

MINISTRY OF LIVESTOCK AND FISHERIES



LIVESTOCK TRAINING AGENCY (LITA)

REPORT ON CENTRALIZED TRAINING OF ECF VACCINATORS IN TANZANIA

December, 2017

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ABBREVIATIONS

DVS	Director of Veterinary Service
ECF	East Coast Fever
LITA	Livestock Training Agency
RVCT	Registrar of Veterinary Council of Tanzania
USAID	United States Agency for International Development
VCT	Veterinary Council of Tanzania

ACKNOWLEDGEMENT

We appreciate USAID through International Livestock Research Institute (ILRI) for training of Livestock Training Agency (LITA) tutors, financial and materials support. We also thanks Veterinary Council of Tanzania (VCT) for accepting to register LITA to be a centre of excellence for training of ECF vaccinators in Tanzania. We sincerely thank the Director of Veterinary Service (DVS) for his technical support.

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1.0 BACKGROUND

Livestock Training Agency (LITA) is among the three Agencies of the Ministry Of Livestock and Fisheries. The Agency was established on the 1st day of September, 2011 under the Executive Agency Act No.30 of 1997 (RE 2009). It was established in order to address the recommendations of the Public Service Reform Programme (PSRP II) that require Agencies to execute non-policy Government functions on its behalf. LITA is responsible for conducting training in Animal Health and Production, carry out actual production, carry out Consultancies and Applied Research on the same.

LITA was endorsed as a centre of excellence to train the ECF vaccine delivery agents, the function which was formally performed by private sector. The move to endorse LITA as a centre for training vaccine delivery agents followed deliberations made on the two meetings which were held in Morogoro and Bagamoyo on 30 / 09 / 2016 and 27 -28/ 10 / 2016, respectively. Being a Government Institution that will ensure sustainability of the training programme, conformity of ECF training on vaccination with the ongoing course modules such as Livestock Diseases, Pharmacology, Parasitology were some of the reasons put forward to recommend endorsement of LITA as a centre for training ECF delivery agents in Tanzania.

In order for LITA to qualify to train ECF delivery agents it was compulsory to be registered by Veterinary Council of Tanzania (VCT), which was made on 29th September 2017 (**Appendix 1**). According to the Veterinary Act (2003), any Institution undertaking veterinary services must be registered by VCT. Furthermore, in order to comply to the Veterinary Act (2003), fifteen LITA tutors involved in the training of ECF delivery agents were trained for two weeks and three days in Nairobi and Tanzania, respectively, and later on the Registrar of Veterinary Council of Tanzania (RVCT) registered them as ECF delivery agent trainers (**Appendix 2**). The ECF training in Nairobi was conducted from 21st Aug – 1st Sept 2017 at Muguga and ILRI in Kenya and the trainees were trained on various lectures and practical skills pertaining to ECF and ECF immunization.

Training in Tanzania was conducted under supervision of vaccine distributors at Mbeya and Mwanza . Tutors from Buhuri, Temeke, Morogoro, Mpwapwa and Madaba Campuses attended training at Mbeya as from 25 - 27 / 09 / 2017 under the supervision of Dr. Mwakalukwa (Vet Life). While Tutors from Tengeru, Mabuki and Kikulula Campuses were supervised by Dr. Ngowi (AlfaVet/Farm Vet) and attended the ECF training at Mwanza as from 14 - 16 / 09 / 2017.

2.0 CENTRALIZED TRAINING OF ECF VACCINATION IN TANZANIA

2.1 Location of the training institute

The first centralized ECF training was conducted at LITA Tengeru Campus. The Campus is located 13 km from Arusha City and 1.5 km South of Arusha – Moshi road. The Campus offers two years diploma courses in Animal Health and Production (NTA 6) and Certificate course in Animal Health and Production (NTA 4-5). Also, the Campus offers intensive farmers training courses and carry out actual production of different animal species.

