,00	811811	nigerian national police force, nig	715	ale-usb snd	-109	
9.925,00	---	voice of croatia wertachtak, d	2300	am	-509	125kw: croatian
9.935,00	---	unid rus/cis military	751	rtty 50/500	-109	tfc kry
9.945,00	7cj	navy belawan, ins	1420	cw	-209	plain txt in indon., qsa 1
9.954,50	71aisofbs	iraqi army, irq	753	ale-usb snd	-209	clg "72gisofsb"
9.954,50	81aisofbs	iraqi army, irq	716	ale-usb snd	-209	clg "72gisofsb"
9.954,50	ctcisofbs	iraqi army, irq	807	ale-usb snd	-209	clg "11aisofbs"
9.954,50	da2isofbs	iraqi army, irq	836	ale-usb snd	-209	clg "ctcisofbs"
9.954,50	da3isofbs	iraqi army, irq	1614	ale-usb snd	-209	clg "31aisofbs"

9.960,00	---	us navy, usa	617	nato-75 75/850	-409	encrypted/chipher
9.986,35	---	unid	1841	fec 100/170	-409	tfc kry
9.991,00	---	unid rus/cis military	757	rus-75 75/250	-209	encrypted/chipher
9.996,00	rwm	moskva time signal, rus	509	cw	-509	gr (a)
10.000,00	---	unid	715	ale-usb snd	-209	tfc kry simplex
10.000,00	bpm	sao lintong/xian time signal, chn	1559	cw	-309	identification for 30 seconds
10.000,00	wwvh	time siganl kekaha, hwa	624	am	-309	1200 hz minute puls
10.004,00	aaa	ncs afhq tel aviv, isr	1719	ale-usb snd	-309	
10.010,00	---	unid nato	534	stanag-4285/600l/3300	-309	crypto
10.018,00	---	mumbai radio, ind	1626	usb	-509	wkg "india435"
10.024,00	---	mexico radio atcc	1157	usb	-309	calling aeromexico flight 011
10.024,00	cenamer	tegucigalpa atcc, honduras	2229	usb	-309	traffic in spanish w/unidentifed aircraft
10.027,00	---	unid ldoc	2057	usb	-409	tfc spa air+ground 'wx para washington'
10.036,00	---	unid	727	cw	-209	tfc
10.051,00	---	new york radio riverhead, usa	2041	usb	-409	new york volmet aviation wx at baltimore
10.051,00	vfg	gander volmet, can	1720	usb	-309	forecast montreol,toronto
10.063,00	11	arinc panama/annapolis, usa or panama?	2328	hfdl	-409	good squitters
10.066,00	2801	czech air force a319 flt c2005b	1521	hfdl	-209	posrep 5650n 03242w
10.070,00	---	unid	611	usb	-409	tfc ara simplex
10.072,00	---	ldoc/air ?	1620	usb	-309	tfc air+ground 'tank for your support'
10.084,00	5	auckland air, nzl	805	hfdl	-209	squitters
10.084,00	lh8404	dep leipzig @06,20	1411	hfdl	-209	to hong kong posrep to auckland
10.086,00	997	unid poss moroccan army?	1751	ale-usb snd	-409	contacts 779 and 438
10.087,00	14	krasnoyarsk arinc, rus	1411	hfdl 300/2400	-309	uplink to vp-bav su0315 moscow-new york
10.090,00	---	unid rus/cis military	1725	mpsk-12/usb	-209	encrypted/chipher
10.090,00	---	unid	1702	usb	-209	tfc ara simplex
10.090,00	---	tashkent volmet, uzb	810	usb	-109	wx
10.100,80	ddk9	pinneberg meteo, d	905	rtty 50/450r 1,50 stopbit	-309	german gale warnings
10.105,00	9112	nigerian national police force, nig	2206	ale-usb snd	-209	clg 91(
10.105,00	911914	nigerian national police force, nig	2159	ale-usb snd	-209	
10.108,00	---	unid rus/cis military	551	bee 36-50/50/200	-509	tfc kry
10.110,20	tbo	navy izmir, tur	532	stanag-4285/600l/3300	-309	crypto
10.112,00	---	military	910	nato-100 100/850	-409	encrypted/chipher
10.121,00	---	unid military	1630	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
10.121,00	---	unid rus/cis military	722	mpsk-12/usb	-209	encrypted/chipher
10.122,50	---	fapsi	1546	crowd/usb	-109	tfc kry 'rnctlhpogmv dcwox '
10.123,70	---	unid	1322	arq	-509	end trans
10.125,00	bko	bamako mli amb algerina	846	ale-usb snd	-109	clg "gao" 0859,0912 clg "gao"
10.125,80	---	unid rus/cis military	725	fsk 50/500	-209	encrypted/chipher
10.130,00	---	st.petersburg, rus	1235	rtty 50/500/e 2,50 stopbit	-309	crypto or idling
10.133,00	sk6rud	amateur beacon, s	1255	cw	-1208	vvv qrpp beacon de sk6rud
10.134,70	---	egyptian diplo	1625	arq 100/170/atu-80	-109	tfc ara/s-off
10.135,00	rci	saudi arabian air force, ars	1701	ale-usb snd	-409	clg "nai"
10.152,00	---	unid	1732	ale-usb snd	-209	tfc kry

10.155,00	---	unid egyptian diplo	1830	codan 16-tones/usb	-409	encrypted/chipher
10.155,00	---	italian navy	850	stanag-4285/1200s/8n1/usb	-109	tfc kry
10.156,50	oey51	austrian army wien, aut	1026	ale-usb snd	-109	clg oey71 1035 1149 clg oey71
10.156,50	oey71	austrian army golan heights, syr	753	ale-usb snd	-109	clg oey51 1035,1149 clg oey51
10.156,70	---	unid egyptian diplo	1841	arq 100/170/atu-80	-409	tfc ara
10.158,00	bafmed	unid prob us military	1411	ale-usb snd	-309	
10.158,00	f2wd	unid	803	cw	-209	gr n)
10.159,50	11r1bncm	iraqi army	1933	ale-usb snd	-409	calling 11c1bn cmd.
10.159,50	31a3bncm	iraqi army, irq	1837	ale-usb snd	-509	clg "31b3bncmd"
10.159,50	31b3bncm	iraqi army, irq	1830	ale-usb snd	-509	clg "31a3bncmd"
10.159,50	31i3bncm	iraqi army, irq	512	ale-usb snd	-509	clg "31a3bncmd 31a3nkcmd"
10.159,50	31j3bncm	iraqi army, irq	1848	ale-usb snd	-509	clg "31a3bncmd"
10.159,50	61a6bncm	iraqi army, irq	1717	ale-usb snd	-509	clg "61d6bncmd"
10.159,50	61b6bncm	iraqi army, irq	2049	ale-usb snd	-509	clg "61a6bncmd"
10.159,50	61d6bncm	iraqi army, irq	1717	ale-usb snd	-509	clg "61a6bncmd"
10.160,00	2010	turkish red crescent society, tur	1203	ale-usb snd	-509	
10.160,00	2015	turkish red crescent, tur	1529	ale-usb snd	-409	
10.160,00	2016	unid, turkish red crescent, tur	1721	ale-usb snd	-209	
10.160,00	2017	unid, turkish red crescent, tur	1744	ale-usb snd	-209	
10.160,00	4017	unid, turkish red crescent, tur	1648	ale-usb snd	-209	
10.160,00	4564	turkish red crescent, tur	1643	ale-usb snd	-409	
10.160,00	9857	turkish red crescent, tur	1545	ale-usb snd	-409	
10.160,00	rgi23	russian ptt moskva, rus	700	cis-arq 100/500	-309	encrypted/chipher
10.163,00	---	russian military, rus	929	ms-5/at-3104/1440/3400	-309	crypto
10.164,70	---	egyptian diplo	554	arq 100/170/atu-80	-309	tfc ara/s-off
10.166,40	vct	st.john's radio, can	921	gw-dataplex 100/200	-309	channel free marker, hex header 0x5e
10.166,50	vct	globe wireless tor's cove, can	1755	globedata	-309	idling header, listed as 10166,40 khz
10.168,70	sse	egyptian embassy cairo, egy	1746	arq 100/170/atu-80	-309	clg/wkg bamako
10.170,00	99909	mfa cairo	1515	usb/codan	-409	clg 00012, egy emb.tripoli
10.171,00	---	unid ptt, cis	714	cis-arq 100/1000	-209	encrypted/chipher
10.171,00	sse	mfa cairo, egy	1728	codan 16-tones/usb	-209	encrypted/chipher
10.172,50	---	fapsi	1642	crowd/usb	-409	tfc kry
10.172,70	---	mfa cairo, egy	1658	arq 100/170	-309	short atu-a traffic to khartoum
10.172,70	sse	mfa cairo, egy	1855	arq 100/170/atu-80	-209	clg/wkg khartoum
10.175,00	123456	unid	1904	ale-usb snd	-309	
10.175,00	151815	turkish red crescent, tur	1655	ale-usb snd	-109	
10.175,00	3011	turkish red crescent, tur	1246	ale-usb snd	-109	
10.175,00	3031	turkish red crescent, tur	851	ale-usb snd	-109	
10.175,00	3061	turkish red crescent, tur	828	ale-usb snd	-109	
10.175,00	3161	turkish red crescent, tur	1139	ale-usb snd	-109	
10.175,00	3211	turkish red crescent, tur	1327	ale-usb snd	-109	
10.175,00	3251	turkish red crescent, tur	1014	ale-usb snd	-109	
10.175,00	3341	ncs civil defence, tur	1947	ale-usb snd	-409	calling 3011 3062
10.175,00	3351	turkish red crescent, tur	820	ale-usb snd	-109	

10.175,00		3541	turkish red crescent, tur	1150	ale-usb snd	-109	clg "3061" 1354 clg "3211"
10.175,00		3551	turkish red crescent, tur	840	ale-usb snd	-109	
10.175,00		3561	turkish red crescent, tur	1655	ale-usb snd	-109	
10.175,00		3651	turkish red crescent, tur	1204	ale-usb snd	-109	
10.175,00		3771	turkish red crescent, tur	1329	ale-usb snd	-109	
10.175,00		4061	ncs civil defence, tur	1851	ale-usb snd	-409	
10.175,00		8011	turkish red crescent, tur	1047	ale-usb snd	-109	
10.175,00		8031	turkish red crescent, tur	1350	ale-usb snd	-109	
10.175,00		8061	turkish red crescent, tur	1329	ale-usb snd	-109	
10.175,00		8161	turkish red crescent, tur	838	ale-usb snd	-109	
10.175,00		8211	turkish red crescent, tur	833	ale-usb snd	-109	
10.175,00		8251	turkish red crescent, tur	1711	ale-usb snd	-109	
10.175,00		8341	turkish red crescent, tur	1403	ale-usb snd	-109	
10.175,00		8351	turkish red crescent, tur	1120	ale-usb snd	-109	
10.175,00		8541	ncs civil defence, tur	1952	ale-usb snd	-409	
10.175,00		8551	turkish red crescent, tur	1340	ale-usb snd	-109	
10.175,00		98551	turkish red crescent, tur	1142	ale-usb snd	-109	
10.175,00		9857	turkish red crescent, tur	1300	ale-usb snd	-109	
10.176,00	riw		rus/cis navy moskva, rus	712	cw	-409	clg/wkg rjd85
10.176,00	rjd85		rus/cis navy, rus	710	cw	-409	clg/wkg riw
10.176,00	tud		tunesian moi, tun	1113	ale-usb snd	-1208	clg stat16z
10.176,70	sse		egyptian embassy cairo, egy	2142	rtty 100/170/atu-80	-209	clg/wkg habana
10.177,70	sse		mfa cairo, egy	2023	arq 100/170/atu-80	-409	clg washington,dc
10.182,00	---		unid rus/cis military	1755	mpsk-12/usb	-409	encrypted/chipher
10.186,00	khf		agana radio, gum	1643	pactor-gw	-409	encrypted/chipher/ch marker
10.186,10	---		french forces	732	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
10.186,20	fug		french navy la regine, f	926	stanag-4285/600l/3300	-309	crypto
10.190,00	---		swiss joint military/diplo net	1417	ale-usb snd	-309	aqc masked connect 334yy8
10.190,00	---		unid rus/cis military	1655	bee 36-50 50/200	-109	tfc kry
10.190,00	hdb20		mfa bern/kernenried, sui	745	ale-usb snd	-309	tfc kry simplex
10.194,00	ky4fem		fema kentucky	1408	ale-usb snd	-209	clg tn4fem fema tennessee 1
10.201,00	rcv		bsf hq sevastopol, ukr	835	cw	-209	to rbe86 qtc 541
10.202,00	---		unid military	1705	nato 100/850	-409	encrypted/chipher
10.202,00	---		unid	1837	fsk 100/1000	-409	encrypted/chipher
10.207,00	mansv1		unid	1948	ale-usb snd	-409	clg "mansv2"
10.207,50	---		fapsi	1643	crowd/usb	-209	tfc/s-off
10.210,00	---		unid	653	cw	-409	gr (a)
10.212,30	---		unid czech station, cze	1210	arq 100/170	-1208	crypto
10.213,00	---		ships	1357	gw-dataplex 100/200	-309	working sab qsx 10746
10.214,00	---		unid	809	rtty 50/500	-209	gr (n)qtr at end
10.215,00	---		rus/cis military	655	mpsk-12/usb	-309	encrypted/chipher
10.215,00		705	unid	1559	ale-usb snd	-509	contacts 631
10.215,40	---		dosc moscow, rus	515	usb/crowd-36/40/1500 cf=1580	-309	crypto
10.220,00	sse		mfa cairo, egy	658	codan 16-tones/usb	-309	encrypted/chipher

10.221,70	sse	mfa cairo, egy	654	arq 100/170	-309	tfc ara
10.222,00	sse	mfa cairo, egy	2017	codan 16-tone/usb	-409	send msgs to habana
10.223,70	---	egyptian amb praha, cze	1030	arq 100/170/atu-80	-109	wkg cairo 16241,7
10.223,70	sse	mfa cairo, egy	2012	codan 16-tone/usb	-409	clg/wkg habana
10.233,20	---	unid military	717	stanag-4285/600l/5n1/usb	-209	continuos tfc kry 1807 continuos tfc kry
10.235,00	---	fishermen	1003	usb	-409	esp d/x
10.238,00	---	swiss army berne, sui	655	ale-usb snd	-409	encrypted/chipher protected link simplex
10.238,00	hbd20	mfa bern, sui	907	ale-usb snd	-309	clg other station using link protection
10.238,50	---	ships	1637	gw-dataplex 100/200	-309	working hec bern qsx 10341
10.240,00	aap	saudi air force, ars	805	ale-usb snd	-409	clg "rhi"
10.240,00	rhi	saudi airforce, ars	550	ale-usb snd	-309	calling aai
10.240,00	rhl	saudi air force, ars	1716	ale-lsb	-409	snd 1730 clg "aal"
10.240,00	rhn	saudi air force, ars	1701	ale-lsb	-409	clg "aan"
10.240,00	rhp	saudi air force, ars	542	ale-usb snd	-409	clg "aap"
10.241,00	---	unid rus/cis military	653	mpsk-12/usb	-409	encrypted/chipher
10.241,00	fav22	french army mont valerien, f	1517	cw	-509	gr (a)
10.242,00	719	us coast guard hc-130h, usa	1937	ale-usb snd	-109	clg "lnt"
10.242,00	c70	cpb, usa ?	2057	ale-usb snd	-209	
10.242,00	crb	cpb, usa	2024	ale-usb snd	-509	clg "d46"
10.242,00	d02	cpb bombardier q400, usa	1901	ale-usb snd	-209	
10.242,00	d31	cpb p-3b "slick", usa	2014	ale-usb snd	-309	
10.242,00	d45	cbp p-3 aew&c, usa	2251	ale-usb snd	-509	
10.242,00	d48	cpb p-3 aew&c, usa	2137	ale-usb snd	-209	
10.242,00	d70	cpb p-3a "slick", usa	2104	ale-usb snd	-209	
10.242,00	dl1	us army choten	1917	ale-usb snd	-209	
10.242,00	i1l	cpb cessna 550, usa	51	ale-usb snd	-309	
10.242,00	ikl	us coast guard tampa, usa	51	ale-usb snd	-309	
10.242,00	j22	us coast guard mh-60j, usa	2232	ale-usb snd	-109	
10.242,00	lnt	chesapeake,va, usa us coast guard	1937	ale-usb snd	-109	clg "719"
10.242,00	opb	dea nassau, bha	2133	ale-usb snd	-209	
10.242,00	sa3	cbp, usa ?	2051	ale-usb snd	-109	
10.242,00	t9a	cpb piper pa-42-720r, usa	2127	ale-usb snd	-309	
10.242,00	tcs	choten orlando,fl, usa	1919	ale-usb snd	-209	clg"mv5"
10.242,00	z13	us coast guard key west, usa	2033	ale-usb snd	-209	
10.243,00	dq9k	unid	657	cw	-309	clg/wkg "fw2k"
10.244,00	---	rus/cis military	1141	ms-5/at3004d/usb	-109	pre-cipher tones
10.244,00	---	unid rus/cis military	1613	mpsk-12/usb	-109	encrypted/chipher
10.253,40	---	ships	1642	gw-dataplex 100/200	-309	working vct tor's cove qsx 10166,40
10.254,00	---	unid nato	1619	stanag-4285/600l/3300	-309	several kg 84 crypto msgs
10.261,00	fav22	french army mont valerien, f	1630	cw	-509	gr (a)
10.262,00	---	rus/cis military	1640	cis-75 75/200	-509	encrypted/chipher
10.263,00	ral2	unid russian	615	cw	-409	clg/wkg rhq2
10.263,00	rhq2	unid russian	616	cw	-409	wkg ral2
10.263,00	rmw2	unid russian	623	cw	-409	clg/wkg ral2

10.264,10	fue	french navy brest, f	842	stanag-4285/600l/3300	-309	crypto
10.273,00	3dv1	3 div iraqi army al kasiq	1347	ale-usb snd	-309	contacts 1bd-unid
10.274,20	---	unid	747	fsk 75/500	-309	encrypted/chipher
10.275,00	---	unid	1651	usb	-409	tfc ara simplex
10.275,00	inas30p	sonatrach net, in amenas, alg	1842	ale-lsb snd	-509	
10.280,00	---	unid rus/cis military	1127	mpsk-12/usb	-209	encrypted/chipher
10.281,70	---	egyptian embassy gsflys nairobi, ken	649	arq 100/170/atu-80	-109	clg/wkg cairo
10.282,00	fuo	french navy toulon, f	812	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
10.283,00	---	unid rus/cis military	709	cis-75 75/200	-409	encrypted/chipher
10.296,00	fav22	french army mont valerien, f	645	cw	-409	gr (a)
10.296,30	fav22	french army mont valerien, f	819	cw	-209	gr (a)
10.309,00	---	unid rus/cis military	729	rus-75 75/200	-209	encrypted/chipher
10.310,00	---	russian moruz system	1040	fsk 50/250	-309	// 10310 10315 11055 13985 14716 khz
10.315,00	---	rus/cis military	814	fsk 100/500	-109	encrypted/chipher
10.315,00	rbm61	unid station, rus	1023	rtty 50/500e 2.5 stopbit	-309	crypto
10.322,00	---	russian military, rus	828	ms-5/at-3104/1440/3400	-309	crypto
10.326,00	vukn	unid	1133	cw	-309	xozf de vukn qsa ?
10.330,00	---	unid vessel	1017	gw-ofdm	-409	input to sab-gw stockholm qsx 10360 khz
10.335,00	---	unid rus/cis military	825	mpsk-12/usb	-209	encrypted/chipher
10.340,00	me1na	unid	935	ale-usb snd	-209	clg ti1ne
10.341,00	hec	bern radio, sui	1638	gw-dataplex 100/200	-309	channel free marker hex id cc
10.344,50	xss	ncs uk defence hf communications service	1901	ale-usb snd	-409	
10.346,00	---	unid	655	fsk 50/500	-309	encrypted/chipher
10.351,00	xss	uk defence hf comm service net ncs	1404	ale-usb snd	-109	
10.352,00	aaa	israeli air force tel aviv, isr	1410	ale-usb snd	-209	
10.352,20	---	military	1646	stanag-4285/600l/5n1/usb	-209	continuostfc kry
10.352,20	eba	spanish marine madrid, e	733	stanag-4285/600l/3300	-309	crypto
10.356,00	---	rus/cis military cis	815	81-81 81/250	-109	encrypted/chipher
10.360,00	sab	goteborg radio, s	1022	arq/pactor	-209	idle
10.364,00	---	unid	740	cw	-309	tfc
10.364,00	---	unid	739	rtty 50/500	-309	tfc/s-off 'cfm cfmnil sk'
10.369,45	---	unid ptt, cis	735	cis-arq 100/2000	-209	encrypted/chipher
10.371,80	rbt	algerian embassy rabat, mrc	1605	ale-usb snd	-209	many calls to mae diplo algiers
10.372,00	---	dosc moscow, rus	850	mazielka 6-tone	-309	selcal sequence 917 882 820 996 850 955
10.372,35	---	unid rus/cis military	511	cis-75 75/200	-509	encrypted/chipher
10.372,60	---	unid rus/cis military	513	cis-75 75/200	-509	encrypted/chipher
10.374,00	---	unid rus/cis military	1125	mpsk-12/usb	-209	encrypted/chipher
10.380,00	---	cis ptt	934	cis-arq 100/495	-309	encrypted/chipher
10.388,00	---	unid	904	arq-rs/228/170	-309	ry+tfc kry
10.388,00	riw	navy hq moscow	1518	cw	-309	starts enciphered
10.390,00	1102	marrocain dispatch centre, mrc	1813	ale-usb snd	-409	
10.390,00	11021	marrocain dispatch centre, mrc	1201	ale-usb snd	-109	
10.390,00	1103	marrocain dispatch centre, mrc	1243	ale-usb snd	-109	
10.390,00	11032	marrocain dispatch centre, mrc	1338	ale-usb snd	-109	

10.390,00	1105	marrocain dispatch centre, mrc	1138	ale-usb snd	-109	
10.390,00	11062	marrocain dispatch centre, mrc	1025	ale-usb snd	-109	
10.390,00	11064	marrocain dispatch centre, mrc	959	ale-usb snd	-109	
10.390,00	1109	marrocain dispatch centre, mrc	1203	ale-usb snd	-109	
10.390,00	11111	marrocain dispatch centre, mrc	1022	ale-usb snd	-109	
10.390,00	11113	marrocain dispatch centre, mrc	1045	ale-usb snd	-109	
10.390,00	1112	marrocain dispatch centre, mrc	1026	ale-usb snd	-109	
10.390,00	11132	marrocain dispatch centre, mrc	838	ale-usb snd	-109	
10.390,00	1114	marrocain dispatch centre, mrc	1201	ale-usb snd	-109	
10.390,00	1116	marrocain dispatch centre, mrc	1907	ale-usb snd	-409	
10.390,00	11164	marrocain dispatch centre, mrc	1502	ale-usb snd	-109	
10.390,00	1118	marrocain dispatch centre, mrc	1151	ale-usb snd	-109	
10.390,00	1119	marrocain dispatch centre, mrc	1912	ale-usb snd	-409	
10.390,00	1301	marrocain dispatch centre, mrc	1123	ale-usb snd	-109	
10.390,00	13011	marrocain dispatch centre, mrc	1839	ale-usb snd	-409	
10.390,00	130111	marrocain dispatch centre, mrc	1801	ale-usb snd	-409	
10.390,00	13021	marrocain dispatch centre, mrc	1149	ale-usb snd	-109	
10.390,00	1303	marrocain dispatch centre, mrc	1841	ale-usb snd	-409	
10.390,00	1304	marrocain dispatch centre, mrc	1928	ale-usb snd	-409	
10.390,00	13043	marrocain dispatch centre, mrc	1131	ale-usb snd	-109	
10.390,00	1305	marrocain dispatch centre, mrc	1202	ale-usb snd	-109	
10.390,00	13052	marrocain dispatch centre, mrc	1507	ale-usb snd	-109	
10.390,00	1306	marrocain dispatch centre, mrc	1135	ale-usb snd	-109	
10.390,00	13061	marrocain dispatch centre, mrc	1130	ale-usb snd	-109	
10.390,00	1307	marrocain dispatch centre, mrc	1148	ale-usb snd	-109	
10.390,00	13071	marrocain dispatch centre, mrc	1036	ale-usb snd	-109	
10.390,00	1308	marrocain dispatch centre, mrc	1818	ale-usb snd	-409	
10.390,00	13082	marrocain dispatch centre, mrc	1426	ale-usb snd	-109	
10.390,00	13091	marrocain dispatch centre, mrc	943	ale-usb snd	-109	
10.390,00	13111	marrocain dispatch centre, mrc	1104	ale-usb snd	-109	
10.390,00	13112	marrocain dispatch centre, mrc	1028	ale-usb snd	-109	
10.390,00	13121	marrocain dispatch centre, mrc	1740	ale-usb snd	-409	
10.390,00	13122	marrocain dispatch centre, mrc	1031	ale-usb snd	-109	
10.390,00	1313	marrocain dispatch centre, mrc	1212	ale-usb snd	-109	
10.390,00	13132	protection civile, mrc	1501	ale-usb snd	-309	
10.390,00	13133	marrocain dispatch centre, mrc	937	ale-usb snd	-109	snd 1107
10.390,00	1314	marrocain dispatch centre, mrc	1819	ale-usb snd	-409	
10.390,00	13141	marrocain dispatch centre, mrc	1143	ale-usb snd	-109	
10.390,00	13142	marrocain dispatch centre, mrc	959	ale-usb snd	-109	
10.390,00	1318	marrocain dispatch centre, mrc	2029	ale-usb snd	-409	
10.390,00	13181	marrocain dispatch centre, mrc	1024	ale-usb snd	-109	
10.390,00	13182	marrocain dispatch centre, mrc	1008	ale-usb snd	-109	
10.390,00	1319	marrocain dispatch centre, mrc	1838	ale-usb snd	-409	
10.390,00	1321	marrocain dispatch centre, mrc	1842	ale-usb snd	-409	

10.390,00	1322	marrocain dispatch centre, mrc	1133	ale-usb snd	-109	
10.390,00	13222	marrocain dispatch centre, mrc	926	ale-usb snd	-109	
10.390,00	1323	marrocain dispatch centre, mrc	1813	ale-usb snd	-409	
10.390,00	1324	marrocain dispatch centre, mrc	1140	ale-usb snd	-109	
10.390,00	1325	marrocain dispatch centre, mrc	1202	ale-usb snd	-109	
10.390,00	13251	marrocain dispatch centre, mrc	1043	ale-usb snd	-109	
10.390,00	13252	marrocain dispatch centre, mrc	1733	ale-usb snd	-409	
10.390,00	13261	marrocain dispatch centre, mrc	1718	ale-usb snd	-409	
10.390,00	13262	marrocain dispatch centre, mrc	1005	ale-usb snd	-109	
10.390,00	13263	marrocain dispatch centre, mrc	1441	ale-usb snd	-109	
10.390,00	2001	marrocain dispatch centre, mrc	1929	ale-usb snd	-409	
10.390,00	201	protection civile marocaine, mrc	1414	ale-usb snd	-309	in contactwith 2518
10.390,00	20111	marrocain dispatch centre, mrc	1721	ale-usb snd	-409	clg "2416"
10.390,00	2201	marrocain dispatch centre, mrc	1857	ale-usb snd	-409	
10.390,00	22011	marrocain dispatch centre, mrc	958	ale-usb snd	-109	
10.390,00	2202	marrocain dispatch centre, mrc	923	ale-usb snd	-109	
10.390,00	22023	marrocain dispatch centre, mrc	1502	ale-usb snd	-109	
10.390,00	2203	marrocain dispatch centre, mrc	1231	ale-usb snd	-109	
10.390,00	2204	marrocain dispatch centre, mrc	1137	ale-usb snd	-109	
10.390,00	22041	marrocain dispatch centre, mrc	1016	ale-usb snd	-109	
10.390,00	2205	marrocain dispatch centre, mrc	1944	ale-usb snd	-409	
10.390,00	22054	mrc-moi/direction de la protection civile	1706	ale-usb snd	-209	
10.390,00	2206	marrocain dispatch centre, mrc	1752	ale-usb snd	-409	
10.390,00	2211	marrocain dispatch centre, mrc	1105	ale-usb snd	-109	
10.390,00	22111	marrocain dispatch centre, mrc	1501	ale-usb snd	-109	clg "2417"
10.390,00	2212	protection civile marocaine, mrc	1525	ale-usb snd	-509	1109 and 2212 snd
10.390,00	2213	marrocain dispatch centre, mrc	2052	ale-usb snd	-409	
10.390,00	2215	marrocain dispatch centre, mrc	1316	ale-usb snd	-109	
10.390,00	2401	marrocain dispatch centre, mrc	1002	ale-usb snd	-109	
10.390,00	2405	marrocain dispatch centre, mrc	1213	ale-usb snd	-109	
10.390,00	2406	marrocain dispatch centre, mrc	1121	ale-usb snd	-109	
10.390,00	24081	marrocain dispatch centre, mrc	1007	ale-usb snd	-109	
10.390,00	2411	marrocain dispatch centre, mrc	1128	ale-usb snd	-109	
10.390,00	24111	marrocain dispatch centre, mrc	1501	ale-usb snd	-109	
10.390,00	24111	mrc-moi/direction de la protection civile	1701	ale-usb snd	-209	
10.390,00	2413	marrocain dispatch centre, mrc	1841	ale-usb snd	-409	
10.390,00	2413	protection civile marocaine, mrc	2144	ale-usb snd	-209	
10.390,00	24151	marrocain dispatch centre, mrc	1040	ale-usb snd	-109	
10.390,00	2416	marrocain dispatch centre, mrc	1758	ale-usb snd	-409	
10.390,00	2417	marrocain dispatch centre, mrc	1501	ale-usb snd	-109	clg "20111"
10.390,00	24181	marrocain dispatch centre, mrc	1502	ale-usb snd	-109	
10.390,00	24191	protection civile marocaine, mrc	1618	ale-usb snd	-309	
10.390,00	24191	marrocain dispatch centre, mrc	1717	ale-usb snd	-409	
10.390,00	2513	marrocain dispatch centre, mrc	1225	ale-usb snd	-109	

