

- Draft EBSS Rules for review from 6 July 2009
- In review by flyers until 31 December 2009
- Flyers to provide feedback to the COM in writing
- After 31 December 2009, any changes required will be made following discussion by COM.
- The final set of rules will be available at the 2010 AGM, and be in place for 2010 race programme.

**DRAFT DOCUMENT**  
**Rules and Conditions of Installation and use of Electronic**  
**Band Scanning Systems**

**Use of EBS Systems**

1. The use of Electronic Band Scanning Systems (EBSS) is approved by the South Australian Homing Pigeon Association Incorporated (SAHPA) for use in all Races conducted by the SAHPA.
2. In the event that the SAHPA Management Committee ~~determined~~ **determines** that an EBS System or a system design does not provide adequate security or presents a potential security question, the SAHPA may disapprove the use of that system. The disapproval of any system will be effective immediately upon resolution ~~on~~ **by** the SAHPA management committee and the disapproval will be advised to members as soon as reasonably possible by personal notice **and or SAHPA management committee minutes**.
  - ~~a. The SAHPA reserves the right to withdraw the approval of an EBSS at any time, if a lack of Security occurs with any particular System. **This clause is made redundant by Rule 2.**~~
  - b.** If the SAHPA Clock Chairperson, his/her designate, or any race official determines that a lack of security exists with any individual unit, he/she must notify the SAHPA management committee and seek an immediate statement as to the validity of the continued system use. The SAHPA Clock Chairperson, his/her designate, or race official must provide a written statement

of the reason for concern to the System **EBSS** Owner and to the SAHPA management committee.

c. Issues of the potential or actual adequacy or otherwise of Security will be a matter for determination by the SAHPA management committee ~~within its absolute~~ **following advice provided to the SAHPA Management Committee by affiliated SAHPA clubs, SAHPA members and EBSS supplier delegates.**

3. Use of an EBSS by and individual SAHPA member must be notified to the SAHPA in writing by the member's respective SAHPA Club.

4. A SAHPA Club shall not make use of an EBSS Mandatory.

#### **Particular EBS Systems**

5. A SAHPA member is free to purchase any EBSS he/she chooses. A **The** member is responsible for ensuring the system (hardware/software) ~~is compatible with other systems used by the SAHPA or the Member's SAHPA Club.~~ is suitable and complies with the requirements of these EBSS rules and installation conditions. The SAHPA or the Club shall have no responsibilities **responsibility** for any system incompatibility.

**All EBSS systems shall comprise an electronic clock/data device, electronic landing board(s), and an independent club system reading device plus appropriate and current software. All EBSS systems will utilize an electronic printer for providing basketing/hampering lists, and race/evaluation lists.**

~~6. It would be advisable for any Member, prior to purchasing an EBS System, to check with the SAHPA as to what Systems are already in use.~~

#### **Use of EBS Systems by Members**

7. The serial number of each EBSS **system (clock, antennas, club system, slave clocks, base stations etc** ~~and the serial number of each antenna~~ must be approved by and registered with the SAHPA prior to use.

8. Installation of the EBSS in a Member's Loft must be inspected and approved by the SAHPA clock chairperson or his/her designate before being accepted for competition use within the SAHPA. **The nominated designate is to be the local club chairman, local club secretary, or local club clock chairman. Any questions as to acceptability are to be referred to the SAHPA clock chairman.**

~~9. Every EBSS sensor/antenna must be installed wholly within the confines of the Competitor's Loft. The sensors/antennas of an EBSS must be within the entrance of the Loft. (This includes an entry into the face wall of the Loft, as long as it is considered the entrance).~~

**All EBSS sensor/antennae/ELB are to be installed inside the confines of the loft or includes an entry into the face wall of the loft which effectively traps the pigeon within the entrance**

when being recorded by the ELB. See sketches in Attachment 1 for legal setup. The definition of a loft includes flights, sputnik traps, sun shelters etc which are permanently attached and considered part of the loft.