2.2 Official opening of the ECF vaccination training

The official opening of the training was done by Dr. Mary Mashingo, the Permanent Secretary – Livestock Sector of the Ministry of Livestock and Fisheries (MLF). Other guests who attended the official opening of the training include Mrs. M.E. Pallangyo, the Chief Executive Officer (CEO) of LITA, Dr. Amos Amore, representative of ILRI, Dr. Martin Ruheta Ag DVS, Dr. Hamza Mwamhehe, Deputy RVCT, Dr. Kejeri Gillah, Director of Production and Joseph Msemwa Campus Director, LITA Tengeru Campus. The Guest of honour gave her speech and emphasised the fact that ECF is a killer disease and that the Government of Tanzania expect to launch a national campaign of ECF Vaccination in February 2018. Furthermore, she urged the participants to take the lead on ECF vaccination campaign (**Appendix 3**). Thirty six (36) participants attended the training and among them male and female participants were 27 and 9, respectively (**Appendix 4**). The training on ECF vaccination was conducted as from on 8th to 10th December 2017.

2.3 Training methods

Participatory approaches were employed whereby trainers discussed with participants to get their experiences on ECF as a disease and immunization in particular. Training covered two days for theory and one day for practical skills (**Appendix 5**). Participants were able to learn by doing at the practical site and were able to vaccinate 40 animals. At the end of the training, course evaluation was done.

2.4 Certification and registration

Certificates of attendance were given by LITA to each participant at the end of the training (**Appendix 6**). However, certificate of registration as ECF vaccine providers will be issued by RVCT as stipulated in The Veterinary Act, 2003. The list of names of participants was submitted to RCVT for consideration and approval.

2.5 Linkage of ECF vaccinators with vaccine distributors

In order to ensure smooth running of the vaccination exercise in the country, RVCT and DVS were requested to develop mechanism to link the ECF vaccinators with the ECF vaccine distributors since RVCT and DVS have the authority as stipulated in The Veterinary Act, No. 16 of 2003 and the Animal Disease Act No.17 of 2003, respective. In due respect, participants were distributed into two groups based on ECF vaccine distributors as indicated in **Appendix 7**.

3. 0 RECOMMENDATIOIS AND FUTURE PLANS

ECF Vaccine is relatively expensive and needs some special facilities for storage and transportation. To support young graduates especially those who are not employed, it is recommended that ILRI could continue to ensure that ECF vaccines are available at subsidised rates. This will enable the vaccinators to continue with that activity and hence sustainability of the programme. In order to enhance the training, we recommend that ILRI should make regular follow – up to oversee the delivery of ECF vaccination trainings in the Tanzania. It is expected that after the successful pilot training at LITA Tengeru Campus, other trainings in other seven Campuses will follow after the end of the semester 2017.

4.0 CONCLUSION

The training was well done and all the training materials and equipments were procured prior the commencement of the training.

5.0 APPENDICES

Appendix I: LITA Certificate of registration as trainer of ECF vaccinators

THE UNITED REPUBLIC OF TANZANIA

VETERINARY COUNCIL OF TANZANIA



*Certificate of Recognition for Companies
Undertaking Veterinary Services*

Registration Number..... **VPC 6**

The Veterinary Council of Tanzania hereby certify that the Company in the name **LIVESTOCK**
TRAINING AGENCY (LITA), BOX 9152 DSM having satisfied the Veterinary Council of
Tanzania of entitlement to be Recognized was duly listed in the list of **Companies Undertaking**
Veterinary Services on the **29th** Day of **September** of
2017
the year.....