10.390,00	2519	marrocain dispatch centre, mrc	1918	ale-usb snd	-409
10.390,00	2521	marrocain dispatch centre, mrc	955	ale-usb snd	-109
10.390,00	2527	marrocain dispatch centre, mrc	1147	ale-usb snd	-109 clg "2528"
10.390,00	2528	marrocain dispatch centre, mrc	1148	ale-usb snd	-109 clg "2528"
10.396,00	---	unid rus/cis military	721	mpsk-12/usb	-209 encrypted/chipher
10.397,00	---	unid rus/cis military	719	rus-75 75/500	-209 encrypted/chipher
10.398,00	---	unid	1702	usb	-209 tfc ara simplex whit beep
10.401,00	---	unid rus/cis military	617	mpsk-12/usb	-409 encrypted/chipher
10.402,00	---	unid military	1857	nato-100/100/850	-509 encrypted/chipher
10.404,00	---	rus/cis military	635	cis-75 75/500	-409 encrypted/chipher
10.405,00	---	unid cis navy ?	1444	unid 73/250	-409
10.405,00	---	unid rus/cis military	543	cis-75 75/250	-409 encrypted/chipher
10.405,00	---	russian military, rus	935	ms-5/at-3104/1440/3400	-309 crypto
10.405,00	---	unid rus/cis military	1031	mpsk-12/usb	-109 encrypted/chipher
10.409,00	---	unid	703	fsk 50/850	-309 encrypted/chipher
10.410,00	---	unid	747	lsb	-309 tfc gre simplex
10.410,50	---	fapsi	726	crowd/usb	-409 tfc/s-off
10.415,00	---	unid	713	cw	-409 tfc 'rpt3 k k'
10.415,00	---	ships	638	gw-dataplex 100/200	-309 working rogaland qsx 11145
10.415,50	---	fapsi	816	crowd/usb	-109 gr(n)
10.426,00	---	unid military	1834	nato-75 75/850	-409 encrypted/chipher
10.428,00	---	unid pips	105	2 tones app 1600hz/2440hz	-209 s/ off at
10.432,00	---	unid rus/cis military	723	mpsk-12/usb	-209 encrypted/chipher
10.432,00	---	unid military, rus	945	rus 60-tone ofdm modem	-1208 idling and tfc
10.435,00	---	unid rus/cis military	1728	mpsk-12/usb	-209 encrypted/chipher
10.435,70	---	rus/cis military	736	81-81 81/1000	-309 encrypted/chipher
10.439,00	---	unid rus/cis military	725	mpsk-12/usb	-209 encrypted/chipher
10.442,00	rea4	cis air force moskva, rus	800	fsk 50/1000	-209 idle
10.443,00	aaa	israeli air force tel aviv, isr	1849	ale-usb snd	-409 snd 1951,2051,2151,2251,2351,0351,0451,0551
10.450,00	789	prob chinese military	1912	ale-usb snd	-409 contacts 645
10.452,00	rfj94	russian rnat, rus	631	bee 36-50/50/200	-509 tfc kry
10.452,00	rfj94	russian rnat, rus	743	cw	-309 tfc/gr a
10.455,50	vie	darwin radio, aus	1529	gw-dataplex 100/200	-309 channel free marker hex header 0xc9
10.456,00	---	unid cis mil ?	1000	unid 57/270	-409
10.456,00	---	unid rus/cis military	1033	mpsk-12/usb	-109 encrypted/chipher
10.456,00	---	russian military, rus	935	rus-75 75/250	-309 crypto
10.456,00	---	rus/cis military, cis	820	81-81 81/250	-109 encrypted/chipher
10.462,00	---	unid military	1632	stanag-4285/600l/5n1/usb	-409 continuos tfc kry
10.469,20	---	unid french forces	1905	arq-e3/192/400	-409 idle
10.469,50	---	fapsi	1519	crowd/usb	-509 tfc 'rnctlhpogmv dcwox '
10.470,00	---	unid	1718	usb	-209 tfc ara simplex
10.477,00	xss	uk-defence hf comm service ncs forest moor	1316	ale-usb snd	-209
10.480,60	1ta6ff	french navy	1022	ale-usb snd	-209 clg 1tl0ff
10.482,00	---	unid rus/cis military	1029	fsk 100/250	-109 encrypted/chipher

10.491,50	---	unid	1905	mfsk-8/lsb	-409	encrypted/chipher ale snd like
10.492,00	---	unid rus/cis military	1619	mpsk-12/usb	-309	encrypted/chipher
10.499,00	fav22	french army mont valerien, f	1717	cw	-309	gr (a)
10.500,00	---	unid	1557	usb	-509	spanish or italian male/male comms, pirates?
10.500,00	3014	unid	1630	ale-usb snd	-509	
10.500,00	erb	erbilqyada1 unid in erbil, iraq	1539	ale-usb snd	-409	calling sulyqyada1-unid in sulaymaniah
10.500,00	erbilqyada	iraqi military erbil, irq	1750	ale-usb snd	-509	clg "duhokqyada1"
10.500,00	sulyqyada	iraqi military sulaymaniah, irq	1831	ale-usb snd	-509	
10.500,00	sulyqyada	iraqi military sule, irq	1630	ale-usb snd	-509	clg "dyanaqyada1"
10.507,50	fav22	french army mont valerien, f	1620	cw	-409	gr (a)
10.509,60	1ta6ff	thales/french navy	1508	ale-usb snd	-209	calls 1tl0ff
10.509,60	1tfdr	unid french navy/thales	1509	ale-usb snd	-109	calls 1tlfuo french navy /thales
10.509,60	1tlfuo	french navy/thales comms toulon	1509	ale-usb snd	-109	calls 1tfdr unid
10.512,00	---	unid rus/cis military	727	mpsk-12/usb	-209	encrypted/chipher
10.512,00	---	unid rus/cis military	1034	rus-75 75/250	-109	encrypted/chipher
10.515,50	---	fapsi	727	crowd/usb	-409	tfc 'rnctlhpogmv dcwox'
10.518,00	---	unid rus/cis military	619	mpsk-12/usb	-409	encrypted/chipher
10.530,00	wmoq	unid rus/cis military	725	cw	-109	clg/wkg "jvfe"
10.531,00	---	unid military	623	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
10.532,00	rcy7	unid	2348	cw	-309	simplex net, msg's with roa98
10.535,00	---	fapsi	1522	crowd/usb	-409	tfc 'rnctlhpogmv dcwox '
10.535,00	rdl	rus/cis navy smolensk, rus	550	bee 36-50 50/250	-309	tfc kry
10.535,90	cfh	canadian forces halifax, can	2101	fax 120/576	-209	cdt 2201 cdt 2222 txt
10.536,00	---	unid nato station	1747	nato-75 75/850	-309	continuous cipher
10.536,00	cfh	canadian forces halifax, can	1639	fax 120/576	-409	"500 mb 12z 36 hr prog v00z thu apr 09"
10.536,00	cfh	canadian forces halifax, can	1131	rtty 75/850r 1.5 stopbit	-309	metars
10.538,00	---	unid	751	usb	-309	tfc ara simplex
10.538,60	shark 20&shark 03	unid	1938	usb	-509	passing vessel information & intercept
10.540,00	---	unid rus/cis military	707	mpsk-12/usb	-309	encrypted/chipher
10.540,00	---	unid, rus rus	1415	cis-12/usb	-109	with pilot tone 3300hz
10.540,60	---	saudi arabian air force, ars	1646	br6028/arq-e 46.2/170/usb	-409	idle on both channels
10.541,00	---	unid	1550	fsk 200/1000	-409	encrypted/chipher
10.544,00	jdn	saudi arabian air force, ars	1658	ale-usb snd	-409	clg "rgn" 1728 clg "rgn"
10.545,20	---	unid	746	cw	-309	tfc/gr a
10.547,00	---	unid intel	1955	rtty 200/500	-409	gr(?) '468719695934485148=7932'
10.551,00	---	unid	957	cw	-109	tfc 'xxx xxx 1gd1b5c3 52513 bando '
10.555,00	vmw	wiluna meteo, aus	1723	fax 120/576	-209	cdt
10.556,00	---	rus/cis military	1025	ms-5/dpsk/usb	-409	in traffic 10584 khz possible qsx
10.556,00	---	unid rus/cis military	1702	mpsk-12/usb	-409	encrypted/chipher
10.559,20	dhj59	german navy wilhelmshaven/sengwarden, d	1631	stanag-4285/600l/3300	-309	crypto
10.560,00	---	rus/cis military	1609	cw	-409	tfc
10.568,00	---	unid, rus	950	cis-12/usb	-109	tfc

10.568,00	---	unid rus/cis military	1035	mpsk-12/usb	-109	encrypted/chipher
10.568,20	ics	italian navy la spezia, i	734	stanag-4285/600l/3300	-309	crypto
10.575,00	xss	defence hf comm. service forest moor, g	724	ale-usb snd	-409	7,540,824,085,409,240,000
10.576,00	---	unid	814	fsk 200/1000	-209	encrypted/chipher
10.577,20	---	unid	1609	pactor-?	-109	encrypted/chipher ?
10.583,00	---	unid	57	cw	-109	simplex net; net chatter
10.583,00	ftoc	unid	250	cw	-109	ftoc contacted nf5b
10.584,00	---	unid rus/cis military	715	mpsk-12/usb	-309	encrypted/chipher
10.584,00	---	rus/cis military	1107	ms-5 1440/dpsk/usb	-509	in traffic
10.588,00	ky4fem	fema kentucky	1408	ale-usb snd	-209	clg tn4fem fema tennessee
10.589,00	---	unid rus/cis military	731	cis-75 75/250	-409	encrypted/chipher
10.602,00	---	unid military	2006	nato-100 100/850	-409	encrypted/chipher
10.612,70	489	unid	1903	cw	-509	gr (a) '489 489 489 ... gr gr ttt ttt'
10.618,00	55	unid chinese/indonesian	1141	ale-usb snd	-1208	
10.625,50	fav22	french army mont valerien, f	638	cw	-409	gr (a)
10.628,00	---	unid rus/cis military	753	mpsk-12/usb	-309	encrypted/chipher
10.630,00	---	unid rus/cis military	710	81-81 40.5/500	-309	encrypted/chipher
10.630,00	9850	unid	638	ale-usb snd	-409	
10.633,00	kwl63	amb usa/dos	906	ale-usb snd	-309	clg kfb90
10.633,00	kwr86	amb usa/dos	913	ale-usb snd	-309	clg kwx57
10.633,00	kws92	amb usa/dos	954	ale-usb snd	-309	clg kwx57
10.638,00	ek9	greek military	1203	ale-usb snd	-109	clg gef
10.643,00	woxn	m89	208	cw	-109	m89 msg bt comm bt 18184 bt
10.645,00	---	unid	1748	usb	-309	vocoder tfc simplex
10.648,00	yhf	mossad tel aviv, isr	1835	usb	-409	gr (a) ing
10.648,50	fav22	french army mont valerien, f	1509	cw	-109	gr(a)
10.649,10	---	unid	1336	cw	-509	tfc encrypt?
10.656,50	---	unid rus/cis military	1032	mpsk-12/usb	-109	encrypted/chipher
10.658,00	2010	prob turkish red crescent, erzerum, tur	1810	ale-usb snd	-509	calls 2015 and 2012 at 18:30
10.658,00	2011	turkish red crescent, tur	1645	ale-usb snd	-409	
10.658,00	2012	turkish red crescent society, tur	2014	ale-usb snd	-409	
10.658,00	2014	turkish red crescent	2058	ale-usb snd	-209	clg "2011"
10.658,00	2016	turkish red crescent, tur	1845	ale-usb snd	-409	
10.658,00	2017	turkish red crescent society, tur	1947	ale-usb snd	-409	
10.658,00	4011	turkish red crescent, tur	1650	ale-usb snd	-409	
10.658,00	4012	turkish red crescent, tur	1659	ale-usb snd	-409	
10.658,00	4015	turkish red crescent society, tur	1836	ale-usb snd	-409	
10.658,00	4016	turkish red crescent society, tur	1859	ale-usb snd	-409	
10.658,00	4017	unid, turkish red crescent, tur	1649	ale-usb snd	-209	
10.662,00	---	unid rus/cis military	739	mpsk-12/usb	-209	encrypted/chipher
10.668,00	---	unid	956	rev 57.8/233	-109	
10.673,60	---	saudi air forces, ars	903	br6028/aeq-e 46.2/170/usb	-109	idle on both ch
10.676,00	---	rus/cis military	751	rus-75 75/250	-309	encrypted/chipher
10.677,00	rgi	saudi air forces, ars	1102	ale-usb snd	-109	clg "jdi"

10.677,00	rgn	saudi air force, ars	1719	ale-lsb	-209	snd 1729
10.677,00	rgp	saudi air forces, ars	922	ale-usb snd	-109	clg "jdp"
10.683,60	fav22	french army mont valerien, f	821	cw	-109	gr(a)
10.700,00	---	unid rus/cis military	622	mpsk-12/usb	-409	encrypted/chipher
10.700,00	911917	nigerian police, nig	1715	ale-usb snd	-309	clg "911911" 1724,1732 clg "911911"
10.704,73	---	unid rus/cis meteo/mil ?	713	cis-14 96/1000	-309	tfc kry
10.707,00	---	unid rus/cis military	547	mpsk-12/usb	-409	encrypted/chipher
10.710,00	tca	turkish navy carlie alfa ankara, tur	715	usb	-309	turkish traffic simplex
10.711,00	---	unid usn vessel	1301	fsk ??/???	-509	testing.
10.711,00	norfolk sesef	hf radio tests	1317	usb	-509	warship 70 responding in usb voice on 7535
10.711,00	unid	usn vessel in fsk testing	1301	usb	-509	
10.711,00	warship 70	unid	1322	usb	-509	voice for coordination of test
10.712,00	---	unid rus/cis military ?	937	bee 36-50 50/200	-109	
10.712,00	7112	nigerian national police force, nig	1732	ale-usb snd	-209	
10.712,00	711711	nigerian national police force, nig	1712	ale-usb snd	-209	clg "711712"
10.712,00	711712	nigerian national police force, nig	742	ale-usb snd	-209	clg "711711"
10.712,00	rka73	navy pskov, rus	735	unid 50-50/50/200	-309	idling or crypto
10.712,00	unid	rus/cis military ?	940	unid 50/200 ?	-409	
10.712,50	---	unid station	1301	cw	-509	5lgs
10.712,50	unid	station with 5 letter groups	1301	cw/usb	-509	
10.715,00	911917	nigerian police, nig	1530	ale-usb snd	-309	clg "911911"1558 clg "911911" 1554
10.726,00	---	unid rus/cis military	801	mpsk-12/usb	-109	encrypted/chipher
10.726,00	---	unid cis station	1113	fsk 162/250	-1208	maybe double speed 81-81 variant, crypto
10.726,00	---	unid rus/cis military	800	mpsk-12/usb	-109	encrypted/chipher
10.726,00	---	rus/cis military	800	rus-75 75/250	-1208	encrypted/chipher
10.728,00	---	unid rus/cis military	1658	mpsk-12/usb	-309	encrypted/chipher
10.733,60	kbf95	unid us embassy ?	503	ale-usb snd	-409	to kbf70 @ 05.08 to kca30
10.733,60	kwa80	unid us embassy ?	842	ale-usb snd	-409	to kxv45
10.733,60	kws92	unid us embassy ?	737	ale-usb snd	-409	to kwx57
10.733,60	kws96	unid us embassy ?	636	ale-usb snd	-409	to kwx57
10.733,60	kwx94	unid us embassy ?	920	ale-usb snd	-409	to kwx96
10.736,00	---	rus/cis military	802	rus-75 75/250	-1208	encrypted/chipher
10.736,00	---	rus/cis military	620	cis-75 75/200	-409	encrypted/chipher
10.741,00	nni	usn/nato naples italy	1156	nato-75 75/850	-109	continuous cipher
10.746,00	sab	goeteborg radio, s	1151	gw-dataplex 100/200	-309	channel free marker hex id 0xde
10.751,60	idq	italian navy roma, i	1708	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
10.760,00	---	unid, rus	1004	cis-12/usb	-109	tfc
10.761,00	fav22	french army mont valerien, f	2012	cw	-409	gr (a)
10.773,60	kwx94	us-dept of state "emerg. & evac. netw."	1037	ale-usb snd	-109	clg kwx96
10.773,60	kwx96	us-dept of state "emerg. & evac. netw."	1037	ale-usb snd	-109	clg kwx94
10.780,00	---	cape radio cape canaveral, afs	1313	usb	-309	wkg "bh 300"
10.780,00	0gk	unid	1010	usb	-309	"zero-golf-kilo" calling "fisher"

10.796,00	riw	cis navy moskva, rus	729	rus-75 75/500	-209	encrypted/chipher
10.796,00	rjd85	russian navy, rus	838	cw	-309	5f msg to rje56
10.796,00	rje56	russian navy, rus	644	cw	-309	simplex traffic to rjd85 and rjf94
10.796,00	rjf94	russian naval air transport station, rus	647	cw	-309	simplex traffic to rje56
10.801,00	---	unid rus/cis military	1034	fsk 100/250	-109	encrypted/chipher
10.808,00	---	unid rus/cis military	1039	mpsk-12/usb	-109	encrypted/chipher
10.816,00	---	unid cis station	941	f1b 57.92/234	-309	idling
10.816,00	---	unid rus/cis military	1036	81-81 81/250	-109	encrypted/chipher
10.820,00	roc	ptt yakutsk, rus	857	cis-arq 100/1000	-109	encrypted/chipher
10.822,00	---	unid	1459	cw	-509	cclg? eesis eesis eesis eesis @ 15.00 s/off.
10.824,45	---	cis ptt	826	cis-arq 100/2000	-109	encrypted/chipher
10.825,00	---	msf bruxelles, bel	1555	pactor	-409	clg switch pactor-3
10.832,00	---	unid station, rus	1422	fsk 50/850	-309	crypto
10.835,00	fdi22	french air force narbonne, f	603	rtty 50/400	-509	ry+test+foxes
10.836,00	---	unid rus/cis military	1041	mpsk-12/usb	-109	encrypted/chipher
10.837,00	fav22	french army mont valerien, f	639	cw	-409	gr (a)
10.839,00	---	unid rus/cis military	815	mpsk-12/usb	-209	encrypted/chipher
10.855,50	---	unid station	1416	cw	-509	5lgs
10.855,50	unid	station with 5 letter groups	1416	cw/usb	-509	
10.859,70	---	unid rus/cis military	803	fsk 100/2000	-109	encrypted/chipher
10.869,20	rfvi	french forces le port r,union	1643	arq-e3/100/390	-209	cdv on circuit rei to paris
10.871,70	d	mx beacon odessa	1212	cw	-309	
10.871,70	d	rus navy sevastopol, rus	1013	cw	-109	channel marker
10.871,80	i	ou m ?? unid very near p on spectro ...	1452	cw	-409	
10.871,80	p	cis navy beacon kaliningrad, rus	720	cw	-109	gr (a)
10.871,90	mm	mx beacon, magadan??	1833	cw	-409	
10.871,90	s	rus-n arkhangelsk, rus	1729	cw	-309	channel marker
10.871,90	s	mx beacon, severomorsk	0	cw	-309	
10.872,00	c	mx beacon, moscow	0	cw	-409	
10.872,10	a	mx beacon, astrakhan	1833	cw	-409	
10.872,40	m	mx beacon, magadan	0	cw	(0409	
10.873,00	---	rus/cis military	849	mpsk-1212/usb	-109	encrypted/chipher
10.873,00	---	unid rus/cis military	724	cis-75 75/200	-209	encrypted/chipher
10.874,00	tya1	rus/cis military	1418	cw	-309	duplex traffic qsa check with pi2w
10.885,50	---	rus/cis military	1517	mpsk-12/usb	-409	encrypted/chipher
10.893,50	xjt	defence hf communications service	1641	ale-usb snd	-409	clg "xss" 1649,1655 clg "xss"
10.901,57	---	unid	808	mfsk-8/100	-109	encrypted/chipher
10.908,00	---	unid rus/cis military	1744	rus-75 75/200	-309	encrypted/chipher
10.917,00	---	fapsi	833	rtty 75/500	-109	gr (n)'11100 40155 46385 1400'
10.922,00	---	unid rus/cis military	726	fsk 50/250	-209	encrypted/chipher
10.925,50	---	unid rus/cis military	758	mpsk-12/usb	-309	encrypted/chipher
10.932,00	---	unid rus/cis military	733	mpsk-12/usb	-209	encrypted/chipher
10.932,00	---	unid rus/cis military	1043	rus-75 75/250	-109	encrypted/chipher
10.933,00	---	unid	748	cw	-209	gr (a)

10.934,80	riw	rus/cis navy moskva, rus	703	cw	-309	clg/wkg rdnd 0721 clg/wkg rkzr
10.939,00	---	unid rus/cis military	827	mpsk-12/usb	-209	encrypted/chipher
10.945,00	cfh	canadian forces halifax, can	1246	rtty 75/850r/2 stopbits	-209	naws de cfh zkr f1 2822 3394 4158 6254
10.955,00	---	unid rus/cis military	818	81-81 81/250	-209	encrypted/chipher
10.956,00	---	rus/cis military	805	mpsk-12/usb	-1208	encrypted/chipher
10.956,00	riw	navy hq moscow, rus	1409	at-3104/1440/3400/usb	-1208	crypto tfc to rmzw in parallel w/ 12056
10.958,00	---	swiss forces bern, sui	725	ale-usb snd	-309	encrypted/chipher protected linksimplex
10.963,20	---	unid military	837	stanag-4285/600l/5n1/usb	-109	tfc kry
10.967,40	riw	rus/cis navy moskva, rus	708	cw	-309	clg/wkg rdnd
10.976,00	---	russian navy, rus	1045	bee 36-50 50/200	-109	f1/cw qrj ? k short reversals, then out
10.976,00	---	unid rus/cis military	625	fsk 50/250	-409	encrypted/chipher
10.984,00	---	unid rus/cis military	1550	mpsk-12/usb	-109	encrypted/chipher
10.989,00	---	unid rus/cis military	802	fsk 100/250	-209	encrypted/chipher
10.996,80	---	algerian embassy maputo, moz	1556	coquelet-8 26,6	-109	from kinshasa to alger
10.998,00	4101	unid kellog brown root inc station, irq	1026	ale-usb snd	-309	
10.998,00	6101	kellog brown kbr root inc net, irq	1842	ale-usb snd	-409	6101 and 6801
10.998,00	623352	prob kellog brown root inc net, irq	1847	ale-usb snd	-409	contacts 624536
10.998,00	6701	kellog brown & root inc, irq	1545	ale-usb snd	-209	
10.998,00	6869	unid kellog brown root inc station, irq	728	ale-usb snd	-309	
10.998,00	7201	kellog brown & root inc, irq	1713	ale-usb snd	-409	
10.998,00	8101	unid kellog brown root inc station, irq	802	ale-usb snd	-309	
11.000,00	maintenan	unid us military or government	1524	usb	-509	calling 234 for radio check. 14may2009
11.000,00	ral48/riw	russian naval	1223	cw	-109	qsa 2 qrv k
11.000,00	rgr77	russian naval	1111	cw	-109	establishing comms, qsa imi k
11.000,00	riw	rus/cis navy moskva, rus	647	cw	-109	clg/wkg rla88
11.004,00	---	unid rus/cis military	1044	mpsk-12/usb	-109	encrypted/chipher
11.004,00	---	unid station	1538	link-11/usb	-509	
11.004,00	---	unid rus/cis military	828	rus-75 75/200	-209	encrypted/chipher
11.004,00	---	unid rus/cis military	627	fsk 50/250	-409	encrypted/chipher
11.005,70	---	norwegian navy, nor	806	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
11.005,70	---	unid norwegian navy?	1728	stanag-4285/600l	-309	encrypted
11.010,50	---	unid station	1315	ale-usb snd	-1208	calling data10
11.010,50	data01	unid	1057	ale-usb snd	-1208	clg data25
11.012,00	---	unid rus/cis military	732	rus-75 75/500	-209	encrypted/chipher
11.015,00	---	unid military	1659	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
11.016,00	---	unid	1706	link-11/usb	-509	
11.018,20	---	unid military	1626	stanag-4285/600l/5n1/usb	-209	send kg84 msgs
11.020,00	---	turkish navy ankara, tur	1120	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
11.020,00	iba	nato napoli?	1735	stanag-4285/600l	-309	encrypted
11.025,00	rkv23	ptt tyumen, rus	810	cis-arq 100/500	-109	encrypted/chipher
11.030,00	vmc	australian meteo charleville, aus	628	fax 120/576	-409	cdt 0645 cdt
11.030,50	oey41	austrian army	1122	ale-usb snd	-109	clg oye52
11.030,50	oey52	wien aut austrian army	1135	ale-usb snd	-109	clg oey41
11.033,00	sse	mfa cairo, egy	1717	codan 16-tones/usb	-209	encrypted/chipher

11.033,35	riw	cis navy moskva, rus	656	cw	-109	clg/wkg rgv82 0804 clg/wkg rka80
11.034,70	---	egyptian embassy kinshasa, zai	1550	arq 100/170/atu-80	-209	wkg cairo 14445,7
11.034,70	sse	mfa cairo, egy	1122	fec 100/170/atu-80	-409	tfc ara
11.034,70	sse	mfa cairo, egy	1734	arq 100/170/atu-80	-209	tfc ara
11.039,00	ddh9	german meteo hamburg meteo, d	1716	rtty 50/400	-309	wxfcst
11.042,60	iba	ncsa naples, i	840	stanag-4285/600l/3300/usb	-209	crypto traffic
11.042,70	---	unid	0	stanag-4285/600l	-309	encryted from italy ?
11.042,70	pbc	dutch navy goeree, hol	745	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
11.050,00	99911	egyptian diplo	707	codan 16-tones/usb	-109	encrypted/chipher
11.055,00	---	unid rus/cis military	734	fsk 100/500	-209	encrypted/chipher
11.056,70	sse	mfa cairo, egy	1542	arq 100/170	-109	clg/wkg sanaa
11.063,00	---	unid	728	ale-usb snd	-309	tfc kry
11.065,00	---	unid rus/cis military	724	rtty 50/500	-309	tfc kry
11.068,00	---	rus/cis military	652	mpsk-12/usb	-409	encrypted/chipher
11.073,00	---	enigma's m24	1248	cw	-109	call-up 352 followed by a 31 and 29
11.086,00	gya	royal navy northwood	1534	fax 120/576	-509	wx chrt.
11.086,50	gya	royal navy london, g	1150	fax 120/576	-109	txt gale warnings 1302 schedule
11.090,00	kvm70	honolulu meteo, hwa	636	fax 120/576/800	-409	east pacific goes ir satellite image.
11.090,00	kvm70	kahalelani meteo ,hwa	704	fax 120/576	-409	cdt 0714,0727,0806 cdt 0740,0753 txt
11.096,00	---	unid military	709	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
11.100,00	m2	italian forces	650	stanag-4285/1200s/7n1/usb	-409	tfc ita/kry
11.101,00	---	unid rus/cis military	515	mpsk-12/usb	-509	encrypted/chipher
11.101,00	---	unid rus/cis military	600	fsk 50/200	-509	encrypted/chipher
11.108,00	---	unid rus/cis military	810	mpsk-12/usb	-209	encrypted/chipher
11.111,00	stat152	tunesian moi/military, tun	1431	ale-usb snd	-1208	clg stat24
11.111,00	stat22	tunesian moi/military, tun	1044	ale-usb snd	-1208	[tws] to tud, after pactor-ii
11.111,00	stat23	tunesian police, tun	832	ale-usb snd	-1208	clg "tud"
11.111,00	stat24	tunesian moi/military, tun	1415	ale-usb snd	-1208	
11.111,00	stat25	tunesian police, tun	918	ale-usb snd	-1208	clg "tud"
11.112,70	stat152	tunesian police, tun	1033	pactor-2	-1208	send krypted mail 'default#hfarq#stat152'
11.112,70	stat22	tunis police	859	pactor-2	-209	send krypted mail 'default@#hfarq#stat22'
11.112,70	stat23	tunis police	847	pactor-2	-209	send krypted mail 'default@#hfarq#stat23'
11.112,70	stat25	tunesian police, tun	918	pactor-2	-1208	send krypted mail 'default@#hfarq#stat25'
11.120,00	---	unid rus/cis military	709	mpsk-12/usb	-109	encrypted/chipher
11.125,00	---	unid multiple voice net	2000	lsb	-509	multiple participants/unid lng/very low sigs
11.128,00	---	rus/cis military	1615	mpsk-12/usb	-309	encrypted/chipher
11.130,00	e4	moroccan army	1615	ale-usb snd	-309	contacts c3
11.130,00	j501	maroccain army, mrc	957	ale-usb snd	-209	clg "c3"
11.130,00	ka201	royal moroccan army, mrc	1720	ale-usb snd	-309	clg c3
11.130,00	o5	moroccan military	934	ale-usb snd	-409	calls c3 [ber 19 sn 04]
11.130,00	o5ale3	royal moroccan army, mrc	1747	ale-usb snd	-309	clg o7
11.130,00	s301ale1	royal moroccan army, mrc	1744	ale-usb snd	-309	clgc3
11.130,00	t401al	moroccan military	902	ale-usb snd	-409	calls c3 [ber 20 sn 04]
11.130,00	t401ale1	moroccan military	917	ale-usb snd	-409	calls c3 [ber 19 sn 04].

