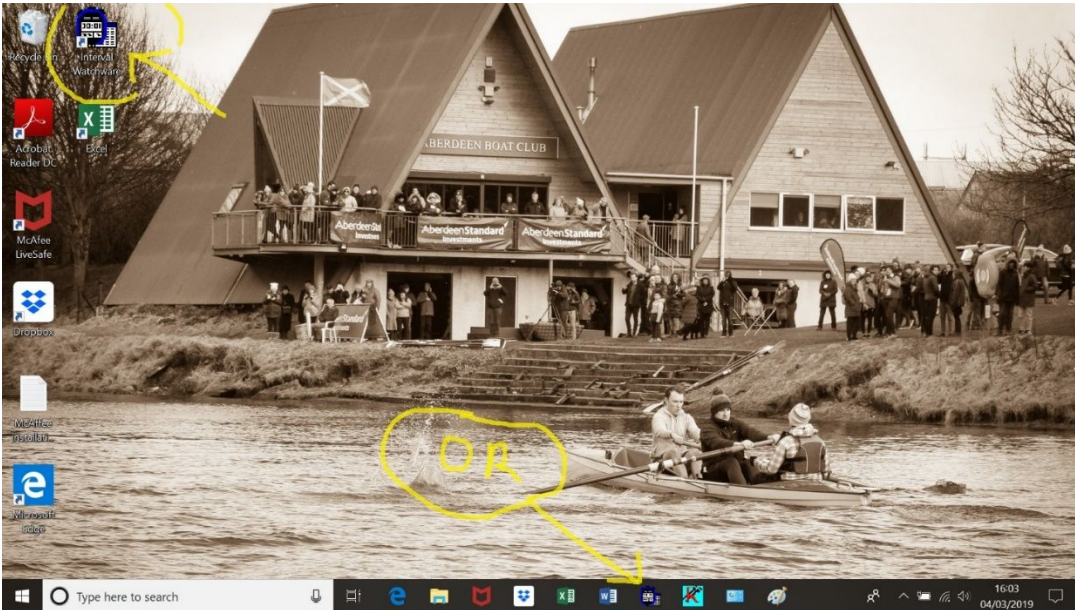


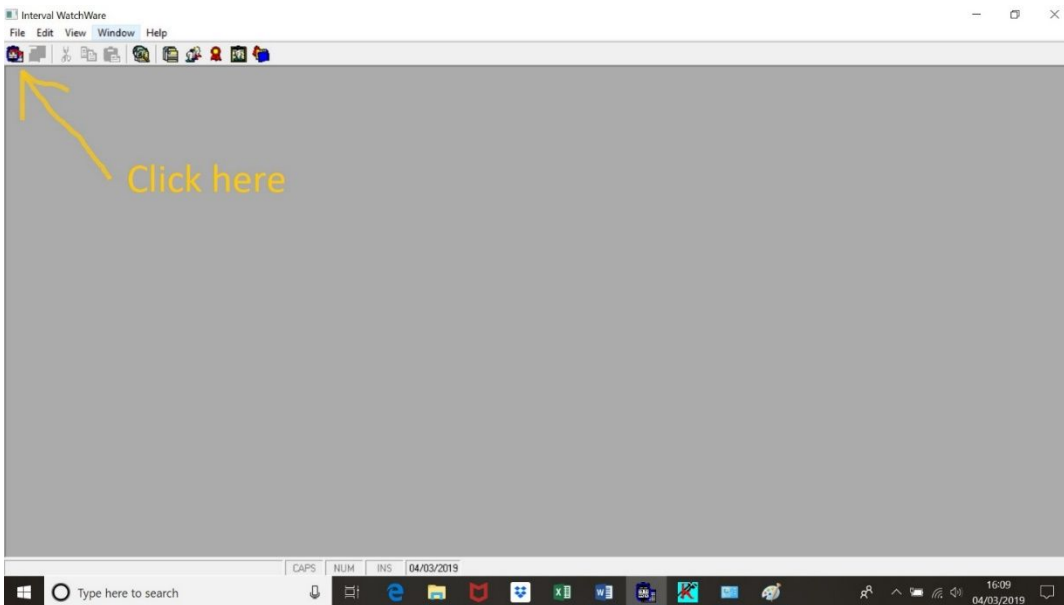
NK Interval watchware – interfacing watches with computer – Instructions v2 (Nov 2022)

