

6.10.84

OPT PAG

NAM B.BIN V2R3.3 5.10.84

B. BIN

V 2

R 3. 3

Waveterm

Page 0

Wave/EVU Parameters

Display Set

0000	WAVBAS	EQU	#0000
0001	Z0001	EQU	#0001
0002	Z0002	EQU	#0002
0003	Z0003	EQU	#0003
0007	Z0007	EQU	#0007
0015	Z0015	EQU	#0015
0016	Z0016	EQU	#0016
0100	Z0100	EQU	#0100
0101	Z0101	EQU	#0101
0102	Z0102	EQU	#0102
0103	Z0103	EQU	#0103
0104	Z0104	EQU	#0104
01FF	WX1FF	EQU	#01FF
0201	Z0201	EQU	#0201
0202	Z0202	EQU	#0202
0203	Z0203	EQU	#0203
03E8	Z03E8	EQU	#03E8
0400	Z0400	EQU	#0400
0503	Z0503	EQU	#0503
0700	Z0700	EQU	#0700
072C	Z072C	EQU	#072C
0A00	Z0A00	EQU	#0A00
0A2C	Z0A2C	EQU	#0A2C
0D00	Z0D00	EQU	#0D00
0D2C	Z0D2C	EQU	#0D2C
0FA0	Z0FA0	EQU	#0FA0
1000	W1000	EQU	#1000
3410	Z3410	EQU	#3410
3FF0	Z3FF0	EQU	#3FF0
4000	TENDE	EQU	#4000
4037	Z4037	EQU	#4037
4039	Z4039	EQU	#4039
403E	Z403E	EQU	#403E
5824	Z5824	EQU	#5824
5828	Z5828	EQU	#5828
582A	Z582A	EQU	#582A
5832	Z5832	EQU	#5832
5834	Z5834	EQU	#5834
583C	Z583C	EQU	#583C
6002	Z6002	EQU	#6002
8000	Z8000	EQU	#8000
8C00	Z8C00	EQU	#8C00
C085	ZC085	EQU	#C085
E900	ZE900	EQU	#E900
E901	ZE901	EQU	#E901
E903	ZE903	EQU	#E903
E904	ZE904	EQU	#E904
E90D	ZE90D	EQU	#E90D
E90E	ZE90E	EQU	#E90E
E90F	ZE90F	EQU	#E90F
E928	ZE928	EQU	#E928


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113
114          6012 Z6012 EQU      #6012
115
116          * *****
117 6016          ORG      #6016
118          * *****
119
120 6016 6FD5          FDB      Z6FD5 clear Bild Run
121 6018 6AD3          FDB      Z6AD3
122 601A 69D0          FDB      Z69D0
123
124          6022 Z6022 EQU      #6022 Transmit (K. Br.)
125
126          * *****
127 6024          ORG      #6024
128          * *****
129
130 6024 6D16          FDB      Z6D16
131
132          6026 Z6026 EQU      #6026
133
134          * *****
135 6900          ORG      #6900
136          * *****
137
138 6900 CC 0001      Z6900 LDD      #0001
139 6903 ED C1          STD      ,U++
140 6905 FC FD12          LDD      >ZFD12
141 6908 ED C1          STD      ,U++
142 690A B6 FF          LDA      #FF
143 690C A7 C4          STA      ,U
144 690E B6 05          LDA      #05
145 6910 AD 9F 582A      JSR      [Z582A]
146 6914 B6 06          LDA      #06
147 6916 AD 9F 582A      JSR      [Z582A]
148 691A 4F          CLRA
149 691B 8E 6FE0          LDX      #Z6FE0
150 691E 7F EA3E          CLR      >UNIT
151 6921 AD 9F 5828      JSR      [Z5828] TEXAS Beule
152 6923 B6 EA6C          LDA      >EVUA
153 6928 B7 EA3E          STA      >UNIT
154 692B B6 EA67      Z692B LDA      >RECC
155 692E B1 01          CMPA      #01
156 6930 27 5B          BEQ      Z69BA
157 6932 B6 03          LDA      #03
158 6934 B7 EA67          STA      >RECC
159 6937 B6 01          LDA      #01
160 6939 B7 E903          STA      >Z6903
161 693C BD 6BBE          JSR      >Z6BBE
162 693F BD 6F          BSR      Z69B0
163 6941 CE 0000          LDU      #WAVBAS
164 6944 A6 C4      Z6944 LDA      ,U
165 6946 B1 FF          CMPA      #FF
166 6948 27 E1          BEQ      Z692B