11.131,00	---	unid rus/cis military	812	81-81 81/250	-109	encrypted/chipher
11.133,00	---	egyptian embassy london, g	1638	codan 16-tones/usb	-209	encrypted/chipher
11.134,70	---	egyptian embassy london, g	1614	arq 100/170/atu-80	-209	wkg cairo 1700 clg/wkg cairo
11.139,00	---	rus/cis military	706	bee 36-50 50/250	-309	tfc kry
11.145,00	lfi	rogoland radio, nor	2059	pactor-gw	-209	encrypted/chipher/ch marker
11.146,00	---	unid rus/cis military	710	mpsk-12/usb	-109	encrypted/chipher
11.146,00	---	rus/cis military	1554	cis-75 75/250	-409	encrypted/chipher
11.155,00	---	unid	605	fsk 50/850	-509	encrypted/chipher
11.156,00	---	unid rus/cis military	955	mpsk-12/usb	-309	encrypted/chipher
11.156,70	sse	egyptian embassy cairo, egy	1716	arq 100/170/atu-80	-309	clg/wkg abidjan
11.156,70	sse	egyptian embassy cairo, egy	1729	fec 100/170/atu-80	-309	tfc ara
11.159,00	---	unid	607	fsk 50/850	-509	encrypted/chipher
11.159,00	---	unid military	747	nato-75 75/850	-209	encrypted/chipher
11.168,00	---	unid rus/cis military	831	mpsk-12/usb	-209	encrypted/chipher
11.168,60	kca30	dos/amb, usa ?	1227	ale-usb snd	-209	clg kbf
11.168,60	kwa22	us-dept of state "emerg. & evac. netw."	1038	ale-usb snd	-109	clg kwx96
11.168,60	kwa37	dos/amb, usa ?	949	ale-usb snd	-209	clg kwt93
11.168,60	kwt93	dos/amb, usa ?	820	ale-usb snd	-209	clg kwt91
11.168,60	kwx45	dos/amb, usa ?	733	ale-usb snd	-209	clg kwa43
11.168,60	kwx53	dos/amb, usa ?	939	ale-usb snd	-209	clg kwx99
11.168,60	kwx59a	dos/amb, usa ?	935	ale-usb snd	-209	clg kwx57
11.168,70	hblzdrd1	roumanian military	824	ale-usb snd	-209	clg "hfjcdrd1"
11.168,70	hfjcdrd1	roumanian military	825	ale-usb snd	-209	send msgs to "hblzdrd1"
11.171,00	---	unid rus/cis military	957	mpsk-12/usb	-309	encrypted/chipher
11.174,00	doom 91	calling mainsail off frequency	1520	usb	-509	
11.175,00	---	puerto rico hf-gcs station, prt	29	usb	-309	wkg"brady 13"
11.175,00	---	us navy diego garcia, dga	633	usb	-409	clg/wkg "reach611"
11.175,00	---	andrews andrews air force base, usa	1542	usb	-209	eam
11.175,00	---	sigonella air force base, i	1203	usb	-209	
11.175,00	---	us air force andrews camp springs, usa	2104	usb	-209	eam broadcast
11.175,00	benedict	unid	2159	usb	-109	26-character eam hngbvr
11.175,00	blue eyes	28-char eam	1610	usb	-309	cz54o2 first heard from andrews at 1542z
11.175,00	collapse	28-char eam	2027	usb	-1208	y23nij preceding offutt's 2029z
11.175,00	courtland	eam bcasts	500	usb	-309	at least 2 eams
11.175,00	cuw	us air force lajes field azr	1638	usb	-109	in contact withcondor 3981
11.175,00	goal post	unid	2006	usb	-1208	wkg andrews for a phone patch
11.175,00	gvt	l-3 communications mstf greenville, tx	1547	usb	-509	with short test count
11.175,00	lajes	us hf-gcs station, lajes, azr	1317	usb	-309	wkg "shark 41"
11.175,00	offutt	hf-gcs station offutt	2056	usb	-109	wkg excite 01 for phone patch
11.175,00	prescott	clg mainsail	1939	usb	-209	raised andrews for a phone patch
11.175,00	projector	28-char eam	2000	usb	-209	rebcsting the 28-character lny6js
11.181,00	---	warszawa polish forces, pol	834	usb	-209	polish traffic simplex
11.181,00	adw	us air force andrews afb camp springs, usa	1235	ale-usb snd	-209	
11.181,00	aedspr	sipri net gateway elmendorf afb alaska	1854	ale-usb snd	-309	

11.181,00	c2o	unid	1440	ale-usb snd	-309	ale-usb working cro-us scope command
11.181,00	crospr	us air force croughton, g	813	ale-usb snd	-209	
11.181,00	guaspr	us air force andersen afb barrigada, gum	824	ale-usb snd	-209	
11.181,00	hawspr	us air force wideawake, asc	827	ale-usb snd	-209	
11.181,00	iczspr	us navy sigonella, i	827	ale-usb snd	-209	
11.181,00	jdgspr	diego garcia dga us navy	1405	ale-usb snd	-209	
11.181,00	jnrspr	us navy salinas ab roosvelt roads, prt	1055	ale-usb snd	-209	
11.181,00	jtyspr	us air force yokota, j	853	ale-usb snd	-209	
11.181,00	mob	unid sipri net user	1439	ale-usb snd	-309	working aedspr-siprinet gateway
11.181,00	offspr	omaha,ne, usa us air force offut afb	1243	ale-usb snd	-209	
11.181,00	plaspr	us sipri net gateway lajes, azr	1523	ale-usb snd	-309	
11.184,00	3	reykjavik air, isl	1714	acars	-209	squitters
11.184,00	amx002	unid aircraft air mexico flt amx002	1429	hfdl	-309	posrep 4057n 00801w
11.184,00	vt-vjk	kingfisher a330	1405	hfdl	-409	logs on to reykjavik
11.199,50	---	unid	1452	usb	-509	portugese? simplex male/male comms. pirates?
11.205,00	---	unid station, possibly smasher	1800	usb	-509	calling another station on "high fox"
11.208,00	habitat	clg station 804	1410	usb	-509	brief clear voice id calling station 804
11.208,00	xss	dhfcs forest moor, g	714	ale-usb snd	-109	7,440,814,084,409,140,000,000,000,000,000
11.213,00	mkl	amcc northwood, g	839	nato 75/850	-109	encrypted/chipher
11.217,00	---	unid gaf?	1515	usb	-1208	eng
11.217,00	dhm91	german air force m�nster, d	840	usb	-109	wkg "magic65"
11.217,00	xss	defence hf comm service forest moor, g	908	ale-usb snd	-209	snd 0938,1008,1038,1108,1208,1238,1309
11.220,00	---	andrews afb, usa	2354	usb	-309	wkg "legislate"
11.220,00	offutt	hf-gcs station offutt, usa	2338	usb	-309	wkg"legislate"
11.226,00	---	us air force ascension wideawake, asc	1732	usb	-209	clg/wkg"salinas" radio cecks
11.226,00	---	us air force croughton, g	1741	usb	-209	wkg"ascension" radio cecks
11.226,00	277177	us air force aircraft, usa	1543	ale-usb snd	-209	
11.226,00	491711	kc10 extender 79-1711	1324	ale-usb snd	-309	
11.226,00	523	us air force aircraft, usa	1839	ale-usb snd	-209	
11.226,00	571	us air force aircraft, usa	1318	ale-usb snd	-209	
11.226,00	adw	us air force andrews afb camp spings, usa	1227	ale-usb snd	-209	
11.226,00	crospr	us air force croughton, g	1612	ale-usb snd	-209	
11.226,00	gua	us air force barrigada gum	1322	ale-usb snd	-209	
11.226,00	haw	us air force wideawake, asc	1742	ale-usb snd	-209	1731 clg "jnr" 1736 clg "pla"
11.226,00	icz	us navy sigonella, i	1355	ale-usb snd	-209	
11.226,00	jdg	nsf diego garcia, dga	1541	ale-usb snd	-109	[this was] jdg
11.226,00	jnr	us air force roosvelt roads, ptr	603	ale-usb snd	-509	snd 0612 clg "adw"
11.226,00	lajes	us air force lajes, azr	1736	usb	-209	wkg "ascension"radio cecks
11.226,00	off	us air force offut afb omaha, usa	1740	ale-usb snd	-209	
11.226,00	pla	us air force ljaes, azr	603	ale-usb snd	-509	
11.226,00	salinas	us air force roosvelt roads, prt	1732	usb	-209	wkg"ascension" radio cecks
11.226,00	uke307	raf/usaf aircraft, g	801	ale-usb snd	-509	
11.226,70	---	egyptian diplo	1625	arq 100/170/atu-80	-209	tfc ara/s-off
11.228,00	---	unid	1002	ale-usb snd	-409	tfc kry or blank msgs fixed 75 baud rate

11.232,00	---	trenton military, can	1827	usb	-109	wkg "sentry 60"
11.232,00	canforce2(	unid	1840	usb	-109	wkg trenton military
11.232,00	chr	canadian forces	1648	usb	-309	working trenton military
11.232,00	sentry 60	e-3b awacs/552nd acw, tinker afb, ok	1403	usb	-109	wkg trenton military
11.246,00	aaa	ncs israeli air force tel aviv, isr	1340	ale-usb snd	-109	aaa and aa1
11.248,50	---	unid north korean diplo	1245	dprk-arq 600/600	-109	no decode
11.253,00	---	raf volmet swanwick	1522	usb	-109	wx
11.279,00	---	tashkent tashkent, uzb volmet r2b	950	usb	-209	wx rus
11.297,00	---	rostov na donu volmet service	1355	usb	-309	russian wx site
11.297,00	---	moskva, rus volmet r2c	840	usb	-209	wx rus
11.297,00	rostov	vm	1458	usb	-409	yl "mineralna woda, stavropol, volgograd"
11.297,00	utd	sankt peterburg, rus volmet	1805	usb	-309	russian wx
11.300,00	---	asmara control asmara, eri	1627	usb	-409	wkg addis abeba
11.300,00	---	khartoum air, sdn	1221	usb	-1208	in contact with tripoli
11.300,00	---	tripoli air, lby	1649	usb/2k4	-309	in contact with qatari 593
11.300,00	---	entebbe centroentebbe, uga	1631	usb	-409	wkg addis abeba
11.300,00	---	mogadiscio info, som	1628	usb	-409	tfc ing/selcall
11.300,00	addis	addis abeba air, eth	1630	usb	-109	clg/wkg khartoum
11.300,00	benghazi	benghazi/benina air, lby	1750	usb	-409	wkg "air france ...'
11.300,00	sanaa	yem acc/fir afi-3	1626	usb	-409	wkg addis abeba
11.312,00	15	muhurroq air, bhr	1511	hfdl	-109	squitters
11.318,00	---	samara volmet service, rus	1416	usb	-309	site is listed at 15/45 minutes past hour
11.318,00	---	syktyvkar volmet, rus	830	usb	-209	wx rus
11.318,00	---	tyumen volmet, rus	852	usb	-209	russian female voice
11.318,00	---	tyumen volmet, rus	852	usb	-209	russian female voice reading weather
11.318,00	13	santa cruz/viru viru air, bol	702	hfdl	-409	squitters
11.318,00	tyumen	volmet service	1351	usb	-309	yl russian wx site
11.321,00	ki2xao	honywell international experimental station	2052	usb	-509	working n922jw-dassault-breguet mystere
11.330,00	---	new york radio riverhead, usa	2001	usb	-409	wkg "jetblue 790"
11.330,00	tokyo	acc np, j	1704	usb	-409	wkg "korean ....'
11.345,00	---	stockholm radio stockholm ldoc	1401	usb	-309	traffic w/unidentified aircraft
11.348,00	17	arinc telde, cnr	1509	fdl 300/2400/usb	-1208	uplink to vs0900 london-tokyo
11.348,00	17	telde air, cnr	1514	hfdl	-109	squitters
11.354,00	9	barrow air, als	802	hfdl	-309	squitters
11.354,00	falcon bahrain	gulf air muhurroq, bhr	1713	usb	-209	wkg '884'
11.354,00	usawe7	us airways flt	746	hfdl	-509	unid us airways flight usawe7
11.362,00	yarkasar'	unid russian aero station	926	usb	-109	two russian stations
11.384,00	7	shannon air, irl	1531	hfdl	-109	squitters
11.396,00	---	new york riverhead,ny, usa air car-a	1711	usb	-209	tfc ing
11.402,60	---	unid italian or moroccan	1417	siemens chp-200/250/170	-1208	no decode ,first in non hopping mode
11.405,00	sse	mfa cairo, egy	1632	codan 16-tones/usb	-109	send msgs to nairobi
11.408,00	rea4	russian air force hq moscow, rus	1050	fsk 50/1000	-409	revs idling between skeds
11.418,50	oey51	austrian ,il;itary wien, aut	703	ale-usb snd	-409	send msgs to oey71

11.418,50	oey71	austrian army golan heigts, syr	740	ale-usb snd	-409	clg oey51
11.421,70	---	french forces djibuti, dji ?	1613	arq-e 192/	-309	idling
11.421,70	fjy5	dtre alfred faure base, cro	1534	arq-e3 192/380	-109	idle
11.424,00	---	unid rus/cis military	814	mpsk-12/usb	-109	encrypted/chipher
11.427,00	---	rus/cis military	703	81-81 40,5/250	-309	encrypted/chipher
11.427,50	adz	agades ngr consolato algerino	1212	ale-usb snd	-209	clg "gao"
11.433,50	aar4yi	unid	1645	cw	-509	checking into the shares net in cw mode
11.433,50	aat7we	unid	1645	cw	-509	checking into the shares net in cw mode
11.433,50	ncs202	unid	1645	cw	-509	checking into the shares net in cw mode
11.445,90	fav22	french army mont valerien, f	1705	cw	-209	gr (a)
11.446,00	fav22	french army mont valerien, f	1858	cw	-409	gr (a)
11.448,30	---	unid dprk diplo	1150	dprk-arq 600/600	-1208	no decode qsx 12220,50
11.455,00	ak1id	algerian national police, alg	1028	ale-usb snd	-509	
11.455,00	gm1rb	guelma algerian national police, alg	1359	ale-usb snd	-509	
11.455,00	me1ni	el-meniaa algerian national police, alg	1849	ale-usb snd	-409	
11.455,00	ou1rg	ouargla algerian national police, alg	1139	ale-usb snd	-509	
11.455,00	tg1rt	touggortou algerian national police, alg	1238	ale-usb snd	-509	
11.455,20	---	military	1630	stanag-4285/600l/5n1/usb	-209	continuostfc kry
11.456,00	bb7	israeli air force, isr	1442	ale-usb snd	-309	ale-usbale
11.468,00	---	unid rus/cis military	749	rus-75 75/200	-209	encrypted/chipher
11.470,00	---	unid station chita, rus	923	rtty 50/500e/2.5 stopbits	-209	crypto traffic in or near chita
11.470,00	---	unid rus/cis military	821	fsk 100/500	-209	encrypted/chipher
11.470,00	rea4	hq lraf moscow	1220	revs 50/1000	-509	idling // not found, qsy
11.472,00	201	unid	1745	ale-usb snd	-409	contacts 011
11.475,00	1101	unid	1712	ale-usb snd	-309	
11.475,00	mae	mfa algiers, alg	1340	ale-usb snd	-209	calling rbt and gao
11.475,00	rbt	algerian embassy rabat, mrc	1347	ale-usb snd	-209	to mae [uuf] 124 67 65 and [amd]
11.475,00	rbt	algerian embassy rabat, mrc	1643	skyfax/usb	-309	send msgs to "mae"
11.483,50	---	diplo dpkr	740	fsk 600/600	-109	encrypted/chipher
11.484,00	---	unid	738	cw	-309	tfc 'qsa2k'
11.486,00	---	intel ?	715	usb	-309	gr n)
11.486,00	---	rus/cis military	1622	cis-75 75/250	-509	encrypted/chipher
11.490,00	---	unid rus/cis military	704	fsk 100/500	-409	encrypted/chipher
11.490,00	210501	greek police, grc	1457	ale-usb snd	-109	
11.490,00	210688	greek police, grc	1622	ale-usb snd	-109	
11.490,00	210788	greek police, grc	1503	ale-usb snd	-109	
11.490,00	210888	greek police, grc	1537	ale-usb snd	-109	
11.490,00	679	unid	1759	ale-usb snd	-509	contacts 243.
11.494,00	---	camslant us coast guard chesapeak, va	5	usb	-209	calling cg k20 no joy
11.494,00	500	us coast guard hc-130h, usa	1921	ale-usb snd	-309	clg "tsc"
11.494,00	707	us coast guard hc-130h, usa	1902	ale-usb snd	-309	
11.494,00	720	us coast guard hc-130h, usa	1902	ale-usb snd	-309	
11.494,00	d31	cpb p-3b "slick", usa	2123	ale-usb snd	-409	
11.494,00	d45	cpb p-3 aew&c, usa	2107	ale-usb snd	-409	

11.494,00	d48	cpb p-3 aew&c, usa	2012	ale-usb snd	-309	
11.494,00	f33	us coast guard hu-25, usa	2149	ale-usb snd	-409	clg "lnt"
11.494,00	lnt	us coast guard chesapeake, usa	1733	ale-usb snd	-309	clg "j31" 1815 clg "j29"
11.494,00	opb	dea nassau, bah	2038	ale-usb snd	-409	clg "j19"
11.494,00	pac	us coast guard point reyes, usa	2111	ale-usb snd	-409	clg "716"
11.494,00	t9a	cpb piper pa-42-720r, usa	2106	ale-usb snd	-309	
11.498,60	jumpteam1	us military?	1416	ale-usb snd	-409	
11.498,60	jumpteam2	us military?	2333	ale-usb snd	-409	
11.500,00	2010	turkish red crescent, tur	1846	ale-usb snd	-309	clg 2012
11.500,00	2012	turkish red crescent, tur	915	ale-usb snd	-109	
11.500,00	2017	turkish red crescent, tur	845	ale-usb snd	-109	
11.500,00	4012	unid, turkish red crescent, tur	959	ale-usb snd	-209	
11.500,00	4015	turkish red crescent, tur	1452	ale-usb snd	-109	
11.500,00	4016	turkish red crescent, tur	1515	ale-usb snd	-109	
11.500,00	9850	turkish red crescent, tur	1302	ale-usb snd	-109	
11.500,00	nido1/nido	unid station	1807	ale-usb snd	-509	active here and on 12100
11.500,00	rdd71	ptt moskva, rus	845	cis-arq 100/500	-109	encrypted/chipher
11.510,00	---	unid rus/cis military	824	mpsk-12/usb	-209	encrypted/chipher
11.511,00	fav22	french army mont valerien, f	1645	cw	-309	gr (a)
11.516,00	---	rus/cis military	718	mpsk-12/usb	-309	encrypted/chipher
11.517,00	---	unid rus/cis military	742	rus-75 75/250	-109	encrypted/chipher
11.521,00	---	unid rus/cis military	712	mpsk-12/usb	-109	encrypted/chipher
11.521,85	rfvit	french forces dzaoudzi, myt	1530	arq-e3 192/400	-109	idle
11.524,00	---	unid rus/cis military	827	bee 36-50 50/200	-209	tfc kry
11.524,50	---	dosc moscow, rus	1448	crowd-36 40/1500	-1208	crypto traffic
11.543,60	1ta6ff	french navy	1038	ale-usb snd	-209	clg 1tl0ff
11.548,00	rla88	russian navy vessel	1446	cw	-109	clg rmp
11.560,00	---	unid rus/cis military	751	rus-75 75/200	-209	encrypted/chipher
11.565,00	ezi	mossad tel aviv, isr	709	usb	-309	gr (a) ing
11.568,00	---	unid rus/cis military	816	mpsk-12/usb	-109	encrypted/chipher
11.573,00	fav22	french army mont valerien, f	1123	cw	-209	gr (a)
11.584,00	---	rus/cis military	720	rtty 50/500	-409	tfc kry
11.584,00	---	unid rus/cis military	757	fsk 100/250	-209	encrypted/chipher
11.585,00	---	unid rus/cis military	707	fsk 100/500	-409	encrypted/chipher
11.586,00	---	unid	712	cw	-409	gr (a)
11.598,00	---	russian naval	1316	revs 50	-109	idling
11.600,00	---	rus/cis military	706	mpsk-12/usb	-309	encrypted/chipher
11.606,00	bzl26	unid	1630	fsk 50/500	-309	encrypted/chipher
11.611,00	---	unid	753	fsk 200/1000	-209	encrypted/chipher
11.612,00	---	prob railway comms, rus	953	rtty 50/500/m2-cyrillic	-309	operational msgs railway baku astrakhan
11.612,00	---	baku railways, azb	601	fsk-cw	-409	tfc
11.628,00	---	unid	1002	cw	-309	gr n)
11.629,00	---	unid rus/cis military	704	cis-75 75/250	-409	encrypted/chipher
11.687,50	---	us navy	1531	nato-50 50/850	-109	encrypted/chipher

11.687,50	---	unid french navy station	1621	fsk 50/850	-209	enciphered rough bearing 50/230ø no acf
11.693,50	wuk4113	us army coe	1448	ale-usb snd	-509	
11.697,00	---	unid rus/cis military	716	cis-75 75/250	-409	encrypted/chipher
11.712,00	---	unid rus/cis military	829	rus-75 75/250	-209	encrypted/chipher
11.827,00	---	rus/cis military	915	mpsk-12/usb	-409	encrypted/chipher
11.985,00	---	unid	917	cw	-409	tfc/gr a)
12.011,00	---	rus/cis military	721	bee 36-50 50/500	-309	tfc kry
12.056,00	---	rus/cis military	810	mpsk-12/usb	-1208	encrypted/chipher
12.056,00	riw	navy hq moscow, rus	1408	at-3104/1440/3400/usb	-1208	crypto traffic to rmzw
12.065,00	11011	marrocain dispatch centre, mrc	1118	ale-usb snd	-109	
12.065,00	1103	marrocain dispatch centre, mrc	1319	ale-usb snd	-109	
12.065,00	11032	marrocain dispatch centre, mrc	1456	ale-usb snd	-109	
12.065,00	1104	marrocain dispatch centre, mrc	1256	ale-usb snd	-109	
12.065,00	11064	marrocain dispatch centre, mrc	1059	ale-usb snd	-109	
12.065,00	1111	marrocain dispatch centre, mrc	1348	ale-usb snd	-209	
12.065,00	11113	marrocain dispatch centre, mrc	1543	ale-usb snd	-209	
12.065,00	11121	marrocain dispatch centre, mrc	1301	ale-usb snd	-109	
12.065,00	11133	marrocain dispatch centre, mrc	1255	ale-usb snd	-109	
12.065,00	1115	marrocain dispatch centre, mrc	1259	ale-usb snd	-109	
12.065,00	1116	marrocain dispatch centre, mrc	1019	ale-usb snd	-209	
12.065,00	1301	marrocain dispatch centre, mrc	1125	ale-usb snd	-209	
12.065,00	13011	marrocain dispatch centre, mrc	1250	ale-usb snd	-109	
12.065,00	1304	marrocain dispatch centre, mrc	754	ale-usb snd	-209	
12.065,00	13052	marrocain dispatch centre, mrc	1605	ale-usb snd	-109	
12.065,00	13071	marrocain dispatch centre, mrc	1136	ale-usb snd	-109	
12.065,00	13082	marrocain dispatch centre, mrc	1524	ale-usb snd	-109	
12.065,00	13091	marrocain dispatch centre, mrc	1538	ale-usb snd	-109	
12.065,00	1311	marrocain dispatch centre, mrc	1221	ale-usb snd	-209	
12.065,00	1312	marrocain dispatch centre, mrc	742	ale-usb snd	-209	
12.065,00	13121	marrocain dispatch centre, mrc	1135	ale-usb snd	-109	
12.065,00	13122	marrocain dispatch centre, mrc	1130	ale-usb snd	-109	
12.065,00	1313	marrocain dispatch centre, mrc	1305	ale-usb snd	-109	
12.065,00	13132	marrocain dispatch centre, mrc	1102	ale-usb snd	-109	
12.065,00	13133	marrocain dispatch centre, mrc	1538	ale-usb snd	-109	
12.065,00	1314	marrocain dispatch centre, mrc	1624	ale-usb snd	-209	
12.065,00	13141	marrocain dispatch centre, mrc	1646	ale-usb snd	-209	
12.065,00	131411	marrocain dispatch centre, mrc	1602	ale-usb snd	-209	
12.065,00	1316	marrocain dispatch centre, mrc	701	ale-usb snd	-209	
12.065,00	1318	marrocain dispatch centre, mrc	1259	ale-usb snd	-109	
12.065,00	13181	marrocain dispatch centre, mrc	1122	ale-usb snd	-109	
12.065,00	13182	marrocain dispatch centre, mrc	1104	ale-usb snd	-109	
12.065,00	13231	marrocain dispatch centre, mrc	943	ale-usb snd	-209	
12.065,00	1324	marrocain dispatch centre, mrc	720	ale-usb snd	-209	
12.065,00	13242	marrocain dispatch centre, mrc	1537	ale-usb snd	-209	

12.065,00	13252	marrocain dispatch centre, mrc	1535	ale-usb snd	-209	
12.065,00	1326	marrocain dispatch centre, mrc	713	ale-usb snd	-209	
12.065,00	13263	marrocain dispatch centre, mrc	939	ale-usb snd	-209	
12.065,00	2001	marrocain dispatch centre, mrc	913	ale-usb snd	-109	clg "2409"
12.065,00	2011	marrocain dispatch centre, mrc	1340	ale-usb snd	-209	clg "2412"
12.065,00	20111	marrocain dispatch centre, mrc	1418	ale-usb snd	-109	clg "2413" 1418 clg "2216"
12.065,00	22011	marrocain dispatch centre, mrc	1506	ale-usb snd	-209	
12.065,00	2203	marrocain dispatch centre, mrc	1149	ale-usb snd	-209	
12.065,00	22041	marrocain dispatch centre, mrc	1518	ale-usb snd	-209	
12.065,00	2205	marrocain dispatch centre, mrc	1442	ale-usb snd	-109	
12.065,00	22054	marrocain dispatch centre, mrc	1505	ale-usb snd	-209	
12.065,00	2213	marrocain dispatch centre, mrc	1313	ale-usb snd	-109	
12.065,00	2214	marrocain dispatch centre, mrc	1523	ale-usb snd	-209	
12.065,00	2215	marrocain dispatch centre, mrc	942	ale-usb snd	-109	
12.065,00	2405	marrocain dispatch centre, mrc	1543	ale-usb snd	-209	
12.065,00	2406	marrocain dispatch centre, mrc	751	ale-usb snd	-209	
12.065,00	2409	marrocain dispatch centre, mrc	1257	ale-usb snd	-109	
12.065,00	24111	marrocain dispatch centre, mrc	1100	ale-usb snd	-109	
12.065,00	2415	marrocain dispatch centre, mrc	1333	ale-usb snd	-109	
12.065,00	24151	marrocain dispatch centre, mrc	1045	ale-usb snd	-209	
12.065,00	2419	marrocain dispatch centre, mrc	1138	ale-usb snd	-209	
12.065,00	2514	marrocain dispatch centre, mrc	1529	ale-usb snd	-109	
12.107,50	---	fapsi	709	crowd/udb	-409	tfc/s-off 'rnctlhpogmv dcwox '
12.110,00	2010	turkish red crescent, tur	1855	ale-usb snd	-309	clg 2012
12.110,00	2015	turkish red crescent, tur	1618	ale-usb snd	-209	clg "5047"
12.110,00	2016	turkish red crescent society, tur	1552	ale-usb snd	-409	
12.110,00	4013	turkish red crescent, tur	935	ale-usb snd	-209	
12.110,00	4015	poss turkish red crescent	1749	ale-usb snd	-109	
12.110,00	4017	turkish red crescent, tur	847	ale-usb snd	-209	
12.110,00	9850	turkish red crescent, tur	1046	ale-usb snd	-209	
12.110,00	9857	turkish red crescent, tur	1550	ale-usb snd	-209	
12.110,00	bielak79	unid	1152	ale-usb snd	-209	
12.113,70	sse	mfa cairo, egy	636	arq 100/170	-409	clg/wkg islamabad
12.115,00	---	unid military	2026	stanag-4285/200l/5n1/usb	-409	continuos tfc kry
12.116,00	---	unid rus/cis military	1048	81-81 81/250	-109	encrypted/chipher
12.120,00	---	us navy salinas ab roosvelt roads, prt	729	nato-75 75/850	-209	encrypted/chipher
12.120,00	---	unid military	837	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
12.127,00	bpxl	iranian navy, irn	1558	rtty 75/850	-409	tfc kry
12.128,00	---	unid rus/cis military	1605	bee 36-50 50/250	-209	tfc kry
12.129,00	charlie company	unid calling bat comms	1628	usb/voice/andvt/ale-usb	-509	for radio check in the clear
12.129,00	charlie company	unid calling bat comms	1628	usb/andvt/ale-usb	-509	usb voice for radio check in the clear
12.135,00	---	unid rus/cis military	641	fsk 100/500	-409	encrypted/chipher

12.135,50	---	fapsi	556	crowd/usb	-409	tfc 'rnctlhpogmv dcwox '
12.138,20	---	unid french forces	842	arq-e3/192/400	-209	idle
12.155,00	uis	russian military	703	cw	-309	tfc/gr n
12.160,00	c01	maroccain army, mrc	717	ale-usb snd	-209	clg "bmv" 0822,1304 clg "bmv"
12.160,00	c2	maroccain army, mrc	1312	ale-usb snd	-109	clg "e4"
12.160,00	c3	maroccain army, mrc	832	ale-usb snd	-209	clg "e4"
12.160,00	c3ale2	mrca, mrc	1050	ale-usb snd	-409	clg "p301ale1"
12.160,00	g301ale2	maroccain army, mrc	1101	ale-usb snd	-109	clg "l6"
12.160,00	i201	moroccan army	1042	ale-usb snd	-509	contacts c3
12.160,00	ka201	maroccain army, mrc	1048	ale-usb snd	-109	clg "c3"
12.160,00	kb3	unid	1227	ale-usb snd	-109	clg "kb2"
12.160,00	l601ale1	maroccain army, mrc	1158	ale-usb snd	-109	clg "c3"
12.160,00	p301ale1	mrca, mrc	918	ale-usb snd	-409	clg "c3ale2" 1007 clg "c3ale2"
12.168,00	fav22	french army mont valerien, f	1058	cw	-109	gr (a)
12.178,00	---	unid rus/cis military	755	mpsk-12/usb	-209	encrypted/chipher
12.178,00	---	unid rus/cis military	831	81-81 81/250	-209	encrypted/chipher
12.179,00	olz76	czech embassy tunis, tun	921	ale-usb snd	-1208	
12.183,80	lcr152	janki polish forces, pol	1051	ale-usb snd	-209	clg "jacyna37"
12.183,80	morton25	polish forces	712	ale-usb snd	-209	sendmsgs to "sudanit42"
12.183,80	sudanit42	polish forces	711	ale-usb snd	-209	clg "morton25"
12.183,80	watford87	polish forces	951	ale-usb snd	-209	clg "morton25"
12.184,00	---	rus/cis military	704	fsk 100/500	-309	encrypted/chipher
12.186,00	---	dosc, rus	1425	fsk 200/1000/synch acf 288	-309	encrypted txt
12.191,30	---	cis mil/meteo ?	728	cis-14 96/500	-309	tfc kry/s-off
12.191,70	sse	mfa cairo, egy	1602	arq 100/170/atu-80	-109	clg/wkg alger 7826,7
12.193,00	---	unid rus/cis military	634	cis-75 75/250	-409	encrypted/chipher
12.197,00	lcr154	polish military	1315	ale-usb snd	-409	contacts spf219
12.202,00	fav22	french army mont valerien, f	610	cw	-509	gr (a)
12.202,50	---	mfa pyongyang, kor	710	arq 600/600	-1208	all encrypted text
12.203,00	---	unid rus/cis military	833	mpsk-12/usb	-209	encrypted/chipher
12.204,00	73	singapore navy, sng rss supreme	1621	ale-usb snd	-209	clg cn3
12.204,00	cn3	singapore navy, sng	1621	ale-usb snd	-209	clg 73 rss supreme
12.207,00	r-22	brazilian navy ship "tridente" r-22	0	usb	-209	qso w/ unid ship
12.209,00	---	unid intel	1030	rtty 200/500	-409	gr(_) '36032390016291490 =81914'
12.209,00	3061	unid	727	ale-usb snd	-409	
12.209,00	3211	unid	2028	ale-usb snd	-409	
12.209,00	3351	unid	714	ale-usb snd	-409	
12.209,00	3421	unid	1924	ale-usb snd	-409	
12.209,00	4061	unid	653	ale-usb snd	-409	
12.209,00	8011	unid	1946	ale-usb snd	-409	
12.209,00	8031	unid	749	ale-usb snd	-409	
12.209,00	8061	unid	1223	ale-usb snd	-409	
12.209,00	8161	unid	732	ale-usb snd	-409	
12.209,00	8341	unid	1803	ale-usb snd	-409	