Click on the Interval watchware program icon



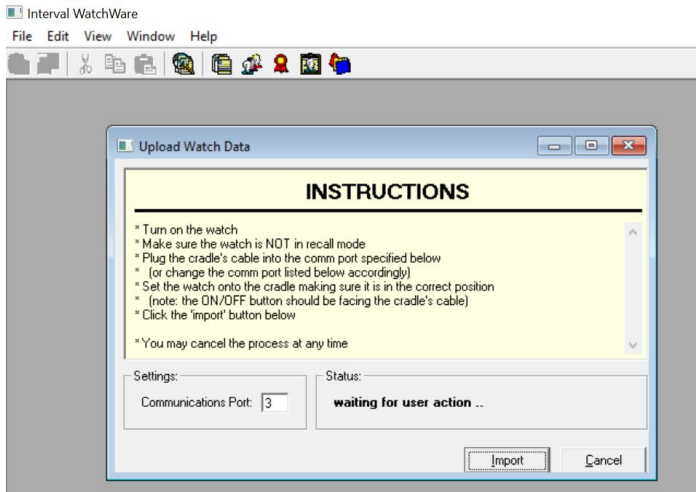
Current (Nov 2022) latest version of this software is V 2.3.1

Click top left icon



Plug the NK Data Transfer cradle into a USB port. Best to use the one on right hand side of computer nearest you (beside PgDn and End keys).

NB: Make sure the watch is stopped. Do not clear display.



Place watch on cradle with buttons at cable end.

Communication port should work on 3 but may need changed to 4

If you need to change the Communication port number: change the number then hit cancel; then re-open the input window. New Com Port number should now be in place.

Then click on **<Import>**

Status should quickly change to **“Connecting to watch”** followed by (slowly!) **“Receiving data from watch”** (this stage takes a while so just be patient. Old-school serial data transfer can take up to a minute)

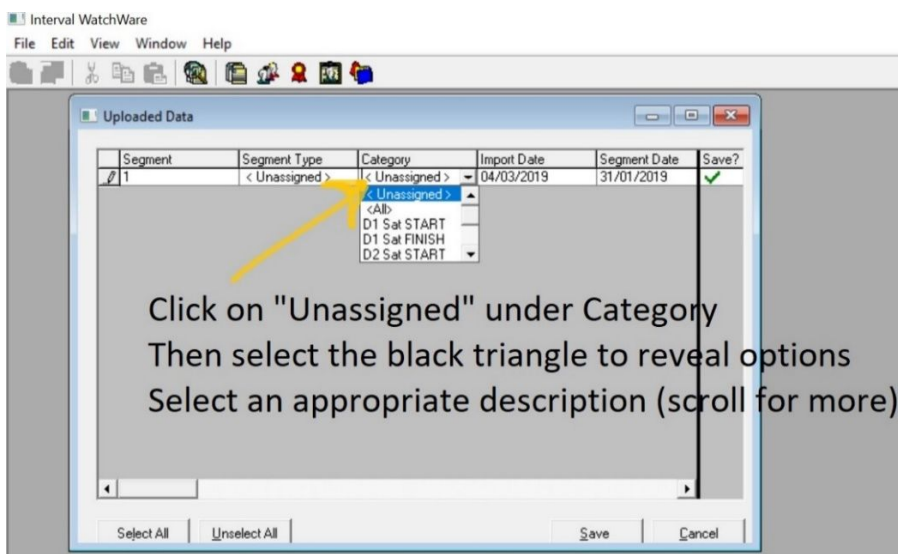
If it is not importing. Check that the watch is not running.

You should then get the screen below.

Click on **“Unassigned”** under **Category** ;

then click on the small black downward-facing triangle that appears at Rt end of this box to reveal category choices. Choose an appropriate one (eg D1 Sat START).