Rizwah
.....
CHAIRMAN
Veterinary Council of Tanzania

Date: **10th October 2017**

Masoudi
.....
REGISTRAR
Veterinary Council of Tanzania

Date: **10/10/2017**

NOTE: THIS CERTIFICATE REMAINS EVIDENCE OF RECOGNITION ONLY AS LONG AS THE HOLDER PAYS
* ANNUAL RETENTION FEE

Appendix 2: Tutors who attended ECF training in Nairobi

No	Campus	Number of selected tutors	
		Male	Female
1	Tengeru	3	0
2	Mpwapwa	1	1
3	Morogoro	1	1
4	Madaba	1	1
5	Buhuri	1	1
6	Mabuki	1	0
7	Kikulula	2	0
8	Temeke	1	0
	Total	11	4

Appendix 3: Hotuba ya Mgeni Rasmi Katibu Mkuu Dkt Mary Mashingo

HOTUBA YA MGENI RASMI KATIBU MKUU – MIFUGO DKT MARY S.H. MASHINGO WAKATI WA UFUNGUZI WA MAFUNZO KWA WATOA CHANJO YA NDIGANA KALI (ECF), KAMPASI YA TENGERU 8/12/2017

Ndugu

Mtendaji Mkuu
Msajili wa Baraza la Veterinari Tanzania
Kaimu Mkurugenzi wa Huduma za Afya ya Mifugo (DVS)
Mkurugenzi wa Uzalishaji - LITA
Mwakilishi ILRI
Mkurugenzi wa Kampasi ya Tengeru
Msambazaji wa Chanjo ya Ndigana Kali
Washiriki wa mafunzo
Waandishi wa habari
Mabibi na Mabwana

Awali ya yote napenda nianze kwa kuwasalimu na kuwakaribisha Kampasi ya Tengeru ambayo ni moja ya Kampasi nane zilizopo chini ya LITA na yenye uwezo mkubwa wa kudahili wanafunzi wengi kwa wakati mmoja.

Ndugu washiriki wa mafunzo, Kampasi ya Tengeru imekuwa Kampasi ya kwanza ya Wakala kuandaa na kuendesha mafunzo kwa watoa chanjo ya Ndigana kali. Hapo awali mafunzo kama haya yalikuwa yakitolewa na Sekta binafsi hususan wasambazaji wa chanjo ya Ndigana kali, ambao walithibitishwa na Serikali na kwa sasa wapo wanne nchi nzima ambao ni: Pharmavacs Limited, Vetlife Consultants Limited, Ronheam International Company na Dulle Veterinary Center.

Ndugu washiriki wa mafunzo, heshima ya Kampasi za LITA kutoa mafunzo kama haya ilitolewa kwa Wakala ili kuimarisha na kuboresha utoaji wa mafunzo hayo baada ya Wizara kubaini changamoto zilizojitokeza wakati wa utoaji wa mafunzo hayo na kulazimu kutumia taasisi ya Serikali kuanza kutoa mafunzo hayo. LITA ina sifa kwani Kampasi zake zina wakufunzi wenye uzoefu wa muda mrefu, vifaa vya kufundishia, maabara na miundombinu nyinginezo kama maabara, madarasa, hosteli n.k hivyo basi, nina imani kuwa Kampasi ya Tengeru itatoa mafunzo hayo kikamilifu.

Ndugu washiriki, mafunzo haya yamekuja wakati muafaka ambapo Wizara imeshaandaa Waraka wa uchanjaji wa mifugo nchini. Nina imani kuwa mara baada

ya kuhitimu mafunzo yenu mtakuwa moja wa wataalamu ambao mtahusika na kuhakikisha kuwa mifugo inachanjwa kwa kuzingatia maadili ya tiba ya mifugo. Niongeze kwa kusema kuwa uchanjaji wa mifugo dhidi ya Ndigana kali ni tofauti na uchanjaji unaofanyika kwa magonjwa mengine kwa vile uchanjaji wa ugonjwa huo hufanywa na wataalamu wa afya ya mifugo na wanaotambulika kisheria. Hii ni kwa sababu endapo utapoteza dozi moja ni sawa na kupoteza kiasi cha Tsh. 12,000 hadi 15,000. Kwa kuzingatia hilo, kila mtoa chanjo ya Ndigana kali na pia ni budi kusajiliwa na kutambuliwa na Msajili wa Baraza la Veterinari Tanzania.