12.209,00		8551	unid	2038	ale-usb snd	-409	
12.209,00		9857	unid	1955	ale-usb snd	-409	
12.209,00	rci		saudi arabian air force, ars	1629	ale-usb snd	-409	clg "rci" 1642,1812 clg "rci"
12.211,00	---		unid	821	fsk 200/1000	-209	encrypted/chipher
12.220,50	---		unid dprk diplo	1152	dprk-arq 600/600	-1208	no decode qsx 11448,3
12.222,00	---		egyptian embassy tripoli, lby	1606	codan 16-tones/usb	-409	wkg cairo 14522,0
12.222,70	---		egyptian embassy abdjan, cti	807	arq 100/170/atu-80	-409	wkg cairo 16318,7
12.222,70	sse		mfa cairo, egy	1701	arq 100/170/atu-80	-209	tfc ara/gr(x
12.223,70	---		egyptian embassy tripoli, lby	1608	arq 100/170/atu-80	-409	wkg cairo 14523,7
12.224,50	---		unid	1718	am	-409	tone sequence 900,1000, 880.800.840.960 hz
12.225,00	fav22		french army mont valerien, f	1608	cw	-509	gr (a)
12.226,70	sse		mfa cairo, egy	637	arq 100/170	-409	tfc ara/s-off
12.227,00	---		unid rus/cis military	714	mpsk-12/usb	-109	encrypted/chipher
12.227,00	---		unid rus/cis military	746	rus-75 75/250	-109	encrypted/chipher
12.230,00	xgk		unid station uk dhfcs net	1628	ale-usb snd	-509	calls xss-ncs
12.230,00	xjk		uk defence hf comm service/tascom station	1315	ale-usb snd	-409	contacts xss-ncs
12.230,00	xss		defence hf comm service ncs forest moor, g	1536	ale-usb snd	-309	
12.256,00	---		unid rus/cis military	836	fsk 50/250	-209	encrypted/chipher
12.280,00	romeo alfa mike		unid	1504	usb	-109	clg "albatros"
12.330,40	bpxl		iranian navy, irn	839	rtty 75/850	-209	tfc kry
12.333,25	bpxl		iranian navy, irn	1654	rtty 75/850	-409	tfc kry
12.333,50	---		unid	1038	mfsk-8	-409	encrypted/chipher
12.356,00	---		kaliningrad radio, rus	1628	usb	-309	tlf
12.362,00	vmw		wiluna meteo, aus	1438	usb	-1208	male voice with weather
12.370,50	---		unid vessel	1613	globedata	-209	in traffic to 9hd-malta
12.376,50	xss		defence hf comm service forest moor, g	742	ale-usb snd	-209	7,520,813,082,209,440,000
12.384,20	---		military, rus	1010	fsk-8 200bd/7*300	-309	husb idling on a bitpattern
12.390,00	gya		jomoc northwood uk	1615	fax 120/576	-209	fair surface analysis chart
12.390,00	gya		royal navy northwood, g	745	fax 120/576	-109	cdt 0757,0821,0833,0845,0857,0909 cdt
12.402,00	---		military	1627	nato-100 100/850	-309	encrypted/chipher
12.409,50	idc23		global link network weihai, chn	1955	pactor-2	-209	encrypted/chipher/chmarker/cw id
12.410,60	---		french forces ship, ?	1052	stanag-4285/600l/5n1/usb	-109	send kg84 msgs
12.431,00	bovienzo		italian guarfi ship	1637	ale-usb snd	-309	calls taranto
12.431,00	cagliari		italian guarfi cagliari, i	1045	ale-usb snd	-309	clg "damato" 1536,1542 clg "damato"
12.431,00	greco		italian guarfi	1544	ale-usb snd	-309	to taranto
12.431,00	ier149		italian guarfi taranto, i	1150	ale-usb snd	-309	clg " ?"
12.431,00	ier933		italian guarfi vibovalentia, i	1136	ale-usb snd	-309	clg "napoli"
12.447,50	unid		spanish net	2342	usb	-1208	
12.464,00	---		unid	812	cw	-209	rjt22 24673 kormowoj 6830 3165 k
12.464,00	rgv82		russian warship	1336	unid	-1208	rgv92 qyt4 qsa4 qsa? k, qsx 14556 khz
12.464,00	rmsb		unid russian navy ship	1440	cw	-1208	qsa check with riw on 11000
12.480,00	---		unid rus/cis military	738	rus-75 75/250	-209	encrypted/chipher
12.568,20	---		unid military	756	stanag-4285/600l/5n1/usb	-209	tfc kry

12.577,00	---	mrcc almeda, honolulu		2009	dsc	-209	calls vraf7-darya shakti-prc
12.577,00	3669991	us coast guard boston, usa		1335	dsc 100/170	-209	calling themselves as test
12.577,00	4122100	shanghai radi,o chn		1538	dsc 100/170	-509	answers call from 351054000 3fft7
12.577,00	4122100	shanghai radio, chn		1538	dsc 100/170	-509	
12.577,00	27256500	ukr oil platform modu tavrida		1523	unid	-509	
12.577,00	3eej9	deep driller-panamanian flag		1042	dsc	-509	test rq to mrcc miami usa
12.577,00	3eru	saf marine taraba		2036	dsc	-209	unknown type contact with tema
12.577,00	3ffp7	tern spirit-panama flag		1145	dsc	-109	safety rq to yqi- constanta harbour
12.577,00	3fmi8	global oji		2110	dsc	-209	calls charleville/wiluna rcc,australia
12.577,00	5030001	charleville/wiluna radi,o aus		1243	dsc 100/170	-209	calling 477119000 vrxz7 kota ganteng
12.577,00	8pts	wilson gaeta-barbados		1034	dsc	-409	safety rq to mrcc aarhus/ bremen
12.577,00	9hsd7	castor-maltese flag		1120	dsc	-209	safety rq to mrcc aarhus/ bremen/oxz
12.577,00	9vna8	ennerdale-singapore		1040	dsc	-409	safety rq to svo- olympia/jrcc piraeus
12.577,00	a8wp4	geeta-liberia time ? ? ?		0	dsc	-209	safety call to mrccnorfolk, va, usa
12.577,00	camspac	pt reyes, ca		2024	dsc	-209	bqs request from seatriumph-9hdy7-malta
12.577,00	cqmp	visten-portugal		1024	dsc	-409	safety rq to esa-tallinn/mrcc tallinn
12.577,00	ebvd	fishing vessel eirado do costal, e		2132	dsc	-209	dsc requests telephone call
12.577,00	hscp2	nordana sophie-panama		2048	dsc	-209	calls 3fvs7-goldenelizabeth-panama
12.577,00	ibrh	mare di ravenna-italy		2122	dsc	-209	safety rq to mrcc valparaiso
12.577,00	icgh	ursa minor-italy		1123	dsc	-209	safety rq to mrcc aarhus/bremen
12.577,00	icpr	vessel red dragon,i		1036	dsc	-509	test rq to mrcc aarhus/bremen
12.577,00	j8b2750	joanna-st vincent & grenadines		1035	dsc	-409	safety rq to mrcc finisterre/coru¤a
12.577,00	mnwf6	hyundai tokyo-uk		1924	dsc	-209	safety test with camspac,pt reyes, usa
12.577,00	pbet	vessel marianne k-netherlands		1017	dsc	-409	safety rq to aspropirgos attikis
12.577,00	pdag	adriaan-netherlands		1139	dsc	-109	safety rq to sxe2-jrcc piraeus greece
12.577,00	pheb	fairmast-netherlands		2119	dsc	-209	calls mrcc madrid forsafety check
12.577,00	suh	alexandria radio/sar centre cairo		1033	dsc	-409	safety bq to v2pp6-diana scan-antigua
12.577,00	suh	rcc centre cairo		1117	dsc	-509	bq test with torm gudrun- lahb6-norway
12.577,00	svcc	m/v jassasiya-greece		1104	dsc	-509	tr to mrcc bilbao-eas 4929n 00343w
12.577,00	vqmm2	m/v thuringia express, g		1038	dsc	-509	test rq to jrcc piraeus greece
12.577,00	vrdy	cscl panama-prc		1104	dsc	-509	test rq to falmouth coastguard uk
12.579,00	nmf	us coast guard cape cod,ma, usa		1630	fec 100/170	-209	wx/av
12.579,00	nmo	us coast guard honolulu, hwa		732	sitor-b/100/170	-509	hawaiian offshore water forecast
12.579,00	nmo	us coast guard honolulu, hwa		732	fec 100/170	-509	hawaiian offshore water forecast
12.579,00	nrv	us coast guard apra harbur, gum		1500	fec 100/170	-109	wx/av
12.580,50	osy	brugge bel sailmail		1101	pactor-3	-109	encrypted/chipher
12.581,50	wlo	mobile radio, usa		1459	arq 100/170	-109	ch marker/cw id
12.581,50	xsv	tianjin radio, chn		702	fec 170/100	-509	navs in english , fair
12.581,50	xsv	tianjin radio, chn		1642	arq 100/170	-409	ch marker/cw id
12.582,00	---	unid rus/cis military		748	rus-75 75/250	-109	encrypted/chipher
12.583,50	9mg	penang radio, mla		1627	pactor-gw	-409	encrypted/chipher/ch marker
12.585,00	nrv	us coast guard apra harbour, gum		1716	arq 100/170/arq-cw	-509	identification
12.587,00	lzw54	varna radio, bul		1441	arq 100/170	-109	cw id
12.587,00	lzw54	varna radio, bul		1045	fec 100/170	-209	tl 1050 wx/nw

12.590,00	---	unid rus/cis military	750	bee 36-50 50/200	-109	tfc kry
12.592,00	---	rus/cis military	812	bee 36-50 50/50/200	-1208	tfc kry
12.592,00	---	rus/cis military	712	bee 36-50 50/200	-309	tfc kry
12.592,00	---	unid	1351	bee? 50/200 ?	-109	
12.599,50	uat	moscow	816	cw	-109	sit/a marker
12.603,50	svo5	olympia radio athinai, grc	2100	fec 100/170	-409	wx 'de svo svo svo telos meteo'
12.610,00	---	unid rus/cis military	752	bee 36-50 50/200	-109	tfc kry
12.610,00	---	unid military	1618	bee 50/210 ?	-309	
12.613,00	xsq	guangzhou radio, chn	1638	arq 100/170	-409	ch marker/cw id 1646 test, foxes
12.617,00	sab	goeteborg radio, s	1439	pactor-gw	-109	encrypted/chipher/ch marker
12.626,00	vjs	perth radio, aus	1645	pactor-gw	-209	encrypted/chipher/ch marker
12.629,00	tah	mms istanbul radio, tur	1648	arq	-309	a/cw marker
12.629,00	vjs	perthradio, aus	1437	pactor-gw	-109	encrypted/chipher/ch marker
12.631,00	ksm	unid, usa	50	rtty 45/170	-109	
12.637,50	xsg	shairadio radio, chn	1642	rtty 100/170	-209	tlx 1644 channel marker/cw id
12.641,00	sab	goeteborg radio, s	1455	pactor-gw	-109	encrypted/chipher/ch marker
12.647,00	a9m	hamala radio, bhr	754	pactor-gw	-109	encrypted/chipher/ch marker
12.654,00	tah	istanbul turk radio, tur	807	fec 100/170	-509	turkish/english weather bulletin
12.655,00	vie	globe wireless darwin	1442	globedata	-409	idler id byte c9
12.660,00	lfi	rogoland radio, nor	756	pactor-gw	-109	encrypted/chipher/ch marker
12.660,00	whl	st petersburg, usa,	5	digital bursts/cw	-309	ids fair signal
12.660,00	whl	st. augustine, usa	5	pactor-3	-309	bursts, cw ids, fair signal
12.661,20	---	unid military	844	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
12.666,50	fug12/rffm	french navy la regine, f	1635	stanag-4285/600l/5n1/usb	-409	ry+sg+test+foxes
12.668,00	---	unid rus/cis military	758	mpsk-12/usb	-109	encrypted/chipher
12.673,50	a9m	globe wireless manama	1442	globedata	-409	idler id byte 5f
12.673,50	a9m	hamala radio, bhr	1613	pactor-gw	-209	encrypted/chipher/ch marker
12.680,40	8po	bridgetown radio, brb	1827	pactor-gw	-209	encrypted/chipher/ch marker
12.683,00	---	us navy okinawa, j	1446	nato-75 75/850	-409	kg-84 message blocks
12.683,00	---	unid military	801	nato-75 75/850	-209	encrypted/chipher
12.683,00	---	unid military	1550	nato-75 75/850	-409	encrypted/chipher
12.683,40	8po	bridgetown radio, brb	1824	pactor-gw	-209	encrypted/chipher/ch marker
12.687,00	heb23	global link network berna, sui	1635	pactor-2	-309	chmarker/cw id 'cq cq de heb'
12.691,00	---	unidentified location	1208	stanag-4285/600l	-1208	no traffic
12.698,50	---	unid	1630	pactor-?	-409	encrypted/chipher
12.700,90	---	unid	1103	stanag-4285/usb	-109	send short messages
12.701,00	hwu	french navy le blanc, f	853	fsk 50/850	-109	encrypted/chipher
12.704,50	---	unid military	846	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
12.707,00	yfah	russian military	935	cw	-209	dqst de yfah zgl zfv zaz qyt6 k
12.709,00	a9m	globe wireless bahrain	1325	globedata	-109	idler id 5f
12.709,50	---	unid military	1641	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
12.713,00	---	unidentified location	1128	stanag-4285/600l	-1208	no traffic
12.721,00	9hd	la valletta radio, mlt	1639	pactor-gw	-209	encrypted/chipher/ch marker
12.724,00	---	unid rus/cis military	1632	36-50/50/250	-409	tfc kry

12.724,20	---	military	1634	stanag-4285/300l/5n1/usb	-209	continuostfc kry
12.730,00	fub	french forces paris, f	1823	fsk 50/850	-209	encrypted/chipher
12.732,00	9hd	globe wireless malta, mlt	1504	globedata	-409	idling
12.736,00	rea4	cis air force moskva, rus	719	fsk 25/1000	-309	idle
12.741,00	---	unid rus/cis military	1107	bee 36-50 50/250	-109	tfc kry
12.745,50	jjc	kyodo tokyo radio, jap	1633	fax 120/576	-309	
12.749,00	---	unid rus/cis military	800	rus-75 75/250	-109	encrypted/chipher
12.750,00	nmf	us coast guard cape cod,ma, usa	1835	fax 120/576	-209	cdt 1845,1905 cdt
12.752,00	---	unid rus/cis military	802	bee 36-50 50/250	-109	tfc kry
12.756,50	a9m	hamala radio, bhr	1109	pactor-gw	-109	encrypted/chipher/ch marker
12.763,50	dao23	global link network kiel, d	1629	pactor-3	-409	encrypted/chipher/ch marker
12.763,50	dao23	global link network kiel, d	1700	pactor-2	-409	tl 1800,1900, 2000 tl
12.769,00	---	rus/cis military	1605	mpsk-12/usb	-409	encrypted/chipher
12.770,00	rwd59	ptt moskva, rus	804	cis-arq 100/495	-109	encrypted/chipher
12.788,00	nmg	us coast guard new orleans, usa	2130	usb	-209	wx //8502,0
12.799,50	---	vladivostok radio rus	721	arq 100/170	-309	tlx
12.800,00	ufz	sao lintong, chn	1559	cw	-309	identification for 30 seconds
12.800,00	ufz	vladivostok radio, russia	102	fec	-309	fec/nbdp "naq wsem sudam more &rm=
12.808,00	---	rus/cis military	700	cis-75 75/250	-409	encrypted/chipher
12.808,50	vtg7	in mumbai, ind	0	cw	-409	436 wx andaman sea
12.818,00	sab	goeteborg radio, s	1429	pactor-gw	-109	encrypted/chipher/ch marker
12.823,50	ctp	portuguese navy palhais/oeiras/lisbon, por	1601	rtty 75/850	-209	naws naws de ctp ctp ctp
12.832,00	rdl	rus/cis navy smolensk, rus	745	bee 36-50 50/200	-309	tfc kry
12.840,50	pbb	dutch navy ijumiden, hol	1450	rtty 75/850	-109	availability
12.843,00	hls	pup'yong radio, kor	1610	cw	-409	cq de
12.847,20	---	unid	1658	stanag-4285/300l/5m1/usb	-209	continuos tfc kry
12.851,00	sab	goeteborg radio, s	1446	pactor-gw	-109	encrypted/chipher/ch marker
12.854,00	ufz	vladivostok radio, rus	804	arq 100/170	-109	tlx
12.857,00	6ww	french navy dakar, sen	1111	stanag-4285/300/5n2/usb	-109	ry+test 'faaa faaa de 6ww 6ww 6ww'
12.873,60	fug	french forces la regine	1636	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
12.877,50	uiw	russian radio	1620	rtty 50/170	-309	wx 'nawarea
12.883,60	---	unid military	1634	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
12.892,50	9hd	la valletta radio, mlt	1426	pactor-gw	-109	encrypted/chipher/ch marker
12.898,00	---	unid rus/cis military	747	mpsk-12/usb	-309	encrypted/chipher
12.903,00	vth2	indian navy mumbai, ind	1329	rtty 50/975e-1.5 stopit	-1208	english weather bulletin
12.903,00	vth7	indian navy mumbai, ind	1708	rtty 50/850e/1,50 stopbit	-509	ryryry vth 1/4/5/7 rbsl bnr
12.904,00	rjh25	russian navy ship	958	cw	-1208	calling rgr77 qsx 12394 16599
12.905,20	---	military	1631	stanag-4285/600l/5n1/usb	-209	continuostfc kry
12.916,50	hlf	pup'yong/seoul radio, kor	806	cw	-109	cq de
12.919,60	---	unid military	1609	stanag-4285/600l/5n1/usb	-309	idle
12.923,00	hlw2	pup'yong/seoul radio, kor	807	cw	-109	cq de
12.930,70	eba	spanish navy madrid, e	1632	stanag-4285/600l/5n1/usb	-209	send kg84 msgs in to long pause
12.935,00	hls	pup'yong radio, kor	1615	cw	-409	cq de
12.958,20	---	unid military	1555	stanag-4285/600l/5n1/usb	-309	continuos tfc kry

12.965,00	uso5	izmail radio, ukr	1602	cw	-209	clg 4ki
12.969,00	xsv	tianjin, chn radio	1625	cw	-409	cq de
12.981,00	xtqh	russian military	1116	cw	-409	ends bcast message nr 485
12.992,00	---	rus/cis military	651	mpsk-12/usb	-309	encrypted/chipher
13.002,00	hec	bern radio, sui	1555	pactor-gw	-209	encrypted/chipher/ch marker
13.014,00	---	rus/cis military	702	cis-75 75/250	-409	encrypted/chipher
13.017,00	kph	san francisco radio, usa	1553	pactor-gw	-209	encrypted/chipher/ch marker
13.019,00	heb43	gln bern, sui	2118	pactor-3	-209	ch marker/cw id 'cq cq de heb'
13.025,50	heb33	global link network bern, sui	1700	pactor-2	-409	tl 1800 tl
13.028,00	---	unid rus/cis military	749	rus-75 75/500	-309	encrypted/chipher
13.029,15	---	unid	1624	pactor ?	-409	encrypted/chipher
13.031,20	rflie	french navy fort de france, mrt	1655	stanag-4285/300l/5n2/usb	-209	ry+test 'zui testing'
13.033,50	vcs	halifax radio, can	1443	pactor-gw	-109	encrypted/chipher/ch marker
13.042,50	fuv	french navy djibouti, dji	1439	stanag-4285/300l/5n2/usb	-109	ry+sg+test+foxes
13.048,00	---	unid rus/cis military	640	cis-75 75/250	-409	encrypted/chipher
13.050,00	udk2	murmansk radio	1128	arq	-409	telegrams in russian to unid in autotelex
13.050,00	udk2	murmansk radio, rus	1000	rtty 50/170	-209	wx/nw
13.050,00	udk2	murmansk radio, rus	658	arq-cw	-509	id "de udk2", fair
13.051,00	---	rus/cis military	0	bee 36-50 50/240	-109	idle
13.057,60	eba	spanish navy madrid, e	1627	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
13.069,40	kfs	palo alto,ca, usa radio	1550	pactor-gw	-309	encrypted/chipher/channel marker
13.072,00	---	unid military	1619	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
13.076,00	---	rus/cis military	749	81-81 81/250	-409	encrypted/chipher
13.089,00	---	us coast guard chesapeake,va, usa	1715	usb	-209	wx
13.089,00	---	us coast guard lualualei hwa	1800	usb	-209	wx
13.101,00	esa	tallinn, est radio	649	usb	-309	v-m
13.101,00	gwpwbl	ship -brasilian navy, b	1919	ale-usb snd	-509	clg "gwpwf33"
13.101,00	gwpwf33	brasilian fortaleza navy, b	1909	ale-usb snd	-509	clg "gwpwbl" 1920 clg "gwpwjc"
13.107,00	xsq	guangzhou radio, chn	857	usb	-209	tlf
13.110,00	---	cape town radio, afs	1615	usb	-109	wx
13.116,70	104	unid	858	ale-usb snd	-209	clg "102"
13.119,00	---	unid gw radio ?	1453	pactor-gw ?	-109	encrypted/chipher/ch marker
13.128,00	tah	istanbul radio, tur	1800	usb	-209	av/wx tur
13.131,00	---	unid	230	usb	-209	maritime shore station
13.135,20	---	unid military	1620	stanag-4285/300l/5n1/usb	-409	send kg84 msgs
13.137,00	udk2	murmansk radio, rus	1615	usb	-409	tlf
13.138,00	---	rus/cis military	950	rus 50/50/250	-309	encrypted/chipher
13.142,00	44444	unid	1619	ale-usb snd	-509	
13.146,00	---	cape town radio, afs	1818	usb	-209	nw \\4375,0 8740,0
13.146,00	---	monte carlo radio, mco	1730	usb	-509	wx fra
13.149,00	---	murmansk radio russia	1606	usb	-409	ends operator
13.149,00	uhs	murmansk radio, rus	1616	usb	-409	tlf
13.153,40	3ac	monte carlo radio, mco	1450	pactor-3	-109	encrypted/chipher/ch marker
13.153,40	9mg	globewireless penang, mla	1227	pactor-gw/100/200	-1208	channel free marker 0xcc

13.158,00	---	unid military	1554	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
13.162,30	xsq	guangzhou radio, chn	1054	pactor-gw/100/200	-209	channel free marker hex header 0x57
13.162,40	vct	tor's cove radio, can	1602	pactor-gw	-209	encrypted/chipher/ch marker
13.170,00	---	olimpia radio athinai radio, grc	1113	usb	-109	v-m
13.170,00	svo	olympia radio, grc	1342	usb	-109	"this is olympia radio"
13.179,00	---	unid	853	mpsk-7	-209	encrypted/chipher
13.179,00	---	unid	1632	mfsk-8/usb	-509	encrypted/chipher
13.179,00	kiev	ukr radio	821	usb	-309	tlf
13.182,00	xsq	guangzhou radio, chn	851	usb	-209	tlf
13.195,00	---	rus/cis military	645	fsk 50/250	-309	encrypted/chipher
13.195,00	---	unid rus/cis military	642	cis-75 75/250	-409	encrypted/chipher
13.196,00	---	rus/cis military	647	mpsk-12/usb	-309	encrypted/chipher
13.200,00	adw	us air force andrews afb camp springs, usa	1625	usb	-209	eam broadcast
13.206,00	---	unid	1859	link-11/usb	-509	
13.206,00	---	military	1556	stanag-4285/2400l/5n1/usb	-409	continuos tfc kry
13.215,00	---	nato tadil modem	1025	link-1/2250/usb	-509	very weak
13.215,00	221102	us air force c-17 02-1102	1254	ale-usb snd	-109	221102 and icz- sigonalla italy snd
13.215,00	adw	us air force andrews afb camp springs, usa	1705	ale-usb snd	-109	
13.215,00	aifjty	us air force yokota, j	928	ale-usb snd	-209	
13.215,00	ascension	us air force lajes, azr	1809	usb	-509	wkg lajes radio cecks
13.215,00	cro	us air force croughton, g	956	ale-usb snd	-209	
13.215,00	gbl	royal navy gibraltair, gib	1657	ale-usb snd	-109	
13.215,00	gua	us air force andersen afb barrigada, gum	2100	ale-usb snd	-509	
13.215,00	haw	us air force ascension, asc	1628	ale-usb snd	-509	
13.215,00	icz	us navy sigonella, i	959	ale-usb snd	-209	
13.215,00	jdg	us navy diego garcia, dga	1035	ale-usb snd	-209	
13.215,00	jnr	us navy salinas ab roosvelt roads, ptr	1700	ale-usb snd	-109	
13.215,00	lajes	us air force lajes, azr	1809	usb	-509	clg/wkg ascension radio cecks
13.215,00	pla	us scope command stn lajes, azr	1232	ale-usb snd	-409	
13.215,00	uke301	raf e3d sentry aew1 zh101 waddington	1240	ale-usb snd	-409	
13.229,00	---	unid military	1650	nato 75//850	-209	encrypted/chipher
13.238,00	70	senegal navy rss steadfast, sng	1704	ale-usb snd	-409	clg "cn3"
13.242,00	adwnpr	us air force andrews afb camp springs, usa	1625	ale-usb snd	-209	1638 clg "dl0005dat"
13.242,00	dl004dat	us air force aircraft	1617	ale-usb snd	-209	
13.242,00	dl005dat	us air force aircraft	1639	ale-usb snd	-209	send short msgs to "adwnpr"
13.242,00	offnpr	us air force offut afb omaha,ne, usa	1617	ale-usb snd	-209	clg "dl0004dat"
13.243,50	fdi22	french air force narbonne, f	959	rtty 50/400e/2 stopbits	-509	test de fdi22+foxes
13.259,00	---	military	634	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
13.264,00	---	shannon volmet, irl	1609	usb	-109	wx
13.270,00	---	gander radio, can	1421	usb	-109	wx
13.270,00	---	new york radio riverhead, usa	2035	usb	-409	new york volmet reciting wx, sigmets.
13.270,00	6	hat yai air, tha	1501	hfdl	-109	squitters
13.270,00	wsy70	new york volmet, usa	1343	usb	-1208	weather phili,dc,ny,newark
13.291,00	aaa	israeli air force tel aviv, isr	1336	ale-usb snd	-309	

13.291,00	tsm		unid israeli air force, isr	1545	ale-usb snd	-109	tsm and aaa-ncs
13.306,00	---		new york radio riverhead, usa	1214	usb	-309	wkg arkefly 329
13.318,50	---		diplo dpkr	1550	fsk 600/600	-409	encrypted/chipher
13.321,00		8	johannesburg/jan smuts air, afs	1607	hfdl	-109	squitters
13.321,00	5sab		unid	1614	cw	-409	tfc/gr a
13.321,10		8	arinc johannesburg afs	1845	hfdl 300/2400	-309	uplink tozs-snh
13.340,00	---		unid military	641	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
13.348,00	unid		unid	1652	usb	-509	ground station testing hf radios
13.351,00	---		praha radio, cze	1407	usb	-109	tfc cze
13.354,00	---		new york radio riverhead, usa	1405	usb	-309	
13.355,00	sse		mfa cairo, egy	646	codan 16-tones/usb	-409	encrypted/chipher
13.356,70	sse		mfa cairo, egy	650	arq 100/170/atu-80	-409	clg/wkg riyadh
13.360,50	---		unid military	1530	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
13.366,00	---		rus/cis military	632	mpsk-12/usb	-509	encrypted/chipher
13.369,00	---		unid station m12	930	cw	-109	369 1 => 262 75 => 75*5f groups
13.371,00	---		rus/cis military	735	cw	-309	tfc/gr a
13.378,50	---		mfa pyongyang, kor	1100	arq 600/600	-1208	all encrypted text
13.381,15	---		unid rus/cis military	822	81-81 81/500	-409	encrypted/chipher
13.381,70	---		egyptian diplo	1443	arq 100/170/atu-80	-109	tfc ara
13.383,00	---		unid military	1702	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry 1834 continuos tfc kry
13.386,70	---		unid egyptian diplo	645	arq 100/170/atu-80	-209	tfc ara
13.389,70	sse		mfa cairo, egy	1150	arq 100/170/atu-80	-109	clg/wkg beograd 1202 clg/wkg islamabad
13.402,00	---		unid military	1623	nato 100/500	-509	encrypted/chipher
13.404,00	---		unid rus/cis military	809	mpsk-12/usb	-209	encrypted/chipher
13.404,00	fhyn		rus/cis military	813	cw	-309	clg/wkg "slfh"
13.406,35	---		unid	1612	fec 100/170	-409	tfc kry
13.406,40	sse		embassy, egy	1624	fec ?	-509	tfc
13.411,60	---		unid military	1558	stanag-4285/1200l/5n1/usb	-109	tfc kry
13.413,70	---		unid military	1610	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
13.421,60	---		unid	1703	fsk 250/170	-309	encrypted/chipher
13.422,00	---		unid rus/cis military	647	bee 36-50 50/250	-209	tfc kry
13.423,50	xss		dhfcs forest moor, g	1646	ale-usb snd	-509	snd
13.423,70	---		egyptian amb jakarta, ins	1320	arq 100/170/atu-80	-109	wkg cairo 14981,7
13.425,00	sse		egyptian embassy cairo, egy	717	codan 16-tones/usb	-309	encrypted/chipher
13.426,70	sse		egyptian embassy cairo, egy	713	arq 100/170/atu-80	-309	clg/wkg {tvqx}
13.442,00	---		military	1701	stanag-4285/1200l/5n1/usb	-309	continuostfc kry
13.444,20	fuv		french navy djibouti, dji	1348	arq-e3/100/400 beta	-1208	idling on dji circuit to reunion
13.444,20	rfqp		french navy djibouti, dji	711	arq-e3/100/400	-509	5l grouped msg on dji circuit from rfqpme
13.444,30	fuv		frencg navy djibouti, dji ?	1404	arq-e3 100/400	-109	idling
13.444,50	5dv1		iraqi army kirkush, irq	1113	ale-usb snd	-1208	clg "atc"
13.449,00	---		unid rus/cis military	556	mpsk-12/usb	-409	encrypted/chipher
13.452,00	hbd20		mfa bern/kernenried, sui	1006	ale-usb snd	-309	encrypted/chipherprotected link simplex
13.454,50	---		cis ptt	710	cis-arq 100/2000	-409	encrypted/chipher
13.458,50	---		diplo dpkr	1609	fsk 600/600	-409	encrypted/chipher