Note that you can scroll this box down for more options (Sunday)

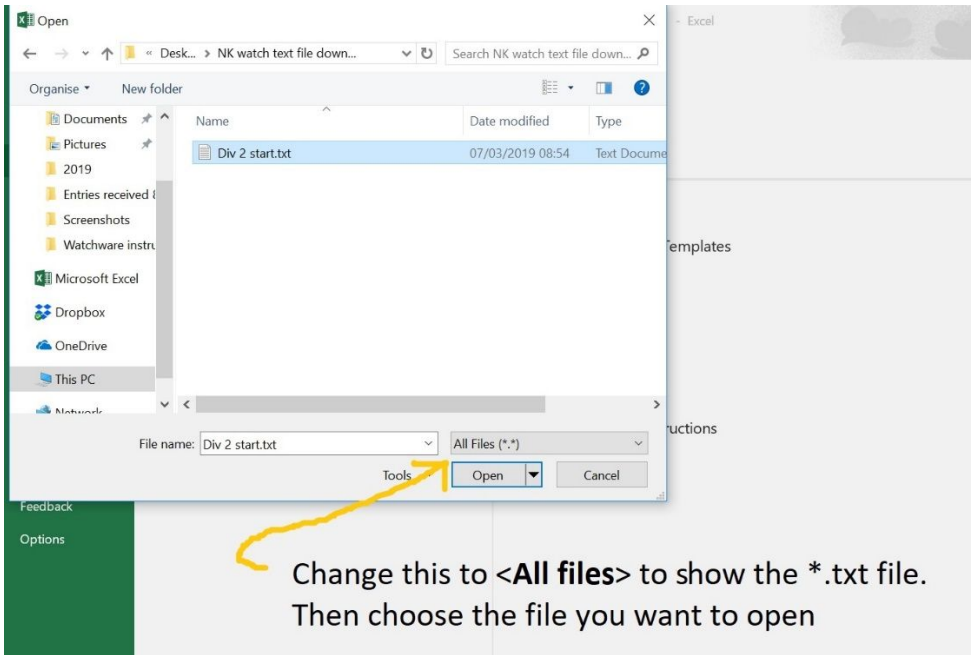


Then click **<Save>**

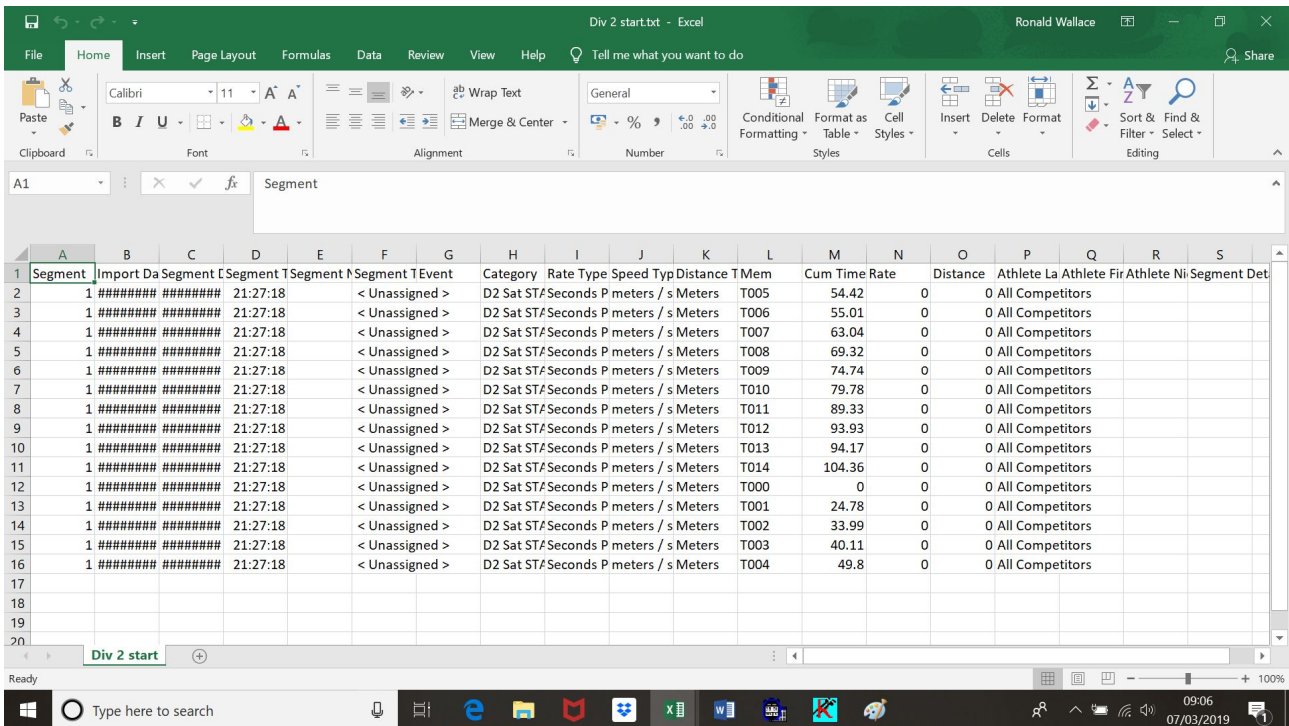
Importing into Excel

Open a new blank Excel workbook.

Choose **<Open>** and load the text file that you have just saved (instructions below)



Hit **<Next>** twice then **<Finish>** and you should have an Excel file open similar to below



Adding crew numbers:

(1) Select Mem and Cum Time columns; then copy; then past below to work on them

Add a 'Crew No' column and match Mem slots to crew numbers. Insert a new row for any DNS or DNF crews.

Crew No	Mem	Cum Time
1	T000	0
2	T001	24.78
4	T002	33.99
5	T003	40.11
3	T004	49.8
4	DNS	DNS
6	T005	54.42
7	T006	55.01
8	T007	63.04
9	T008	69.32
10	T009	74.74
12	T010	79.78
11	T011	89.33
13	T012	93.93
14	T013	94.17
15	T014	104.36

In the crew number column, type the actual order of crews over the timing line. This is likely to be (eg) 1,2,3,4,5... at start. But at finish could be (eg) 1,3,5,2,6,4...

If (eg) crew 4 did not start (DNS) then it is essential that you add a new line labelled with this.

Sort on crew numbers:

Select this block
Go to <Data> and sort on 'Crew No' to produce a table like this.

Save this file for reference (not really needed but good backup in case of any disputes)

Copying time data to clipboard:

The screenshot shows an Excel spreadsheet with the following data in the 'Cum Time' column (rows 1-15):

Row	Cum Time
1	0
2	24.78
3	49.8
4	33.99
5	DNS
6	40.11
7	54.42
8	55.01
9	63.04
10	69.32
11	74.74
12	79.78
13	89.33
14	93.93
15	94.17
16	104.36

A yellow arrow points to the 'Cum Time' column with the text: "Select just the figures from this single column and choose 'Copy' (<Ctrl> C is quickest way)".