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167	694A	FC	FD12		LDD	>ZFD12	
168	694D	10A3	42		CMPD	#02,U	
169	6950	22	29		BHI	Z697B	
170	6952	BE	E900		LDX	#ZE900	
171	6955	EC	C4	Z6955	LDD	,U	
172	6957	B1	FF		CMFA	##FF	
173	6959	27	D0		BEQ	Z692B	
174	695B	ED	B1		STD	,X++	
175	695D	33	44		LEAU	#04,U	
176	695F	A6	C4		LDA	,U	
177	6961	B1	FF		CMFA	##FF	
178	6963	27	0B		BEQ	Z696D	
179	6965	EC	42		LDD	#02,U	
180	6967	10B3	FD12		CMPD	>ZFD12	
181	696B	22	E8		BHI	Z6955	
182	696D	B6	FF	Z696D	LDA	##FF	
183	696F	A7	B4		STA	,X	
184	6971	FC	E900		LDD	>ZE900	
185	6974	BE	6FE4		LDX	#Z6FE4	
186	6977	AD	9F 582B		JSR	[Z582B]	TEXAB Sense
187	697B	AD	9F EE05	Z697B	JSR	[80FKEY]	
188	697F	B1	14		CMFA	##14	
189	6981	27	C1		BEQ	Z6944	
190	6983	B1	05		CMFA	##05	
191	6985	27	A4		BEQ	Z692B	
192	6987	7F	EA67		CLR	>RECCC	
193	698A	C6	05	Z698A	LDB	##05	
194	698C	E7	62		STB	#02,B	
195	698E	B6	B1		LDA	##B1	
196	6990	BE	6FEB		LDX	#Z6FEB	
197	6993	AD	9F 5834		JSR	[Z5834]	Sense
198	6997	7E	6B0E		JMP	>Z6B0E	
199							
200	699A	CE	0000	Z699A	LDU	#WAVBAS	
201	699D	CC	0012		LDD	##0012	
202	69A0	ED	C1		STD	,U++	
203	69A2	CC	FFFF		LDD	##FFFF	
204	69A5	ED	C1		STD	,U++	
205	69A7	B6	04		LDA	##04	
206	69A9	B7	EA67		STA	>RECCC	
207	69AC	BD	02		BSR	Z69B0	
208	69AE	20	23		BRA	Z69D3	
209							
210	69B0	B6	B1	Z69B0	LDA	##B1	
211	69B2	B7	FD11		STA	>ZFD11	
212	69B5	5F			CLRB		
213	69B6	F7	FD10		STB	>ZFD10	
214	69B7	B6	B0		LDA	##B0	
215	69B8	B7	FD11		STA	>ZFD11	
216	69BE	C6	92		LDB	##92	
217	69C0	F7	FD10		STB	>ZFD10	
218	69C3	BE	0FA0		LDX	#Z0FA0	
219	69C6	BF	FD16		STX	>ZFD16	
220	69C9	BE	FFFF		LDX	#ZFFFF	

221	69CC BF	FD12	STX	>ZFD12
222	69CF 39		RTS	
223				
224	69D0 CE	4000	Z69D0	LDU #TENDE
225	69D3 86	01	Z69D3	LDA ##01
226	69D5 B7	E903		STA >ZE903
227	69D8 BD	6BBE		JSR >Z6BBE
228	69DB CC	0A01		LDD ##0A01
229	69DE FD	EA64		STD >FUNKT
230	69E1 86	01		LDA ##01
231	69E3 BD	6B14		JSR >Z6B14
232	69E6 B6	FF	Z69E6	LDA ##FF
233	69E8 B7	FD02		STA >PIA+2
234	69EB 7C	EA6E		INC >HMERK
235	69EE AD	9F 583C		JSR [Z583C]
236	69F2 7D	EA62		TST >SENDF
237	69F5 1027	008B		LBEO Z6A84
238	69F9 7D	EA4A		TST >TSWAVE
239	69FC 1026	0084		LBNE Z6A84
240	6A00 B6	FE		LDA ##FE
241	6A02 B7	FD02		STA >PIA+2
242	6A05 B6	EA67		LDA >RECCC
243	6A08 B1	04		CMPA ##04
244	6A0A 26	0F		BNE Z6A1B
245	6A0C B1	02		CMPA ##02
246	6A0E 27	0B		BEQ Z6A1B
247	6A10 B6	02		LDA ##02
248	6A12 B7	EA67		STA >RECCC
249	6A15 BE	FFFF		LDX #ZFFFF
250	6A18 BF	FD12		STX >ZFD12
251	6A1B C6	50	Z6A1B	LDB ##50
252	6A1D 5A		Z6A1D	DECB
253	6A1E 26	FD		BNE Z6A1D
254	6A20 B6	E900		LDA >ZE900
255	6A23 B1	FF		CMPA ##FF
256	6A25 1027	0102		LBEO Z6B2B
257	6A29 11B3	3FF0		CMPL #Z3FF0
258	6A2D 24	14		BCC Z6A43
259	6A2F 10BE	FD12		LDY >ZFD12
260	6A33 BE	E900		LDX #ZE900
261	6A36 EC	B1	Z6A36	LDD ,X++
262	6A38 B1	FF		CMPA ##FF
263	6A3A 27	07		BEQ Z6A43
264	6A3C ED	C1		STD ,U++
265	6A3E 10AF	C1		STY ,U++
266	6A41 20	F3		BRA Z6A36
267				
268	6A43 B6	FF	Z6A43	LDA ##FF
269	6A45 B7	E90E		STA >ZE90E
270	6A48 7D	EA6A		TST >KEYBM
271	6A4B 26	0C		BNE Z6A59
272	6A4D BD	6FC6		JSR >Z6FC6
273	6A50 CC	0201		LDD #0201
274	6A53 AD	9F 5834		JSR [Z5834]

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275 6A57 20 2B          BRA    Z6AB4
276
277 6A59 B6 EA6A      Z6A59 LDA    >KEYBM
278 6A5C 81 04          CMPA   ##04
279 6A5E 25 00          BCS    Z6A60
280 6A60 B6 EA6C      Z6A60 LDA    >EVUA
281 6A63 B7 EA3E          STA    >UNIT
282 6A66 CC 0201      LDD     ##0201
283 6A69 7C EA6E          INC    >HMERK
284 6A6C AD 9F 5834    JSR     [Z5834]
285 6A70 7D EA4A          TST    >TSWAVE
286 6A73 26 CE          BNE    Z6A43
287 6A75 7D EA6A          TST    >KEYBM
288 6A78 27 0A          BEQ    Z6A84
289 6A7A FC E900      LDD     >ZE900
290 6A7D 8E 6FF0      LDX     #Z6FF0
291 6A80 AD 9F 5828    JSR     [Z5828]
292 6A84 B6 FF          Z6A84 LDA    ##FF
293 6A86 B7 FD02      STA    >PIA+2
294 6A89 B6 FCF4      LDA    >PIA2
295 6A8C 44           LSRA
296 6A8D 24 0E          BCC    Z6A9D
297 6A8F B6 FCF5      LDA    >ZFCF5
298 6A92 B1 AA          CMPA   ##AA
299 6A94 26 07          BNE    Z6A9D
300 6A96 B7 EA61      STA    >PHI
301 6A99 AD 9F 6012    JSR     [Z6012]
302 6A9D AD 9F EE05    Z6A9D JSR     [SOFKEY]
303 6AA1 81 14          CMPA   ##14
304 6AA3 1027 FF3F     LBEG    Z69E6
305 6AA7 F6 EA67      LDB    >RECCC
306 6AAA C1 02          CMPB   ##02
307 6AAC 1027 FE50     LBEG    Z6900
308 6AB0 B1 09          CMPA   ##09
309 6AB2 1022 FF30     LBHI    Z69E6
310 6AB6 34 40          PSHS    U
311 6AB8 34 02          PSHS    A
312 6ABA 4C           INCA
313 6ABE AD 9F 582A    JSR     [Z582A]
314 6ABF A6 E4          LDA     ,S
315 6AC1 8E 6002      LDX     #Z6002
316 6AC4 48           ASLA
317 6AC5 AD 96          JSR     [A,X]
318 6AC7 35 02          PULS    A
319 6AC9 4C           INCA
320 6ACA AD 9F 582A    JSR     [Z582A]
321 6ACE 35 40          PULS    U
322 6AD0 16 FF13      LBRA    Z69E6
323
324 6AD3 B6 EA3E      Z6AD3 LDA    >UNIT
325 6AD6 34 02          PSHS    A
326 6ADB C6 04          LDB    ##04
327 6ADA 5D          Z6ADA TSTB
328 6ADB 27 29          BEQ    Z6B06