13.469,00	---	unid rus/cis military	1605	mpsk-12/usb	-409	encrypted/chipher
13.472,00	---	unid rus/cis military	824	mpsk-12/usb	-309	encrypted/chipher
13.473,00	---	unid rus/cis military	1008	fsk 50/250	-309	encrypted/chipher
13.475,00	dl0005dat	unid	1842	ale-usb snd	-209	
13.486,90	---	danish embassy tokyo, j	759	twimplex e/not	-209	send test msg to khoebenhven {tpiv}
13.486,90	ozu25	mfa koebenhavn, dnk	759	twimplex e/not	-209	clg/wkg tokyo 0801 clg/wkg beijing
13.486,90	ozu34	danish embassy jeddah/riyadh, ars	818	twimplex e/not	-209	send test msg to khoebenhven {tpem}
13.486,90	ozu35	danish embassy beijing, chn	801	twimplex e/not	-209	send test msg to khoebenhven {tpep}
13.486,90	ozu37	danish embassy ankara, tur	822	twimplex e/not	-209	send test msg to khoebenhven {tpey}
13.490,00	---	swiss military/diplo net	1340	ale-usb snd	-309	link-protected connect with masked id
13.490,00	---	cis railways moskva	825	rtty 50/500	-109	russian fraffic
13.492,00	---	unid rus/cis military	1116	mpsk-12/usb	-109	encrypted/chipher
13.499,00	11011	marrocain dispatch centre, mrc	1027	ale-usb snd	-209	
13.499,00	11021	marrocain dispatch centre, mrc	1202	ale-usb snd	-209	
13.499,00	1103	marrocain dispatch centre, mrc	1221	ale-usb snd	-209	
13.499,00	11031	marrocain dispatch centre, mrc	839	ale-usb snd	-509	
13.499,00	11032	marrocain dispatch centre, mrc	1933	ale-usb snd	-409	
13.499,00	1104	marrocain dispatch centre, mrc	955	ale-usb snd	-509	
13.499,00	11043	marrocain dispatch centre, mrc	1131	ale-usb snd	-209	
13.499,00	1105	marrocain dispatch centre, mrc	1131	ale-usb snd	-209	
13.499,00	11062	marrocain dispatch centre, mrc	824	ale-usb snd	-509	
13.499,00	11063	marrocain dispatch centre, mrc	801	ale-usb snd	-509	
13.499,00	11111	marrocain dispatch centre, mrc	815	ale-usb snd	-509	
13.499,00	1112	marrocain dispatch centre, mrc	913	ale-usb snd	-509	
13.499,00	11132	marrocain dispatch centre, mrc	1338	ale-usb snd	-209	
13.499,00	1116	marrocain dispatch centre, mrc	1211	ale-usb snd	-209	
13.499,00	1116	protection civile marocaine, mrc	1302	ale-usb snd	-309	1116 and 11021
13.499,00	1118	marrocain dispatch centre, mrc	1116	ale-usb snd	-209	
13.499,00	130111	marrocain dispatch centre, mrc	1104	ale-usb snd	-209	
13.499,00	1302	marrocain dispatch centre, mrc	739	ale-usb snd	-509	
13.499,00	13021	marrocain dispatch centre, mrc	1147	ale-usb snd	-209	
13.499,00	1303	marrocain dispatch centre, mrc	1150	ale-usb snd	-209	
13.499,00	1304	marrocain dispatch centre, mrc	2053	ale-usb snd	-409	
13.499,00	1305	marrocain dispatch centre, mrc	1907	ale-usb snd	-409	
13.499,00	13052	marrocain dispatch centre, mrc	1305	ale-usb snd	-509	
13.499,00	1308	marrocain dispatch centre, mrc	927	ale-usb snd	-509	
13.499,00	13082	marrocain dispatch centre, mrc	1132	ale-usb snd	-509	
13.499,00	13091	marrocain dispatch centre, mrc	2034	ale-usb snd	-409	
13.499,00	1311	marrocain dispatch centre, mrc	955	ale-usb snd	-509	
13.499,00	13111	marrocain dispatch centre, mrc	904	ale-usb snd	-509	
13.499,00	13122	protection civile marocaine, mrc	1435	ale-usb snd	-1208	13122 2211 13111 and 20111 all snding
13.499,00	1313	marrocain dispatch centre, mrc	1217	ale-usb snd	-209	
13.499,00	13131	marrocain dispatch centre, mrc	1320	ale-usb snd	-509	
13.499,00	13132	marrocain dispatch centre, mrc	1005	ale-usb snd	-209	

13.499,00	13133	marrocain dispatch centre, mrc	2032	ale-usb snd	-409	
13.499,00	1314	marrocain dispatch centre, mrc	1123	ale-usb snd	-209	
13.499,00	13141	marrocain dispatch centre, mrc	1141	ale-usb snd	-209	
13.499,00	13142	marrocain dispatch centre, mrc	2053	ale-usb snd	-409	
13.499,00	1316	marrocain dispatch centre, mrc	1030	ale-usb snd	-509	
13.499,00	1317	marrocain dispatch centre, mrc	1056	ale-usb snd	-509	
13.499,00	1318	marrocain dispatch centre, mrc	1221	ale-usb snd	-209	
13.499,00	13181	marrocain dispatch centre, mrc	1319	ale-usb snd	-509	
13.499,00	13182	marrocain dispatch centre, mrc	806	ale-usb snd	-509	
13.499,00	1321	marrocain dispatch centre, mrc	1905	ale-usb snd	-409	
13.499,00	13222	marrocain dispatch centre, mrc	2015	ale-usb snd	-409	
13.499,00	13231	marrocain dispatch centre, mrc	734	ale-usb snd	-509	
13.499,00	1325	marrocain dispatch centre, mrc	1206	ale-usb snd	-209	
13.499,00	13251	marrocain dispatch centre, mrc	838	ale-usb snd	-509	
13.499,00	1326	marrocain dispatch centre, mrc	1043	ale-usb snd	-509	
13.499,00	13261	marrocain dispatch centre, mrc	816	ale-usb snd	-509	
13.499,00	13262	protection civile marocaine, mrc	1407	ale-usb snd	-1208	13262 11161 and 11011 snding
13.499,00	13263	marrocain dispatch centre, mrc	729	ale-usb snd	-509	
13.499,00	2001	marrocain dispatch centre, mrc	959	ale-usb snd	-209	clg "2513"
13.499,00	20111	protection civile marocaine, mrc	1528	ale-usb snd	-109	contacts 2213
13.499,00	2201	marrocain dispatch centre, mrc	1332	ale-usb snd	-209	
13.499,00	22011	marrocain dispatch centre, mrc	958	ale-usb snd	-209	
13.499,00	2202	marrocain dispatch centre, mrc	929	ale-usb snd	-509	
13.499,00	2203	marrocain dispatch centre, mrc	1303	ale-usb snd	-209	
13.499,00	2204	marrocain dispatch centre, mrc	903	ale-usb snd	-509	
13.499,00	22041	marrocain dispatch centre, mrc	1015	ale-usb snd	-209	
13.499,00	2205	marrocain dispatch centre, mrc	932	ale-usb snd	-209	
13.499,00	2206	marrocain dispatch centre, mrc	1059	ale-usb snd	-209	
13.499,00	2211	marrocain dispatch centre, mrc	816	ale-usb snd	-509	
13.499,00	22111	marrocain dispatch centre, mrc	752	ale-usb snd	-509	
13.499,00	2213	marrocain dispatch centre, mrc	845	ale-usb snd	-509	
13.499,00	2214	marrocain dispatch centre, mrc	928	ale-usb snd	-209	
13.499,00	22141	marrocain dispatch centre, mrc	810	ale-usb snd	-509	
13.499,00	22154	marrocain dispatch centre, mrc	1006	ale-usb snd	-209	
13.499,00	2216	marrocain dispatch centre, mrc	734	ale-usb snd	-509	
13.499,00	2217	marrocain dispatch centre, mrc	831	ale-usb snd	-509	
13.499,00	2403	marrocain dispatch centre, mrc	1140	ale-usb snd	-209	
13.499,00	2404	marrocain dispatch centre, mrc	1124	ale-usb snd	-209	
13.499,00	2405	marrocain dispatch centre, mrc	1318	ale-usb snd	-209	
13.499,00	2407	marrocain dispatch centre, mrc	1036	ale-usb snd	-209	
13.499,00	2408	marrocain dispatch centre, mrc	935	ale-usb snd	-209	clg "2001"
13.499,00	24091	marrocain dispatch centre, mrc	1020	ale-usb snd	-209	
13.499,00	2411	marrocain dispatch centre, mrc	929	ale-usb snd	-509	
13.499,00	24111	marrocain dispatch centre, mrc	1002	ale-usb snd	-209	

13.499,00	24151	marrocain dispatch centre, mrc	838	ale-usb snd	-509	
13.499,00	2416	marrocain dispatch centre, mrc	1126	ale-usb snd	-209	
13.499,00	2418	marrocain dispatch centre, mrc	1137	ale-usb snd	-209	
13.499,00	2419	marrocain dispatch centre, mrc	927	ale-usb snd	-509	
13.499,50	---	cis ptt	712	cis-arq 100/2000	-409	encrypted/chipher
13.503,60	ktr67	us-dept of state "emerg. & evac. netw."	1336	ale-usb snd	-109	
13.503,60	kvx53	us-dept of state "emerg. & evac. netw."	953	ale-usb snd	-109	clg kwx99
13.503,60	kwf22	us-dept of state "emerg. & evac. netw."	1338	ale-usb snd	-109	
13.503,60	kwp95	us-dept of state "emerg. & evac. netw."	1005	ale-usb snd	-1208	clg kwp96
13.503,60	kws94	us-dept of state "emerg. & evac. netw."	1059	ale-lsb	-209	clg kwx57
13.503,60	kwt95	us-dept of state "emerg. & evac. netw."	1048	ale-usb snd	-109	clg kwt93
13.503,60	kwx96	us-dept of state "emerg. & evac. netw."	1031	ale-usb snd	-109	clg kwx95
13.503,60	kwy91	us-dept of state "emerg. & evac. netw."	1238	ale-usb snd	-109	kwy94
13.505,00	sse	mfa cairo, egy	1713	codan 16-tones/usb	-409	send msgs to washington,dc
13.506,70	---	egyptian amb delhi, ind	817	arq 100/170/atu-80	-109	wkg cairo
13.506,70	sse	mfa cairo, egy	1710	arq 100/170/atu-80	-409	clg/wkg washington,dc
13.509,90	cfh	canadian forces halifax, can	1406	fax 120/576	-109	cdt 1500,1521,1600,1621 cdt
13.510,00	---	unid egyptian diplo	624	codan 16-tones/usb	-209	encrypted/chipher
13.510,00	cfh	canadian forces halifax, can	1650	rtty 75/850	-209	wx 1658 sched/wx
13.510,00	cfh	canadian forces halifax, can	1530	fax 120/576	-109	surface analysis
13.511,70	sse	mfa cairo, egy	653	arq 100/170/atu-80	-409	tfc ara/s-off 0904 clg khartoum
13.518,50	---	diplo dpkr	638	fsk 600/600	-409	encrypted/chipher
13.527,70	d	mx beacon, odessa	1833	cw	-409	
13.527,70	d	mx beacon, sevastopol	1630	cw	-409	
13.527,80	p	rus navy kaliningrad rus	1601	cw	-509	channel marker (0509)
13.528,00	c	russian navy moscow, rus	1623	cw	-309	channel marker
13.528,10	a	rus/cis navy beacon astrakhan ,rus	745	cw	-509	gr (a)
13.533,00	ezi2	tel aviv, isr mossad	1827	usb	-409	gr (a)
13.533,50	---	mfa pyongyang, kor	940	arq 600/600	-109	all encrypted text
13.534,00	---	russian vocoder	1058	ms-5/usb	-1208	unknown location
13.538,00	---	rus/cis military	715	cw-fsk/	-409	tfc 'bk abt k bk agn k'
13.543,70	rftjd	french forces libreville, gab	1600	arq-e3 192/380	-509	idle
13.547,00	fav22	french army mont valerien, f	636	cw	-509	gr (a)
13.552,00	fav22	french army mont valerien, f	1607	cw	-509	gr (a)
13.556,70	---	egyptian embassy kuala lumpur, mla	800	arq 100/170/atu-80	-109	wkg cairo 16046,7
13.572,50	---	unid military	1620	nato-50 50/850	-409	encrypted/chipher
13.572,60	---	unid. us or french navy?	1246	fsk 50/850	-509	enciphered. acf=0. bearing 100/280
13.576,00	71@	unid	908	ale-usb snd	-509	encrypted ale
13.579,00	---	unid	641	cw	-409	gr n)
13.582,00	503	unid	1401	cw	-109	c/s 503 followed by three t's cut 0's
13.617,20	---	unid ff	828	arq-e3/192/400	-309	idle
13.744,00	---	rus/cis military	747	mpsk-12/usb	-409	encrypted/chipher
13.816,00	---	rus/cis military	718	cis-75 75/250	-409	encrypted/chipher
13.822,00	vhsy	rus/cis military	731	cw	-309	clg/wkg "1ljp"

13.841,20	---	unid ff		1645	arq-e3/192/400	-309	idle
13.846,70	---	unid		1247	arq-e3 100/	-209	ymrffklmo, crypto-5 letters
13.846,70	rfvi	french navy le port, reu		708	arq-e3/100/400	-509	idling on run circuit to djibouti
13.851,00	fav22	french army mont valerien, f		750	cw	-509	gr (a)
13.852,00	6aww	rus/cis military net control		731	cw	-409	clg/wkg .... //13914,0
13.852,00	sflz	rus/cis military net control		716	cw	-409	clg/wkg .....
13.878,00	---	unid rus/cis military		1118	mpsk-12/usb	-109	encrypted/chipher
13.882,50	ddk8	pinnemberg meteo, d		729	fax 120/576	-109	cdt 0742,0803/16/29/41/53/0905/44/1028/49
13.886,70	fdx	rffa paris f french air force		1558	arq-e3 192/370	-509	idle
13.886,70	mod	fr		1640	arq-e3?/192	-509	
13.906,00	---	rus/cis military		744	mpsk-12/usb	-409	encrypted/chipher
13.906,00	---	unid rus/cis military		831	81-81 81/250	-109	encrypted/chipher
13.906,00	unid	rus navy, rus		844	cis-12/usb 12 tones	-509	with pilottone on 3300
13.907,00	500	us coast guard hc-130h, usa		2110	ale-usb snd	-509	
13.907,00	502	us coast guard hc-130h, usa		1708	ale-usb snd	-309	
13.907,00	707	us coast guard hc-130h, usa		1850	ale-usb snd	-309	
13.907,00	719	us coast guard hc-130h, usa		2116	ale-usb snd	-409	
13.907,00	720	us coast guard hc-130h, usa		1529	ale-usb snd	-109	clg "lnt"
13.907,00	d01	cpb bombardier q400, usa		2120	ale-usb snd	-309	
13.907,00	d31	cpb p-3b "slick", usa		1909	ale-usb snd	-409	
13.907,00	d45	cpb p-3 aew&c, usa		1438	ale-usb snd	-109	
13.907,00	d46	cpb p-3 aew&c, usa		1851	ale-usb snd	-309	
13.907,00	d95	cbp p-3a "slick, usa		1952	ale-usb snd	-509	
13.907,00	f12	us coast guard hu-25, usa us coast guard		2047	ale-usb snd	-509	
13.907,00	gt6	usa unid		2039	ale-usb snd	-509	clg "d46"
13.907,00	i54	cpb cessna 550, usa		2119	ale-usb snd	-409	
13.907,00	i55	cpb cessna 550, usa		2031	ale-usb snd	-409	
13.907,00	i94	cpb cessna 550, usa		2058	ale-usb snd	-409	
13.907,00	icb	us coast guardc forward, usa		1953	ale-usb snd	-409	
13.907,00	k10	us coast guard mh-65c, usa		2107	ale-usb snd	-409	
13.907,00	lnt	us coast guard chesapeake,va, usa		1807	ale-usb snd	-209	clg "j31"
13.907,00	ros	us coast guard cutter spencer		1650	ale-usb snd	-509	
13.907,00	tsc	choten orlando, usa		1505	ale-usb snd	-109	clg "i52"
13.908,00	---	intel/numerica		1655	usb	-509	gr(n ing slavic acc.
13.909,50	---	cis ptt		720	cis-arq 100/2000	-409	encrypted/chipher
13.910,50	---	aac barrow artc army mars		1403	usb	-509	male operator alpha alpha charlie
13.915,00	---	unid cis ptt		725	cis-arq 100/495	-409	encrypted/chipher
13.917,20	---	unid military		1547	stanag-4285/600l/5n1/usb	-109	tfc kry
13.927,00	---	us air force mars operator		2102	usb	-109	wkg "rama 13" b-1b bomber
13.927,00	afa3cu	us air force mars operator		1755	usb	-109	working "spectre 69" ac-130h
13.927,00	afa4hf	us air force mars operator, orange city		1653	usb	-209	wkg "sentry 50" e-3 awacs
13.927,00	afa5qw	greenwood		1443	usb	-309	wkg "shark 41 coronet oakmission c-130
13.927,00	afa5rs	us air force mars op los angeles, usa		1905	usb	-309	wkg "shuck 80"for phone patch to dsn
13.927,00	afa5rs	us air force mars operator, shelbyville in		2220	usb	-509	wkg "reach 8807" c-130h #78-0807

13.927,00	afa6dd	us air force mars operator	1921	usb	-409	wkg "reach 7044," over south carolina	
13.927,00	afa7hs	us air force mars operator, leawood, ks 1	1900	usb	-409	wkg "afa5rs" shelbyville in ; strong	
13.927,00	afa9ay	us air force mars operator, calif	2301	usb	-409	wkg "reach 205" c-17a #93-0604	
13.927,00	afa9pf	us air force mars operator, los angeles	1708	usb	-109	wkg "rama 56" b-1b bomber	
13.927,00	offutt	hf-gcs station offutt	2112	usb	-109	wkg reach 104 for phone patch	
13.927,00	reach 8807	c-130h #78-0807, pa-ang 911aw, pittsburgh	1535	usb	-509	off the coast of florida, for phone patch	
13.934,50	---	fapsi	815	crowd/usb	-409	tfc 'djnfcktzypqobg hpwjccjwph, e siu'	
13.940,00	vcs	globe wireless halifax, can	1436	globedata	-209	idling also on 13946 and 13983 khz	
13.940,00	vct	tor's cove radio, can	1638	pactor-gw	-209	encrypted/chipher/ch marker	
13.944,00	---	rus navy, rus	850	cis-12/usb 12 tones	-509	with pilottone on 3300	
13.945,00	stat5	tunesian police, tun	931	ale-usb snd	-409	clg "sta154" 0942 clg "sta154"	
13.946,00	vct	tor's cove radio, can	1641	pactor-gw	-209	encrypted/chipher/ch marker	
13.946,70	stat2	tunis police	911	pactor-2	-209	send msgs to "stat152"	
13.951,00	hbd20	mfa bern/kernenried, sui	656	ale-usb snd	-209	encrypted/chipher protected link simplex	
13.955,00	hbd20	mfa bern/kernenried, sui	833	ale-usb snd	-309	encrypted/chipher protected link simplex	
13.956,60	5lq	unid	1151	fec 100/170	-509	clg/wkg "hue"	
13.956,60	ad5	unid	1555	fec 100/170	-509	clg/wkg "5lq"	
13.956,60	dkc	unid	939	fec 100/170	-509	clg/wkg "5l1"	
13.956,60	gvu	unid	1135	fec 100/170	-509	clg/wkg "rue"	
13.956,60	hue	unid	1153	fec 100/170	-509	wkg "5lq"	
13.956,60	lz5	unid	1246	fec 100/170	-509	clg/wkg "wpe"	
13.956,60	m9c	unid	941	fec 100/170	-509	clg/wkg "wp3"	
13.956,60	rue	unid	1733	fec 100/170	-509	clg/wkg "t5y"	
13.956,60	t5y	unid	1733	fec 100/170	-509	wkg "rue"	
13.956,60	wp3	unid	944	fec 100/170	-509	wkg "m9c"	
13.956,60	wpe	unid	1250	fec 100/170	-509	wkg "lz5"	
13.968,00	---	unid	638	ale-usb snd	-309	encrypted/chipherprotected link simplex	
13.968,00	---	unid military	638	ale-usb snd	-309	tfc kry simplex	
13.974,40	---	unid	838	pactor-2	-309	encrypted/chipher icrc ? ? ? ?	
13.975,00	ral2	russian n	839	cw	-309	clg/wkg rbl62	
13.978,00	---	unid rus/cis military	833	rus-75 75/250	-109	encrypted/chipher	
13.978,00	rdita	itabuna b braf	1743	ale-usb snd	-409		2021
13.979,20	---	unid french forces	1455	arq-e3/192	-109	idling	
13.981,70	---	beijing, chn egyptian embassy	735	arq 100/170/atu-80	-309	wkg cairo 16146,7	
13.983,00	vct	tor's cove radio, can	1643	pactor-gw	-209	encrypted/chipher/ch marker	
13.983,00	vct	globe wireless tor's cove, can	1153	globedata	-209	idling with header byte &x5e	
13.985,00	---	russian moruz system	1209	fsk 50/500	-509	active 13985 12737 11470 9080	
13.985,10	---	air andrews afb	1341	usb	-509	mf	
13.985,10	---	air andrews afb	1341	usb	-509	woman operator with ham contacts	
13.986,70	---	egyptian embassy kuala lumpur, mla	736	arq 100/170/atu-80	-109	wkg cairo 16046,7	
13.988,50	jmh	tokyo meteo, j	825	fax 120/576	-209	cdt 0840,0920,0940,1000,1040,1100 cdt	
13.997,00	---	rus/cis military	713	mpsk-12/usb	-309	encrypted/chipher	
13.997,00	xss	dhfcs forest moor, g	1653	ale-usb snd	-409	snd 1707	

14.001,90	nik	us coast guard boston, usa	1810	fax 120/576	-209	ice conditions north atlantic
14.008,00	---	rus/cis military	714	fsk 50/250	-309	encrypted/chipher
14.008,00	---	unid, rus rus	903	bee 50/280	-409	tfc + reversals
14.014,00	---	rus/cis military	736	rus-75 75/250	-309	encrypted/chipher
14.028,00	---	rus/cis military	722	cis-75 75/250	-409	encrypted/chipher
14.028,00	---	unid, rus	907	fsk 75/280	-409	
14.044,00	---	rus/cis military	724	cis-75 75/500	-409	encrypted/chipher
14.064,00	---	unid rus/cis military	835	mpsk-12/usb	-109	encrypted/chipher
14.104,00	---	unid rus/cis military	836	81-81 81/250	-109	encrypted/chipher
14.120,00	---	unid rus/cis military	838	81-81 81/250	-109	encrypted/chipher
14.243,00	kc4aa	amundsen-scott south pole station	136	usb	-1208	wkg kc4usv- mcmurdo station, ross island
14.300,00	kc4tvo	amateur station	1640	usb	-109	announcing emergency traffic
14.345,00	---	egyptian diplo	747	codan 16-tones/usb	-209	encrypted/chipher
14.346,70	---	egyptian diplo	746	rtty 100/170/atu-80	-209	tfcara/s-off
14.354,00	---	unid	1120	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
14.355,00	---	egyptian embassy kuala lumpur, mla	1541	codan 16-tones/usb	-209	encrypted/chipher
14.356,70	---	egyptian embassy kuala lumpur, mla	1607	arq 100/170/atu-80	-209	wkg cairo
14.360,00	---	egyptian embassy kdytfsg manama, bhr	730	codan 16-tones/usb	-309	encrypted/chipher
14.360,00	---	egyptian embassy kdytfsg manama, bhr	732	arq 100/170/atu-80	-309	wkg cairo 'mn albhryn aly almrajoe'
14.366,00	---	intel	1641	rtty 202/500	-509	gr(x_)
14.367,00	bzl26	unid	801	fsk 50/500	-509	encrypted/chipher
14.369,70	---	unid military	1545	stanag-4285/600l/5n1/usb	-109	tfc kry
14.370,00	---	unid	716	pactor ?	-309	encrypted/chipher ?
14.376,00	fam7	rus/cis military	651	cw	-409	tfc/gr a
14.377,00	---	unid	1023	fsk 50/850	-309	encrypted/chipher
14.380,00	---	egyptian diplo	1538	codan 16-tones/usb	-209	encrypted/chipher
14.380,00	sse	mfa cairo, egy	1538	codan 16-tones/usb	-209	encrypted/chipher
14.381,70	sse	mfa cairo, egy	1611	arq 100/170/atu-80	-209	clg/wkg lagos
14.384,00	---	unid rus/cis military	1022	mpsk-12/usb	-309	encrypted/chipher
14.384,00	---	unid rus/cis military	559	cis-75 75/250	-409	encrypted/chipher
14.387,60	---	unid	1550	fsk 250/170	-509	encrypted/chipher
14.389,70	---	egyptian embassy islamabad, pak	1201	arq 100/170/atu-80	-109	wkg cairo 14834,7
14.392,00	---	rus/cis military	700	mpsk-12/usb	-409	encrypted/chipher
14.396,50	nnn0vuv	usn/usmc mars station	1554	usb	-509	conducting shares admin net
14.397,45	---	rus/cis military	718	bee 36-50 50/250	-309	tfc kry
14.401,50	oey51	austrian army/bmlv vienna, aut	1248	ale-usb snd	-109	contacts oey71-austrian contingent undof
14.402,00	---	unid military	1608	nato-100/100/850	-509	encrypted/chipher
14.402,00	---	unid	726	cw	-409	tfc
14.403,50	---	military	1601	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
14.403,60	---	unid nato	705	stanag-4285/600l/3300	-509	crypto
14.403,60	---	unid nato	705	stanag-4285/600l/3300	-509	crypto.ppa
14.404,00	---	unid rus/cis military	811	fsk 50/250	-209	encrypted/chipher
14.408,00	---	unid rus/cis military	613	mpsk-12/usb	-509	encrypted/chipher
14.411,00	rdl	rus/cis navy smolensk, rus	728	fsk-cw	-409	tfc

14.411,00	rdl	cis navy smolensk, rus	1546	bee 36-50 50/250	-209	tfc kry
14.411,50	---	unid military	853	stanag-4285/2400s/7n1/usb	-109	continuos tfc kry
14.412,70	---	unid, prob nato?	955	stanag-4285/usb	-109	no traffic
14.413,30	---	unid military	817	stanag-4285/2400s/7n1/usb	-409	continuos tfc kry
14.415,70	---	unid military	1553	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
14.419,50	---	fapsi	643	crowd/usb	-409	tfc 'vnwgzxydlu vcxrmwsdabhzj'
14.423,70	sse	egyptian diplo	818	arq 100/170/atu-80	-509	tfc ara
14.424,50	---	rus/cis military	958	bee 36-50 50/250	-309	tfc kry
14.426,70	---	egyptian embassy london, g	1149	arq 100/170	-109	wkg cairo
14.428,00	---	unid rus/cis military	657	cis-75 75/250	-409	encrypted/chipher
14.428,00	---	rus/cis military	748	fsk 50/250	-309	encrypted/chipher
14.430,50	---	fapsi	842	crowd/usb	-109	tfc 'rnctlhpogmv dcwox '
14.433,00	---	unid rus/cis military	601	mpsk-12/usb	-409	encrypted/chipher
14.433,00	sse	egyptian embassy cairo, egy	705	codan 16-tones/usb	-309	encrypted/chipher
14.434,70	sse	egyptian embassy cairo, egy	639	arq 100/170/atu-80	-309	clg/wkg jakarta
14.435,00	sse	mfa cairo, egy	1123	codan 16-tones/usb	-109	send msgs to alger
14.436,70	sse	mfa cairo, egy	1126	arq 100/170/atu-80	-109	clg/wkg alger
14.437,70	---	egyptian diplo	859	arq 100/170/atu-80	-109	tfc ara/s-off
14.438,50	---	diplo dpkr	604	fsk 600/600	-409	encrypted/chipher
14.444,00	sse	mfa cairo, egy	1535	codan 16-tones/usb	-209	encrypted/chipher
14.444,50	---	fapsi	1002	crowd/usb	-309	tfc 'vnwgzxydlu vcxrmwsdabhzj'
14.445,70	sse	mfa cairo, egy	1547	fec 100/170/atu-80	-209	tfc ara
14.446,35	---	unid	1545	fec 100/170	-409	tfc kry
14.450,00	sse	mfa cairo, egy	1658	codan 16-tones/usb	-409	send msgs to washington,dc
14.451,00	---	unid rus/cis military	1541	mpsk-12/usb	-309	encrypted/chipher
14.451,70	sse	mfa cairo, egy	1736	arq 100/170/atu-80	-409	clg/wkg washington,dc
14.455,00	kha946	nasa, new orleans, la	1615	usb	-509	calling nasa station kha905
14.456,00	---	rus/cis military	604	mpsk-12/usb	-509	encrypted/chipher
14.456,00	---	unid	824	rtty 50/500	-409	gr (n)mark every 50 groups
14.456,00	---	unid	827	cw	-409	tfc 'k k fb cfm k'
14.456,00	---	unid rus/cis military	738	cis-75 75/250	-409	encrypted/chipher
14.456,00	7	unid	1631	cw	-509	rpt "7"
14.456,70	sse	mfa cairo, egy	910	arq 100/170/atu-80	-109	clg/wkg alger 18334,7
14.463,00	---	egyptian diplo	719	codan 16-tones/usb	-109	encrypted/chipher
14.467,00	nav4	navmarcormars great lakes il	1522	usb	-509	male operator with ham contacts
14.467,30	ddh8	pinnemberg meteo, d	900	rtty 50/450	-109	ry+qra 0902,0948 wx ted/ing
14.469,48	---	unid cis ptt	503	cis-arq 100/2000	-509	encrypted/chipher
14.485,00	---	unid rus/cis military	657	fsk 50/500	-209	encrypted/chipher
14.485,50	xss	uk-defence hf comm service ncs forest moor, g	1329	ale-usb snd	-209	
14.489,50	---	unid cis ptt	608	cis-arq 100/2000	-509	encrypted/chipher 14849,5
14.489,70	---	egyptian embassy alger, alg	920	arq 100/170/atu-80	-109	wkg cairo 16067,7
14.500,00	---	unid rus/cis military	616	fsk 100/500	-509	encrypted/chipher
14.505,00	sse	mfa cairo, egy	731	codan 16-tones/usb	-409	encrypted/chipher
14.506,70	sse	egyptian embassy cairo, egy	1142	arq 100/170/atu-80	-309	clgn'djamena 1411 clg washington,dc

14.508,00	---	rus/cis military		1142	ms-5/dpsk/usb	-409	in traffic
14.508,00	---	rus/cis military		746	fsk 50/250	-309	encrypted/chipher
14.508,00	xss	dhfcs forest moor, g		1326	ale-usb snd	-109	
14.508,50	xss	dhfcs ncs, g		946	ale-usb snd	-509	
14.509,00	bravo40	unid		1725	usb	-509	clg/wkg "bravo47"
14.509,00	bravo47	unid		1725	usb	-509	wkg "bravo40"/tfc spa
14.510,00	---	unid		1147	stanag-4285/600l	-109	short encrypted messages
14.511,70	---	egyptian embassy madrid, e		1005	arq 100/170/atu-80	-209	wkg cairo 14621,7
14.517,00	---	unid		719	cw	-309	tfc
14.517,00	---	unid, russian intel		1032	rtty 200/200	-409	gr _ 'viywuwqqqtpppppqqeltiqrp'
14.522,00	sse	mfa cairo, egy		1608	codan 16-tones/usb	-409	send msgs to tripoli 12222,0
14.523,70	kny29	egyptian embassy washington, usa		1811	arq 100/170/atu-80	-409	clg/wkg cairo
14.523,70	sse	mfa cairo, egy		1604	fec 100/170/atu-80	-409	tfc ara
14.523,70	sse	mfa cairo, egy		1606	arq 100/170/atu-80	-409	clg/wkg tripoli 12223,7
14.527,00	fav22	french army mont valerien, f		1316	cw	-409	gr (a)
14.534,00	---	unid rus/cis military		745	cis-75 75/250	-509	encrypted/chipher
14.534,00	---	unid rus/cis military		618	mpsk-12/usb	-509	encrypted/chipher
14.540,00	---	rus/cis military		744	fsk 75/500	-309	encrypted/chipher
14.540,00	---	rus/cis military		654	cw	-309	tfc/gr a
14.550,00	---	unid military		657	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
14.550,00		maroccain army, mrc	5	1145	ale-usb snd	-209	clg "g2"
14.550,00	b5	royal moroccan army, mrc		1723	ale-usb snd	-309	clg c3
14.550,00	c2	maroccain army, mrc		948	ale-usb snd	-209	clg "a2"
14.550,00	c3	maroccain army, mrc		933	ale-usb snd	-209	clg "g301"
14.550,00	d301	royal moroccan army, mrc		1803	ale-usb snd	-309	clg c3
14.550,00	g2	royal moroccan army, mrc		1716	ale-usb snd	-309	clg c3
14.550,00	g201	maroccain army, mrc		914	ale-usb snd	-209	clg "c3"
14.550,00	g301ale3	maroccain army, mrc		1149	ale-usb snd	-209	clg "06"
14.550,00	g3a	maroccain army, mrc		903	ale-usb snd	-209	clg "g2"
14.550,00	i201	maroccain army, mrc		915	ale-usb snd	-209	clg "c3"
14.550,00	jp2	unid		1301	ale-usb snd	-209	clg "jp1"
14.550,00	ka201	royal moroccan army, mrc		1731	ale-usb snd	-309	clg c3
14.550,00	n4	royal moroccan army, mrc		1659	ale-usb snd	-309	clg c3
14.550,00	n401	royal moroccan army, mrc		1800	ale-usb snd	-309	clg c3
14.550,00	o5ale3	royal moroccan army, mrc		1741	ale-usb snd	-309	clg o7
14.550,00	p3ale3	royal moroccan army, mrc		1730	ale-usb snd	-309	clg p5
14.550,00	q2	royal moroccan army, mrc		1710	ale-usb snd	-309	clg c3
14.550,00	s3	maroccain army, mrc		1023	ale-usb snd	-209	clg "c2"
14.550,00	s301ale1	royal moroccan army, mrc		1716	ale-usb snd	-309	clgc3
14.550,00	y1	royal moroccan army, mrc		1750	ale-usb snd	-309	clg c3
14.550,00	z2	royal moroccan army, mrc		1736	ale-usb snd	-309	clg c3
14.551,50	---	fapsi		1558	crowd/usb	-409	tfc 'rnctlhpogmv dcwox'
14.555,00	---	unid egyptian diplo		659	codan 16-tones/usb	-409	encrypted/chipher
14.555,00	xld	unid dhfcs		1937	ale-usb snd	-409	clg "xss"

