

**IBBA Board of Directors Meeting**  
**March 1, 2018**  
**Brandon Belt, President**

The purpose of IBBA is: To enable IBBA members to serve the commercial cattle industry.

The purpose of the IBBA Board of Directors is: To honor, serve and lead the membership.

President Brandon Belt called the meeting to order called roll at 2:12 p.m. and led us in prayer.

Bill Davis called roll with only Eddy Roberts absent.

<u>Present</u>	<u>Present</u>	<u>Absent</u>	<u>Staff Present</u>
Brandon Belt	Davy Sneed	Eddy Roberts	Dr. Tommy Perkins
Mike Vorel	Troy Floyd		
Steve Densmore	Vern Suhn		
Danny Farris	Bill Davis		
Doyle Miller	Lee Alford		
Carolyn Carson	Chris Heptinstall		

President Belt asked Dr. Tommy Perkins to give the Executive Vice President report. Perkins discussed the increase in numbers and revenues for 2017 for total herd reporting, membership, DNA and others. Expenses were in line with the previous three years with salaries and DNA being the largest expenditures to the budget.

Perkins then introduced IBBA Product Manager Emilio Silvas to make on presentation on the current status and deployment date for the new REGSTR breed registry software. Silvas showed many of the completed modules to date but stated two major modules still need to be completed before the product can be rolled out. The roll out date is scheduled for June 2018 according to Silvas after proper testing by additional IBBA members and current staff.

## **COMMITTEE REPORTS**

**Finance Committee** – Chair Bill Davis recognized the current Finance Committee members present. President Brandon Belt presented the audited 2017 financial report which had been approved in a previous board meeting. There was an increase in total current assets and an increase in cash and cash equivalents for the year. There is a Building Maintenance Fund set aside in the financials that has \$190,000 in it at this time. THR revenue increased almost \$50,000 over 2016 and membership dues increased about \$12,000. Payroll continues to be a large part of the expense side. There was also a big increase in the promotion budget for 2017. GPS reserves have been depleted due to the increase in programmers working on the new REGSTR program. GPS currently has four other breed associations using the software.

**Breed Improvement Committee** – Chair Chris Heptinstall stated his committee had recently met and had a couple of actionable items. He stated the committee is requesting that all embryo transfer calves be assigned a single contemporary group as they used to be before the August 2016 board action that allowed ET calves from registered recipients be put together. **Mike Vorel made a motion that ALL ET**

**calves be placed in a single contemporary group from birth through all other measurement dates and that “ET” be placed as their ratio instead of an “\*” or “100”. The motion was seconded by Doyle Miller. The motion passed unanimously.** It was clarified that the breed of recipient dam must be identified at the time of calf registry so that enough data could be captured for future use in the National Cattle Evaluation program.

Heptinstall then asked the board to consider the release of maternal EPDs as well as Fertility and Terminal Indexes based on current research presented by John Genho. See Appendix below for results as reported by Genho to the Breed Improvement Committee. **Doyle Miller moved to have Livestock Genetic Services calculate new EPDs for heifer pregnancy, stayability and mature cow weight and to formulate a Fertility Index from the new EPDs (along with other traditional EPDs). The motion was seconded by Chris Heptinstall. The motion passed unanimously.**

Heptinstall reported the recommendation of John Genho to use hot carcass weight, marbling score, yield grade, calving ease direct, calving ease maternal and indicator traits of weaning weight, ultrasound intramuscular fat, ultrasound fat, ultrasound ribeye area and birthweight for the calculation of a Terminal Index. See Appendix below for results as reported by Genho to the Breed Improvement Committee. **Steve Densmore moved to have Livestock Genetic Services calculate a Terminal Index as presented. Seconded by Vern Suhn. The motion passed unanimously.**

Additionally, Heptinstall presented a request for the calculation of an RFI EPD with the inclusion of current Calen Gate data with the release of pedigree information from IBBA to GrowSafe for the calculation. **Carolyn Belden Carson moved to allow the release of pedigree information for the calculation of an RFI EPD which must come back to the board for approval before their release to the membership. Mike Vorel Seconded the motion. The motion passed unanimously.**

Perkins reported the University of Missouri was requesting IBBA participate in a Hair Shedding research project using both red and black genetics. **Brandon Belt moved to allow IBBA to participate in the two-year Hair Shedding project at MU. Motion was seconded by Bill Davis. The motion passed unanimously.**

Heptinstall briefly discussed the need to update the IBBA genetic condition/defect policy. **Mike Vorel moved to direct the Breed Improvement Committee to evaluate the current genetic condition/defect policies and develop new recommendations to the board at a future meeting date. Seconded by Brandon Belt. The motion passed unanimously.**

**Commercial Committee** – Chair Danny Farris discussed the current Carcass Merit Challenge Program that had been implemented. Perkins stated that four commercial cattlemen have steers on feed at this time with some having already harvested cattle and submitted carcass data. Farris also stated the continued use of the Brangus Built Heifer tagging program. Commercial cattlemen are still seeing premiums on heifers with the eartag in the San Saba Sales and elsewhere.

**International Committee** – Chair Buck Thomason reported there were 352 registered attendees for World Brangus Congress from sixteen different countries. He stated that it has been a lot of work and he appreciates the sponsors and his committee members.