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TeXAS Pendle

Hole Data
über ACIA und
Transmit ins Wave 2.3

329	6ADD 5A		DECB
330	6ADE 108E ECE0		LDY #ZECE0
331	6AE2 A6 A5		LDA B,Y
332	6AE4 B1 FF		CMPA ##FF
333	6AE6 27 F2		BEQ Z6ADA
334	6AE8 34 04		PSHS B
335	6AEA 58		ASLB
336	6AEB 58		ASLB
337	6AEC 58		ASLB
338	6AED 58		ASLB
339	6AEE F7 EA3E		STB >UNIT
340	6AF1 86 B0		LDA ##B0
341	6AF3 8E 6FF4		LDX #Z6FF4
342	6AF6 AD 9F 5828		JSR [Z5828]
343	6AFA 4F		CLRA
344	6AFB 8E 6FF8		LDX #Z6FF8
345	6AFE AD 9F 5828		JSR [Z5828]
346	6B02 35 04		PULS B
347	6B04 20 D4		BRA Z6ADA
348			
349	6B06 4F	Z6B06	CLRA
350	6B07 8D 0B		BSR Z6B14
351	6B09 35 02		PULS A
352	6B0B B7 EA3E		STA >UNIT
353	6B0E 86 FF	Z6B0E	LDA ##FF
354	6B10 B7 FD02		STA >PIA+2
355	6B13 39		RTS
356			
357	6B14 B7 E900	Z6B14	STA >ZE900
358	6B17 F6 ECE4		LDB >ZECE4
359	6B1A 81 FF		CMPA ##FF
360	6B1C 27 0C		BEQ Z6B2A
361	6B1E 86 40		LDA ##40
362	6B20 B7 EA3E		STA >UNIT
363	6B23 CC 0007		LDD ##0007
364	6B26 AD 9F 5834		JSR [Z5834]
365	6B2A 39	Z6B2A	RTS
366			
367	6B2B FC E901	Z6B2B	LDD >ZE901
368	6B2E 34 06		PSHS B,A
369	6B30 BE 6E90		LDX #Z6E90
370	6B33 30 04	Z6B33	LEAX #04,X
371	6B35 EC 84		LDD ,X
372	6B37 10B3 FFFF		CMPD ##FFFF
373	6B3B 27 0D		BEQ Z6B4A
374	6B3D 10A3 E4		CMPD ,B
375	6B40 26 F1		BNE Z6B33
376	6B42 AD 9B 02		JSR [#02,X]
377	6B45 35 06		PULS B,A
378	6B47 16 FF3A		LBRA Z6A84
379			
380	6B4A BD 6CB9	Z6B4A	JSR >Z6CB9
381	6B4D 35 06		PULS B,A
382	>6B4F BD 6B93		JSR >Z6B93

TEXAS

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383	6B52 16	FF2F		LBRA	Z6AB4	
384						
385	6B55 B6	E903	Z6B55	LDA	>ZE903	
386	6B58 B7	EA6A		STA	>KEYBM	
387	6B5B 4D			TSTA		
388	6B5C 27	02		BEQ	Z6B60	
389	6B5E B6	01		LDA	##01	
390	6B60 B7	E900	Z6B60	STA	>ZE900	
391	6B63 B6	EA6D		LDA	>RAM6D	
392	6B66 B7	EA3E		STA	>UNIT	
393	6B69 CC	0007		LDD	##0007	
394	6B6C 6E	9F 5B34		JMP	[Z5B34]	
395						
396	6B70 B6	E903	Z6B70	LDA	>ZE903	
397	6B73 27	0B		BEQ	Z6B7D	
398	6B75 F6	EA6D		LDB	>RAM6D	
399	6B78 C1	FF		CMFB	##FF	
400	6B7A 26	01		BNE	Z6B7D	
401	6B7C 39			RTS		
402						
403	6B7D B7	EA74	Z6B7D	STA	>EA74	
404	6B80 7D	EA6A		TST	>KEYBM	
405	6B83 27	DB		BEQ	Z6B60	
406	6B85 39			RTS		
407						
408	6B86 B6	E903	Z6B86	LDA	>ZE903	
409	6B89 B7	EA69		STA	>SPLIT	
410	6B8C 39			RTS		
411						
412	6B8D 17	00F9	Z6B8D	LBSR	Z6C89	
413	6B90 CC	0202		LDD	##0202	
414	6B93 34	02	Z6B93	PSHS	A	
415	6B95 B6	EA6C		LDA	>EVUA	
416	6B98 B7	EA3E		STA	>UNIT	
417	6B9B 35	02		PULS	A	
418	6B9D 7E	6FB7		JMP	>Z6FB7	TRANSMIT
419						
420	6BA0 B6	E903	Z6BA0	LDA	>ZE903	
421	6BA3 7F	EA3E		CLR	>UNIT	
422	6BA6 8E	6FFC		LDX	##Z6FFC	
423	6BA9 4D	9F 5B2B		JSR	[Z5B2B]	TEXAS Smoke
424	6BAD 39			RTS		
425						
426	6BAE 17	00D8	Z6BAE	LBSR	Z6C89	
427	6BB1 B6	EA6D		LDA	>RAM6D	
428	6BB4 B7	EA3E		STA	>UNIT	
429	6BB7 CC	0202		LDD	##0202	
430	6BBA BD	6E7B		JSR	>Z6E7B	
431	6BBD 39			RTS		
432						
433	6BBE F6	EA6C	Z6BBE	LDB	>EVUA	
434	6BC1 26	07		BNE	Z6BCA	
435	6BC3 F6	ECE4		LDB	>ZECE4	
436	6BC6 C1	FF		CMFB	##FF	