Sensor/antennae may be a single pad ELB, or a multi pad ELB depending on manufacture. More than one sensor/antennae pad ELB per electronic clock shall be allowable if compliance with EBBS clock rule 11 occurs.

10. Every sensor/antenna must be sealed (using a clock seal) as a fixture at point of entry. Point of fixture shall be documented by a photo of the installation and the seal number recorded. Seal numbers are to be recorded by club clock chairperson or his/her designate and forwarded to the General Secretary or as directed by the S.A.H.P.A. This process will not need to be carried out each year (if the sensors/antennas and seals are still in place the next season) but must be verified by the club clock chairperson or his/her designate prior to SAHPA racing each year.

11. The Maximum distance on a unilateral plane of multiple sensors/antennas connected to an EBSS in any Competitor's Loft is two (2) metres inclusive, measured from the furthest point on any part of the furthest sensor/antenna to the first sensor. Multiple entries are permissible; as long as they are contained within the maximum inclusive two (2) metre unilateral plane.

EBSS SAHPA flyers wishing to use more than one sensor/antennae ELB must comply with the following requirements:

a. GPS co-ordinates are to be taken as near as possible to the mid point between the intended sensor/antennae ELB points.

b. The distance between the sensor/antennae ELB shall be measured and the longer distance to be recorded for time penalty purposes. (If two ELBs, then only one measurement is taken – if three or more ELBs then additional measurements are required).

c. Time penalties (in seconds) will apply to all timed race returns to the multiple ELB loft. Time penalties are to be added to the time noted on the electronic clock and noted in the time columns in the SAHPA web based velocity calculation programme.

d. Time penalties will be awarded in accordance with the Modified Time Penalty Table. See table included as Attachment 2

12. No sensor/antenna ELB may shall be employed or placed at the loft of another competitor or moved to any other position of the competitor's loft without prior application to, and approval by the SAHPA.

### Racing Requirements

13. System Control Modules or System Keys and Software used in EBS Systems shall be purchased or procured by the System Owner.

14. Users of EBSS must: Security

- a. ~~Use an Electronic Band Scanning System that has a re-programmable Electronic Band.~~
- b. ~~Use Electronic Bands that have read/write chips. Currently the use of 64k/128k bit chips is approved for use.~~

~~15. The Centre Supervisor of each competing SAHPA Centre shall secure all individual System Control Modules or System Keys during Competitive Events. The use and operation of these Security Controls shall only be permitted by the individuals specifically authorized by the SAHPA during Competitive Events.~~

**The SAHPA Clock Chairman or his/her club/group delegate shall be authorized to secure and use the System Control Modules and or System Authorization Swipe Keys and or GPS time setting devices during clock setting and clock reading activities at club and group hampering centres as necessary.**

~~16. After all Electronic Bands have been securely placed on each Bird, the SAHPA Clock Chairperson or his/her designate shall scan or read a Competitor's Bird band number prior to a Race Season in which the Bird may be entered in one or more Races and print out an assignment Report of all Birds' band numbers. This report shall be signed by the SAHPA Clock Chairperson or His/her designate. This process must be performed at least four (4) days prior to the Basketing Night for the first (1st) Association Race, or earlier as required by the Member's Club. The SAHPA or Club may allow a Competitor to affix or attach electronic bands to a Pigeon, subject to verification by the SAHPA Clock Chairperson or his/her designate that the band's locking mechanism is securely engaged.~~

~~17. The Club or the SAHPA shall retain a copy of the report in its records and another copy shall be delivered to the Competitor as his/her verification of eligibility of each Bird.~~

18. During race entry logging or the basketing process, electronic banded pigeons shall not be handled by the competitor or a representative of the competitor **as is the case with non EBSS basketed pigeons.**

~~During the logging hampering basketing process, all band data must be reviewed to ensure band accuracy by the SAHPA clock chairperson or his/her designate~~

**During the basketing procedure, the bird data provided on screen by the EBSS is to be cross checked against the actual bird and life ring data on the pigeon life ring and SAHPA nomination form (or equivalent) when the EBSS ring is being 'read' by the EBSS reader/club system/race clock. If the data does not correspond, the bird is to be disqualified from the race.**

19. After all **EBSS** Race Birds have been entered in an **EBSS hampered**, the SAHPA Clock Chairperson or his/her designate shall print a list of the Competitor's Entries as verification of all Birds entered. The printout shall be signed by the SAHPA Clock Chairperson or his/her designate, and the Competitor.

