

****OPERATING SYSTEM****

This file "readmeHHR.txt" is the Operating System, Program Loader for HHRReader readme file.

CHANGE LOGS:

V5.43 - 22.10.2013

file: HHR Manager.exe - ver 5.43
HHR ProgramLoader 5.43.exe

bug fixed :

NO_true – fixed compatibility bug with older versions than 4.20.

V5.42 - 18.09.2013

file: HHR Manager.exe - ver 5.42

bug fixed :

missing records during the sending the database in Windows XP

V5.41 - 01.07.2013

file: HHR ProgramLoader 5.41.exe
HHR Manager.exe - ver 5.41

changes:

new scale Tenso-M
new Cyrillic keyboard layout
command line to win1251(Cyrillic)
exit codes to the HHR Manager in command line mode

new functions:

CatExpL, CatExpL_p, CatExpR, CatExpR_p,
CopyField, CopyField_p,

TensoWeight, TensoAdd

bug fixed :

an issue with downloading of data from HHR
sorting records with filtering (ver. with coprocessor)
sorting records according: Index() with filters and printout bugs fixing
IconList(), Index() with filters, printouts work faster
the serial port (RS232) are scrambled data (ver. with coprocessor) – fixed bug with baud rate

V5.40 - 22.01.2013

file: HHR ProgramLoader 5.40.exe
HHR Manager.exe - ver 5.40

NOTE: Method of the operating system version numbering was changed. Now there is only one number 5.40. The HHR OS with the coprocessor have the prefix 'X' before the number of version.

bug fixed :

amountRecJoined() - coprocessor version
numberRecJoined() - coprocessor version
printout() - coprocessor version
count() - coprocessor version

SetFilter () - coprocessor version

key up event
deleting records

command line - quotation marks

changes:

New windows code page: win1251(Cyrillic)
IconDeleteRel(table|log) – parameter *log* does not delete related record in the table
NO_true - Norwegian transponder no. for Animalia.
Sorting(), Join(), SetFilter() with printout()

V5.32 - 02.07.2012

file: HHR ProgramLoader 5.31.exe

bug fixed : Battery charging.

EditDateField()
EditTimeField()

V5.30 - 02.05.2012

file: HHR ProgramLoader 5.30.exe
HHR Manager.exe - ver 5.30

bug fixed :

ex.hex(column_name,start, length)
ex.prt(column_name,start, length)
ex.dec(column_name,start, length)
Paste_p()
amountRecJoined()
numberRecJoined()

changes:

Coprocessor,
Filter to view/print log and join log,
New frame: FR_HHR_Line
ARUUUVVVMCCCXXXXXXXXXXXXXXXXX<CR><LR>

KEYBOARD area - new Enter flag 'Confirm',
PIN code for Bluetooth length 10 chars! was only 4,
Printing according Sorting(),
Printing log records according Join(),
"#(PRINETERDATA:RS;)" - the highest priority
New warnings:
w_EQUAL, w_NOEQUAL,

New functions:

FillExp_p(field,expression)
dec() - FillExp(field,dec(field,start,length))
tagtype() - FillExp(field, tagtype (field))
countequ() - FillExp(field, countequ (field,global))
global() - FillExp(field, global (global))

amountRecJoined() - FillExp(field, amountRecJoined())
numberRecJoined() - FillExp(field, numberRecJoined())

Equal(field1,field2)
PastePart_p(field,start,length)
PutGlobal_p(field,global)
IncPaste(field)
FilterJoinAddLog(field,global)
FilterJoinAddLog_p(field,global)

LoopReadSeek(field)
LoopReadNew(field)

EditReadFieldExp (x,y,font,column_name)
EditPartNewField (x,y,font,column_name,start, length)
Index(field1, field2, field3, field4)

V4.20 - 10.12.2010

file: HHR ProgramLoader 4.20.exe
HHR Manager.exe - ver 4.20

bug fixed :

PrintAnimMark(),
PrintRetagging(),
PrintUserInfo(),
PrintReserved(),
PrintAddInfo(),
PrintCountryNumber(),
PrintCountryName(),
PrintCountryCode(),
PrintAnimalNo(),

Improved rules to use keys in fast mode
Improved ISO synchronization to external antenna

changes:

Filter to view/print only those records that meet a certain criteria in a macro,
FILTER – keyword, the global number recently selected with ChoiceFilter ()
[global] = FILTER

New warning: w_FILTER: Do you want to/move the rec.?