Ndugu washiriki wa mafunzo, nafurahi kuwafahamisha kuwa mtapata mafunzo kutoka LITA Kampasi ya Tengeru ambayo tayari imesajiliwa na Baraza la Veterinari Tanzania baada ya kutimiza vigezo vya utoaji wa mafunzo hayo. Vivyo hivyo, nanyi baada ya kumaliza mafunzo Msajili wa Baraza la Veterinari Tanzania atawasajili na kuwapa vitambulisho vya utoaji chanzo ya Ndigana kali.

Ndugu washiriki, mafunzo mnayoyapata ni muhimu sana kwenu pamoja na taifa kwa ujumla. Kwa upande wenu, mafunzo haya yatawawezesha kujiendeleza kitaaluma (Continuous Professional Development) na kujiongezea sifa ya kitaaluma inayotambulika na Msajili wa Baraza la Veterinari Tanzania. Aidha, ujuzi mtakao upata utawasaidia kuweza kujiajiri wenyewe na kuajiri vijana wengine kwa kuwa utoaji wa chanjo hiyo utafanyika kibiashara ambapo mara baada ya mafunzo mtaunganishwa na wasambazaji wa chanzo hizo ili muanze kutoa huduma hiyo hivyo kupunguza vifo vinavyosababishwa na Ndigana kali.

Ndugu washiriki wa mafunzo, Ndigana kali ni ugonjwa tishio / namba moja kwa mifugo na unachangia vifo vya mifugo kwa asilimia **43**. Aidha, mkumbuke kuwa gharama ya kutibu ugonjwa wa Ndigana kali ni kubwa na inakadiriwa kuwa ni kati ya Tsh. **46,000 – 85,000** ambapo kiasi hicho ni kikubwa na wafugaji wengi wanashindwa kumudu gharama hizo. Pamoja na kuwa gharama za kutibu ugonjwa wa Ndigana kali zipo juu, lakini pia tiba hiyo haitoi suluhu ya moja kwa moja kama mnyama atatibiwa na kupona. Hivyo basi, kwa kuzingatia ukweli huo, uchanjaji mifugo dhidi ya Ndigana kali ni muhimu sana. Taarifa zilizopo zinaonyesha kuwa asilimia **98** ya ng'ombe waliopo ni wa asili na asilimia **2** ni ng'ombe walioboreshwa / wa kisasa.

Ndugu washiriki wa mafunzo, idadi ya mifugo iliyochanjwa hadi sasa ni asilimia tano - kumi na hii ni idadi ndogo sana. Moja ya sababu ya kuchanja mifugo michache huenda ni uwepo wa wachanjaji wachache au uhamasishaji duni wa wafugaji. Hii ina maana kuwa mafunzo mtakayoyapata yatachangia kuongeza idadi ya watoa chanjo ili kuwafikia wafugaji na mifugo mingi iweze kuchanjwa. Aidha, ili

mifugo mingi iweze kuchanjwa ni budi kuwaelimisha na kuwahamasisha wafugaji wakubali kuchanja mifugo ili kupunguza vifo vya mifugo.

Ndugu washiriki wa mafunzo, uchanjaji wa mifugo una faida nyingi ikiwa ni pamoja na kupunguza vifo vya mifugo, kupunguza siku za uogeshaji wa mifugo na hivyo kupunguza gharama za ufugaji. Pia, tafiti zinaonyesha kuwa ng'ombe waliochanjwa huwa wanakua vizuri na kuwa na kinga dhidi ya magonjwa kwa asilimia **95 – 98**.