20. The printout serves as a Race Entry Sheet. An additional copy shall be printed for the Competitor.

~~20. In the case of race entry information being DELETED by accident by the clock committee before the start of the race and after the race entry sheets have been printed the Competitor should be able to use his/her Terminal/Clock in the training mode on permission of the Clock Chairperson or his/her Designate and the recorded information and time compared to the race entry sheet to verify birds entered in the race.~~

21. In the case where an electronic clock race sheet shows a tie, the first (1<sup>st</sup>) bird listed will receive the highest ranking of the tied Birds and so forth, down the list.

~~22. If the data contained in an EBSS becomes defective, erases, or corrupted between race entry and the return of pigeons to the competitor's loft, all entries for that competitor shall be disqualified from any race result. The SAHPA clock chairperson or his/her designate will verify the system failure.~~

**If race entry data is deleted (whether accidentally or deliberately) from the EBSS clock (either prior to basketing, prior to the race, after the race, or at any time prior to the hampering sheet or race result sheet being printed), the competitor shall be disqualified from the race of that week.**

23. Where a Band has become dysfunctional (for whatever reason), broken or stolen, that band may be replaced and recorded to the satisfaction of the SAHPA Clock Chairperson or his/her designate. ~~The Bird re-banded must have appeared on the List submitted at the Commencement of the Season.~~

24a. In the event of a malfunction of an EBSS and it being sent for repair, proof of repair must be produced before the EBSS can be used for competition again. **Proof of repair shall be the receipt of the Repairer (which shall note the repaired EBSS serial number) and/or the new unbroken manufacturer seal on the EBSS device.**

b. In the event of the removal of the sensor/antenna ELB for any reason, the sensor/antenna ELB re-installation must be re-approved by the SAHPA **Clock Chairperson or his/her designate** before the EBSS can be used for Competition again. **(See Rules 8, 9, 10 and 11)**

25. If any Competitor intentionally attempts to corrupt, interfere with, or destroy the electronic data of another competitor, then his/her **conduct shall be reported to the club, group and General Secretary/Management Committee for review. Clause 9.2 of the Constitution applies.** ~~entire entry shall be disqualified from competition at the discretion of the SAHPA Management Committee.~~

26. When closing the race, the SAHPA clock chairperson or his/her designate shall print out all data (**hampering/race result/evaluation sheet**) prior to transferring data from the EBSS to the computer (**if used**). The printout will serve as a back-up **and review** document for later reference if necessary. Use of an EBSS (and hence data integrity) is at sole risk of the SAHPA member/competitor using the EBSS.

27.

a. Should the EBSS **screen** display (after a race entry or race) show the complete set **of results**, but not be able to generate a printout, the SAHPA clock Chairperson or his/her designate shall view the display data and report it manually. The manual (**screen**) report **shall may** be used for calculating race **results if the ring number, colour/pattern/sex, clock 'fast/slow', race number, race date and time of clocking is available on screen. The confirmation of this result is to be made available to the SAHPA Clock Chairman for verification. The clock will be required to be presented to the SAHPA Clock Chairman or his/her delegate by the flyer owning the EBSS clock. If all the required information is not available, the bird shall be disqualified.**

b. **Should an EBS System become dysfunctional, the flyer may take his pigeon to another EBSS loft and time the pigeon on the competitors EBSS clock (this assumes that the chip ring data number (as a minimum) can be read and corresponds to the chip ring data noted on the original hampering sheet.**