Pasting time data into HOR spreadsheet.

Open HOR spreadsheet and paste the above data into the appropriate (yellow) column

The screenshot shows the '8sHOR 2019.xls' spreadsheet with the following data in the 'Start Time from watch (secs)' column (rows 1-17):

No	Event	Club	Stroke name	Notes	Start Time from watch (secs)	Finish Time from watch (secs)	Start time	Finish time	Time over course mins secs	Time adjust	Net Time (M.S.tenth s)	Place	Winner
1	R2 Eights	ASRA	Forbes		0		00.00.00	00.00.00	00.00.0				
2	R2 Eights	AUBORGLUBC	Zabala		24.78		00.00.24.8	00.00.00	#####				
3	R2 Eights	Dundee UBC	Jones		49.8		00.00.49.8	00.00.00	#####				
4	R2 Eights	ASRA	Barraclough	(moved from J-18 8s)	33.99		00.00.34.0	00.00.00	#####				
5	Open Masters Eights	ABC	Little	Masters D	DNS		#VALUE!	00.00.00	#VALUE!				
6	Open Masters Eights	Inverness / Chesterton	O' Connor	Masters B	40.11		00.00.40.1	00.00.00	#####				
7	Open Masters Eights	Tay PIC	Smith		54.42		00.00.54.4	00.00.00	#####				
8	Womens Open Eights	AUBORGLUBC	Crook		55.01		00.00.55.0	00.00.00	#####				
9	Womens Open Eights	Glasgow UBC	Nina PG		63.04		00.01.03.0	00.00.00	#####				
10	Womens Open Eights	Glasgow UBC	Collington		69.32		00.01.09.3	00.00.00	#####				
11	Womens Novice Eights	ABC	Riley		74.74		00.01.14.7	00.00.00	#####				
12	Womens Novice Eights	AUBORGLUBC	Walt		89.33		00.01.29.3	00.00.00	#####				
13	Womens Novice Eights	Dundee UBC	O' Mahoney		79.78		00.01.19.8	00.00.00	#####				
14	Womens Novice Eights	Glasgow UBC	Robertson		93.93		00.01.33.9	00.00.00	#####				
15	Womens J-15 4X+	ASRA	Beeson		94.17		00.01.34.2	00.00.00	#####				
16	Womens J-15 4X+	ASRA	Arthur		104.36		00.01.44.4	00.00.00	#####				
17	Womens J-15 4X+	ASRA	McKean				00.00.00.0	00.00.00	00.00.0				
17.5	4 minute gap												