HHRManager can establish a connection with Virtual Com Port (VCP),

HHR saves in not volatile memory the last usage settings of WSS,

EID_frame3 - New Outgoing Frame Structure LA CCC XXXXXXXXXXXXXXXX”

Gallagher Ruddweight protocol introduced

Improved speed of Read button – now when you press read button you will start new reading immediately.

new functions:

ChoiceFilter(x,y,font)
SetFilter(column_name)
ReadNew_P(column_name)
LoopReadNew_p(column_name)

global() - FillExp(field,global(global))

EditPartField (x,y,font,column_name,start, lenght)

GLLRuddWeight(x,y,font, column_name)

IconList(x,y, column_name,0)

ex.hex(column_name,start, lenght)

ex.prt(column_name,start, lenght)

ex.dec(column_name,start, lenght)

gl.FILTER

V4.10 - 27.02.2010 !!! only HHR ver.C,D !!!

file: HHR ProgramLoader 4.10.exe

bug fixed :

function count(*)

changes:

booting PIN code

new PRINTOUT sections

BlueTooth in auto mode

improve GLLWeight() - GLL300 and GLL800

HHR saves in not volatile memory the last usage settings of RS/BT

new functions:

SetBootPIN()

Print()

PrintIcon()

SetBTMAC()

SetBTMode()

DellTable()

V4.00 - 27.11.2009 !!! only HHR ver.C,D !!!

file: HHR ProgramLoader 4.00.exe

bug fixed :

GSM modue,

UNIQUE property

Improved synchronization to external readers (according to ISO 24631-2).

changes:

new definition of the keyboard (onlyv4.00 !!!)

GLLWeight()

SetSleepTime()

TestAntenna()

New UNIQUE '2' property

V3.50 - 27.11.2009 !!! only HHR ver.A,B !!!

file: HHR ProgramLoader 3.50.exe

bug fixed :

GSM module,

UNIQUE property

Improved synchronization to external readers (according to ISO 24631-2).

changes:

GLLWeight()

SetSleepTime()

TestAntenna()

New UNIQUE '2' property

V3.41 - 11.05.2009

files: HHR ProgramLoader 3.41.exe

bug fixed : Improve keys rules.

changes:

V3.40 - 20.04.2009

files: HHR ProgramLoader 3.40.exe

bug fixed : Searching the same values in table.

bug fixed : functions: Empty(), IconFindCol(),

changes:

- new functions:

EditChoiceFast();

V3.35 - 16.02.2009

files: HHR ProgramLoader 3.35.exe

bug fixed : Finding the same values in records for columns of types A, Z.

bug fixed : Charging battery during Continue Reading of Tags(function Continue),

V3.34 - 09.02.2009

files: HHR ProgramLoader 3.34.exe

bug fixed : LCD backlight

V3.33 - 04.02.2009

files: HHR ProgramLoader 3.33.exe

changes:

- new Hardware ver.C

- new functions: now()

bug fixed : NULL property

V3.30 - 22.12.2008

files: HHR_PRO_3_30_win1250

HHR_PRO_3_30_win1252

HHR_PRO_3_30_win1253

HHR Program Loader 3.30.exe

changes:

- new functions:

Continue()
IconBT()
IconRS()
IconGSM()

- SMS functions and long SMS
- China code page
- NULL property
- New type of column: Z,H

- added time warnings e.g:

w_DELR:9^Do you want to/DEL rec and related rec from LOG?
time 9s <1-9sec>
0 - no warning

- new warning:

w_RSACTIVE
w_RSNOACTIVE
w_GSMACTIVE
w_GSMNOACTIVE

bug fixed :

ShowMessage,BeepCaunter,TTWeight

V3.20 - 16.10.2008

files: HHR_PRO_3_20_win1250
HHR_PRO_3_20_win1252
HHR_PRO_3_20_win1253
HHR Program Loader 3.20.exe

changes:

- new functions:

DelLogRec()
IconDeleteRel()
FileExp_p()

- added RS232 functions:

SetRSSpeed(x,y,font)
SetRSDataBits(x,y,font)
SetRSParity(x,y,font)
SetRSStopBits(x,y,font)

- added Tru-Test weight scale functions:

TTWeight(x,y,font,field)
communication frames: {RW}; [123.3]

TTAVG(x,y,font,field)

communication frames: AVrG = 123.3 kg

- added Iconix weightscale functions:

IconixWeight(x,y,font,field)
communication frames:

(STX)<ID (1to16 digits)> <grup(1 to 2)> <condition code 2digit +decimal point> <wegght
1to 6 char> <date>

(STX)5432109876543210 98 5.6 1234.5 01JAN08

- bug fixed : AddLogConinue(); Keys '1' - /

- building menu: "Load New Application"

We can choose USB or BlueTooth communication.

- new warning:

w_DELR: "Do you want to/DEL rec and related rec from LOG?"

- added time messages e.g:

0:SGR^My messages!