~~b. In the event of it being a SAHPA controlled Race and printout cannot be generated from a member's clock must be produced for a manual (*screen*) reading by the SAHPA on the day or night of the Race. Failure to produce the Clock will result in the non-acceptance of the Member's Result.~~

**28. Slave clocks (such as the TIPES MC2100 which enable continuous clocking in the absence of the registered clock) are permitted. The registered clock must be used for the provision of hampering lists and race result lists.**

~~29. Any application form adopted by the SAHPA Management Committee from time to time forms parts of these Rules and Conditions.~~

**29. Base stations (such as Benzing and Tauris which enable continuous clocking in the absence of the registered clock) are permitted. The registered clock must be used for the provision of hampering lists and race result lists.**

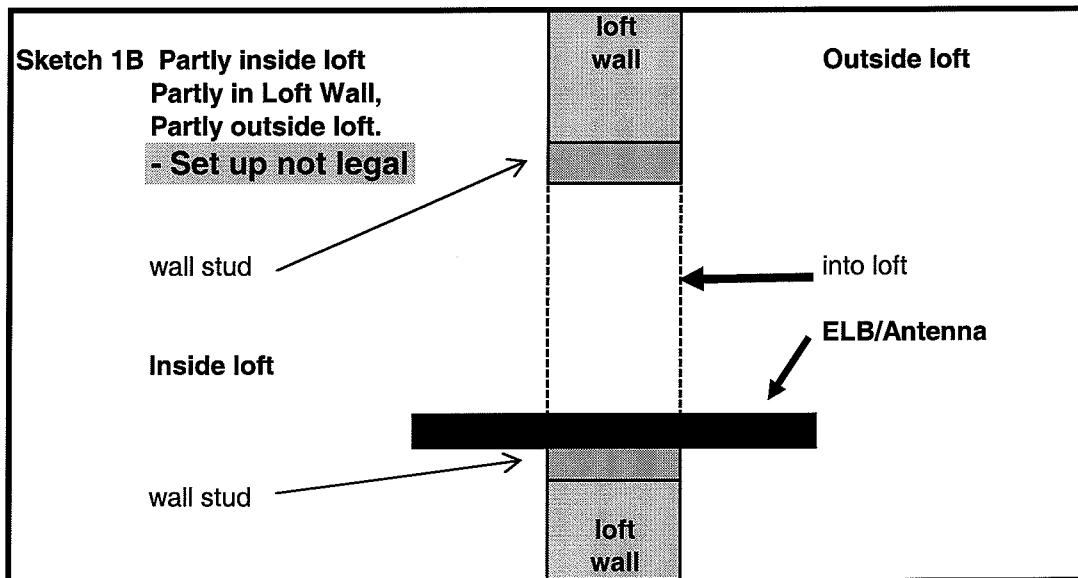
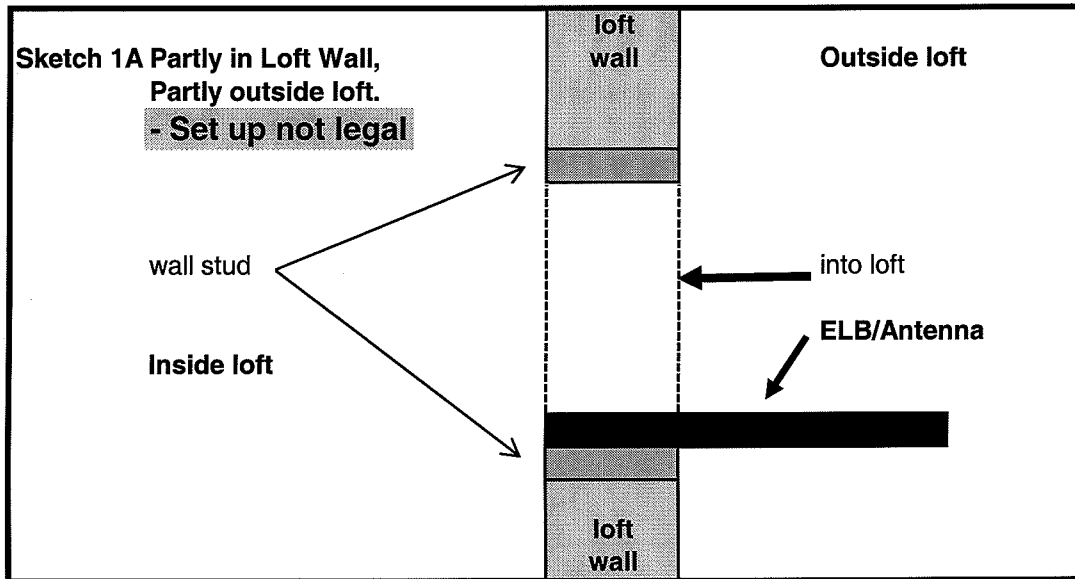
30. The SAHPA management committee or its designate reserve the right at any time, (**and** without prior notice) to inspect the installation and operation of any EBSS being used by a competitor within the SAHPA.