Ndugu washiriki wa mafunzo, kama nilivyoeleza awali kuwa sio kila aliyesoma tiba ya mifugo anaruhusiwa kutoa chanjo ya Ndigana kali. Hivyo nitoe angalizo kuwa mara mtakapokamilisha mafunzo haya na kwenda kufanya kazi ya uchanjaji mifugo mnapaswa kuzingatia maadili ya utoaji chanjo hiyo. Epukeni kufanya udanganyifu chanjo chanjo iliyo sahihi na kwa kiwango kinachoshauriwa, kwani kwa kufanya hivyo kutaijengea heshima taaluma ya mifugo nchini. Aidha, chanjo inatakiwa itunzwe kwenye hali ya baridi inayopendekezwa ili iweze kufanya kazi inayotarajiwa. Msajili wa Baraza la Veterinari afuatilie zoezi zima la utoaji chanzo ili kubaini kama linafanyika kwa kuzingatia maadili ya tiba ya mifugo. Pia, namuagiza Msajili kuchukua hatua kwa yeyote atakaye bainika kutoa chanjo kinyume na maadili na sheria ya Veterinari ya mwaka 2003.

Ndugu washiriki wa mafunzo, natambua uwepo wa wahisani na washiriki mbalimbali waliosaidia utoaji wa mafunzo ya watoa chanjo nchini. Kipekee, napenda kuwashukuru USAID, kupitia Taasisi ya Kimataifa ya Utafiti wa Mifugo (ILRI) kwa kuwezesha wakufunzi wa LITA kupata mafunzo ya utoaji chanjo ya Ndigana kali jijini Nairobi na pia nchini. Aidha, naishukuru Taasisi ya GALVmed kwa misaada yao ya hali na mali katika kusaidia utekelezaji wa upanujaji wa utoaji chanjo ya Ndigana kali. Pia, niwashukuru wasambazaji wa chanjo waliopo nchini kwa kazi nzuri na niwaombe waendeleo na kazi hiyo njema.

Mwisho kabisa lakini sio kwa umuhimu, nimshukuru CEO, DVR, RVCT, Dr Mwakalukwa wa Vetlife anayeiwakilisha ILRI, Mkurugenzi wa Kampasi ya Tengeru ambaye ni mwenyeji wa mafunzo haya pamoja na timu ya LITA Makao Makuu na Kampasi ya Tengeru kwa kuandaa mafunzo haya. Aidha, nawatakia washiriki mafunzo mema.

