

Introduction.

For the sake of clarity, the meanings of some of the terms used in the ETS rules are set out below. These definitions are not part of the rules.

Assignment

The process by which an electronic chip ring is linked or associated with a pigeon's life ring.

Club System

Equipment used: -

- a) to assign electronic rings to birds
- b) to register birds entered for a race, and
- c) to produce strike-off sheets.

NEHU Rules governing the use of Electronic Timing Systems (ETS) for Racing.

1. No system of Electronic Timing may be used for races under NEHU Rules unless it has been approved by the NEHU. *(A list of manufacturers of approved systems appears in Appendix 1 and is available from the Union office.)*
2. The serial numbers of all Club systems must be registered with the NEHU, Racing Organisations and Federations using the form available from the NEHU Office/Website. No unregistered Club system may be used for any race under NEHU rules.
3. A Club system can be recalled by the NEHU at any time for testing.
4. All Club systems must be kept in secure conditions.
5. All individual ETS clocks must be registered with the NEHU, Racing Organisations and Federations using the form available from the NEHU Office/Website. Only registered clocks may be used in races under NEHU rules.
6. Only electronic rings which incorporate approved electronic chips may be used in races under NEHU rules. *(A list of manufacturers' approved Rings appears in Appendix 2 and is available from the Union office.)*
7. Assignment of electronic rings must be carried out by not less than two authorised officials of the Club.
8. Except for the provisions of Rule 9 below, Clubs must enact their own local rules regarding the frequency and timing of assignment of electronic rings. These rules must apply to all members of that Club who use electronic timing and ensure that no unreasonable demands are placed on the Club Officials who carry out the assignment process and/or Race Registration.
9. No Club rule can allow assignment or re-assignment of an electronic ring on the day of race registration, except where the electronic chip ring is discovered to be faulty.

Where an emergency allocation takes place at race registration, that ring must be synchronised to the administration software and backed up prior to the next race.

10. A Club Official must ensure that the electronic clock/GPS clock/internet time signal used with, or incorporated into the Club system, has received an up-to-date signal before race entry is due to start and before strike-off.
11. If the electronic clock/GPS clock/internet time signal used with, or incorporated into the Club system, has not been able to receive a radio signal, the Club system's electronic clock may be set manually along with other types of clocks, via the master timer strike.
12. No race entry details can be accepted from any electronic equipment with visible signs of damage to the casing or the seal, even if the damage was caused accidentally.
13. While electronic race registration is taking place, apart from officials engaged in the registration, to ensure security, all other people must remain at least 1 metre from the Club system.
14. No person may act as an Official while their own birds are being recorded.
15. As part of the electronic race entry process, Officials must check that the number of the life ring on the pigeon's leg is the same as that shown by the Club system when the electronic chip ring is scanned.
16. All race entry and strike-off sheets must be printed directly from the Club system or as a secure pdf and must show the Club system's serial number and the date and time of production.
17. As part of the entry process, each person presenting birds for entry to a race, will be given a copy of a print from the Club system or secure pdf showing the entry details which have been recorded for their pigeons. If all are satisfied that the details have been entered correctly, the fancier, or their representative, and two Club Officials will sign the copies. *(In the event of subsequent disputes, the signature of the fancier or their representative will be taken as evidence that they have had the opportunity to correct any mistakes but were satisfied that the details were correct.)*
18. The signed print and copies of the race entry sheets constitutes the electronically produced part of the Race Register. Pools may be recorded on these sheets either manually or electronically.

Note: - Copies are required for (a) the Fancier; (b) the Club; (c) the Federation. (d) the Transporter and (e) when necessary, the Racing Organisation.

19. Sensor pads/antennae must be placed inside the loft or trapping area (not under any external landing board) in such a way that when the loft is closed, no electronic chip ring may be recorded by the Electronic Timing system installed.
20. No timing details can be accepted from any electronic equipment with visible signs of damage to the casing or the seal, even if the damage was caused accidentally.
21. Any ETS clock varying by 3 seconds or more per day, requires investigation,

Initially a copy of the paperwork (entry sheet, strike off sheet and assignment sheet) Must be sent to the Union Office for evaluation before any paperwork is sent to the manufacturer, if requested the previous weeks paper must be provided.

If a more detailed investigation is required then the clocks may need to be sent to the manufacturer for a full investigation and a report produced for the NEHU, Club & member.