14.555,00	xss	dhfcs forest moor, g	1828	ale-usb snd	-409	snd 1858,1928,1959,2029,2059,2129
14.556,00	riw	moscow naval radio	1017	cw	-209	russian navy traffic
14.556,70	---	unid egyptian diplo	704	arq 100/170/atu-80	-209	tfc ara/s-off
14.556,70	---	unid egyptian diplo	701	fec 100/170/atu-80	-209	tfc ara
14.556,70	sse	mfa cairo, egy	1529	arq 100/170/atu-80	-509	clg lagos 1546 clg/wkg bmako
14.558,50	---	diplo dpkr	1559	fsk 600/600	-409	encrypted/chipher
14.566,35	---	unid	1603	fec 100/170	-509	tfc kry
14.573,00	---	unid	643	fsk 200/1000	-409	encrypted/chipher
14.575,00	---	unid	838	ale-usb ?	-209	no synch not ale ?????????????????????
14.581,00	---	russian naval	1230	revs 50/	-109	idling
14.581,50	---	unid military	1609	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
14.582,00	---	unid nato	658	stanag-4285/600l/3300	-509	crypto.ppa
14.582,00	---	unid military	606	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
14.582,00	---	unid nato	658	stanag-4285/600l/3300	-509	crypto
14.587,00	---	unid rus/cis military	810	rus-75 75/500	-209	encrypted/chipher
14.587,20	rftpa	french air force n'djamena, tcd	1753	arq-e3/192/400 beta	-209	idling
14.600,00	---	unid rus/cis military	742	mpsk-12/usb	-409	encrypted/chipher
14.609,00	---	unid	1539	usb	-309	tfc ara simplex
14.609,50	oey51	austrian army/bmlv vienna aut	1151	ale-usb snd	-409	contacts oey71-austrian contingent undof
14.609,50	oey71	austrian army golan heights, syr	912	ale-usb snd	-209	send msgs to oey51
14.616,70	sse	mfa cairo, egy	823	arq 100/170/atu-80	-109	tfc ara/s-off
14.620,00	---	unid	857	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
14.620,00	sse	mfa cairo, egy	955	codan 16-tones/usb	-209	encrypted/chipher
14.621,70	sse	mfa cairo, egy	1000	arq 100/170/atu-80	-209	tfc ara 1004 clg/wkg madrid 16019,7
14.626,70	---	mfa kairo, egy	1338	arq/codan 3016	-509	tfc on 14625,00 khz -12
14.627,40	---	unid military	1655	stanag-4285/300l/5n1/usb	-509	send kg84 msgs
14.629,70	---	mfa kairo, egy	1237	arq/b	-509	clg/tfc to xbvc vienna, qsy to 16222/16223,70
14.631,00	---	unid military	911	stanag-4285/600l/5n1/usb	-209	continuos tfc kry
14.637,00	---	rus/cis military	1059	mpsk-12/usb	-1208	encrypted/chipher
14.639,40	---	unid military	745	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
14.640,00	sse	mfa cairo, egy	721	codan 16-tones/usb	-309	encrypted/chipher
14.641,70	sse	mfa cairo, egy	721	arq 100/170/atu-80	-109	wkg roma 0734 clg/wkg roma
14.643,00	---	rus/cis military	800	mpsk-12/usb	-409	encrypted/chipher
14.643,50	---	fapsi	735	crowd/usb	-509	tfc 'djnfcktzypqobg rmlawwalmr e siu'
14.650,50	---	fapsi	647	crowd/usb	-409	tfc ' 3/ fqhlnkdcboyguias 2/uyxsqjctu +9'
14.651,70	---	mfa kairo, egy	1134	arq	-509	clg kkxu emb. harare no contact -12
14.651,70	sse	egyptian embassy cairo, egy	939	rtty 100/170/atu-80	-209	tfc ara/s-off
14.653,00	hq703n	usa-army usng readiness center, arlington	1508	ale-usb snd	-409	clg w080yn wyoming national guard
14.654,00	---	unid rus/cis military	814	mpsk-12/usb	-209	encrypted/chipher
14.654,00	---	rus/cis military	650	bee 36-50 50/200	-409	tfc kry
14.655,00	---	rus/cis military	758	bee 36-50 50/250	-309	tfc kry
14.655,50	---	fapsi	748	crowd/usb	-409	tfc 'djnfcktzypqobg rmlawwalmr e siu'
14.657,70	---	unid msf	813	pactor-3	-209	clg pacmrg /encrypted/chipher
14.664,00	---	rus/cis military	1002	bee 36-50 50/200	-309	tfc kry

14.664,00	rdl		smolensk, rus rus/cis navy	802	fsk-cw	-409	gr n)
14.666,00	sse		mfa cairo, egy	1103	codan 16-tones/usb	-1208	send msgs to accra
14.667,00	---		unid italian army	748	stanag-4285/1200s/7n1/usb	-509	tfc ita/kry duplex
14.667,00	---		ia	1122	usb	-309	italian traffic duplex
14.667,70	sse		mfa cairo, egy	1057	arq 100/170	-1208	clg/wkg accra
14.669,00	---		unid station m12	950	cw	-109	369 1 => 262 75 => 75*5f groups
14.670,00	chu		ottawa time signal, can	1530	usb	-109	time ee/ff + pips
14.672,00	---		rus/cis military	734	mpsk-12/usb	-409	encrypted/chipher
14.672,00	---		rus/cis military	1125	fsk 50/250	-309	encrypted/chipher
14.682,00	---		unid rus/cis military	851	mpsk-12/usb	-309	encrypted/chipher
14.700,00	stat5		tunesian police, tun	821	ale-usb snd	-309	clg "stat154"
14.700,00	tu2		tunesian police, tun	915	ale-usb snd	-309	clg "tud"
14.700,00	tu3		tunesian police, tun	725	ale-usb snd	-309	clg "stat154"
14.700,00	tu4		tunesian police, tun	1101	ale-usb snd	-409	clg "stat151"
14.701,00	stat3		tunesian police, tun	728	cw	-309	clg "tud"
14.701,70	stat3		tunesian police, tun	730	pactor-2	-309	send krypted mails 'default@#hfarq#stat3'
14.708,00	---		rus/cis military	734	cis-75 75/500	-309	encrypted/chipher
14.712,00	---		unid rus/cis military	616	mpsk-12/usb	-409	encrypted/chipher
14.716,00	---		unid	1538	cw	-509	vvvvv
14.722,20	---		spanish navy, e	621	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
14.723,70	fug		french navy la regine, f	1540	stanag-4285/600l/5n1/usb	-109	tfc kry
14.728,00	zsc		globe wireless capetown	1440	globedata	-209	weak
14.728,00	zsc		cape town radio, afs	1603	pactor-gw	-409	encrypted/chipher/ch marker
14.729,00	---		unid rus/cis military	803	mpsk-12/usb	-509	encrypted/chipher
14.731,00		55	unid	959	ale-usb snd	-1208	
14.741,00	---		unid intel ?	1850	usb	-409	gr (n)ing
14.747,50	---		unid	718	fsk 50/850	-109	encrypted/chipher
14.749,20	---		unid military	804	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
14.757,00		69	ship senegal navy, sng	1621	ale-usb snd	-409	clg "cn3" 1636 clg "cn3"
14.776,00	fc4fem		fema reg,40	1416	ale-usb snd	-209	
14.776,00	fc6fem		fema reg,60	1410	ale-usb snd	-209	
14.776,00	fr5fem		fema reg,50	1416	ale-usb snd	-209	
14.782,00	---		rus/cis military	652	cis-75 75/500	-409	encrypted/chipher
14.782,00	---		rus/cis military	700	mpsk-12/usb	-409	encrypted/chipher
14.783,50	---		msf	1530	pactor	-409	clg pacpost
14.783,50	msf ?		unid	1639	pactor-3	-409	encrypted/chipher
14.787,00	---		rus/cis military	805	fsk 50/200	-409	encrypted/chipher
14.787,00	---		rus/cis military	718	mpsk-12/usb	-409	encrypted/chipher
14.789,48	---		unid cis ptt	506	cis-arq 100/2000	-509	encrypted/chipher
14.792,00	---		unid	854	fsk 50/850	-309	encrypted/chipher
14.805,00	acz326		polish forces	1608	usb	-409	clg/wkg "lcr154"
14.805,00	acz326		polish forces	1607	ale-usb snd	-409	clg "lcr154"
14.805,00	lcr154		janki polpolish forces	1608	usb	-409	wkg "acz326"
14.805,00	lcr154		janki polpolish forces	1607	ale-usb snd	-409	clg "acz326"

14.811,00	---	egyptian diplo	1740	codan 16-tones/usb	-409	encrypted/chipher
14.812,70	---	egyptian diplo	1757	arq 100/170/atu-80	-409	tfc ara/s-off
14.813,40	---	unid	815	pactor-3	-209	encrypted/chipher
14.819,00	---	rus/cis military	721	mpsk-12/usb	-409	encrypted/chipher
14.824,00	---	rus/cis military	654	fsk 50/500	-409	encrypted/chipher
14.825,50	---	fapsi	737	crowd/usb	-409	tfc/gr a 'djnfcktzypqobg rmlawwalmr'
14.834,70	sse	mfa cairo, egy	1201	arq 100/170/atu-80	-109	wkg islamabad 14839,7
14.844,00	---	unid	710	fsk 50/500	-409	encrypted/chipher
14.845,00	---	unid coast station	1014	usb	-1208	english operator with time check
14.849,50	---	unid cis ptt	608	cis-arq 100/2000	-509	encrypted/chipher 14489,5
14.851,00	as4	polish forces	1617	ale-usb snd	-509	clg "ig7" [askara64]
14.851,00	ig7	polish forces	1613	ale-usb snd	-509	clg "as4" [igielit37]
14.851,00	morton25	polish forces	1636	ale-usb snd	-509	clg "askara64" [mo5]
14.851,00	watford87	polish forces	707	ale-usb snd	-509	clg "askara64"
14.862,00	---	unid rus/cis military	721	mpsk-12/usb	-109	encrypted/chipher
14.864,00	---	rus/cis military	805	fsk 50/500	-409	encrypted/chipher
14.871,00	---	unid	1632	am	-409	tone sequence 800.980, 1000,840,880,900 hz
14.872,00	---	rus/cis military	740	mpsk-12/usb	-309	encrypted/chipher
14.876,70	---	egyptian embassy islamabad, pak	1158	fec 100/170/atu-80	-109	tfc ara
14.876,70	---	egyptian embassy islamabad, pak	924	arq 100/170/atu-80	-109	wkg cairo
14.888,85	---	unid	754	fsk-cw	-309	tfc
14.889,00	---	unid	723	fsk 50/850	-109	encrypted/chipher
14.889,35	---	unid	511	fsk 50/850	-509	encrypted/chipher
14.889,70	sse	mfa cairo, egy	824	arq 100/170/atu-80	-209	tfc ara/s-off
14.894,00	---	unid rus/cis military	535	cis-75 75/250	-509	encrypted/chipher
14.896,00	---	unid rus/cis military	900	mpsk-12/usb	-109	encrypted/chipher
14.900,00	snb813	polish army	1150	ale-usb snd	-409	contacts spt424
14.900,00	spt/spt434	polish army	1101	ale-usb snd	-309	contacts snb snb831
14.901,00	---	unid	1340	stanag-4285/1200l	-309	encrypted cyp or, tur ?
14.901,00	---	unid nato	1112	stanag-4285/1200l	-409	tfc scr
14.907,00	---	unid rus/cis military	814	mpsk-12/usb	-409	encrypted/chipher
14.925,00	---	egyptian embassy addis abeba, eth	622	codan 16-tones/usb	-509	encrypted/chipher
14.926,70	---	egyptian embassy addis abeba, eth	607	fec 100/170/atu-80	-509	wkg cairo
14.926,70	---	egyptian diplo	623	arq 100/170/atu-80	-409	tfc ara/s-off
14.930,00	---	unid pxgoeaake egyptian embassy	807	codan 16-tones/usb	-409	encrypted/chipher
14.931,70	---	egyptian embassy xgoe--ke sanaa, yem	804	fec 100/170/atu-80	-509	wkg cairo 'm--n s.no---a` al-y almrajoe'
14.931,70	---	unid pxgoeaake egyptian embassy	949	arq 100/170/atu-80	-409	wkg cairo
14.956,00	---	rus/cis military	808	mpsk-12/usb	-409	encrypted/chipher
14.968,00	xss	defence hf comm. service forest moor, g	842	ale-usb snd	-409	9,120,942,101,310,430,000,000,000,000,000
14.969,50	---	unid cis ptt	613	cis-arq 100/2000	-509	encrypted/chipher
14.975,00	---	unid rus/cis military	624	mpsk-12/usb	-509	encrypted/chipher
14.977,50	oey41	austrian army	830	ale-usb snd	-309	clg oey52 1008 clg oey52
14.977,50	oey52	wien aut austrian army	834	ale-usb snd	-209	clg oey41 1334 clg oey41
14.980,00	---	unid	931	usb	-109	tfc jap simplex

14.981,00	---	unid rus/cis military	857	mpsk-12/usb	-309	encrypted/chipher
14.981,70	sse	mfa cairo, egy	1052	arq 100/170/atu-80	-109	clg/wkg jakarta 1320 clg/wkg jakarta
14.981,70	sse	mfa cairo, egy	1319	fec 100/170/atu-80	-109	tfc ara
14.982,00	---	rus/cis military	703	mpsk-12/usb	-409	encrypted/chipher
14.982,00	---	rus/cis military	656	cis-75 75/500	-409	encrypted/chipher
14.986,00	---	unid rus/cis military	615	mpsk-12/usb	-509	encrypted/chipher
14.996,00	rwm	moskva, rus time signal	739	cw	-309	cq de
15.000,00	bpm	xian ts, chn	529	usb	-509	pips/time/v-m
15.000,00	bpm	xian ts, chn	529	cw	-509	gr (a)
15.000,00	wwv	fort collins,co, usa	1603	am	-309	pips/time man voice
15.000,00	wwvh	nits kihei maui, hwa	525	am	-509	pips/time female voice
15.003,00	---	unid nato	902	stanag-4285/600l/3300	-509	crypto 24 may)(ppa
15.003,00	---	unid nato	902	stanag-4285/600l/3300	-509	crypto.ppa
15.004,60	---	unid	1652	fsk 250/170	-309	encrypted/chipher
15.016,00	---	us air force andrews afb camp springs, usa	1402	usb	-109	eam broadcast 'this is andrews out'
15.034,00	trenton	canadian forces ontario, can	1539	usb	-109	wx
15.038,70	fkn	french air force saint denis, reu	516	arq-e3/100/400	-509	idle
15.043,00	adw	us air force andrews afb camp springs, usa	1629	ale-usb snd	-109	
15.043,00	gbl	unid	1154	ale-usb snd	-1208	
15.043,00	haw	us air force wideawake, asc	1614	ale-usb snd	-109	
15.043,00	icz	us navy sigonella, i	1552	ale-usb snd	-109	
15.043,00	jdg	us navy diego garcia, dga	1559	ale-usb snd	-109	
15.043,00	jnr	us navy salinas ab roosvelt roads, ptr	1555	ale-usb snd	-109	
15.043,00	jty	yokota j us air force	805	ale-usb snd	-309	clg "gua" '[amd] hi'
15.043,00	pla	lajes, azr us air force	811	ale-usb snd	-309	
15.060,00	---	unid	1501	fsk 50/800	-409	encrypted/chipher
15.068,50	fdi22	french air force narbonne, f	628	rtty 50/400	-509	ry+testfoxes
15.088,70	---	french forces	519	arq-e3/100/400	-509	idle
15.091,00	adwspr	us air force andrews afb camp springs, usa	1655	ale-usb snd	-409	
15.091,00	hawspr	us air force wideawake, asc	1707	ale-usb snd	-109	
15.091,00	iczspr	us sipri net gateway sigonella, i	1104	ale-usb snd	-309	
15.091,00	jdgspr	us air force lajes, azr	1543	ale-usb snd	-109	
15.091,00	jdgspr	usn diegi garcia, dga	1543	ale-usb snd	-409	
15.091,00	jnrspr	us navy salinas ab roosvelt roads, ptr	1654	ale-usb snd	-109	
15.091,00	offspr	us air force offut afb omaha, usa	1614	ale-usb snd	-109	
15.091,00	plaspr	us air force sipri net gateway lajes azores	1608	ale-usb snd	-209	plaspr and iczspr-sigonella italy
15.235,00	---	radio canada international sackville, can	2154	am	-609	250kw: french
15.532,00	rmsb	ship, rus rus/cis navy	1139	cw	-309	clg/wkg riw 14556,0
15.603,50	---	unid military	820	nato 50/850	-209	encrypted/chipher
15.773,00	---	unid rus/cis military	915	mpsk-12/usb	-209	encrypted/chipher
15.778,00	---	rus/cis military	1418	bee 36-50 50/200	-109	idle
15.800,00	omega20r	uzbek forces, uzb	1610	ale-usb snd	-409	clg "omega70rs1702p"
15.800,00	omega50r	uzbek forces, uzb	1615	ale-usb snd	-409	clg "omega70rs1702p"
15.806,00	---	unid	1058	mpsk	-209	encrypted/chipherpilot tone 400 hz

15.808,00	aaa	tel aviv israeli air force, isr	1139	ale-usb snd	-209	1239
15.808,00	tsm	israeli air force, isr	1105	ale-usb snd	-209	12051305
15.813,90	---	military	1033	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
15.816,00	---	rus/cis military	705	fsk 50/499	-409	encrypted/chipher
15.816,70	sse	mfa cairo, egy	904	arq 100/170/atu-80	-109	tfc ara 1301 clg kinshasa
15.832,00	---	unid military	1533	stanag-4285/2200l/5n1/usb	-309	continuos tfc kry
15.844,00	---	unid rus/cis military	747	cis-75 75/250	-409	encrypted/chipher
15.851,20	---	unid military	530	stanag-4285/usb	-509	encrypted/chipher poor sync
15.867,00	502	us coast guard hc-130h, usa	1617	ale-usb snd	-309	
15.867,00	707	us coast guard hc-130h, usa	1848	ale-usb snd	-309	
15.867,00	719	us coast guard hc-130h, usa	1930	ale-usb snd	-309	
15.867,00	720	us coast guard hc-130h, usa	1849	ale-usb snd	-309	1917clg "tsc"
15.867,00	d45	cpb p-3 aew&c, usa	2019	ale-usb snd	-409	
15.867,00	d46	cpb p-3 aew&c, usa	1924	ale-usb snd	-409	
15.867,00	d48	cpb p-3 aew&c, usa	1618	ale-usb snd	-309	
15.867,00	d95	cpb p-3a "slick", usa	1832	ale-usb snd	-309	
15.867,00	f12	us coast guard hu-25, usa	1735	ale-usb snd	-409	
15.867,00	f33	us coast guard hu-25, usa	1848	ale-usb snd	-509	
15.867,00	icb	us coast guardc forward, usa	2019	ale-usb snd	-409	
15.867,00	j31	us coast guard mh-60j, usa	1958	ale-usb snd	-309	
15.867,00	k40	us coast guard mh-65c, usa	1909	ale-usb snd	-309	
15.867,00	lnt	chesapeake, va, usa us coast guard	1731	ale-usb snd	-309	clg"f40" 1905 clg "j03"
15.867,00	nas	us coast guardc escanaba, usa	1642	ale-usb snd	-409	
15.867,00	t9a	piper pa-42-720r cpb, usa	2102	ale-usb snd	-309	
15.870,00	---	rus/cis military	637	fsk 100/500	-409	encrypted/chipher
15.904,00	---	rus/cis military	1005	mpsk-12/usb	-309	encrypted/chipher
15.920,00	---	unid rus/cis military	859	mpsk-12/usb	-309	encrypted/chipher
15.922,00	cfh	canadian forces halifax, can	1630	rtty 75/850	-209	naws de
15.935,00	xss	dhfcs forest moor, g	1551	ale-usb snd	-409	snd 1622,1651,1656
15.940,00	---	unid rus/cis military	726	fsk 100/500	-109	encrypted/chipher
15.940,00	---	military cis	745	moroz-2 50/500 2,50stop	-209	encrypted txt
15.957,00	---	rus/cis military	1007	fsk 50/499	-309	encrypted/chipher
15.957,60	---	unid	823	fsk 250/170	-209	encrypted/chipher
15.959,00	---	unid military	1536	nato 75/850	-109	encrypted/chipher
15.969,00	---	unid station m12	1010	cw	-109	369 1 => 262 75 => 75*5f groups
15.984,00	---	unid rus/cis military	632	cw	-509	tfc/gr(a
16.002,00	---	unid rus/cis military	745	mpsk-12/usb	-409	encrypted/chipher
16.006,50	---	diplo dpkr	736	fsk 600/600	-209	encrypted/chipher
16.008,00	---	egyptian embassy jakarta, ins	728	codan 16-tones/usb	-409	wkg cairo 14980,0
16.009,70	---	egyptian embassy jakarta, ins	725	arq 100/170/atu-80	-409	wkg cairo 14981,7
16.010,00	sse	mfa cairo, egy	728	codan 16-tones/usb	-109	encrypted/chipher
16.010,50	morton25	polish forces	1636	ale-usb snd	-509	clg "askara64"
16.011,70	---	egyptian embassy kwfk accra, gha	1604	fec 100/170/atu-80	-309	tfc ara
16.011,70	---	egyptian embassy kwfk accra, gha	1657	arq 100/170/atu-80	-309	clg/wkg cairo

16.011,70	sse	mfa cairo, egy	900	fec 100/170/atu-80	-509	tfc ara
16.011,70	sse	mfa cairo, egy	1403	arq 100/170/atu-80	-109	wkg manama 'from 71,00 to al manamha'
16.016,00	sse	mfa cairo, egy	1555	codan 16-tones/usb	-409	encrypted/chipher
16.017,00	lcr154	polish forces warszawa, pol	857	ale-usb snd	-109	wkg spf219
16.017,00	lcr154	polish forces warszawa, pol	1355	usb	-109	wkg spf219
16.017,00	spf219	polish forces	857	ale-usb snd	-109	clg "lcr154"
16.017,70	sse	mfa cairo, egy	1606	arq 100/170/atu-80	-409	tfc ara/s-off
16.019,70	---	yphkg cfkydp tripoli, lby	900	unid	-109	wkg cairo
16.022,00	---	unid rus/cis military	1128	fsk 50/250	-109	encrypted/chipher
16.022,00	rko80	rus military	739	fsk 75/1000	-409	encrypted/chipher
16.022,00	rko80	rus military	741	cw	-409	clg/wkg rkb98
16.026,70	---	mfa cairo, egy	936	arq 100/170	-109	arabic text to unid embassy
16.026,70	sse	egyptian embassy cairo, egy	1204	fec 100/170/atu-80	-309	tfc ara
16.026,70	sse	egyptian embassy cairo, egy	905	arq 100/170/atu-80	-309	tfc ara
16.029,70	sse	mfa cairo, egy	824	arq 100/170/atu-80	-509	wkg sana'
16.033,50	---	diplo dpkr	737	fsk 600/600	-209	encrypted/chipher
16.035,00	9vf252	jurong kyodo, sng	1540	fax 120/576	-309	kyodo news sport
16.045,50	---	unid russian stn	1052	mfsk-32/40/1580	-109	all encrypted text
16.046,70	---	mfa kairo, egy	1200	arq	-509	tfc urgent to rome xbvp -12
16.046,70	sse	mfa cairo, egy	736	arq 100/170/atu-80	-109	clg/wkg kuala lumpur 13986,7
16.046,70	sse	mfa cairo, egy	752	fec 100/170/atu-80	-109	tfc ara 0758,0808 tfc ara
16.050,00	---	french forces	1635	stanag-4285/300l/7n1/usb	-409	ry+sg+test
16.050,00	ctf622	french navy, f	1540	stanag-4285/300l/7n1/usb	-509	ry+sg+clg "scp"
16.056,70	sse	mfa cairo, egy	1531	arq 100/170/atu-80	-109	clg/wkg alger
16.059,50	---	cis ptt	831	cis-arq 100/2000	-409	encrypted/chipher
16.060,00	sse	egyptian embassy cairo, egy	1520	codan 16-tones/usb	-309	encrypted/chipher
16.061,70	sse	egyptian embassy cairo, egy	1543	arq 100/170/atu-80	-309	clg/wkg nairobi
16.066,00	sse	mfa cairo, egy	1630	codan 16-tones/usb	-309	encrypted/chipher
16.067,70	---	mfa cairo, egy	1440	arq 100/170	-1208	calling and working algiers
16.067,70	sse	egyptian embassy cairo, egy	1152	fec 100/170/atu-80	-209	tfc ara
16.068,70	sse	mfa cairo, egy	626	arq 100/170/atu-80	-409	clg/wkg kuwit city
16.068,70	sse	mfa cairo, egy	623	fec 100/170/atu-80	-409	tfc ara
16.072,00	---	egyptian diplo	1516	codan 16-tone/usb	-409	encrypted/chipher
16.073,70	---	egyptian diplo	1515	arq 100/170/atu-80	-409	tfc ara/s-off
16.074,00	---	rus/cis military	1050	mpsk-12/usb	-1208	encrypted/chipher
16.074,40	sse	mfa cairo, egy	706	fec 100/170/atu-80	-409	tfc ara
16.074,40	sse	mfa cairo, egy	730	arq 100/170/atu-80	-409	clg/wkg asmara 'from 71 to asmera'
16.077,00	---	egyptian diplo	718	codan 16-tones/usb	-509	encrypted/chipher
16.077,70	rffa	french air force paris, f	1554	arq-e3/192/385	-509	wkg libreville 16261,7
16.078,70	---	egyptian diplo	716	arq 100/170/atu-80	-509	tfc ara/s-off
16.084,00	104	unid	945	ale-lsb	-309	clg "102" '0954,1044clg "102"
16.086,70	---	kylqk abuja, nig egyptian embassy	843	rtty 100/170/atu-80	-209	wkg cairo
16.086,70	sse	mfa cairo, egy	922	arq 100/170/atu-80	-209	clg/wkg accra
16.087,00	130	unid	922	ale-usb snd	-109	ale call, 130 calling 136

16.089,70	sse	mfa cairo, egy	931	arq 100/170/atu-80	-509	tfc ara
16.094,00	---	unid	800	ale-usb snd	-209	encrypted/chipher protected link simplex
16.107,70	---	unid	836	stanag-4285	-509	crypto.
16.107,70	---	unid military	1406	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
16.110,50	---	fapsi	800	crowd/usb	-109	tfc kry 'roctlhpogmv dcwox'
16.112,00	rje56	russian rus/cis navy	914	fsk-cw	-309	gr n)
16.112,00	rje56	russian rus/cis navy	943	bee 36-50 50/240	-309	tfc kry
16.112,70	sse	mfa cairo, egy	1006	arq 100/170/atu-80	-209	wkg islamabad 18316,7
16.116,50	oey51	wien aut austrian army	1250	ale-usb snd	-309	clg oey71
16.116,50	oey71	golan heigts syr austrian army	1132	ale-usb snd	-309	clg oey51
16.122,30	---	unid french navy	1530	fsk 50/850	-109	encrypted/chipher
16.122,30	naa	ntcs cutler me, usa	1723	fsk 50/850	-209	pseudo random bitstream
16.124,00	hbd20	mfa bern/kernenried, sui	1014	ale-usb snd	-309	encrypted/chipherprotected link simplex
16.125,00	stat11	tunesian police, tun	1000	ale-usb snd	-309	
16.125,00	stat12	unid tunesian police, tun	727	ale-usb snd	-509	clg "stat151"
16.125,00	stat13	unid tunesian police, tun	700	ale-usb snd	-509	clg "stat151"
16.125,00	stat14	unid tunesian police, tun	740	ale-usb snd	-509	clg "stat151"
16.125,00	stat5	unid tunesian police, tun	954	ale-usb snd	-509	clg "stat154"
16.126,70	stat12	unid tunesian police, tun	728	pactor-2	-509	send krypted mails 'default@#hfarq#stat12'
16.126,70	stat151	unid tunesian police, tun	740	pactor-2	-509	send krypted mails 'default@#hfarq#stat151'
16.129,70	sse	mfa cairo, egy	929	arq 100/170/atu-80	-109	tfc ara 16056,7
16.130,00	sse	mfa cairo, egy	912	codan 16-tones/usb	-209	encrypted/chipher
16.131,70	sse	mfa cairo, egy	928	arq 100/170/atu-80	-109	tfc ara
16.132,00	---	rus/cis military	1612	mpsk-12/usb	-509	encrypted/chipher
16.133,00	---	kosovo yug suif	1041	ale-usb snd	-209	simplex
16.133,00	---	unid swiss joint military/diplo net	1339	ale-usb snd	-1208	link-protected id "27859x"
16.135,00	kvm70	honolulu meteo, hwa	540	fax 120/576	-509	cdt _
16.141,70	sse	mfa cairo, egy	923	arq 100/170	-409	tfc ara
16.144,00	---	russian intel moskva, rus	917	rtty 200/500	-309	gr x)
16.146,70	sse	mfa cairo, egy	815	arq 100/170/atu-80	-109	clg {oovd}
16.146,70	sse	mfa cairo, egy	733	fec 100/170/atu-80	-309	tfc ara
16.150,50	---	fapsi	914	crowd/usb	-409	gr (a) '11177 30044 17406 13368 99159 '
16.152,50	---	diplo dpkr	819	fsk 600/600	-109	encrypted/chipher
16.153,50	---	fapsi	1602	crowd/usb	-309	tfc 'rxjzm itqvb"jhsmxv lget'
16.153,50	---	unid russian station	1114	mfsk-32/40/1580	-109	all encrypted text
16.155,00	sse	egyptian embassy cairo, egy	947	codan 16-tones/usb	-309	encrypted/chipher
16.155,70	---	egyptian embassy jakarta, ins	703	arq 100/170/atu-80	-409	wkg cairo 14981,7
16.156,70	sse	egyptian embassy cairo, egy	952	arq 100/170/atu-80	-309	tfcara
16.158,00	---	unid cis ptt	1753	cis-arq 100/1000	-409	encrypted/chipher
16.160,00	---	unid military	1133	stanag-4285/1200l/5n1/usb	-109	continuos tfc kry
16.161,70	sse	mfa cairo, egy	921	arq 100/170/atu-80	-309	clg/wkg luanda
16.164,60	---	unid	1421	usb/ham-drm/mode-b/64qam/long.int	-409	// 03844.65,00 khz // 04492.15 khz usb
16.166,50	---	unid russian station	1041	mfsk-32/40/1580	-109	all encrypted text
16.166,50	---	fapsi	835	crowd/usb	-309	gr (a) '11177'