**ASANTENI SANA KWA KUNISIKILIZANA SASA NATAMKA MAFUNZO
YENU YAMEFUNGULIWA RASMI**

Appendix 4: List of participants of ECF training held at LITA Tengeru Campus

LITA TENGERU CAMPUS

LIST OF PARTICIPANTS FOR ECF TRAINING HELD ON 8TH – 10TH DECEMBER 2017

S/NO	FULL NAME	ADDRESS	MOBILE NO.	Email Address	SIGNATURE
1.	LUKE ELKANA BIRILWA	P.O BOX 491 BUREBA	0764-056926	lukekey@gmail.com	
2.	ASANTERABI O. URUSA	462 USA RIVER	0754685589	rabinurasa@gmail.com	
3.	PETER N. KANGA	3101 KRUUSA	0753 393019	peteyugusa@gmail.com	
4.	JUMA M. BUHARI	344 19 th ST	0753 222332	jumaro090@gmail.com	
5.	SABINATE H. KARUNDE	P.O.Box 224 BASHI	0652975555	Sabinatekarunde117@gmail.com	
6.	DACKIAN M. KIVONO	P.O.Box 92 MURURI	0717562135	mkenyachuckline@gmail.com	
7.	CATHERINE C. KILINDA	P.O.Box 4 AREGA	0754 081447	Cathygouge14@gmail.com	
8.	FELISTER M. MATTO	P.O. BOX-3101	0655640223	-	
9.	EDWIN R. MUMBA	462 USA RIVER	0765832589	edwinr@gmail.com	
10.	ABDUL MASSANGWA	Box 11904 AREGA	0754480282	abdul@vahoo.com	
11.	THEODORUS T. ONGEMBA	P. O. Box 46 USA	0755 75562	thadeothobard@gmail.com	
12.	LILIAN A. SANGWE	P.O.Box 3101	0753 315830	lilianangwe@yahoo.com	
13.	JOHN K. LEMUNU	P.O. BOX 3101	0764131616	lita_tengeru	
14.	SARA F. MWUNGI	P.O. Box 3101	0765899709	Sarawungi@gmail.com	
15.	Dr Charles E. Miguu	462 USA-RIVER	0766645773	dimiguucharles@gmail.com	
16.	MUHARRAM R. TANZE	Box 462 USA-RIVER	0767 811170	muhammadtanze@gmail.com	
17.	RHOBI CHARLES MWITA	P.O.Box 1288 KUSA	0763442199	rhobicharles@yahoo.com	
18.	THOMAS K. GEORGE	P.O. Box 237 USA-RIVER	0765-820284	-	
19.	YONA L. SEMADINGA	P.O. Box 3101	0785583057	semadinga2@gmail.com	
20.	CHRISTOPHER M. MAMBO	462 USA RIVER	0752 346600	chrismambo@gmail.com	
21.	LEA EUGENI LYINDO	442 BABATI	0769-930080	leuonaticalia@yahoo.com	
22.	LIBERATHA P. PASICAL	51 RUANGWA	0766224709	liberathap3@gmail.com	
23.	DAUD OMARY LINGOO	-	0766737542	lingoodaud1@gmail.com	
24.	EMANUEL S. KESSY	P.O. box 304 AREGA	065944307	Emmanuelkissy35@gmail.com	
25.	VICENI A. SWALEHE	P.O. box 16 NEWA	0654046920	Vswalehe@gmail.com	
26.	MARKO NJUJA	P.O. box 557 USA-RIVER	0674460333	Marko.njuja32@gmail.com	
27.	DR Yohana MUBEL KWINE	P.O. Box 237 USA-RIVER	0625758765	ushanacustam@gmail.com	

28.	ELIBORIKI EDWARD MARALA	612 SIMON	0755-201919	eliborikidwale@gmail.com	Eliboriki
29.	KILIASI MAILAI MOLA	3101 ARUSHA	0765-390607	mouelkisasi@gmail.com	Kiliasi
30.	Dr. GALIBONA, M. Pwema	342 MWAHA	0764990445	marcelgalibona@gmail.com	Galibona
31.	Dr. THOMAS H. MAYAM	3101 ARUSHA	0766099121	thomasmayam@gmail.com	Thomas
32.	Dieben ZAKARIA	3101 ARUSHA	0762589967	diebenzakaria@gmail.com	Dieben
33.	Eric Gelfing Kungu		0755880037	ericgelfing@gmail.com	Eric
34.	NEENA-G. MAKUNDI	3101 ARUSHA	085978545	neenamakundi@gmail.com	Neena
35.	JONAS PIUS DANIEL	3101 ARUSHA	0758712330	jonaspilus@gmail.com	Jonas
36.	JERRY RONDA MONGI	306 MOROGORO	0714350419	dimongijerry@gmail.com	Jerry
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Appendix 5: Training Schedule for ECF Vaccinator Course from 8th to 10th