437	6BC8	27	1F		BEQ	Z6BE9		
438	6BCA	B6	E903	Z6BCA	LDA	>ZE903		
439	6BCD	BA	80		DRA	##80		
440	6BCF	B7	E900		STA	>ZE900		
441	6BD2	CC	0007		LDD	##0007		
442	6BD5	BD	8C		BSR	Z6B93		
443	6BD7	7D	EA6A		TST	>KEYBM		
444	6BDA	27	0D		BEQ	Z6BE9		
445	6BDC	B6	EA6D		LDA	>RAM6D		
446	6BDF	B7	EA3E		STA	>UNIT		
447	6BE2	CC	0007		LDD	##0007		
448	6BE5	6E	9F 5834		JMF	[Z5834]		
449								
450	6BE9	39		Z6BE9	RTS			
451								
452	6BEA	39		Z6BEA	RTS			
453								
454	6BED	8E	E903	Z6BED	LDX	##ZE903		
455	6BEE	10BE	E928		LDY	##ZE928		
456	6BF2	C6	0C		LDB	##0C		
457	6BF4	BD	6C98		JSR	>Z6C98	x → y	
458	6BF7	B6	E928		LDA	>ZE928	} !	
459	6BFA	B7	EA69		STA	>SPLIT		
460	6BFD	B6	E929		LDA	>ZE925		
461	6C00	B7	EA6A		STA	>KEYBM	} 4 Byte versatz + Codierung	
462	6C03	8E	E928		LDX	##ZE928		
463	6C06	10BE	E901		LDY	##ZE901		
464	>6C0A	BD	6C73		JSR	>Z6C73		
465	6C0D	7D	E92A		TST	>ZE92A		
466	6C10	2A	0E		RPL	Z6C20		
467	6C12	27	0C		BEQ	Z6C20		
468	6C14	BD	6FC6		JSR	>Z6FC6		
469	6C17	CC	0202		LDD	##0202		
470	6C1A	AD	9F 5834		JSR	[Z5834]		
471	6C1E	20	35		BRA	Z6C55		
472								
473	6C20	FC	E900	Z6C20	LDD	>ZE900		
474	6C23	8E	7000		LDX	##Z7000		
475	6C26	AD	9F 5828		JSR	[Z5828]	TEXAS Jensele	
476	6C2A	7D	EA6A		TST	>KEYBM		
477	6C2D	27	16		BEQ	Z6C45		
478	6C2F	6E	E930		LDX	##ZE930	} 4 Bytes	
479	6C32	10BE	E901		LDY	##ZE901		
480	>6C36	BD	6C73		JSR	>Z6C73		
481	6C39	B6	EA6D		LDA	>RAM6D		
482	6C3C	B7	EA3E		STA	>UNIT		
483	6C3F	CC	0202		LDD	##0202		
484	6C42	BD	6E78		JSR	>Z6E78	→ Transmitt	
485	6C45	B6	E92A	Z6C45	LDA	>ZE92A		
486	6C48	27	0B		BEQ	Z6C55		
487	6C4A	2B	09		BMI	Z6C55		
488	6C4C	8A	80		DRA	##80		
489	6C4E	BE	7004		LDX	##Z7004		
490	6C51	AD	9F 5828		JSR	[Z5828]		

491	6C55	7D	EA6A	Z6C55	TST	>KEYBM
492	6C58	27	18		BEQ	Z6C72
493	6C5A	B6	E92F		LDA	>ZE92F
494	6C5D	27	13		BEQ	Z6C72
495	6C5F	28	11		BMI	Z6C72
496	6C61	8A	80		ORA	##00
497	6C63	B7	E900		STA	>ZE900
498	6C66	B6	EA6D		LDA	>RAM6D
499	6C69	B7	EA3E		STA	>UNIT
500	6C6C	CC	0002		LDD	##0002
501	6C6F	BD	6E7B		JSR	>Z6E7B
502	6C72	39		Z6C72	RTS	
503						
504	6C73	C6	04	Z6C73	LDB	##04
505	6C75	A6	80	Z6C75	LDA	,X+
506	6C77	84	70		ANDA	##70
507	6C79	44			LSRA	
508	6C7A	44			LSRA	
509	6C7B	44			LSRA	
510	6C7C	44			LSRA	
511	6C7D	A7	A0		STA	,Y+
512	6C7F	A6	1F		LDA	-#01,X
513	6C81	84	07		ANDA	##07
514	6C83	A7	A0		STA	,Y+
515	6C85	5A			DECB	
516	6C86	26	ED		BNE	Z6C75
517	6C88	39			RTS	
518						
519	6C89	34	30	Z6C89	PSHS	Y,X
520	6C8B	10BE	E900		LDY	##ZE900
521	6C8F	8E	E903		LDX	##ZE903
522	6C92	C6	0C		LDB	##0C
523	6C94	8D	02		BSR	Z6C9B
524	6C96	35	B0		PULS	PC,Y,X
525						
526	6C98	A6	80	Z6C98	LDA	,X+
527	6C9A	A7	A0		STA	,Y+
528	6C9C	5A			DECB	
529	6C9D	26	F9		BNE	Z6C98
530	6C9F	39			RTS	
531						
532	6CA0	B6	E904	Z6CA0	LDA	>ZE904
533	6CA3	81	03		CMPA	##03
534	6CA5	26	5E		BNE	Z6D05
535	6CA7	86	40		LDA	##40
536	6CA9	B7	EA75		STA	>RAM75
537	6CAC	10BE	E900	Z6CAC	LDY	##ZE900
538	6CB0	B6	EC9F		LDA	>ZEC9F
539	6CB3	A7	A0		STA	,Y+
540	6CB5	FC	EC9D		LDD	>ZEC9D
541	6CB8	ED	A1		STD	,Y++
542	6CBA	8E	ECA0		LDX	##ZECA0
543	6CBD	C6	20		LDB	##20
544	6CBF	8D	D7		BSR	Z6C9B