16.168,50	---	casablanca unid	1613	ale-usb snd	-509	send msgs to "hokie"
16.168,50	---	unid pegasus	1556	ale-usb snd	-509	clg "cirta" '[amd[dial4'
16.168,50	---	casablanca unid	1524	ale-usb snd	-509	clg "princeton" '[amd[dial4'
16.168,50	---	fapsi	831	crowd/usb	-109	gr n)
16.168,50	---	armada unid	1633	ale-usb snd	-509	snd 1641 clg "pegasus" '[amd] dial4'
16.168,50	---	unid pegasus	1604	ale-usb snd	-509	send msgs to "falcon"
16.168,50	---	armada unid	1641	ale-usb snd	-509	send msgs to "pegasus"
16.168,50	cirta	unid	1554	ale-usb snd	-509	clg "pegasus" '[amd[dial4'
16.168,50	falcon	unid	1604	ale-usb snd	-509	clg "pegasus" '[amd[dial4'
16.168,50	frankie	unid	1016	ale-usb snd	-509	to falcon. amd dial 4.
16.168,50	franky	unid	1619	ale-usb snd	-509	send msgs to "casablanca"
16.168,50	hokie	unid	1613	ale-usb snd	-509	clg "casblanca" '[amd[dial4'
16.168,50	princeton	unid	1653	ale-usb snd	-509	send msgs to "pegasus"
16.168,50	seadragor	unid	1652	ale-usb snd	-509	clg "pegasus" '[amd[dial4'
16.169,00	---	egyptian diplo	1450	codan 16-tones/usb	-409	encrypted/chipher
16.170,00	sse	mfa cairo, egy	932	codan 16-tones/usb	-209	encrypted/chipher
16.171,70	sse	mfa cairo, egy	922	arq 100/170/atu-80	-209	tfc ara
16.183,00	---	alger, alg [...]	926	usb	-209	clg/wkg "2922"
16.183,00	2922	unid, alg	926	usb	-209	wkg alger
16.188,00	---	unid military	1355	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
16.188,00	sse	mfa cairo, egy	739	codan 16-tones/usb	-509	encrypted/chipher
16.189,70	sse	mfa cairo, egy	737	arq 100/170/atu-80	-509	clg/wkg {kkxd}
16.197,50	---	fapsi	756	crowd/usb	-409	tfc 'rnctlhpogmv dcwox'
16.200,00	rrr24	russian navy near moscow, rus	1223	bee 36-50 50/250	-209	idling or crypto traffic
16.207,00	---	rus/cis military	743	bee 36-50 50/250	-309	tfc kry
16.209,90	ozu25	koebenhavn, dnk mfa	1158	twimplex e/not	-209	clg/wkg teheran
16.209,90	ozu35	danish embassy teheran, alg	1159	twimplex e/not	-209	send test msgs to khoebenhavn
16.210,00	mgy	unid	950	ale-usb snd	-109	calling st g, unidentified location
16.215,00	---	islamabad pak egyptian embassy	1630	codan 16-tones/usb	-409	encrypted/chipher
16.216,70	---	egyptian embassy kinshasa, cod	903	arq 100/170/atu-80	-209	wkg cairo 18216,7
16.216,70	---	egyptian embassy islamabad, pak	920	arq 100/170/atu-80	-209	wkg cairo
16.216,70	sse	mfa cairo, egy	808	arq 100/170/atu-80	-509	clg/wkg islamabad
16.222,00	sse	mfa cairo, egy	1358	codan 16-tones/usb	-409	encrypted/chipher
16.223,70	---	mfa kairo, egy	1242	arq	-509	qsy from 14629,70 clg xbvc no contact -12
16.223,70	---	unid egyptian embassy	807	arq 100/170/atu-80	-409	clg/wkg cairo
16.223,70	---	mfa kairo, egy	1450	arq	-409	tfc atu80 to unid emb. yks yks at 1455
16.223,70	sse	mfa cairo, egy	917	arq 100/170/atu-80	-409	clg/wkg kampala
16.233,50	---	diplo dpkr	923	fsk 600/600	-309	encrypted/chipher
16.234,00	---	rus/cis military	1709	bee 36-50 50/250	-309	idle
16.234,70	sse	mfa cairo, egy	1136	arq 100/170/atu-80	-109	clg/wkg lagos 1232 clg/wkg lagos
16.235,00	sse	mfa cairo, egy	1633	codan 16-tones/usb	-309	encrypted/chipher
16.236,70	sse	mfa cairo, egy	822	arq 100/170/atu-80	-109	tfc ara
16.240,00	---	unid rus/cis military	826	rus-75 75/500	-209	encrypted/chipher
16.240,00	---	unid rus/cis military	806	mpsk-12/usb	-509	encrypted/chipher

16.240,00	1101	marrocain dispatch centre, mrc	1823	ale-usb snd	-509
16.240,00	11031	marrocain dispatch centre, mrc	1042	ale-usb snd	-209
16.240,00	11032	marrocain dispatch centre, mrc	839	ale-usb snd	-109
16.240,00	11062	marrocain dispatch centre, mrc	1027	ale-usb snd	-209
16.240,00	11064	marrocain dispatch centre, mrc	959	ale-usb snd	-209
16.240,00	11111	marrocain dispatch centre, mrc	1022	ale-usb snd	-209
16.240,00	11121	marrocain dispatch centre, mrc	1604	ale-usb snd	-509
16.240,00	1113	marrocain dispatch centre, mrc	1745	ale-usb snd	-509
16.240,00	1114	marrocain dispatch centre, mrc	1616	ale-usb snd	-509
16.240,00	1118	marrocain dispatch centre, mrc	1515	ale-usb snd	-509
16.240,00	1304	marrocain dispatch centre, mrc	1153	ale-usb snd	-509
16.240,00	13052	marrocain dispatch centre, mrc	1908	ale-usb snd	-509
16.240,00	13061	marrocain dispatch centre, mrc	1530	ale-usb snd	-509
16.240,00	1307	marrocain dispatch centre, mrc	1627	ale-usb snd	-509
16.240,00	1308	marrocain dispatch centre, mrc	1522	ale-usb snd	-509
16.240,00	13091	marrocain dispatch centre, mrc	1834	ale-usb snd	-509
16.240,00	1311	marrocain dispatch centre, mrc	1550	ale-usb snd	-509
16.240,00	1312	marrocain dispatch centre, mrc	1100	ale-usb snd	-509
16.240,00	13131	marrocain dispatch centre, mrc	1922	ale-usb snd	-509
16.240,00	13132	marrocain dispatch centre, mrc	1005	ale-usb snd	-209
16.240,00	13133	marrocain dispatch centre, mrc	1835	ale-usb snd	-509
16.240,00	13141	marrocain dispatch centre, mrc	1541	ale-usb snd	-509
16.240,00	1317	marrocain dispatch centre, mrc	1654	ale-usb snd	-509
16.240,00	13181	marrocain dispatch centre, mrc	1922	ale-usb snd	-509
16.240,00	13182	marrocain dispatch centre, mrc	1008	ale-usb snd	-209
16.240,00	1319	marrocain dispatch centre, mrc	1538	ale-usb snd	-509
16.240,00	13191	marrocain dispatch centre, mrc	1031	ale-usb snd	-509
16.240,00	1322	marrocain dispatch centre, mrc	1021	ale-usb snd	-509
16.240,00	1325	marrocain dispatch centre, mrc	1601	ale-usb snd	-509
16.240,00	13263	marrocain dispatch centre, mrc	1536	ale-usb snd	-309
16.240,00	2001	marrocain dispatch centre, mrc	1005	ale-usb snd	-209 clg "2403"
16.240,00	20111	marrocain dispatch centre, mrc	1458	ale-usb snd	-309 clg "2411"
16.240,00	2201	marrocain dispatch centre, mrc	1027	ale-usb snd	-309
16.240,00	2204	marrocain dispatch centre, mrc	1220	ale-usb snd	-309
16.240,00	2205	marrocain dispatch centre, mrc	921	ale-usb snd	-109
16.240,00	2211	marrocain dispatch centre, mrc	821	ale-usb snd	-109
16.240,00	2214	marrocain dispatch centre, mrc	1915	ale-usb snd	-509
16.240,00	2215	marrocain dispatch centre, mrc	856	ale-usb snd	-209
16.240,00	22154	marrocain dispatch centre, mrc	1005	ale-usb snd	-209
16.240,00	2216	marrocain dispatch centre, mrc	1055	ale-usb snd	-209
16.240,00	2401	marrocain dispatch centre, mrc	1003	ale-usb snd	-209
16.240,00	2405	marrocain dispatch centre, mrc	1043	ale-usb snd	-209
16.240,00	2407	marrocain dispatch centre, mrc	1035	ale-usb snd	-209
16.240,00	2408	marrocain dispatch centre, mrc	1130	ale-usb snd	-209

16.240,00		24091	marrocain dispatch centre, mrc	1119	ale-usb snd	-309	
16.240,00		2411	marrocain dispatch centre, mrc	1540	ale-usb snd	-309	
16.240,00		2414	marrocain dispatch centre, mrc	1229	ale-usb snd	-309	
16.240,00		2415	marrocain dispatch centre, mrc	1032	ale-usb snd	-209	
16.240,00		2416	marrocain dispatch centre, mrc	1158	ale-usb snd	-309	
16.240,00		2417	marrocain dispatch centre, mrc	1135	ale-usb snd	-309	
16.240,00		2418	marrocain dispatch centre, mrc	1512	ale-usb snd	-509	
16.240,00		2419	marrocain dispatch centre, mrc	1106	ale-usb snd	-209	
16.240,00		2514	marrocain dispatch centre, mrc	1334	ale-usb snd	-209	
16.240,00		2519	marrocain dispatch centre, mrc	1358	ale-usb snd	-209	
16.240,00	riw		rus/cis navy moskva, rus	720	cw	-509	clg/wkg rjh52
16.241,70	sse		mfa cairo, egy	830	arq 100/170/atu-80	-109	tfc ara 1029 clg/wkg praha 10223,7
16.243,50	---		diplo dpkr	608	fsk 600/600	-509	encrypted/chipher
16.245,00	sse		egyptian embassy cairo, egy	1251	codan 16-tones/usb	-309	encrypted/chipher
16.246,70	sse		egyptian embassy cairo, egy	1201	arq 100/170/atu-80	-309	tfcara
16.255,00	---		egyptian diplo	1641	codan 16-tones/usb	-209	encrypted/chipher
16.261,70	rftjd		french forces libreville, gab	1602	arq-e3/192/400	-509	tfc fra =ace= 'fm centrans libreville'
16.261,70	rftjd		french forces libreville, gab	1549	arq-m2 192/400	-509	idle on both c#
16.264,50	---		unid usn	542	nato-75 75/850	-509	encrypted/chipher
16.264,50	npg		usn stockton ca usa	1345	stanag-4481/75/850	-509	crypto
16.272,50	---		fapsi	941	crowd/usb	-309	tfc 'vnwgzxydluvcxrmwsdabhzj'
16.274,70	---		egyptian embassy kylq----k abuja, nig	1619	arq 100/170/atu-80	-409	wkg cairo 'mn abwj----a aly
16.276,00	---		unid	815	am	-409	tone seq. 860/820/900/840/1000/880 hz
16.277,20	---		bruxelles bel mfs	1220	pactor	-309	clg pacmnm
16.277,30	7rq20		mfa algiers	1040	coquelet-8 13,33	-109	messages in english, arabic and 5 letter
16.278,70	7rq20		mfa alger, alg	810	coquelet-8 26.6	-509	tfc fra
16.283,00	sse		mfa cairo, egy	1550	codan 16-tones/usb	-309	encrypted/chipher
16.283,60	kwp95		us-dept of state "emerg. & evac. netw."	1009	ale-usb snd	-1208	clg kwp99
16.283,60	kwp97		us-dept of state "emerg. & evac. netw."	1001	ale-usb snd	-1208	clg kwp95
16.284,90	ozu25		danish emassy koebenhavn, dnk	1003	twimplex e/not	-209	clg/wkg jeddah 1037 clg/wkg teheran
16.284,90	ozu33		danish embassy tel aviv, isr	1201	twimplex e/not	-209	send test msg to khoebenhavn {tpoq}
16.284,90	ozu34		danish embassy jeddah/riyad, ars	1004	twimplex e/not	-209	send test msg to khoebenhven {tpem}
16.284,90	ozu78		danish embassy teheran, irn	1038	twimplex e/not	-209	send test msg to khoebenhavn {tpoq}
16.285,00	stat12		unid tunesian police, tun	830	ale-usb snd	-509	clg "stat151" 0839 clg "tud"
16.286,70	stat12		unid tunesian police, tun	833	pactor-2	-509	send krypted mails 'default@#hfarq#stat12'
16.298,70	---		egyptian embassy jlpwl moskva, rus	1003	arq 100/170/atu-80	-109	clg/wkg cairo 14445,7
16.301,70	---		military	1714	stanag-4285/600l/5n1/usb	-409	send short krypto msgs
16.310,00	3zb202		unid polish military, pol	1211	ale-usb snd	-109	clg lcr154
16.313,50	---		diplo dpkr	1233	fsk 600/600	-309	encrypted/chipher
16.316,00	---		unid rus/cis military	1140	bee 36-50 50/500	-109	tfc kry
16.318,00	sse		mfa cairo, egy	836	codan 16-tones/usb	-109	encrypted/chipher
16.318,50	---		diplo dpkr	824	fsk 600/600	-509	encrypted/chipher
16.318,70	---		mfa cairo, egy	1107	arq 100/170	-109	sending 5 letter grps to unid embassy
16.318,70	sse		mfa cairo, egy	801	arq 100/170/atu-80	-409	clg/wkg abdjan 0807 clg/wkg abdjan 12222,7

16.318,70	sse	mfa cairo, egy	804	fec 100/170/atu-80	-409	tfc ara 12222,7
16.319,70	sse	mfa cairo, egy	834	arq 100/170/atu-80	-109	clg/wkg dar es salaam
16.322,00	---	unid bulgarian embassy	1155	mfsk-8 tone/240.18/	-109	also using 75 baud ascii
16.323,50	---	diplo dpkr	1630	fsk 600/600	-309	encrypted/chipher
16.327,00	---	unid	759	fsk 200/1000	-409	encrypted/chipher
16.331,70	d	russian navy sevastopol, ukr	1011	cw	-409	channel marker
16.331,80	p	cis navy beacon kaliningrad, rus	939	cw	-209	gr (a)
16.332,00	c	mx beacon moscow	1145	cw	-409	no others audible
16.332,10	a	rus/cis navy beacon astarkhan, rus	744	cw	-509	gr (a)
16.333,00	sse	mfa cairo, egy	1155	codan 16-tones/usb	-109	encrypted/chipher
16.334,70	sse	mfa cairo, egy	1152	arq 100/170/atu-80	-109	tfc ara
16.338,50	hq703n	usa usng readiness center, arlington, usa	1532	ale-usb snd	-409	clg c090an national guard, california
16.338,50	n090vn	us national guard	1558	ale-usb snd	-409	clg hq703n national guard
16.338,50	o050hn	us national guard	1452	ale-usb snd	-409	clg hq703n national guard
16.338,70	7rq20	mfa algiers, alg	900	alcatel 801h/16.7/800	-509	no decode
16.340,00	sse	mfa cairo, egy	741	codan 16-tones/usb	-409	encrypted/chipher
16.341,70	sse	mfa cairo, egy	749	arq 100/170/atu-80	-409	tfc ara
16.342,50	---	fapsi	901	crowd/usb	-309	tfc 'djnfcktzypqobg rmlawwalmr, e siu'
16.344,00	---	unid italian forces	917	stanag-4285/1200s/7n1/usb	-209	tfc ita
16.344,00	---	unid italian forces	920	usb	-209	italian traffic duplex
16.353,50	---	unid military	917	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
16.391,40	---	unid	1510	pactor-?	-409	encrypted/chipher ?
16.401,45	---	unid	1637	fsk 100/600	-309	encrypted/chipher
16.416,60	---	unid military	745	stanag-4285/600l/5n1/usb	-409	seng kg84 msgs
16.418,50	---	diplo dpkr	916	fsk 600/600	-309	encrypted/chipher
16.423,50	---	diplo dpkr	531	fsk 600/600	-509	encrypted/chipher
16.433,20	---	unid military	1247	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
16.434,00	---	unid	1600	ale-usb snd	-509	encrypted/chipher protected link simplex
16.444,00	sse	mfa cairo, egy	1111	codan 16-tones/usb	-509	send msgs to kinshasa
16.445,70	sse	mfa cairo, egy	1105	fec 100/170/atu-80	-509	clg/wkg kinshasa
16.473,60	---	unid military	900	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
16.479,50	---	unid	726	fsk 250/170	-309	encrypted/chipher
16.490,00	ak1id	anp, alg	1754	ale-usb snd	-409	
16.490,00	bi1sk	biskra, alg	942	ale-usb snd	-409	clg to1ug touggourt
16.490,00	datafax	anp, alg	103	ale-usb snd	-409	clg "be1ch"
16.490,00	dj3an	anp djanet, alg	1023	ale-usb snd	-409	
16.490,00	dp1fa	unid prob djelfa, alg	947	ale-usb snd	-409	clg sp1ft
16.490,00	gm1rb	anp guelma, alg	1740	ale-usb snd	-509	
16.490,00	hm1db	unid	938	ale-usb snd	-409	clg dp1fa
16.490,00	il1il	anp illizi, alg	1625	ale-usb snd	-409	
16.490,00	me1na	unid	1017	ale-usb snd	-409	
16.490,00	me1ni	anp el-meniaa, alg	1924	ale-usb snd	-409	
16.490,00	ou1rg	algerian military ouargla, alg	1135	ale-usb snd	-409	[ber 30 sn 08]
16.490,00	sp1fm	unid, alg	934	ale-usb snd	-409	clg ak1id akid lotfi?

16.490,00	tg1rt	anp touggortou, alg	1526	ale-usb snd	-409	
16.498,50	---	dpkr diplo	1557	fsk 600/600	-509	encrypted/chipher
16.506,70	---	egyptian embassy accra, gha	910	arq 100/170/atu-80	-309	wkg cairo 16086,7
16.553,00	---	unid	921	mpsk-8	-309	encrypted/chipher
16.553,00	---	unid nato station	120	link-11/usb	-109	
16.555,00	---	japanese navy	755	8-psk 100bps/ch -/300	-209	japan navy"slotmachine" in idle mode ?
16.564,00	---	military	810	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
16.579,00	---	russian vocoder	1028	ms-5/usb	-1208	unknown location
16.603,00	---	russian military vocoder	1212	ms-5/usb	-109	unknown location
16.607,00	gwpwdv	ship brazillian navy, b	1603	ale-usb snd	-309	clg "gwpwz33" 1619,1627,1642,1650
16.611,00	---	unid rus/cis military	1559	mpsk-12/usb	-509	encrypted/chipher
16.688,50	---	unid ship	1513	arq	-409	arq-a clg qvxy
16.691,00	xfcv	unid-maritime mobile service	1122	arq	-109	ch 16 selcal xfcv
16.691,50	xyfv	unid-maritime mobile service	1120	arq	-109	ch 17 selcal xyfv
16.696,00	---	russian military vocoder	1218	ms-5/usb	-109	unknown location
16.748,20	---	unid military	1603	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
16.806,50	nmf	us coast guard cape cod, usa	1630	fec 100/170	-309	av/wx
16.808,00	---	russian naval	1229	revs 50/	-109	idling
16.808,00	---	unid, rus	931	rev 50/191	-409	
16.812,50	nrv	us coast guard apra harbur, gum	751	arq 100/170	-309	chmarker/cw id
16.820,00	iar	roma radio, i	750	arq 100/170	-309	channel marker/cwid
16.824,50	---	unid radio ?	753	pactor-gw	-309	encrypted/chipher/channel marker ? ? ?
16.827,50	vjs	perth radio, aus	748	pactor-gw	-309	encrypted/chipher/channel marker
16.830,50	svo6	olrad athinai radio, grc	600	fec 100/170	-509	nxs gre
16.854,00	xsg	shanghai radio, chn	957	arq-cw	-409	marker
16.858,50	---	diplo dpkr	1600	fsk 600/600	-309	encrypted/chipher
16.876,60	xsq	guanghzou radio, chn	1001	arq-cw	-409	marker
16.886,00	tah	istanbul radio, tur	826	arq 100/170	-309	chmarker/cw id
16.892,00	xsg	shanghai radio, chn	930	cw	-209	ident with callsign //16898,50
16.895,00	zsc	cape town radio, afs	1638	pactor-gw	-309	encrypted/chipher/channel marker
16.898,50	xsg	shanghai radio, chn	1010	arq-cw	-409	marker
16.904,90	fuv	french navy djibouti, dji	1529	stanag-4285/300l/5n2/usb	-409	ry+sg+test+foxes
16.910,00	hlj	seoul radio	1	cw	-109	"cq x3 de hlj x3 qsx 16 mhz k"
16.910,00	hlj	pup'yong radio, kor	805	cw	-309	cq de
16.912,00	rdl	rus/cis navy smolensk, rus	1648	bee 36-50/50/190	-509	tfc kry
16.913,50	heb27	global link network bern, sui	1630	pactor-2	-309	channel marker/cw id 'cq cq de heb'
16.915,00	rfvie	french navy le port, reu	554	stanag-4285/300l/5n1/usb	-509	ry+s+test
16.926,00	lfi	rogaland radio, nor	807	pactor-gw	-309	encrypted/chipher/channel marker
16.939,00	9hd	la valletta radio, mlt	829	pactor-gw	-309	encrypted/chipher/channel marker
16.947,60	8po	bridgetownradio, brb	809	pactor-gw	-309	encrypted/chipher/channel marker
16.947,60	9mg	penang radio, mla	1024	pactor-gw	-409	gw-marker 99
16.951,50	6ww	rftje french navy dakar, sen	1645	stanag-4285/300l/5n1/usb	-309	continuos tfc kry
16.957,80	fuj	french navy noumea, ncl	831	stanag-4285/usb/300l/5n1	-309	ry+sg+test+foxes
16.966,00	---	french navy	833	fsk 50/850	-309	encrypted/chipher

16.971,00	jjc	tokyo radio, j		810	fax 60/288	-309	jap txt 1000,1022 jap txt
16.978,60	dhj59	german navy wilhelmshaven/sengwarden, d		1540	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
16.986,00	ctp	portuguese navy palhais/oieras, por		1857	rtty 75/850	-609	"naws de ctp qsx 4 mhz"
16.990,00	hlo	pup'yong radio, kor		819	cw	-309	cq de
17.020,00	udk2	murmansk radio, rus		1015	rtty 50/250	-209	with a list of murmansk oblast deputies
17.024,00	---	unid rus/cis military		811	mpsk-12/usb	-309	encrypted/chipher
17.041,50	heb37	global link network berna, sui		1547	pactor-3	-409	encrypted/chipher/ch marker
17.051,25	---	unid rus/cis navy		1500	bee 36-50 20/250	-209	tfc kry
17.060,60	---	unid military		1533	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
17.063,40	---	unid military		1840	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
17.066,50	a9m	hamala radio, bhr		813	pactor-gw	-309	encrypted/chipher/chmarker
17.069,50	jjc	tokyo radio, j		1540	fax 60/288	-409	jap txt 1628 jap txt
17.085,00	utw	mariupol radio		1026	rtty 50/170	-209	
17.106,60	---	military		1642	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
17.121,00	eba	spanish navy madrid, e		1551	stanag-4285/1200l/5n1/usb	-409	continuos tfc kry
17.124,50	---	unid rus/cis rus/cis navy		1446	bee 36-50 20/250	-209	tfc kry
17.130,00	hlw	pup'yong radio, kor		815	cw	-309	cq de
17.146,30	nmg	us coast guard new orleans, usa		1450	fax 120/576	-209	txt
17.180,00	fug17/rffm	french navy la regine, f		1555	stanag-4285/300l/5n1/usb	-409	ry+sg+test+foxes
17.198,00	sab	goeteborg radio, s		817	pactor-gw	-309	encrypted/chipher/channel marker
17.205,00	vie	darwin radio, aus		1037	pactor-gw	-409	gw-marker c9
17.207,50	heb37	global link network berna, sui		1800	pactor-2	-309	tl
17.217,10	---	unid military		1559	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
17.220,00	vie	darwin radio, aus		1040	pactor-gw	-409	gw-marker c9
17.225,50	9mg	penang radio, mla		1403	pactor-gw	-409	gw-marker 99
17.234,50	vcs	halifax radio, can		1451	pactor-gw	-209	encrypted/chipher/channel marker
17.237,50	vct	tors cove radio, can		1449	pactor-gw	-209	encrypted/chipher/channel marker
17.291,40	xsq	guangzhou radio, chn		1222	pactor-gw	-409	gw-marker 75
17.293,00	a9m	bahrain radio, bhr		1034	gw-dataplex 100/200	-509	channel free marker hex header 5f.
17.384,40	cpk	santa cruz radio, bol		1538	pactor-gw	-409	encrypted/chipher/ch marker
17.400,00	---	unid military		728	stanag-4285/1200l/5n1/usb	-309	continuos tfc kry
17.402,40	cpk	santa cruz radio, bol		1052	pactor-gw	-409	g w-marker 3d
17.402,40	vct	tors cove radio, can		1453	pactor-gw	-209	encrypted/chipher/channel marker
17.408,00	heb	bern radio, sui		1013	arq/pactor/cw	-209	
17.408,40	hec	bern radio, sui		1540	pactor-gw	-509	encrypted/chipher/ch marker
17.421,00	---	unid military		904	stanag-4285/1200l/5n1/usb	-509	continuos tfc kry
17.423,00	sse	mfa cairo, egy		811	codan 16-tones/usb	-409	encrypted/chipher
17.424,70	sse	mfa cairo, egy		802	arq 100/170/atu-80	-409	tfc ara
17.426,70	sse	mfa cairo, egy		623	fec 100/170/atu-80	-509	tfc ara
17.430,00	9vf209	jurong kyodo, sng		815	fax 60/288	-409	kyodo news 1515 kyodo news
17.435,00	---	enigma v02a		1730	usb/rdft	-309	v02a in progress
17.435,00	1101	marrocain dispatch centre, mrc		1013	ale-usb snd	-509	
17.435,00	1103	marrocain dispatch centre, mrc		856	ale-usb snd	-509	
17.435,00	1304	marrocain dispatch centre, mrc		1202	ale-usb snd	-509	

17.435,00		2001	marrocain dispatch centre, mrc	930	ale-usb snd	-509	clg "2201"
17.435,00		20111	moroccain police, mrc	1711	ale-usb snd	-209	calling 2215
17.444,50	---		fapsi	731	crowd/usb	-309	tfc
17.447,00	---		rus/cis military	1039	cis-75 75/500	-409	encrypted/chipher
17.455,00	sse		mfa cairo, egy	1355	codan 16-tones/usb	-409	encrypted/chipher
17.456,70	sse		mfa cairo, egy	1524	arq 100/170/atu-80	-409	tfc ara
17.460,00	rdl		cisn smolensk, rus	1848	bee 36-50/50/245	-509	tfc kry
17.466,50	---		fapsi	839	crowd/usb	-509	tfc 'vnwgzxydlu vcxrmwsdabhzj'
17.468,00	riw		cis navy moskva, rus	930	cw	-109	clg/wkg rgv82
17.473,00	sse		mfa cairo, egy	800	codan 16-tones/usb	-509	encrypted/chipher
17.474,70	sse		mfa cairo, egy	1752	arq 100/170/atu-80	-509	clg/wkg conakry
17.477,00	---		russian intel	1041	rtty 200/500	-409	gr n)_ '6931168834500000+++++202=8561'
17.480,00	---		rus/cis navy smolensk, rus	1050	bee 36-50 50/244	-409	tfc kry
17.496,50	---		fapsi	753	crowd/usb	-409	gr (n)
17.535,00	fav22		french army mont valerien, f	1558	cw	-509	gr (a)
17.545,00	---		tdf montisery drm	1718	drm	-309	snr 26db rssi -85dbm s6 to s7 95% decode
17.605,00	---		radio nederland wereld omroep bonaire, ant	2209	am	-609	250kw: dutch
17.680,00	---		cvc santiago, chl	2206	am	-609	100k: spanish
17.697,00		3	arinc reykjavik, isl	1002	hdfl	-209	traffic
17.725,00	---		family station inc. okeechobee, can	2204	am	-609	100kw:
17.735,00	---		radio canada international sackville, can	2154	am	-609	250kw: french
17.770,00	---		cvc juelich, d	1937	am	-609	100kw: english
17.795,00	---		bbc world service skelton, g	1906	am	-609	300kw: english
17.845,00	---		family stations inc. okeechobee, usa	2145	am	-609	100kw: english
17.860,00	---		deutsche welle kigali, rwa	1800	am	-609	250kw: arabic
17.895,00	---		bcast. kingdom saudi arabi riyadh, ars	1347	am	-609	500kw: arabic
17.900,00	---		unid	734	fsk 75/1000	-309	encrypted/chipher
17.912,00		14	krasnoyarsk air, rus	938	hfdl	-309	squitters
17.928,00		6	hat yai air, tha	829	hfdl	-409	squitters
17.931,00	---		gulf air baharain muhurroq, bhr	1330	usb	-309	tfc ing/ara/selcall
17.967,00		15	arinc al muharraq, bhr	1012	hfdl 300/2400	-509	
17.967,00		15	muhurroq air, bhr	1104	hfdl	-209	squitters
17.971,00	---		military	939	stanag-4285/600l/5n1/usb	-309	continuos tfc kry
17.973,00	dl0004dat		us air force aircraft, usa	1434	ale-usb snd	-109	
17.976,00	adwspr		us air force andrews afb camp springs, usa	1706	ale-usb snd	-309	
17.976,00	guaspr		us air andersen afb force barrigada, gum	907	ale-usb snd	-309	
17.976,00	hawspr		us air force wideawake, asc	915	ale-usb snd	-309	
17.976,00	jdgspr		us navy diego garcia, dga	907	ale-usb snd	-309	
17.976,00	jnrspr		us navy salinas ab roosvlet roads, prt	1813	ale-usb snd	-309	
17.976,00	jtyspr		us air force yokota, j	855	ale-usb snd	-309	
17.976,00	plaspr		us air force lajes, azr	908	ale-usb snd	-309	
18.003,00	adw		us air force andrews afb camp springs, usa	1546	ale-usb snd	-109	
18.003,00	cro		us air force croughton	1150	ale-usb snd	-1208	
18.003,00	dl0005dat		us air force aircraft, usa	1552	ale-usb snd	-109	