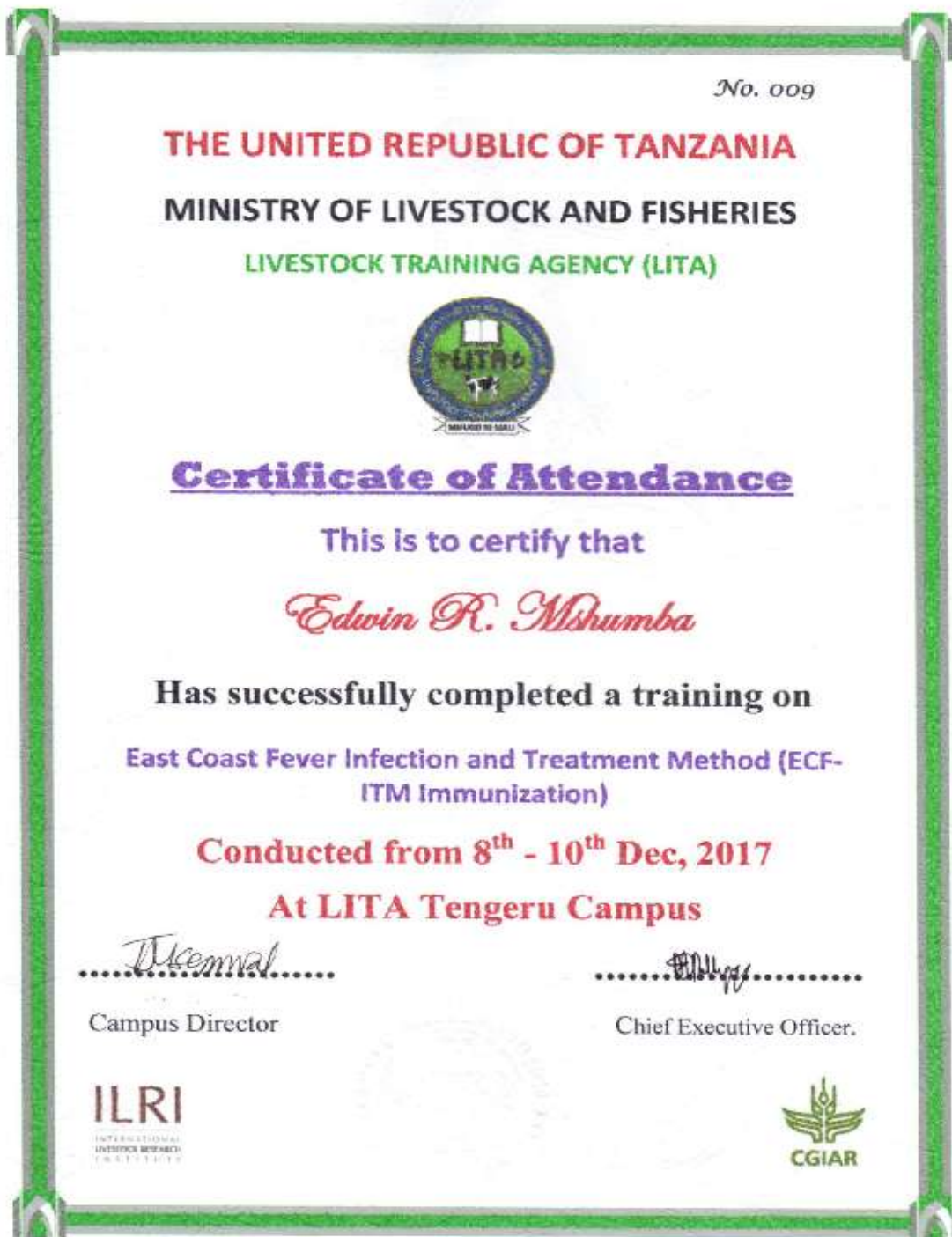
Dec,2017

Venue: LITA Tengeru Campus

DAYS	TIME	TOPIC	PRESENTER
DAY ONE	8:00-10:00 AM	• OPENING OF ECF IMMUNIZATION TRAINING COURSE	PERMANENT SECRETARY
		• EAST COAST FEVER AND OTHER TICKBORNE DISEASES	DR. M.L. LUGELONGI
	BREAK		
	10:30AM-1:00 PM	• ECF IMMUNIZATION TECHNIQUES (ITM) • CAUSES OF APPARENT VACCINE FAILURE	DR. S.A. CHIAMBA
	2:00-2:30 PM	• CODE OF ETHICS DURING ECF VACCINATION	VCT REPRESENTATIVE
	3:00- 4:00PM	• ECF IMMUNIZATION AS A BUSINESS (ECONOMIC BENEFITS OF ECF IMMUNIZATION)	DR. NDELINGO NGOWI (ALFA VET)
DAY	8:00-10:00 AM	• LYMPH AND BLOOD SMEARS PREPARATION (PRACTICAL)	MR. JOHN DAUDI
	BREAK		
	10:30 AM - 12:30PM	• LYMPH AND BLOOD SMEARS EXAMINATION	MR. JOHN DAUDI/ DR. S.A. CHIAMBA

DAYS	TIME	TOPIC	PRESENTER
TWO		(PRACTICAL)	
	BREAK		
	2:00-3:00 PM	• TICK IDENTIFICATION (PRACTICAL)	MR. JOHN DAUDI/ DR. LUGELONGI
	3:30- 4:15PM	• VACCINATION ORGANIZATION AND RECORDS (PREP FOR PRACTICAL)	DR. S.A. CHIAMBA
DAY THREE	8:00AM- 4:00 MP	• ECF IMMUNISATION (FIELD PRACTICAL- MONDULI)	MR. JOHN DAUDI/DR. CHIAMBA/DR. LUGELONGI

Appendix 6: Certificate of attendance issued to participants



Appendix 7: Groups of ECF training participants according to ECF vaccine distributors

Group 1: AlfaVet/Farm Vet (Dr. Ngowi)

No.	NAME	PHONE NO
1.	John Kasade Lemtunde	0786 - 121313
2.	Thomas K. George	0765 - 820284
3.	Peter N. Kanga	0753 - 393019