S - beep

R - Red LED G - Green LED

- outgoing frames:

BioControl_frame, ISO_EID_frame, ISO_EID_DT_frame

- RS232 settings:

"9600", "14400", "19200", "28800", "38400", "57600", "76800", "115200"

"even", "odd", "disabled"

"one", "two"

"5bit", "6bit", "7bit", "8bit"

V3.15 - 16.05.2008

files: HHR_PRO_3_15_win1250

HHR_PRO_3_15_win1252

HHR_PRO_3_15_win1253

HHR Program Loader 3.15.exe

changes:

- new windows code page 1250,1253

- RSONOff() , bug fixed

- new function: ArrowUp(), ArrowDown()

V3.14beta - 06.05.2008

files: HHR_PRO_3_14_win1252beta.hex

changes:

- new functions: RSONOff (), noPaste_p(), IncPaste_p(); p-protected

- rebuild functions: Sorting(), Join()

- speed mode, bug fixed

V3.13beta - 17.04.2008

file: HHR_PRO_3_13_win1252beta.hex

changes:

- new function:Continue(), DelLog()

V3.11beta - 17.03.2008

file: HHR_PRO_3_11.hex

changes:

- reading , bug fixed. HHR did not read when exterior antenna has continuously reading

V3.10 - 07.03.2008

file: HHR_PRO_3_10_win1252beta.hex

changes:

- works with V2, V1 HHReader hardware version (big memory and small memory)
- define in Message, blinking of Leds and the Sound signal < ShowMessage(> S - sound,R - red LED; G - Green LED
- new functions: DelLog(),Continue()
- new warnings:
 - w_DEL_LOG:Do you want to/DEL whole LOG?
 - w_NEW_LOG:New log/rec created!

V3.00beta - 14.02.2008

file: HHR_PRO_3_00_win1252beta.hex

changes:

- new key rules:
 - ENTER goes to next field, skips icons
 - ARROWS keys go to next/previous field and icon
- required fields, bug fixed

V2.01 - 11.01.2008

file: HHR_PRO_2_01.hex, HHR_PRO_2_01win1252.hex

changes:

- works only with V2 HHReader hardware version (big memory 512k)
- equivalent v1.09

V1.09 - 11.01.2008

file: HHR_PRO_1_09.hex, HHR_PRO_1_09win1252.hex

changes:

- works only with V1 HHReader hardware version
- CountRec() , bug fixed
- functions CountLog, CountRec work faster
- added unique mark of files testing in FillAddRec() after Join()

V1.08 - 18.12.2007

file: HHR_PRO_1_08.hex, HHR_PRO_1_08win1252.hex

changes:

- new founts compatible with windows 1252 code page (file HHR_PRO_1_08win1252.hex)
- searching Log table , bug fixed
- unique field , bug fixed
- in functions: Edit...() shift Y coordinate

V1.07 - 26.11.2007

file: HHR_PRO_1_07.hex

changes:

- FDX assemble bits - reading of FDX improve
- required fields , bug fixed
- working Paste(), IncPaste() function with Log table , bug fixed

V1.06 - 09.10.2007

file: HHR_PRO_1_06.hex

changes:

- new functions:
EditSeekField(), IconConfirm(), Empty(),
AddRecConf(), IncPaste(), RText()
- added ISO synchronization timing,

V0.84 - 20.04.2007

file: HHR_PRO_0_84.hex

changes:

- new KEY rules.
- new functions:
EditGlobalField(), Sorting(), Join(), FillAddRec(), mEmpty()
- do not valid functions:
IconNextRec(), IconPrevRec() drawe only up/down arrow

V0.54 - 22.03.2007

file: HHR2_IDT_0_54.hex

changes:

- preliminary version

V0.04 - 03.02.2007

file: HHR2_PRO_0_04.hex

changes:

- initial version

PROGRAM LOADER

CHANGE LOGS:

V2.02 - 22.12.2008

file: HHR Program Loader 3.30.exe

changes:

- include:
HHR_PRO_3_30_win1250
HHR_PRO_3_30_win1252
HHR_PRO_3_30_win1253

V2.02 - 16.10.2008

file: HHR Program Loader 3.20.exe

changes:

- include:
HHR_PRO_3_20_win1250
HHR_PRO_3_20_win1252
HHR_PRO_3_20_win1253

V2.02 - 15.05.2008

file: HHR Program Loader 3.15.exe

changes:

- include:
HHR_PRO_3_15_win1250
HHR_PRO_3_15_win1252

HHR_PRO_3_15_win1253

V2.02 - 03.03.2008

file: HHProgramLoader 2_02.exe

changes:

- work with HHReader version: V1, V2

- added call from command line

V0.00 - 20.12.2006

file: HHProgramLoader.exe

- initial version