

## SAWS RECORDS AS FROM MARCH 2017

### MONO HULLS (Surface DRIVE).

CLASS: L1 (brushless) 1 lipo cell, 1s2p life, or 3 subC nimh

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

CLASS: L2 (brushless) 2 lipo cells, 2s2p life, or 6 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 26th April 2015

SPEED: 45.248mph

PREVIOUS RECORD: 43.94mph Peter Barrow Branston Water Sep 2007

CLASS: L3 (brushless) 3 lipo cells, 3s2p life, or 9 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 27th Oct 2013

SPEED: 49.07 mph

PREVIOUS RECORD: 43.24mph Rob Physick Branston Water Oct 2012

CLASS: L4 (brushless) 4 lipo cells, 5s2p life, or 12 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 12<sup>th</sup> March 2017

SPEED: 54.745 mph

PREVIOUS RECORD: 52.16 mph Simon Mitchell Herrington July 2005

CLASS: L6 (brushless) 6 lipo cells, 7s2p life, or 18 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 27th Oct 2013

SPEED: 57.69mph

PREVIOUS RECORD: 55.48mph Joe Read Branston Water Sep 2007

CLASS: L8 (brushless) 8 lipo cells, 10s2p life, or 24 subC nimh

NAME: David Harvey

VENUE: Branston Water

DATE: 28th Oct 2012

SPEED: 45.82 mph

PREVIOUS RECORD: 43.20 mph David Harvey Watermead Country Park 2010

### **MONO HULLS (Surface Drive) contd.**

CLASS: L10 (brushless) 10 lipo cells, 12s2p life, or 32 subC nimh  
NAME: E Lazenby  
VENUE: Herrington  
DATE: 20/21st Sep 2003  
SPEED: 36.53 mph  
PREVIOUS RECORD: 35.35 mph P Bennett Warminster 2002

CLASS: L20 (brushless) 2x L10 specification  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS L open: anything goes. No cell paralleling limit, but voltage must comply to general national safety rules ( 60volts Max )

NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

### **MONO HULLS (Subsurface Drive).**

CLASS: L 1 (brushless) 1 lipo cell, 1s2p life, or 3 subC nimh  
NAME: James Hobbs  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 4.173mph  
PREVIOUS RECORD: no record

CLASS: L2 (brushless) 2 lipo cells, 2s2p life, or 6 subC nimh  
NAME: Mark Shipman  
VENUE: Watermead Country Park  
DATE: 31st Oct 2010  
SPEED: 30.37 mph  
PREVIOUS RECORD: no record

CLASS: L3 (brushless) 3 lipo cells, 3s2p life, or 9 subC nimh  
NAME: Donatas Ceponis  
VENUE: Dearnford Lake  
DATE: 26<sup>th</sup> Oct 2014  
SPEED: 31.84mph  
PREVIOUS RECORD: no record

**MONO HULLS (Subsurface Drive) contd.**

CLASS: L 4 (brushless) 4 lipo cells, 5s2p life, or 12 subC nimh  
NAME: D Harvey  
VENUE: Branston Water  
DATE: 08/09th Sep 2007  
SPEED: 32.20 mph  
PREVIOUS RECORD: no record

CLASS: L6 (brushless) 6 lipo cells, 7s2p life, or 18 subC nimh  
NAME: Mark Shipman  
VENUE: Dearnford Lake  
DATE: 26<sup>th</sup> Oct 2014  
SPEED: 24.94mph  
PREVIOUS RECORD: no record

CLASS: L8 (brushless) 8 lipo cells, 10s2p life, or 24 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L 10 (brushless) 10 lipo cells, 12s2p life, or 32 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L20 (brushless) 2x L10 specification  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L open: anything goes. No cell paralleling limit, but voltage must comply to general national safety rules ( 60 volts Max )  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