If the findings indicate the clock is out of order any positions awarded for the affected races will be removed from the result

22. A printed copy of their Strike-off sheet printed directly from the club system or as a secure pdf must be given to each competitor or their representative. This will be signed by at least two Club Officials.
23. Club Officials shall check that the setting information, including the secret code allocated at race entry corresponds with the strike-off sheet. If discrepancies are discovered, the competitor's clock will be deemed out-of-order and any pigeons timed by that clock will be excluded from the result.
24. The ETS strike-off sheet will be printed and signed by the Fancier, or their representative and at least two Club Officials.

Note: Copies are required for (a) the Fancier; (b) the Club; (c) the Federation

25. The Club must retain all race entry, strike-off sheets, and ring assignment sheets, for at least 12 months.
26. Club, Federation, Racing Organisation and NEHU Officials have the right to inspect any loft trapping system and electronic rings.
27. Officials have the power to detain any ETS they consider doubtful.
28. In the event of an escape, where required, ETS birds must have their life rings recorded.
29. Except for the arrangements set out in Clock Rule 38, Variation of Timing, no clock approved by the NEHU will be subject to debits or credits when times are calculated.
30. All ETS rings to have the Loft Number of the competing member written to the ETS ring on assignment. The Loft number composed of two parts (2 Characters to identify the racing organisation of Club the lofts NEHU Subscription is paid through and 5 Numeric Characters for NEHU membership number). e.g., WD 20024

DC for Durham Combine

NN for New North Amalgamation

UN for Up North Combine

WD for West Durham Amalgamation

31. All ETS clocks must be updated with the manufacturer's latest software update.

32. Failure to have the latest manufacturers software update will render the ETS clock invalid.

33. Race entry & Strike Off Sheets must have race point either electronically or Manually printed (signed by marking official) at top of sheet.

Note: The General Council agrees that up to three trapping entrances to a maximum of 30 inches each, may be set up for any one race.

Appendix 1

ETS NEHU Approved Manufacturers/Suppliers

1. The systems listed below, using the protocol UNIVES 1.7, are approved for use in races under NEHU Rules,
2. The manufacturers are listed in alphabetical order.
3. The NEHU does not endorse any system over any other.

Benzing
Bricon
Mega System
Tauris
Tipes
Top Pigeon
Unikon

Notes: -

1. *Members purchasing systems must exercise their own judgement based on the knowledge of their own circumstances and requirements.*

Appendix 2

For races under NEHU rules members must use an electronic ring which incorporates the HiTag-S electronic chip.

Approved Rings Containing the HITAG S Chip

Manufacturer	Ring name	Chip	Ring Code
Benzing	Benzing Pro Ring	HITAG-S	DA, DB
Bricon	Bricon 5000 Classic	HITAG-S	C5
	Bricon Chip stick *	HITAG-S	C5
* (may only be used in conjunction with the Bricon coloured leg ring)			
Mega Systems		HITAG-S	C7, D8, D9
TIPES	MC603	HITAG-S	76 to 79
	MC603 Electronic Clip **	HITAG-S	76 to 79
	** (attaches to Haspeslagh Combi Ring)		
TAURIS	Tauris S	HITAG-S	D4, D5, B4, B5
Top Pigeon	Top5	HITAG-S	AA AE

UNIKON	UCR3	HITAG-S	C9
	Combi Chip **	HITAG-S	C9

** (attaches to Haspesslagh Combi Ring)

Appendix 3

Manufacturer	Club System/ Software version	Clock Model/ Software version
Benzing	Version 4.4 or higher	Benzing M1: Version 4.07 or higher Benzing G2: Version 3.07 or higher Benzing M3: Version 1.15 or higher Benzing M2: Version 1.15 or higher
BRICON	UK-10 (update 0x02) or higher	Little BRICON: Version UK-20 or higher BRICON Speedy: Version 014 or higher BRICON Speedy Lite: Version 014 or higher BRICON+: Version 007 or higher BRICON SPEEDY X-TREME version 3.10 or higher
Mega Systems	Version: 5.1F or higher	Mega Black: Version: 5.1F or higher Mega 3000: Version: 5.2E or higher Mega Star: Version: 5.2E or higher
Tauris	CW 1.45-UK or higher	Fancier software TS UK8.18 or higher
TIPES	Version 2.35c or higher	Tipes MC2100: version 2.60 or higher
Top Pigeon	Version 8.78	Ipigeon V8: Version 8.48 or higher
Unikon	Version 4.22 or higher	Unikon Champ: Version 3.22 (UK) or higher Unikon Profi: Version 3.22 (UK) or higher