0 ?

E92B

E930

↓ 4 Bytes

E907

E907

E903

E900

↓ ↓ ↓ 12 Bytes

x → y

E900

E901

520 → E904 + N

File Namen? Pascal Parameter

545	6CC1	8E	EC90		LDX	#ZC00	) + 7 Bytes Split points
546	6CC4	C6	07		LDC	#07	
547	6CC6	8D	D0		BSR	Z6E9B	
548	6CC8	B6	EA75		LDA	>RAM75	
549	6CCB	B7	EA3E		STA	>UNIT	
550	6CCE	CC	0307		LDD	#0307	
551	6CD1	AD	9F 5834		JSR	[Z5834]	
552	6CD5	BD	6EBE		JSR	>Z6EBE	
553	6CD8	4F			CLRA		
554	6CD9	34	02		PSHS	A	
555	6CDB	A6	E4	Z6CDB	LDA	,S	
556	6CDD	B7	E900		STA	>ZE900	
557	6CE0	BD	6FC6		JSR	>Z6FC6	
558	6CE3	CC	0014		LDD	#0014	
559	6CE6	BD	6FB7		JSR	>Z6FB7	→ Transmit
560	6CE9	CC	0B05		LDD	#0B05	
561	6CEC	BD	6FB7		JSR	>Z6FB7	→ "
562	6CEF	B6	EA75		LDA	>RAM75	
563	6CF2	B7	EA3E		STA	>UNIT	
564	6CF5	CC	0305		LDD	#0305	
565	6CF8	BD	6FB7		JSR	>Z6FB7	→ "
566	6CFB	6C	E4		INC	,S	
567	6CFD	A6	E4		LDA	,S	
568	6CFF	B1	0B		CMFA	#0B	
569	6D01	26	DB		BNE	Z6CDB	
570	6D03	32	61		LEAS	#01,S	
571	6D05	39		Z6D05	RTS		
572							
573	6D06	39		Z6D06	RTS		
574							
575	6D07	B4	7F	Z6D07	ANDA	#7F	
576	6D09	B7	EA79		STA	>ZEA79	
577	6D0C	CC	0019		LDD	#0019	
578	6D0F	AD	9F 5834		JSR	[Z5834]	
579	6D13	BD	97		BSR	Z6CAC	
580	6D15	39			RTS		
581							
582	6D16	B7	E900	Z6D16	STA	>ZE900	
583	6D19	B6	60		LDA	#60	
584	6D1B	B7	EA3E		STA	>UNIT	
585	6D1E	B7	EA75		STA	>RAM75	
586	6D21	B6	EA79		LDA	>ZEA79	
587	6D24	2B	E1		BMI	Z6D07	
588	6D26	CC	0006		LDD	#0006	
589	6D29	AD	9F 5834		JSR	[Z5834]	
590	6D2D	BD	6E5F		JSR	>Z6E5F	
591	6D30	26	D4		BNE	Z6D06	
592	6D32	20	0E		BRA	Z6D42	
593							
594	6D34	B6	E903	Z6D34	LDA	>ZE903	
595	6D37	B1	FF		CMFA	#FF	
596	6D39	1027	FF63		LBEG	Z6CA0	
597	6D3D	C6	40		LDB	#40	
598	6D3F	F7	EA75		STB	>RAM75	

```

599 6D42 7F EA2E Z6D42 CLR >MERK2
600 6D45 B6 EA75 LDA >RAM75
601 6D48 B7 EA3E STA >UNIT
602 6D4B CC 0B07 LDD #0B07
603 6D4E AD 9F 5834 JSR [Z6B34] pende
604 6D52 BE E900 LDX #ZE900
605 6D55 10BE E980 LDY #ZE980
606 6D59 C6 64 LDB #64
607 6D5B BD 6C98 JSR >Z6C98
608 6D5E 8E E900 LDX #ZE900
609 6D61 A6 80 LDA ,X+
610 6D63 B7 EC9F STA >ZEC9F
611 6D66 EC B1 LDD ,X++
612 6D68 FD EC9D STD >ZEC9D
613 6D6B 10BE ECA0 LDY #ZECA0
614 6D6F C6 20 LDB #20
615 6D71 BD 6C98 JSR >Z6C98
616 6D74 10BE EC90 LDY #ZEC90
617 6D78 C6 07 LDB #07
618 6D7A BD 6C98 JSR >Z6C98
619 6D7D BD 6FC6 JSR >Z6FC6
620 6D80 CE ECA0 LDU #ZECA0
621 6D83 11B3 ECCC Z6D83 CMPL #ZECC0
622 6D87 24 21 BCC Z6DAA
623 6D89 A6 C4 LDA ,U
624 6D8B 27 16 BEQ Z6DA3
625 6D8D A6 41 LDA #01,U
626 6D8F B0 30 SUBA #30
627 6D91 C6 0A LDB #0A
628 6D93 3D MUL
629 6D94 EB 42 ADDB #02,U
630 6D96 C0 30 SUBB #30
631 6D98 CA 80 ORB #80
632 6D9A F7 E900 STB >ZE900
633 6D9D 34 40 PSHB U
634 6D9F 8D 2B BSR Z6DCC
635 6DA1 35 40 PULB U
636 6DA3 33 44 Z6DA3 LEAU #04,U
637 6DA5 7C EA2E INC >MERK2
638 6DAB 20 D9 BRA Z6D83
639
640 6DAA BE EC90 Z6DAA LDX #ZEC90
641 6DAD 10BE E900 LDY #ZE900
642 6DB1 C6 07 LDB #07
643 6DB3 BD 6C98 JSR >Z6C98
644 6DB6 B6 EC9F LDA >ZEC9F
645 6DB9 B7 E90F STA >ZE90F
646 6DBC FC EC9D LDD >ZEC9D
647 6DBF FD E90D STD >ZE90D
648 6DC2 BD 6FC6 JSR >Z6FC6
649 6DC5 CC 0206 LDD #0206
650 6DC8 6E 9F 5834 JMP [Z6B34]
651
652 6DCC B6 EA2E Z6DCC LDA >MERK2