## **OUTRIGGER HYDROS.**

CLASS: L 1 (brushless) 1 lipo cell, 1s2p life, or 3 subC nimh

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

CLASS: L2 (brushless) 2 lipo cells, 2s2p life, or 6 subC nimh

NAME: David Harvey

VENUE: Dearnford Lake

DATE: 26th April 2015

SPEED: 39.181mph mph

PREVIOUS RECORD: 35.77mph David Harvey Watermead Country Park Oct 2010

CLASS: L3 (brushless) 3 lipo cells, 3s2p life, or 9 subC nimh

NAME: David Harvey

VENUE: Dearnford Lake

DATE: 12<sup>th</sup> March 2017

SPEED: 51.165 mph

PREVIOUS RECORD: 50.59mph David Harvey Dearnford Lake Oct 2016

CLASS: L 4 (brushless) 4 lipo cells, 5s2p life, or 12 subC nimh

NAME: Paul Upton Taylor

VENUE: Branston Water

DATE: 28th Oct 2012

SPEED: 56.63 mph

PREVIOUS RECORD: 56.46 mph Ian Williams Herrington 2004

CLASS: L6 (brushless) 6 lipo cells, 7s2p life, or 18 subC nimh

NAME: Paul Upton-Taylor

VENUE: Dearnford Lake

DATE: 24th April 2016

SPEED: 84.26 mph

PREVIOUS RECORD: 59.68mph Paul Upton Taylor Dearnford Lake Oct 2014

CLASS: L8 (brushless) 8 lipo cells, 10s2p life, or 24 subC nimh

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

CLASS: L 10 (brushless) 10 lipo cells, 12s2p life, or 32 subC nimh

NAME: Carl Dawson

VENUE: Warminster

DATE: 15th Sep 2002

SPEED: 51.05 mph

PREVIOUS RECORD: no record

## **OUTRIGGER HYDROS contd.**

CLASS: L20 (brushless) 2xL10 specification

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

CLASS: L open: anything goes. No cell paralleling limit but voltage must comply to general national safety rules ( 60 volts Max )

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

## **TUNNEL HULLS**

CLASS: L2 (brushless) 2 lipo cells, 2s2p life, or 6 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 24<sup>th</sup> April 2016

SPEED: 34.49mph

PREVIOUS RECORD: no record

CLASS: L3 (brushless) 3 lipo cells ), 3s2p life, or 9 subC nimh

NAME: Rob Physick

VENUE: Dearnford Lake

DATE: 27th Oct 2013

SPEED: 39.82mph

PREVIOUS RECORD: no record

CLASS: L4 (brushless) 4 lipo cells, 5s2p life, or 12 subC nimh

NAME: Ian Williams

VENUE: Dearnford Lake

DATE: 24th April 2016

SPEED: 47.94mph

PREVIOUS RECORD: 40.816mph Keith Mallam Dearnford Lake April 2015

CLASS: L6 (brushless) 6 lipo cells, 7s2p life, or 18 subC nimh

NAME: Keith Mallam

VENUE: Dearnford Lake

DATE: 12<sup>th</sup> March 2017

SPEED: 53.957mph

PREVIOUS RECORD: 48.91mph Keith Mallam Dearnford Lake April 2016

### **TUNNEL HULLS contd.**

CLASS: L8 (brushless) 8 lipo cells , 10s2p life, or 24 subC nimh  
NAME: Rob Physick  
VENUE: Branston Water  
DATE: 28th Oct 2012  
SPEED: 41.28 mph  
PREVIOUS RECORD: 30.66 mph Brian Barrow Watermead Country Park 2010

CLASS: L 10 (brushless) 10 lipo cells , 12s2p life, or 32 subC nimh  
NAME: Rob Physick  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 38.544mph  
PREVIOUS RECORD: 25.39mph Mark Shipman Dearnford Lake Oct 2014

CLASS: L20 (brushless) 2x L10 specification  
NAME: Keith Mallam  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 69.984 mph  
PREVIOUS RECORD: 56.67mph Peter Barrow Branston Water Park Oct 2012

CLASS: L open: anything goes. No cell paralleling limit but voltage must comply to general national safety rules ( 60 volts Max )  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

### **SPORT SCALE HYDRO ( Surface Drive).**

CLASS: L2 (brushless) 2 lipo cells, 2s2p life, or 6 subC nimh  
NAME: David Harvey  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 28.662mph  
PREVIOUS RECORD: 27.514mph David Harvey Dearnford Lake April 2015

CLASS: L3 (brushless) 3 lipo cells, 3s2p life, or 9 subC nimh  
NAME: David Harvey  
VENUE: Dearnford Lake  
DATE: 26<sup>th</sup> Oct 2014  
SPEED: 40.19mph  
PREVIOUS RECORD: no record

### **SPORT SCALE HYDRO contd.**

CLASS: L4 (brushless) 4 lipo cells, 5s2p life, or 12 subC nimh  
NAME: Peter Barrow  
VENUE: Branston Water  
DATE: 08/09th Sep 2007  
SPEED: 56.39 mph  
PREVIOUS RECORD: no record

CLASS: L6 (brushless) 6 lipo cells, 7s2p life, or 18 subC nimh  
NAME: Peter Barrow  
VENUE: Watermead Country Park  
DATE: 31st Oct 2010  
SPEED: 51.07 mph  
PREVIOUS RECORD: no record

CLASS: L8 (brushless) 8 lipo cells, 10s2p life, or 24 subC nimh  
NAME: David Harvey  
VENUE: Dearnford Lake  
DATE: 26<sup>th</sup> Oct 2014  
SPEED: 43.73mph  
PREVIOUS RECORD: no record

CLASS: L10 (brushless) 10 lipo cells , 12s2p life, or 32 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L20 (brushless) 2x L10 specification  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L open: anything goes. No cell paralleling limit but voltage must comply to general national safety rules ( 60 volts Max )  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

**SPORTS SCALE MONO ( Surface Drive ).**

CLASS: L2 (brushless) 2 lipo cells , 2s2p life, or 6 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L3 (brushless) 3 lipo cells , 3s2p life, or 9 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L4 (brushless) 4 lipo cells , 5s2p life, or 12 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L6 (brushless) 6 lipo cells , 7s2p life, or 18 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L8 (brushless) 8 lipo cells, 10s2p life, or 24subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L10 (brushless) 10 lipo cells , 12s2p life, or 32 subC nimh  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record