18.003,00	haw	us air force ascension	1335	ale-usb snd	-1208	
18.003,00	jnr	us navy salinas ab roosevelt roads, ptr	1510	ale-usb snd	-109	
18.003,00	offut	us air force offut afb omaha, usa	1712	usb	-409	wkg "salinas" radio cecks
18.003,00	pla	us scope command stn lajes, azr	1248	ale-usb snd	-1208	
18.003,00	salinas	usn salinas ab roosvlet roads, ptr	1712	usb	-409	clg/wkg "offut" radio cecks
18.003,00	uke305	royal air force aicraft, g	1427	ale-usb snd	-109	
18.005,00	---	unid	1121	usb	-309	tfc afr ? ? simplex
18.006,50	---	diplo dpkr	845	fsk 600/600	-409	encrypted/chipher
18.010,50	fdi22	french air force narbonne, f	1605	rtty 50/400	-509	ry+test+foxes
18.012,00	circus vert	french air force villacoublay, f	642	usb	-509	tfc fra
18.028,00	99906	mfa cairo, egy	1200	usb/codan 16x75bd	-1208	clg 33310 flwd by arqrq/+1,7khz
18.032,00	---	italian forces	840	stanag-4285/1200l/7n1/usb	-409	tfc ita/gr
18.032,00	---	italian forces	832	usb	-409	italian traffic duplex
18.033,00	99902	mfa cairo, egy	1108	usb/codan 16x75bd	-1208	clg 2220 flwd by clg in arqrq/+1,7khz
18.034,70	---	mfa cairo, egy	935	arq 100/170	-109	calling egyptian embassy madrid in arabic
18.034,70	---	egyptian embassy bamako, mli	850	arq 100/170	-409	clg/wkg cairo
18.036,70	---	egyptian embassy delhi, ind	720	arq 100/170/atu-80	-409	wkg cairo
18.042,00	---	unid military	832	stanag-4285/1200l/5n1/usb	-209	continuos tfc kry
18.042,00	---	msf bruxelles, bel	658	pactor-3	-209	clg/wkg "pacmzg"
18.042,00	pacmbbb	msf	955	pactor-3	-409	send msgs to bruxelles
18.042,00	pacmcib	msf	700	pactor-3	-409	send msgs to bruxelles
18.042,00	pacmckb	msf	825	pactor-3	-409	send msgs to bruxelles
18.042,00	pacmsjb	msf	1600	pactor-3	-509	send msgs to bruxelles
18.042,00	pacmtnb	msf bassikonou, mtn	835	pactor-3	-409	send msgs to bruxelles
18.043,00	---	unid	1000	stanag-4285	-209	
18.048,50	---	diplo dpkr	806	fsk 600/600	-409	encrypted/chipher
18.052,30	naimb1	icrc nairobi, ken	1550	pactor-3	-409	chipher
18.058,20	---	unid military	1547	stanag-4285/600l/5n1/usb	-509	continuos tfc kry
18.060,00	vmw	wiluna meteo, aus	940	fax 120/576	-309	cdt
18.065,00	---	icrc geneva, sui	959	pactor-2/3	-209	
18.066,70	---	unid icrc station	1035	pactor-1 100/200	-1208	calling gvamb1 icrc mailbox geneva, sui
18.066,70	1lua	icrc luanda, agl	1405	pactor	-409	clg {gvamb1} switch pactor-3
18.066,70	gvamb1	icrc geneva, sui	1210	pactor-3	-409	encrypted/chipher mailbox
18.066,70	naimb1	icrc nairobi, ken	1320	pactor-3	-409	encrypted/chipher mailbox
18.072,00	---	russian vocoder	1020	ms-5/at3400/usb	-109	
18.107,00	---	unid rus/cis military	936	bee 36-50 50/250	-309	tfc kry
18.136,00	---	rus/cis military	736	rus-75 75/500	-309	encrypted/chipher
18.179,50	---	fapsi	738	crowd/usb	-309	tfc 'jhsmxv lget'
18.181,50	---	mfa algiers, alg	1600	coquelet-8 13,33 usb/cf1892	-109	tfc to emb, luanda
18.182,00	---	mfa algiers, alg	940	coquelet-8 26,66	-309	tfc to conakry,accra, dakar, ndjamena
18.183,50	---	unid, rus	1135	crowd-36/usb	-109	short tfc
18.186,70	---	egyptian embassy pyongyang, kre	647	fec 100/170/atu-80	-509	wkg cairo 17426,7
18.194,00	55	unid 055 net	1228	ale-usb snd	-109	

18.194,00		55	unid	1138	ale-usb snd	-109	
18.215,00	---		mfa kairo, egy	750	codan 3012/usb	-309	tfc after arq-a on 18216,7 16 tones
18.216,70	sse		mfa cairo, egy	943	arq 100/170/atu-80	-209	tfc ara
18.216,70	sse		egyptian embassy cairo, egy	1529	fec 100/170/atu-80	-209	tfc ara
18.224,00	---		unid	758	f1b 75/160	-309	sort of revs but mark/space abt one third
18.224,00	---		unid rus/cis military	1010	bee 36-50 50/200	-209	tfc kry
18.230,00	aa4		unid israeli air force ?	805	ale-usb snd	-309	modem tfc before
18.238,50	---		fapsi	921	crowd/usb	-309	tfc 'vnwgzxydlu vcxrmwsdabhzo'
18.241,70	sse		mfa cairo, egy	843	arq 100/170/atu-80	-209	clg bamako
18.260,00	---		unid cis ptt	1059	cis-arq 100/1000	-209	encrypted/chipher
18.261,00	gya		royal navy london, g	845	fax 120/	-309	very strong signal,windspeed in somalia
18.273,00	---		unid rus/cis military	1056	mpsk-12/usb	-409	encrypted/chipher
18.273,50	fav22		french army mont valerien, f	1557	cw	-509	gr (a)
18.280,00	---		unid rus/cis military	1142	mpsk-12/usb	-109	encrypted/chipher
18.281,00	---		unid	751	ale-usb snd	-309	encrypted/chipherprotected link simplex
18.315,00	---		egyptian embassy islamabad, pak	822	codan 16-tones/usb	-409	wkg cairo
18.315,00	xss		defence hf comm service forest moor, g	1014	ale-usb snd	-209		1117
18.316,70	---		egyptian embassy islamabad, pak	950	arq 100/170	-209	wkg cairo
18.316,70	---		egyptian embassy islamabad, pak	1004	fec 100/170/atu-80	-209	tfc ara
18.318,00	zsc		cape town radio, afs	908	pactor-gw	-309	encrypted/chipher/channel marker
18.334,70	---		egyptian embassy alger, alg	910	arq 100/170/atu-80	-109	tfc ara 14456,7
18.336,00		55	unid 055 net	905	ale-usb snd	-109	
18.337,00	---		mfa kairo, egy	906	codan 3012/usb	-309	16 tones spaced around110 hz
18.365,00	fub		french navy paris, f	1413	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
18.370,00	---		unid military	910	nato 75/850	-509	encrypted/chipher
18.376,00	---		cis ptt	738	rus-75 75/500	-309	encrypted/chipher
18.377,00	sse		mfa cairo, egy	1049	codan 16-tones/usb	-409	encrypted/chipher
18.390,00	---		unid	837	ale-usb snd	-409	encrypted/chipher protected link simplex
18.403,00	xss		uk military	954	ale-usb snd	-109	working yo5-unid, same station
18.403,50	xgx		unid dhfcs	721	ale-usb snd	-509	clg "xss"
18.403,50	xss		dhfcs forest moor, g	645	ale-usb snd	-509	snd 0727,0757,0828,0858,0928,1029
18.418,70	---		unid pq~rl egyptian embassy	1427	arq 100/170/atu-80	-409	clg/wkg cairo
18.436,70	sse		mfa cairo, egy	1502	arq 100/170/atu-80	-409	tfc ara
18.479,50	---		unid cis ptt	737	cis-arq 100/2000	-109	encrypted/chipher
18.493,50	fuv		french navy djibouti, dji	928	stanag-4285/600l/5n1/usb	-109	continuos tfc kry
18.528,00	---		mfa algiers	948	coquelet-13	-109	centre frequency 1375 hz
18.529,40	---		algerian embassy sanaa, yem	923	coquelet-8 fec 26.6	-409	wkg alger 'vci off sanaa nr 342
18.529,40	7rv20		algerian embassy moskva, rus	2003	coquelet-8 26.6	-509	wkg alger 'vci off moscou nr 488
18.529,40	7rw70		algerian embassy kuwait city, kwt	1021	coquelet-8 26,60	-409	wkg alger 'vci off koweit nr 280
18.529,40	7rx60		algerian embassy khartoum, sdn	807	coquelet-8 26,6	-409	wkg alger
18.529,40	7rz50		algerian embassy abu dhabi, uae	920	coquelet-8 26,60	-509	wkg alger 'vci off abu dhabi nr 370
18.560,00	bmf		taipeh meteo, tai	913	fax 120/	-309	chinese letters, noweather chart
18.591,00	9hd		la valletta radio, mlt	1613	pactor-gw	-509	encrypted/chipher/ch marker
18.594,00		500	us coast guard hc-130h, usa	2110	ale-usb snd	-509	

18.594,00	69	ship senegal navy, sng	853	ale-usb snd	-209	clg "cn3"
18.594,00	720	hc-130h, usa us coast guard	1550	ale-usb snd	-509	
18.594,00	d01	bombardier q400, usa cbp	1854	ale-usb snd	-509	
18.594,00	d45	p-3 aew&c, usa cbp	1737	ale-usb snd	-509	
18.594,00	d46	p-3 aew&c, usa cbp	1735	ale-usb snd	-509	
18.594,00	d48	cpb p-3 aew&c, usa	1506	ale-usb snd	-309	
18.594,00	d95	p-3a "slick, usa cbp	1852	ale-usb snd	-509	
18.594,00	f12	hu-25, usa us coast guard	2131	ale-usb snd	-509	
18.594,00	f33	us coast guard hu-25, usa	1456	ale-usb snd	-309	
18.594,00	f41	us coast guard hu-25, usa	1456	ale-usb snd	-309	
18.594,00	i52	cpb cessna 550, usa	1529	ale-usb snd	-309	
18.594,00	j24	us coast guardmh-60j, usa	1405	ale-usb snd	-309	
18.594,00	j29	us coast guardmh-60j, usa	1403	ale-usb snd	-309	
18.594,00	lnt	us coast guard chesapeake, usa	1419	ale-usb snd	-309	clg "j24"
18.594,00	nas	us coast guardc escanaba, usa	1441	ale-usb snd	-409	
18.594,00	t85	cpb piper pa-42-720r, usa	1414	ale-usb snd	-309	
18.594,00	wst	cbp western regional comms	1950	ale-usb snd	-209	calling omaha 76
18.598,40	---	unid military	810	stanag-4285/600l/5n1/usb	-409	continuos tfc kry
18.624,00	---	unid rus/cis military	646	mpsk-12/usb	-509	encrypted/chipher
18.664,70	---	egyptian embassy gmqkjsgk n'djamena, tcd	1510	arq 100/170/atu-80	-409	tfc ara
18.765,00	1101	marrocain dispatch centre, mrc	819	ale-usb snd	-509	
18.765,00	11011	marrocain dispatch centre, mrc	918	ale-usb snd	-509	
18.765,00	11021	marrocain dispatch centre, mrc	1601	ale-usb snd	-109	
18.765,00	11031	marrocain dispatch centre, mrc	1441	ale-usb snd	-509	
18.765,00	1104	marrocain dispatch centre, mrc	1117	ale-usb snd	-509	
18.765,00	11043	marrocain dispatch centre, mrc	1530	ale-usb snd	-109	
18.765,00	1106	marrocain dispatch centre, mrc	1127	ale-usb snd	-509	
18.765,00	11062	marrocain dispatch centre, mrc	825	ale-usb snd	-509	
18.765,00	11063	marrocain dispatch centre, mrc	811	ale-usb snd	-509	
18.765,00	11064	marrocain dispatch centre, mrc	1857	ale-usb snd	-509	
18.765,00	11111	marrocain dispatch centre, mrc	1420	ale-usb snd	-109	
18.765,00	1112	marrocain dispatch centre, mrc	1508	ale-usb snd	-509	
18.765,00	11121	marrocain dispatch centre, mrc	1604	ale-usb snd	-509	
18.765,00	1113	marrocain dispatch centre, mrc	746	ale-usb snd	-509	
18.765,00	1114	marrocain dispatch centre, mrc	1618	ale-usb snd	-509	
18.765,00	1115	marrocain dispatch centre, mrc	1541	ale-usb snd	-509	
18.765,00	1116	marrocain dispatch centre, mrc	1627	ale-usb snd	-509	
18.765,00	11162	marrocain dispatch centre, mrc	1927	ale-usb snd	-509	
18.765,00	1118	marrocain dispatch centre, mrc	1517	ale-usb snd	-509	
18.765,00	1301	marrocain dispatch centre, mrc	1521	ale-usb snd	-509	
18.765,00	13011	marrocain dispatch centre, mrc	1037	ale-usb snd	-509	
18.765,00	130111	marrocain dispatch centre, mrc	1000	ale-usb snd	-509	
18.765,00	13012	marrocain dispatch centre, mrc	1353	ale-usb snd	-509	
18.765,00	1302	marrocain dispatch centre, mrc	841	ale-usb snd	-509	

18.765,00	13021	marrocain dispatch centre, mrc	1545	ale-usb snd	-509	
18.765,00	1305	marrocain dispatch centre, mrc	1601	ale-usb snd	-109	
18.765,00	13051	marrocain dispatch centre, mrc	823	ale-usb snd	-509	
18.765,00	13052	marrocain dispatch centre, mrc	1208	ale-usb snd	-309	
18.765,00	1306	marrocain dispatch centre, mrc	1039	ale-usb snd	-509	
18.765,00	13061	marrocain dispatch centre, mrc	1529	ale-usb snd	-509	
18.765,00	1307	marrocain dispatch centre, mrc	1624	ale-usb snd	-509	
18.765,00	1308	marrocain dispatch centre, mrc	1523	ale-usb snd	-509	
18.765,00	13082	marrocain dispatch centre, mrc	1122	ale-usb snd	-309	
18.765,00	13091	marrocain dispatch centre, mrc	834	ale-usb snd	-509	
18.765,00	1311	marrocain dispatch centre, mrc	1550	ale-usb snd	-509	
18.765,00	13111	marrocain dispatch centre, mrc	1503	ale-usb snd	-509	
18.765,00	1312	marrocain dispatch centre, mrc	1100	ale-usb snd	-509	
18.765,00	13122	marrocain dispatch centre, mrc	1234	ale-usb snd	-309	
18.765,00	1313	marrocain dispatch centre, mrc	1137	ale-usb snd	-509	
18.765,00	13131	marrocain dispatch centre, mrc	923	ale-usb snd	-509	
18.765,00	13132	marrocain dispatch centre, mrc	859	ale-usb snd	-509	
18.765,00	13133	marrocain dispatch centre, mrc	835	ale-usb snd	-509	
18.765,00	1314	marrocain dispatch centre, mrc	921	ale-usb snd	-509	
18.765,00	13141	marrocain dispatch centre, mrc	1543	ale-usb snd	-109	
18.765,00	131411	marrocain dispatch centre, mrc	1501	ale-usb snd	-509	
18.765,00	13142	marrocain dispatch centre, mrc	1854	ale-usb snd	-509	
18.765,00	1315	marrocain dispatch centre, mrc	1341	ale-usb snd	-509	
18.765,00	13151	marrocain dispatch centre, mrc	1046	ale-usb snd	-509	
18.765,00	1316	marrocain dispatch centre, mrc	1623	ale-usb snd	-509	
18.765,00	1317	marrocain dispatch centre, mrc	1049	ale-usb snd	-509	
18.765,00	1318	marrocain dispatch centre, mrc	1036	ale-usb snd	-509	
18.765,00	13181	marrocain dispatch centre, mrc	1922	ale-usb snd	-509	
18.765,00	13182	marrocain dispatch centre, mrc	807	ale-usb snd	-509	
18.765,00	1319	marrocain dispatch centre, mrc	1540	ale-usb snd	-509	
18.765,00	13191	marrocain dispatch centre, mrc	1031	ale-usb snd	-509	
18.765,00	1322	marrocain dispatch centre, mrc	1022	ale-usb snd	-509	
18.765,00	1324	marrocain dispatch centre, mrc	1048	ale-usb snd	-509	
18.765,00	1325	marrocain dispatch centre, mrc	1600	ale-usb snd	-509	
18.765,00	13251	marrocain dispatch centre, mrc	840	ale-usb snd	-509	
18.765,00	1326	marrocain dispatch centre, mrc	1638	ale-usb snd	-509	
18.765,00	13261	marrocain dispatch centre, mrc	1417	ale-usb snd	-509	
18.765,00	13262	marrocain dispatch centre, mrc	1358	ale-usb snd	-509	
18.765,00	13263	marrocain moi/dir. de la prot. civile, mrc	1242	ale-usb snd	-109	
18.765,00	13263	marrocain dispatch centre, mrc	1335	ale-usb snd	-509	
18.765,00	2001	marrocain dispatch centre, mrc	1106	ale-usb snd	-509	
18.765,00	20111	marrocain dispatch centre, mrc	1436	ale-usb snd	-509	clg "2521"
18.765,00	2201	marrocain dispatch centre, mrc	1617	ale-usb snd	-509	
18.765,00	22011	marrocain dispatch centre, mrc	855	ale-usb snd	-509	

18.765,00	2202	marrocain dispatch centre, mrc	1522	ale-usb snd	-509	
18.765,00	2203	marrocain dispatch centre, mrc	943	ale-usb snd	-509	
18.765,00	2204	marrocain dispatch centre, mrc	1545	ale-usb snd	-109	
18.765,00	22041	marrocain dispatch centre, mrc	909	ale-usb snd	-509	
18.765,00	2205	marrocain dispatch centre, mrc	941	ale-usb snd	-509	
18.765,00	22054	marrocain dispatch centre, mrc	1901	ale-usb snd	-509	
18.765,00	2211	marrocain dispatch centre, mrc	1117	ale-usb snd	-509	
18.765,00	2213	marrocain dispatch centre, mrc	1443	ale-usb snd	-509	
18.765,00	2214	marrocain dispatch centre, mrc	1415	ale-usb snd	-509	
18.765,00	22141	marrocain dispatch centre, mrc	1410	ale-usb snd	-509	
18.765,00	2215	marrocain dispatch centre, mrc	1442	ale-usb snd	-509	
18.765,00	22154	marrocain dispatch centre, mrc	1359	ale-usb snd	-509	
18.765,00	2401	marrocain dispatch centre, mrc	1537	ale-usb snd	-509	
18.765,00	2405	marrocain dispatch centre, mrc	940	ale-usb snd	-509	
18.765,00	24081	marrocain dispatch centre, mrc	903	ale-usb snd	-509	
18.765,00	24091	marrocain dispatch centre, mrc	1418	ale-usb snd	-509	
18.765,00	2411	marrocain dispatch centre, mrc	1036	ale-usb snd	-509	
18.765,00	24151	marrocain dispatch centre, mrc	1443	ale-usb snd	-109	
18.765,00	2416	marrocain dispatch centre, mrc	1505	ale-usb snd	-509	
18.765,00	2417	marrocain dispatch centre, mrc	835	ale-usb snd	-509	
18.765,00	2418	marrocain dispatch centre, mrc	1514	ale-usb snd	-509	
18.765,00	24181	marrocain dispatch centre, mrc	805	ale-usb snd	-509	
18.765,00	24191	marrocain dispatch centre, mrc	1916	ale-usb snd	-509	
18.765,00	2517	marrocain dispatch centre, mrc	943	ale-usb snd	-309	clg "2526"
18.765,00	2524	marrocain dispatch centre, mrc	1714	ale-usb snd	-109	
18.846,00	---	unid egyptian diplo	957	arq 100/170	-209	
18.856,00	---	unid military	636	stanag-4285/2400l/5n1/usb	-509	continuos tfc kry
18.905,00	---	egyptian embassy	1325	codan 16-tones/usb	-309	encrypted/chipher
18.906,70	---	egyptian embassy	1319	arq 100/170	-309	tfc ara
18.980,00	7cb	indonesian navy belawan, ins	827	cw	-409	tfc ing/wx
19.021,70	---	egyptian diplo	1514	arq 100/170/atu-80	-409	tfc ara
19.026,70	---	egyptian embassy pyong yang, kre	840	fec 100/170/atu-80	-509	wkg cairo 17426,7
19.033,40	7ry20	algerian embassy accra, gha	1608	coquelet-8 26,60	-309	wkg alger
19.036,40	---	algerian embassy abidjan, cti	938	coquelet-8 26.6	-409	wkg alger 'vci off abidjan n. 273
19.036,40	---	algerian embassy kinshasa, cod	1610	coquelet-8 13,30	-309	wkg alger
19.036,40	---	algerian embassy nairobi, ken	651	coquelet-8 13,3	-509	wkg alger 'vci off nairobi nr 293
19.036,40	---	algerian embassy dar es saalam, tza	709	coquelet-8 26,6	-509	wkg alger 'vci off dar es '
19.036,40	---	algerian embassy harare, zwe	1615	coquelet-8 26.6	-509	wkg alger 'vci off harare nr 296
19.036,40	---	algerian embassy yoaund,, cme	720	coquelet-8 26,6	-509	wkg alger 'vci off yaounde nr 290
19.036,40	7rx70	algerian embassy niamey, ngr	1054	coquelet-8 26,60	-409	wkg alger 'vci joff niamey nr//139/9/3//'
19.036,40	7ry60	algerian embassy brazzaville, cog	1618	coquelet-8 13,3	-509	wkg alger
19.046,70	sse	mfa cairo, egy	1408	arq 100/170/atu-80	-409	tfc ara
19.055,00	---	egyptian diplo ?	2055	arq 100/170	-209	crypto text
19.061,00	---	unid	1506	usb/2n-arypsk/2400/3000	-509	3,20 second data burst

19.066,00	sse	egyptian embassy cairo, egy	855	codan 16-tones/usb	-209	encrypted/chipher	
19.104,00	---	unid rus/cis military	912	mpsk-12/usb	-509	encrypted/chipher	
19.190,00	lcr154	warszawa polpolish forces	916	ale-usb snd	-509	clg spf219	
19.190,00	lcr154	warszawa polpolish forces	916	usb	-509	wkg spf219	
19.190,00	spf219	polish forces	916	usb	-509	clg/wkg "lcr154"	
19.190,00	spf219	polish forces	916	ale-usb snd	-509	clg "lcr154"	
19.200,50	---	fapsi	741	crowd/usb	-109	tfc 'rnctlhpogmv dcwox'	
19.210,00	---	unid rus/cis military	1046	bee 36-50 50/250	-209	tfc kry	
19.228,80	---	unid	1134	pactor ?	-309	encrypted/chipher	
19.245,50	---	fapsi	1136	crowd/usb	-309	tfc 'rnctlhpogmv dcwox'	
19.256,00	---	unid rus/cis military	915	bee 36-50 50/195	-509	tfc kry	
19.604,00	xss	defence hf comm. service forest moor, g	1530	ale-usb snd	-409		17081738
19.606,00	aaa	israeli air force, isr	1056	ale-usb snd	-409		
19.655,00	hec	bern radio, sui	1043	pactor-gw	-209	encrypted/chipher/ch marker	
19.670,00	bq1	italian forces	751	usb	-309	italian traffic duplex	
19.670,00	ffddd	italian forces	759	stanag-4285/1200s/7n1/usb	-109	tfc ita/kry	
19.685,00	vie	darwin radio, aus	1101	pactor-gw	-309	gw-marker c9 c9 c9 c9 c9 c9 ff	
19.688,00	---	unid rus/cis military	1151	bee 36-50 50/200	-109	tfc kry	
19.692,50	zsc	cape town radio, afs	806	pactor-gw	-109	encrypted/chipher/ch marker	
19.698,50	a9m	hamala radio, bhr	1613	pactor-gw	-409	encrypted/chipher/ch marker	
19.701,50	vjs	perth radio, aus	1106	pactor-gw	-309	gw-marker f5 f5 f5 f5 f5 f5 ff	
19.706,00	lsd836	buenos aires radio ,arg	1619	pactor-gw	-309	encrypted/chipher/channel marker	
19.708,00	sab	goeteborg radio, s	1024	pactor-gw	-209	encrypted/chipher/ch marker	
19.709,00	gwpwb33	brasilian navy belem, b	1425	ale-usb snd	-509	clg "gwpwjc" 1437 clg "gwpwjc"	
19.709,00	gwpwf33	brasilian navy fortaleza, b	1909	ale-usb snd	-509	clg "gwpwbl"	
19.709,00	gwpwjc	brasilian navy ship, b	1446	ale-usb snd	-509	clg "gwpwb33"	
19.709,00	gwpwz33	brasilian navy rio de janeiro, b	1703	ale-usb snd	-509	clg "gwpwf33"	
19.709,00	pwn33	brazillian navy natal, b	1743	ale-usb snd	-409	clg "gwpwli"	
19.714,20	---	unid	1153	stanag-4285/600l/5n1/usb	-109	continuos tfc kry	
19.724,00	vie	darwin radio, aus	1109	pactor-gw	-309	gw-marker c9 c9 c9 c9 c9 c9 ff	
19.726,00	a9m	hamala radio, bhr	1025	pactor-gw	-209	encrypted/chipher/ch marker	
19.744,40	8po	bridgetown radio, brb	1608	pactor-gw	-409	encrypted/chipher/ch marker	
19.751,00	9mg	penang radio, mla	1533	pactor-gw	-409	encrypted/chipher/ch marker	
19.754,00	lsd836	buenos aires radio, arg	1614	pactor-gw	-309	encrypted/chipher/channel marker	
19.759,40	---	unid radio ?	1535	pactor-gw ?	-409	encrypted/chipher/ch marker	
19.770,00	---	unid radio, chn	932	usb	-309	tfl/tfc cin	
19.783,40	cpk	santa cruz radio, bol	1111	pactor-gw	-309	gw-marker 3d 3d 3d 3d 3d 3dff	
19.786,40	vct	tor's cove radio, can	1028	pactor-gw	-209	encrypted/chipher/ch marker	
19.795,40	---	unid radio ?	1655	pactor-gw ?	-309	encrypted/chipher/ch marker	
19.798,40	vct	tor's cove radio, can	919	pactor-gw	-509	encrypted/chipher/ch marker	
19.838,00	---	unid	640	usb	-509	tfc ara simplex	
19.936,00	---	unid rus/cis military	1021	bee 36-50 50/250	-209	tfc kry	
19.945,00	gao	gao consolato algerino, mli	1524	ale-usb snd	-209	clg "adz"	
20.047,70	d	cisn beacon odessa, ukr	921	cw	-509	gr (a)	

20.047,80	p		cisn beacon kaliningrad, rus	921	cw	-509 qr(a)
20.047,90	s		russian navy arkhangelsk, rus	1056	cw	-109 ch-mkr
20.048,00	c		cisn beacon moskva, rus	921	cw	-509 gr (a)
20.048,00	d		russian navy odessa, ukr	1057	cw	-109 ch-mkr
20.096,00	---		unid rus/cis military	1155	bee 36-50 50/200	-109 tfc kry
20.155,00	---		unid egyptian amb	938	codan 16-tones/usb	-109 encrypted/chipher
20.156,70	---		egyptian amb conakry, gui	1200	arq 100/170/atu-80	-109 wkg cairo
20.474,00	---		nicosia, cyp	1025	usb	-209 gr (n)ing
20.536,00	---		russian naval	1231	bee 36-50	-109 sat traffic
20.759,00		55	unid 055 net	1026	ale-usb snd	-109
20.810,60	kfb90		us-dept of state "emerg. & evac. netw."	1135	ale-usb snd	-409 clg kwl63
20.810,60	kwj58		us-dept of state "emerg. & evac. netw."	1054	ale-usb snd	-409
20.810,60	kwm24		us-dept of state "emerg. & evac. netw."	1351	ale-usb snd	-309
20.835,00	fav22		french army mont valerien, f	926	cw	-509 gr (a)
21.460,00	---		bcast. kingdom saudi arabi riyadh, ars	1243	am	-609 500kw: arabic
21.505,00	---		bcast. kingdom saudi arabi riyadh, ars	1320	am	-609 500kw: arabic
21.600,00	---		bcast. kingdom saudi arabi riyadh, ars	1319	am	-609 500kw: arabic
21.610,00	---		radio exterior de espana noblejas, e	1248	am	-609 250kw: spanish
21.695,00	---		libyan jamahiriya broadcasting sabrata, lby	1237	am	-609 500kw: various
21.740,00	---		bcast. kingdom saudi arabi riyadh, ars	1243	am	-609 500kw: arabic
21.949,00		8	johannesburg air, afs	955	acars	-509 squitters
22.382,00	nrv		us coast guard apra harbur, gum	932	arq 100/170	-509 ch marker/cw-id
22.387,50	svo7		athinai radio, grc	1603	arq 100/170	-309 cw id
22.413,00	---		unid rus/cis military	946	bee 36-50 20/250	-509 tfc kry
22.447,00	fuv		frnch navy djibouti, dji	1144	stanag-4285/300l/5n2/usb	-309 ry+sg+test+foxes
22.456,00	a9m		hamala radio, bhr	1710	pactor-gw	-509 encrypted/chipher/ch marker
22.461,40	8po		bridgetown radio, brb	1558	pactor-gw	-509 encrypted/chipher/ch marker
22.469,40	sab		goeteborg radio, s	1556	pactor-gw	-509 encrypted/chipher/ch marker
22.471,00	---		unid	1140	fsk 50/850	-309 encrypted/chipher
22.503,00	p5o		indonesian navy belawan, ins	1646	cw	-309 vvv de
22.534,50	sab		goeteborg radio, s	1600	pactor-gw	-509 encrypted/chipher/ch marker
22.600,00	lsd836		buenos aires radio, arg	1601	pactor-gw	-309 encrypted/chipher/channel marker
22.682,70	---		unid military	1550	stanag-4285/usb	-409 encrypted/chipher poor synch
22.847,40	cpk		santa cruz radio, bol	1610	pactor-gw	-309 encrypted/chipher/channel marker
22.910,00	---		unid	1554	fsk 50/850	-409 encrypted/chipher
23.337,00	cro		us air force croughton g	1650	ale-usb snd	-509
23.337,00	haw		us air force wideawake, asc	1147	ale-usb snd	-409 1243 clg "jnr"
23.337,00	jdg		us navy diego garcia, dga	1009	ale-usb snd	-409
23.337,00	jnr		us navy salinas ab roosvlet roads, prt	1248	ale-usb snd	-409 clg "haw"
23.337,00	pla		us air force lajes, azr	1718	ale-usb snd	-509
23.452,00	---		unid rus/cis military	935	bee 36-50 50/248	-509 idle
26.119,00	a9m		hamala radio, bhr	1605	pactor-gw	-509 encrypted/chipher/ch marker
26.135,00	---		unid cis taxi/truckers ?	1607	fm	-509 tfc rus simplex
27.870,00	haw		us air force wideawake, asc	1529	ale-usb snd	-409