4.	Kilasi N. Mollel	0765 - 390607
5.	Theobard T. Ongamage	0753 - 753662
6.	Edwin Rwechungula Mshumba	0765 - 832589
7.	Elibariki Edward Makala	0755 - 301919
8.	Muharram Ramadhani Tsanze	0767 - 811170
9.	Abduel Joel Massangwa	0754 – 480282 0784 - 480282
10.	Marko Faust Isuja	0768 - 516450
11.	Dr Thomas H. Mayani	0766 – 099121 0659 - 098121
12.	Rhobi Charles Mwita	0763 – 442199 0788 - 234790
13.	Luke Elkana Birushya	0764 – 086986 0625 - 915688
14.	Lilian Adelad Sangawe	0753 - 315030
15.	Diodona Zakaria	0762 - 589467
16.	Juma Maro Buhuru	0753 - 222332
17.	Sabinate H. Karunde	0652 – 975555 0769 - 835023
18.	Catherine G. Kushoka	0754 - 081447
19.	Charles E. Msigwa	0766 - 645773
20.	Felister M. Matto	0655 - 640123
21.	Lea Eugeni Lyimo	0769 - 930080
22.	Asanterabi O. Urassa	0754 - 685589
23.	Sara F. Mvungi	0765 - 897709
24.	Dr. Yohana M. Kiwowe	0763 – 268324 0625 - 758745
25.	Christopher M. Mambo	0752 - 346600
26.	Neema Geofrey Makundi	00659 - 787545

No.	NAME	PHONE NO
Group 2: RONHEAM INTERNATIONAL CO.LTD (Dr. Mbwire)		
1.	Dackian M. Kavano	0717 - 563138
2.	Jerry Ronadl Mongi	0714 - 350419
3.	Yona Luckxford Semadinga	0785 - 593037
4.	Daud Omary Lingoo	0766 - 737542
5.	Jonas Pius Daniel	0758 - 712330
6.	Vicent Patrick Swalehe	0654 - 046920
7.	Liberatha Pontion Paschal	0767 - 224709
8.	Eric Godfrey Kapaga	0755 – 80537 0655 - 880537
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