~~31. These Rules and Conditions are supplementary to and must be read in conjunction with the current SAHPA Racing and Clock By-Laws Rules **and to** the extent **extent** of any inconsistency, the latter shall prevail.~~

31. The SAHPA Management Committee may from time to time amend these Rules and Conditions as it thinks fit and within its absolute discretion.

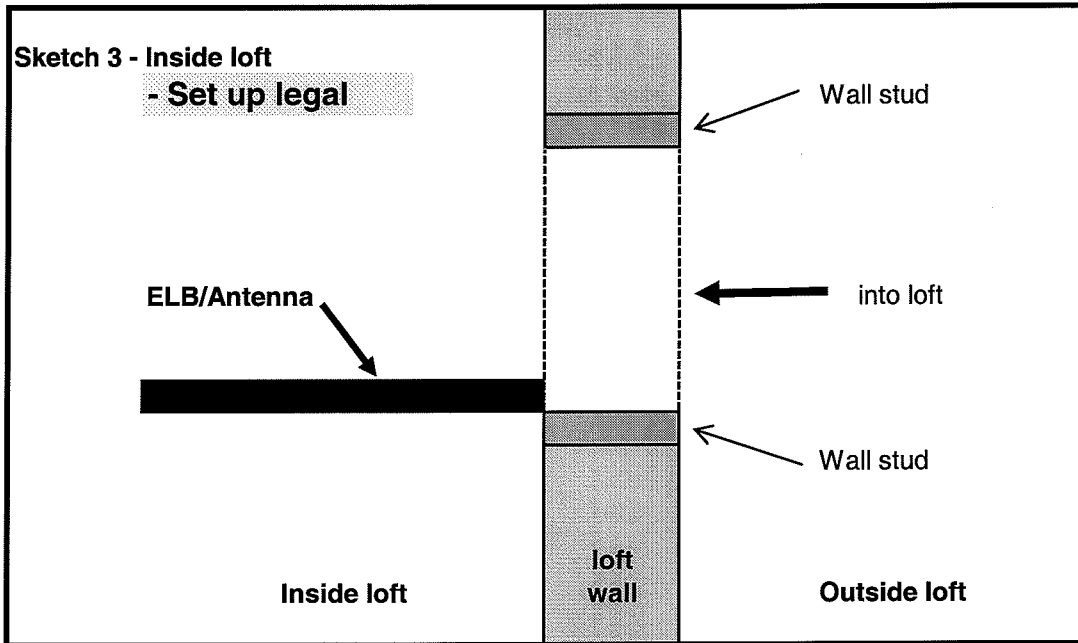
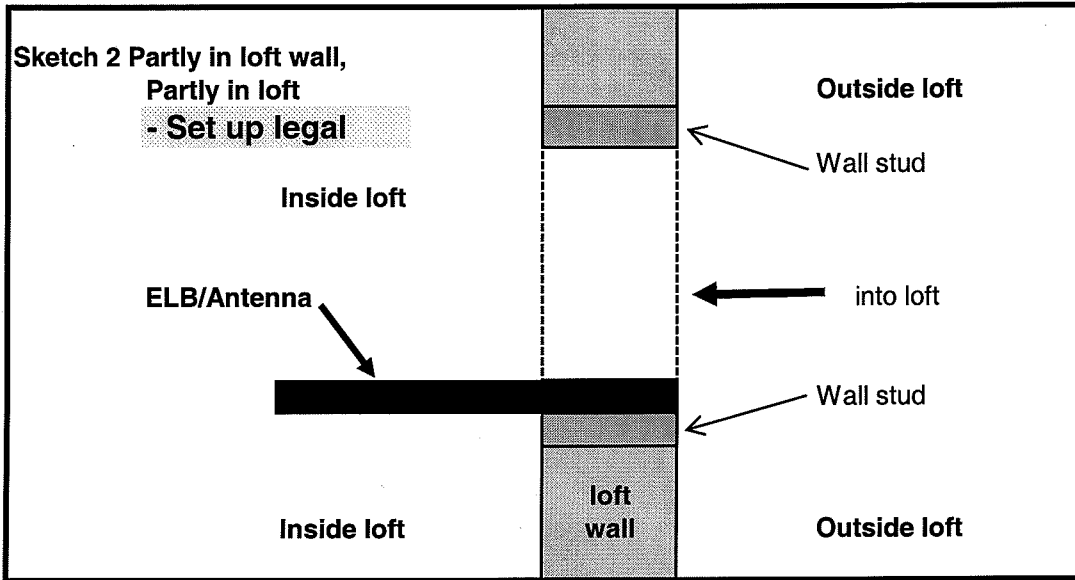
~~32. Headings are inserted for convenience only, and are not intended to assist interpretation.~~