```

Handwritten notes:

- Between lines 607 and 619: $E900 \rightarrow (E980 / E964)$
- Between lines 610 and 619: $\left. \begin{array}{l} STA >ZEC9F \\ LDD ,X++ \\ STD >ZEC9D \end{array} \right\} ?$
- Between lines 614 and 619: $\rightarrow$ *vermutet Stack* $\rightarrow ECxx$
- Between lines 642 and 649: $\left. \begin{array}{l} LDB #07 \\ JSR >Z6C98 \\ LDA >ZEC9F \\ STA >ZE90F \end{array} \right\} ECxx \rightarrow$ *Stack*

653	6DCF B7	EA6B	STA	>BANK	
654	6DD2 AD	9F 6026	JSR	[Z6026]	
655	6DD6 B6	EA75	LDA	>RAM75	
656	6DD9 B7	EA3E	STA	>UNIT	
657	6DDC CC	0014	LDD	##0014	
658	6DDF BD	6FB7	JSR	>Z6FB7	
659	6DE2 CC	0B05	LDD	##0B05	
660	6DES BD	6FB7	JSR	>Z6FB7	
661	6DE8 BE	E900	LDX	#ZE900	
662	6DEB 10BE	4000	LDY	#TENDE	
663	6DEF C6	64	LDB	##64	
664	6DF1 BD	6C9B	JSR	>Z6C9B	
665	6DF4 B6	403E	LDA	>Z403E	
666	6DF7 B7	EA72	STA	>ZEA72	
667	6DFA BE	4039	LDX	#Z4039	
668	6DFD 10BE	C0B5	LDY	#ZC0B5	
669	6E01 C6	54	LDB	##54	
670	6E03 E7	3F	STB	-#01,Y	
671	6E05 C6	03	LDB	##03	
672	6E07 BD	6C9B	JSR	>Z6C9B	
673	6E0A BD	6FC6	JSR	>Z6FC6	
674	6E0D B6	4037	LDA	>Z4037	
675	6E10 7C	EA76	INC	>ZEA76	
676	6E13 AD	9F 6022	JSR	[Z6022]	
677	6E17 B6	04	LDA	##04	
678	6E19 B7	FD03	STA	>PIA+3	
679	6E1C B6	EA75	LDA	>RAM75	
680	6E1F B7	EA3E	STA	>UNIT	
681	6E22 B6	B0	LDA	##B0	
682	6E24 B7	E900	STA	>ZE900	
683	6E27 CC	0004	LDD	##0004	
684	6E2A BD	6FB7	JSR	>Z6FB7	
685	6E2D BE	03E8	LDX	#Z03E8	
686	6E30 30	1F	LEAX	-#01,X	
687	6E32 27	0C	BED	Z6E40	
688	6E34 F6	FD03	LDB	>PIA+3	
689	6E37 5B		ASLB		
690	6E3B 5B		ASLB		
691	6E39 24	F5	BCC	Z6E30	
692	6E3B F6	FD02	LDB	>PIA+2	
693	6E3E 20	ED	BRA	Z6E2D	
694					
695	6E40 BE	4000	LDX	#TENDE	
696	6E43 10BE	E900	LDY	#ZE900	
697	6E47 C6	64	LDB	##64	
698	6E49 BD	6C9B	JSR	>Z6C9B	
699	6E4C B6	EA2E	LDA	>MERK2	
700	6E4F B7	E950	STA	>ZE950	
701	6E52 BD	6FC6	JSR	>Z6FC6	
702	6E55 CC	0305	LDD	##0305	
703	6E5B BD	6FB7	JSR	>Z6FB7	
704	6E5B BE	9F 6026	JMP	[Z6026]	
705					
706	6E5F B6	FF	LDA	##FF	

*x → y au Transiste
parametre*
4039 3A3B
"T" x x x
Mode
Transmit (K. Bin)
→ Transmit (genre V.C.M)
4000 E900
x → y
→ Transmit, 564 Wave Data