Adding watch start time

Paste the actual time of day that the watches were started into cell G3.

You can copy this time from the previous (*.txt) spreadsheet where is listed under 'Segment time'.

The data under 'Start time' will now change to show actual time of day.

No	Event	Club	Stroke name	Notes	Start Time from watch (secs)	Finish Time from watch (secs)	Start time	Finish time	Time over course mins secs	Time over course mins secs	Net Time (M.S. tenths)	Place	Winner
1	R2 Eights	ASRA	Forbes		0		21:27:18.0	21:27:18.0	00:00.0				
2	R2 Eights	AUBORFUBEC	Zabala		24.78		21:27:42.8	21:27:18.0	00:00.0				
3	R2 Eights	Dundee UBC	Jones		49.8		21:28:07.8	21:27:18.0	00:00.0				
4	R2 Eights	ASRA	Barraclough	(moved from J-18 8s)	33.99		21:27:52.0	21:27:18.0	00:00.0				
5	Open Masters Eights	ABC	Little	Masters D	-0.15		#VALUE!	21:27:18.0	#VALUE!				
6	Open Masters Eights	Inverness/Cherterton	O' Connor	Masters B	40.11		21:27:58.1	21:27:18.0	00:00.0				
7	Open Masters Eights	Tau RC	Smith		54.42		21:28:12.4	21:27:18.0	00:00.0				
8	Womens Open Eights	AUBORFUBEC	Croak		55.01		21:28:13.0	21:27:18.0	00:00.0				
9	Womens Open Eights	Glasgow UBC	Nina PG		63.04		21:28:21.0	21:27:18.0	00:00.0				
10	Womens Open Eights	Glasgow UBC	Collington		69.32		21:28:27.3	21:27:18.0	00:00.0				
11	Womens Novice Eights	ABC	Riley		74.74		21:28:32.7	21:27:18.0	00:00.0				
12	Womens Novice Eights	AUBORFUBEC	Wat		89.33		21:28:47.3	21:27:18.0	00:00.0				
13	Womens Novice Eights	Dundee UBC	O'Mahoney		79.78		21:28:37.8	21:27:18.0	00:00.0				
14	Womens Novice Eights	Glasgow UBC	Robertson		93.93		21:28:51.9	21:27:18.0	00:00.0				
15	Womens J-15 4+	ASRA	Beeson		94.17		21:28:52.2	21:27:18.0	00:00.0				
16	Womens J-15 4+	ASRA	Arthur		104.36		21:29:02.4	21:27:18.0	00:00.0				
17	Womens J-15 4+	ASRA	McKean				21:27:18.0	21:27:18.0	00:00.0				
17.5	4 minute gap												

Finally

- Perform a similar process for the finish time data and you should have a complete spreadsheet.
- You can now hide columns F and G (select them; right click; choose Hide)
- Add any time penalties as seconds (eg 15) or Masters handicaps as negative figures (eg -43)
- Then select appropriate columns and sort on Net time.
- Mark winners. Print results. Treat yourself to a pint!

If this is Division 1, then you need to clear and reset all four watches (two main, plus two backups) for division 2. See separate instructions for that.

Produced by Ron Wallace 7/3/19, updated 1/11/22