**SAHPA COM Review of ELB Antenna set up 19 06 2009**  
**See Rule 9 of Rules and Conditions of Installation and Use of EBS**  
**Systems**



**SAHPA COM Review of ELB Antenna Setup 19 06 2009**

**See Rule 9 of Rules and Conditions of Use and Installation of EBS Systems**



**Attachment 2. Time Penalty Additions for Distance and Time for lofts using multiple ELBs**

	5m	10m	15 m	20m	25m	30m	35m	40m	45m	50m
2400 - 2500 m/m	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	2.00
2300 - 2400 m/m	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
2200 - 2300 m/m	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
2100 - 2200 m/m	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
2000 - 2100 m/m	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00
1900 - 2000 m/m	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00
1800 - 1900 m/m	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00
1700 - 1800 m/m	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
1600 - 1700 m/m	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
1500 - 1600 m/m	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
1400 - 1500 m/m	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	3.00
1300 - 1400 m/m	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	3.00
1200 - 1300 m/m	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	3.00
1100 - 1200 m/m	0.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00
1000 - 1100 m/m	0.00	1.00	1.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00
900 - 1000 m/m	0.00	1.00	1.00	2.00	2.00	2.00	3.00	3.00	3.00	4.00
800 - 900 m/m	0.00	1.00	2.00	2.00	2.00	3.00	3.00	3.00	4.00	4.00
700 - 800 m/m	0.00	1.00	2.00	2.00	3.00	3.00	3.00	4.00	4.00	5.00
600 - 700 m/m	0.00	1.00	2.00	2.00	3.00	3.00	4.00	4.00	5.00	5.00
500 - 600 m/m	1.00	2.00	2.00	3.00	3.00	4.00	5.00	5.00	6.00	6.00
400 - 500 m/m	1.00	2.00	3.00	3.00	4.00	5.00	6.00	6.00	7.00	8.00
300 - 400 m/m	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00