707	6E61	B7	FD02	STA	>PIA+2
708	6E64	AD	9F 5B3C	JSR	[Z5B3C]
709	6E68	7D	EA62	TST	>SENDF
710	6E6B	27	F2	BEQ	Z6E5F
711	6E6D	B6	EA3E	LDA	>UNIT
712	6E70	B1	60	CMPL	##60
713	6E72	26	EB	BNE	Z6E5F
714	6E74	7D	EA4A	TST	>TSWAVE
715	6E77	39		RTS	
716					
717	6E7B	34	06	PSHS	B,A
718	6E7A	10BE	ECE0	LDY	#ZECE0
719	6E7E	B6	EA3E	LDA	>UNIT
720	6E81	44		LSRA	
721	6E82	44		LSRA	
722	6E83	44		LSRA	
723	6E84	44		LSRA	
724	6E85	E6	A6	LDB	A,Y
725	6E87	C1	FF	CMPL	##FF
726	6E89	26	03	BNE	Z6E8E
727	6E8B	32	62	LEAS	#02,S
728	6E8D	39		RTS	
729					
730	6E8E	35	06	Z6E8E	PULS B,A
731	6E90	6E	9F 5B34	Z6E90	JMP [Z5B34]
732					
733	6E94	0000		FDB	WAVBAS
734	6E96	6B55		FDB	Z6B55
735	6E98	0001		FDB	Z0001
736	6E9A	6B86		FDB	Z6B86
737	6E9C	0002		FDB	Z0002
738	6E9E	6BEB		FDB	Z6BEB
739	6EA0	0007		FDB	Z0007
740	6EA2	6BBE		FDB	Z6BBE
741	6EA4	0202		FDB	Z0202
742	6EA6	6B8D		FDB	Z6B8D
743	6EA8	0203		FDB	Z0203
744	6EAA	6BAE		FDB	Z6BAE
745	6EAC	0503		FDB	Z0503
746	6EAE	6BEA		FDB	Z6BEA
747	6EB0	0003		FDB	Z0003
748	6EB2	6BA0		FDB	Z6BA0
749	6EB4	0015		FDB	Z0015
750	6EB6	6B70		FDB	Z6B70
751	6EB8	0016		FDB	Z0016
752	6EBA	6D34		FDB	Z6D34
753	6EBC	FFFF		FDB	ZFFFF
754					
755	6EBE	3410	Z6EBE	FDB	Z3410
756					
757	6EC0	8E	1000	LDX	#W1000
758	6EC3	30	1F	Z6EC3	LEAX -#01,X
759	6EC5	26	FC	BNE	Z6EC3
760	6EC7	35	90	PULS	PC,X

802	6F4B A6	62	LDA	#02,S
803	6F4D 48		ASLA	
804	6F4E 48		ASLA	
805	6F4F AB	62	ADDA	#02,S
806	6F51 AB	62	ADDA	#02,S
807	6F53 AE	A6	LDX	A,Y
808	6F55 34	10	PSHS	X
809	6F57 BB	02	ADDA	#02
810	6F59 AE	A6	LDX	A,Y
811	6F5B 34	10	PSHS	X
812	6F5D BB	02	ADDA	#02
813	6F5F 6D	A6	TST	A,Y
814	6F61 27	16	BEQ	Z6F79
815	6F63 4C		INCA	
816	6F64 E6	A6	LDB	A,Y
817	6F66 86	08	LDA	#08
818	6F68 AD	9F 5834	JSR	[Z5834]
819	6F6C 7D	EA4A	TST	>T5WAVE
820	6F6F 26	2E	BNE	Z6F9F
821	6F71 10BE	E900	LDY	#ZE900
822	6F75 10BF	EA2D	STY	>MERK1
823	6F79 10BE	EA2D	LDY	>MERK1
824	6F7D EC	E4	LDD	,B
825	6F7F AD	9F 5824	JSR	[Z5824] <i>je cur</i>
826	6F83 AE	62	LDX	#02,S
827	>6F85 BD	6FA2	JSR	>Z6FA2
828	6F8B EC	E4	LDD	,B
829	6F8A 8B	01	ADDA	#01
830	6F8C AD	9F 5824	JSR	[Z5824] <i>je cur</i>
831	6F90 AE	62	LDX	#02,S
832	6F92 30	88 29	LEAX	#29,X
833	>6F95 BD	6FA2	JSR	>Z6FA2
834	6F98 32	64	LEAS	#04,S
835	6F9A 10BF	EA2D	STY	>MERK1
836	6F9E 39		RTS	
837				
838	6F9F 32	64	Z6F9F LEAS	#04,S
839	6FA1 39		RTS	
840				
841	6FA2 A6	80	<u>Z6FA2</u> LDA	,X+
842	6FA4 81	04	CMFA	#04
843	6FA6 27	0E	BEQ	Z6FB6
844	6FAB 81	40	CMFA	#040
845	6FAA 27	06	BEQ	Z6FB2
846	6FAC AD	9F 5832	JSR	[Z5832] <i>outck</i>
847	6FB0 20	F0	BRA	Z6FA2
848				
849	6FB2 A6	A0	Z6FB2 LDA	,Y+
850	6FB4 20	F6	BRA	Z6FAC
851				
852	6FB6 39		Z6FB6 RTS	
853				
854	6FB7 34	10	<u>Z6FB7</u> PSHS	X
855	6FB9 BE	01FF	LDX	#WX1FF

*Wave 2.3**Table Ausgabe**Transmit*

856	6FBC 30	1F	Z6FBC	LEAX	-#01,X
857	6FBE 26	FC		BNE	Z6FBC
858	6FC0 35	10		PULB	X
859	6FC2 6E	9F 5834		JMP	[75834]
860					
861	6FC6 B6	EA6C	Z6FC6	LDA	>EVUA
862	6FC9 7D	EA74		TST	>2EA74
863	6FCC 27	03		BEQ	Z6FD1
864	6FCE B6	EA6D		LDA	>RAM6D
865	6FD1 B7	EA3E	Z6FD1	STA	>UNIT
866	6FD4 39			RTS	
867					
868	6FD5 BE	8000	Z6FD5	LDX	#Z8000
869	6FD8 6F	80	Z6FD8	CLR	,X+
870	6FDA 8C	BC00		CMPX	#ZBC00
871	6FDD 26	F9		BNE	Z6FD8
872	6FDF 39			RTS	
873					
874	6FE0 0003		Z6FE0	FDB	Z0003
875	6FE2 EA3E			FDB	UNIT
876					
877	6FE4 0201		Z6FE4	FDB	Z0201
878	6FE6 EA6C			FDB	EVUA
879					
880	6FE8 0007		Z6FE8	FDB	Z0007
881	6FEA EA3E			FDB	UNIT
882	6FEC 0201			FDB	Z0201
883	6FEE EA6C			FDB	EVUA
884					
885	6FF0 0201		Z6FF0	FDB	Z0201
886	6FF2 EA6D			FDB	RAM6D
887					
888	6FF4 0007		Z6FF4	FDB	Z0007
889	6FF6 EA3E			FDB	UNIT
890					
891	6FF8 0003		Z6FF8	FDB	Z0003
892	6FFA EA3E			FDB	UNIT
893					
894	6FFC 0003		Z6FFC	FDB	Z0003
895	6FFE EA3E			FDB	UNIT
896					
897	7000 0202		Z7000	FDB	Z0202
898	7002 EA6C			FDB	EVUA
899					
900	7004 0002		Z7004	FDB	Z0002
901	7006 EA6C			FDB	EVUA
902					
903	7008 7038		Z7008	FDB	Z7038
904	700A 0400			FDB	Z0400
905	700C 0100			FDB	Z0100
906	700E 708A			FDB	Z708A
907	7010 0700			FDB	Z0700
908	7012 0101			FDB	Z0101
909	7014 708A			FDB	Z708A