CLASS: L20 (brushless) 2x L10 specification  
NAME:  
VENUE:  
DATE:  
SPEED:  
PREVIOUS RECORD: no record



**SPORTS SCALE MONO (Surface Drive) contd.**

CLASS: L open: anything goes.No cell paralleling limit but voltage must comply with general national safety rules ( 60 volts Max )

NAME:

VENUE:

DATE:

SPEED:

PREVIOUS RECORD: no record

**ENGLISH MINI CLASSES (max length 450 mm).**

CLASS: Mini Mono subsurface (brushless)

CELLS: 2 lipo cells Max 110 Grams, 7 nimh Two thirds AF

NAME: Mark Shipman

VENUE: Watermead Country Park

DATE: 31st Oct 2010

SPEED: 29.54mph

PREVIOUS RECORD: no record

CLASS: Mini Mono surface drive (brushless)

CELLS: 2 lipo cells Max 110 Grams, 7 nimh Two thirds AF

NAME: John Croyden

VENUE: Dearnford Lake

DATE: 12<sup>th</sup> March 2017

SPEED: 39.353mph

PREVIOUS RECORD: 34.46mph Rob Physick Dearnford Lake 2017

CLASS: Mini Mono subsurface (brushless)

CELLS: 3 lipo cells Max 110 Grams.

NAME: Mark Shipman

VENUE: Dearnford Lake

DATE: 26<sup>th</sup> Oct 2014

SPEED: 22.72mph

PREVIOUS RECORD: no record

CLASS: Mini Mono surface drive (brushless)

CELLS: 3 lipo cells Max 110 Grams.

NAME: Rob Physick

VENUE: Branston Water

DATE: 28th Oct 2012

SPEED: 33.55 mph

PREVIOUS RECORD: no record

**ENGLISH MINI CLASSES contd.**

CLASS: Mini Tunnel (brushless)  
CELLS: 2 lipo cells Max 110 Grams, 7 nimh Two thirds AF  
NAME: Martin Cusick  
VENUE: Watermead Country Park  
DATE: 31st Oct 2010  
SPEED: 28.01 mph  
PREVIOUS RECORD: 19.19 mph Ian Williams Branston Water 2007

CLASS: Mini Tunnel (brushless)  
CELLS: 3 lipo cells Max 110 Grams.  
NAME: Rob Physick  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 30.222mph  
PREVIOUS RECORD: 17.14mph Ian Williams Dearnford Lake April 24th 2016

CLASS: Mini Rigger (brushless)  
CELLS: 2 lipo cells Max 110 Grams, 7 nimh Two thirds AF  
NAME: David Harvey  
VENUE: Branston Water  
DATE: 28th Oct 2012  
SPEED: 28.91 mph  
PREVIOUS RECORD: no record

CLASS: Mini Rigger (brushless)  
CELLS: 3 lipo cells Max 110 Grams.  
NAME: David Harvey  
VENUE: Dearnford Lake  
DATE: 12<sup>th</sup> March 2017  
SPEED: 46.973 mph  
PREVIOUS RECORD: 41.84mph Paul Upton Taylor Dearnford Lake 26<sup>th</sup> Oct 2014

RULES SO FAR ON FOLLOWING SHEET.

## **GERMAN SAWS RULES MINUS MINI CLASSES**

### **1. BATTERY TYPES**

Nimh subC size

Lipo no cell weight limit.

Lifepo A123 cells 2300mah only

### **2. CLASSES:**

L1: 1 lipo cell, 3 nimh, 1s2p life

L2: 2 lipo cells, 6nimh, 2s2p life

L3: 3 lipo cells, 9 nimh, 3s2p life

L4: 4 lipo cells 12 nimh, 5s2p life

L6: 6 lipo cells 18 nimh, 7s2p life

L8: 8 lipo cells 24 nimh, 10s2p life

L10: 10 lipo cells 32 nimh, 12s2p life

L20: 2x L10 specification

L open: anything goes \*)

\*) No cell paralleling limit in L open, but voltage must comply to general national safety rules ( 60 volts Max )

### **3. CATEGORIES**

competition mono - any mono design ( only L1-L20 )

competition hydro – any hydro design ( only L1-L20 )

scale mono ( only L2-L open )

scale hydro (only L2-L open )

Monos are mono hulls with one wetted surface, hydros are any non mono hulls.

### **4. SAFETY**

cells must be operated within their specification (temps, volts, charge rate)

max cell voltages: lipo 4.23v, life 3.65v, nimh 1.24v

### **EDITORS NOTE**

In all the even cell lipo classes you may run one bank of cells or if you have two motors you can split the pack into two ,(ie two banks of 4 cells in an 8 cell setup one for each motor). Life cells are a bit special: you may not run more cells in series than is specified for the class.