**Promotion Committee** – Chair Mike Vorel reported they were working on new advertisements using carcass data from Brangus genetics.

**Show Committee** – Chair Carolyn Belden Carson reported that the Houston Livestock Show will have a good Brangus Show this year. She also reported the special awards were very well received by the members.

Junior Advisory Committee – Chair Steve Densmore reported the juniors have had another good year. He asked Junior Advisor Tyler Dean to complete the report. Dean stated the Junior National Show will be held at the Kansas State Fairgrounds over the 4<sup>th</sup> of July week. He reported there would be some travel scholarships awarded to some members to help defray the cost of traveling to Kansas. He also asked the junior board members to introduce themselves and stated that 10 of the 11 would be attending the upcoming Youth Beef Conference. Lastly, he asked everyone to participate in the Legacy Female sale that would take place on Saturday night at the World Brangus Congress Gala.

**Nominating Committee** – Chair Mike Vorel reported the slate of officers as recommended by his committee:

President – Doyle Miller  
1<sup>st</sup> Vice President – Eddy Roberts  
2<sup>nd</sup> Vice President – Bill Davis  
Secretary/Treasurer – Chris Heptinstall

**Lee Alford moved to accept the slate by acclamation. Seconded by Steve Densmore. The motion passed unanimously.**

Brandon Belt gave his outgoing president remarks. He discussed the great work in increasing THR, membership, the new IBBA headquarters office building and trademark recovery as some of the highlights of his six years on the board.

President Doyle Miller provided some brief remarks as the new president of IBBA.

**Lee Alford moved to adjourn at 4:02 p.m. The motion was seconded by Steve Densmore. The motion passed unanimously.**

**These minutes have been read and approved by \_\_\_\_\_.**  
**Doyle Miller, President**

# Fertility Index

## Economically Relevant Traits

1. Heifer Pregnancy
  - a. Defined as if a calf had a calf by 30 months of age compared to yearling weight contemporary group.
  - b. Donor dams and animals sold as breeding animal not considered.
  - c. Heritability = 0.19
  - d. No correlation to other traits, including scrotal circumference
  - e. >80,000 records
  
2. Days to Calving
  - a. Age at first calf up to 30 months of age.
  - b. Contemporary group defined as yearling contemporary split by 120 day calving windows
  - c. Donor dams not considered.
  - d. Heritability = 0.22
  - e. Genetic Correlations:
    - i. Scrotal Circumference = -0.30
    - ii. Back Fat = 0.32
    - iii. Milk = 0.55
    - iv. Cow Wt = 0.35
  - f. 71,224 records
  
3. Stayability
  - a. Whether or not a cow is still in herd at 6 years of age.
  - b. Contemporary group defined as yearling group
  - c. Donor dams and animals sold as breeding animals removed
  - d. Heritability = 0.16
  - e. Genetic Correlations:
    - i. Milk = -0.47
    - ii. Days to Calving = -0.25
  - f. 14,250 records with 60% success rate
  
4. Calving Ease
  - a. Direct Heritability = 0.17
  - b. Maternal Heritability = 0.11

## Indicator Traits

1. Mature Cow Weight – 6,000 records
2. Scrotal Circumference
3. Ultrasound Back Fat
4. Birth Weight
5. Milk

## Fertility Index

Trait	Index Weight	Relative Weight	Correlation to Index
Heifer Preg	135.4	15%	50%
Stayability (2 YO)	110.5	10%	56%
Stayability (6YO)	65.7	6%	28%
Days to Calving	-6.9	15%	10%
Cow Weight	0.41	5%	0%
Scrotal Circumference	-10.7	5%	0%
Birth Weight Direct	1.27	2%	20%
Birth Weight Maternal	0.4	0%	0%
Weaning Weight	1.74	10%	28%
Milk	2.19	9%	-20%
Scan Fat	3400	23%	66%

# Terminal Index

## Economically Relevant Traits

1. Hot Carcass Weight
  - a. Carcass priced at \$187.5 cwt.
2. Marbling Score
  - a. Standard = -17
  - b. Select = -9
  - c. Choice = 0
  - d. CAB = 6
  - e. Prime = 24
3. Yield Grade
  - a. YG 1 = 4
  - b. YG 2 = 2.5
  - c. YG 3 = 0
  - d. YG 4 = -7
  - e. YG 5 = -14
4. Calving Ease (Direct and Maternal)
  - a. Distocia problem cost set to \$400.

## Indicator Traits

1. Weaning weight and yearling weight used as indicators to for carcass weight.
2. Ultrasound IMF used as indicator for marbling score.
3. Ultrasound back fat, ribeye area, and growth traits used as indicators to yield grade
4. Birth Weight used as indicator to calving ease.

## Index Weights

Trait	Index Weight	Relative Weight	Correlation to Index
Birth Weight direct	-5.66	24%	-11%
Birth Weight maternal	-3.85	10%	-11%
Weaning Weight	1.44	27%	60%
Milk	0.4	5%	0%
Yearling Weight	1.02	15%	60%
Scan REA	14.43	8%	49%
Scan Fat	-77.57	2%	-2%
Scan IMF	56.95	10%	23%