Clear Bilal Ram.

940	70B3 47 52 4F 55		FCC	"GROUP:3 BD3 BI3 TW3 TF3 TL3 TM3"
	70B7 50 3A 40 20			
	70BB 20 42 44 40			
	70BF 20 42 49 40			
	70C3 20 54 57 40			
	70C7 20 54 46 40			
	70CB 20 54 4C 40			
	70CF 20 54 4D 40			
941	70D3 20 56 46 40		FCC	" VF3 VL3"
	70D7 20 56 4C 40			
942	70DB 04		FCB	\$04
943				
944	70DC 50 52 4F 47	Z70DC	FCC	"PROB:33 DETU:3 MO:3 MS:3 EO:3 E"
	70E0 3A 40 40 20			
	70E4 20 44 45 54			
	70E8 55 3A 40 20			
	70EC 4D 4F 3A 40			
	70F0 20 4D 53 3A			
	70F4 40 20 45 4F			
	70FB 3A 40 20 45			
945	70FC 53 3A 40 20		FCC	"S:3 BI:3"
	7100 42 49 3A 40			
946	7104 04		FCB	\$04
947				
948	7105 47 52 4F 55		FCC	"GROUP:3 SEMIT: 33 33 33 33 33 "
	7109 50 3A 40 20			
	710D 20 53 45 4D			
	7111 49 54 3A 20			
	7115 20 40 40 20			
	7119 40 40 20 40			
	711D 40 20 40 40			
	7121 20 40 40 20			
949	7125 40 40 20 40		FCC	"33 33 33"
	7129 40 20 40 40			
950	712D 04		FCB	\$04
951				
952	712E 50 3A 40 40	Z712E	FCC	"P:33 33 33 33 33 33 33 33 33 "
	7132 20 40 40 20			
	7136 40 40 20 40			
	713A 40 20 20 40			
	713E 40 20 40 40			
	7142 20 40 40 20			
	7146 40 40 20 20			
	714A 40 40 20 20			
953	714E 40 40 20 40		FCC	"33 33 33"
	7152 40 20 40 40			
954	7156 04		FCB	\$04
955				
956	7157 47 52 3A 40		FCC	"BR:3 33 33 33 33 33 33 33 ** "
	715B 20 40 40 20			
	715F 40 40 20 40			
	7163 40 20 20 40			
	7167 40 20 40 40			
	716B 20 40 40 20			

BBINA V2.R3.3

Wave term

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Wave/EVU

Parameter

Display-Set

Z6DAA	00640	00622							
Z6DCC	00652	00634							
Z6E2D	00685	00693							
Z6E30	00686	00691							
Z6E40	00695	00687							
Z6E5F	00706	00590	00710	00713					
Z6E7B	00717	00430	00484	00501					
Z6EBE	00730	00726							
Z6E90	00731	00369							
Z6EBE	00755	00552							
Z6EC3	00758	00759							
Z6ECF	00767	00774							
Z6FOA	00771	00110							
Z6F36	00790	00788							
Z6F39	00792	00797							
Z6F46	00799	00778	00785						
Z6F47	00801	00793							
Z6F79	00823	00814							
Z6F9F	00838	00820							
Z6FA2	00841	00827	00833	00847					
Z6FAC	00846	00850							
Z6FB2	00849	00845							
Z6FB6	00852	00843							
Z6FE7	00854	00418	00559	00561	00565	00658	00660	00684	00703
Z6FBC	00856	00857							
Z6FC6	00861	00272	00468	00557	00619	00648	00673	00701	
Z6FD1	00865	00863							
Z6FD5	00868	00120	00771						
Z6FDB	00869	00871							
Z6FE0	00874	00149							
Z6FE4	00877	00185							
Z6FEB	00880	00196							
Z6FF0	00885	00290							
Z6FF4	00888	00341							
Z6FFB	00891	00344							
Z6FFC	00894	00422							
Z7000	00897	00474							
Z7004	00900	00489							
Z700B	00903	00801							
Z703B	00928	00903							
Z70BA	00936	00906	00909						
Z70DC	00944	00912	00915						
Z712E	00952	00918	00921						
Z7180	00960	00924							
ZB000	00048	00868							
ZBC00	00049	00870							
ZC0B5	00050	00668							
ZE900	00051	00170	00184	00254	00260	00289	00357	00390	00440
	00520	00537	00556	00582	00604	00608	00632	00641	00661
	00821	00969							
ZE901	00052	00367	00463	00479					
ZE903	00053	00160	00226	00385	00396	00408	00420	00438	00454
ZE904	00054	00532							
ZE90D	00055	00647							
ZE90E	00056	00269							
ZE90F	00057	00645							
ZE92B	00058	00455	00458						
ZE929	00059	00460							
ZE92A	00060	00465	00485						
ZE92B	00061	00462							
ZE92F	00062	00493							
ZE930	00063	00478							
ZE950	00064	00700							
ZE971	00065	00605							
ZE972	00080	00666							

