| **Ser** | **Time** | **Activity** | **Loc** | **Change header** | **Remarks** |
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| 1 | **Mon 31 July** 8.00-9.00 | Students Assemble at Brentwood Hotel, Wellington. | Brentwood | All | Attendees check in. Arrival tea/coffee required. |
| 2 | 9.00-9.15 | Morning Tea. | Brentwood | All | Morning Tea required. |
| 3 | 9.15-9.45 | Course Admin and Introduction. Course Objectives. | Brentwood | Monica Singe (SMS) & JR Gardner (Consultant) |  |
| 4 | 9.45-10.15 | Assessment – Quick Fire Starter for Ten. | Brentwood | JR Gardner | Review of Pre-Course Study. |
| 5 | 10.15-10.50 | Planning for Health at the Border (including ITOC roles). | Brentwood | Sally Giles (Te Whatu Ora and Brendan Dalton (Te Whatu Ora) | Planning for health at the border. |
| 6 | 10.50-12.00 | Key Agencies – representatives from Maritime NZ and MPI to talk about roles and responsibilities. | Brentwood | TBC  (Maritime NZ) &  Cassandra Halligan (MPI) | Overview of MPI and NZ Maritime’s operations. What to do when an interception of risk goods occurs e.g. exotic mosquito interception. What arrangements/liaisons are activated including processes to deal with the interception. How to manage the response, local requirements. |
| 7 | 12.00-12.30 | Lunch. | Dining Room | All | Lunch required. |
| 8 | 12.30-2.00 | Border Health:   * Introduction to legislative frameworks. * IHR, NZ legislation.   Ship Sanitation overview. | Brentwood | Rob Smith (Allen & Clarke) | Refer to Border Health Section 5 of EH Manual. |
| 9 | 2.00-3.00 | Biosecurity Act – powers, duties, responsibilities, practical exercises. | Brentwood | JR Gardner & Marie Scott (Inskill) |  |
| 10 | 3.00-3.15 | Afternoon Tea. | Brentwood | All | Afternoon Tea required. |
| 11 | 3.15-4.15 | Biosecurity Act continued:  Biosecurity responses - use of powers.  Transitional Facilities as a risk pathway. | Brentwood | JR Gardner & Marie Scott |  |
| 12 | 4.15-4.30 | Review of Day 1 – International Medical Guide Quiz. | Brentwood | JR Gardner | Quiz – introduction to the International Medical Guide Chapter 29. |
| 13 | 6.30- | Dinner. | Dining Room | All | Dinner required. |

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| **Ser** | **Time** | **Activity** | **Loc** | **Resp** | **Remarks** |
| 14 | **Tues 1 Aug**  8.00-9.00 | **Biosecurity Assessment.** | Brentwood | All | Assessment papers required. Open book assessment. |
| 15 | 9.00-9.30 | Competent Authorities. | Brentwood | Sally Giles |  |
| 16 | 9.30-10.15 | IHR Core Capacities – designated point of entry verification: process, reporting, roles and responsibilities, assessment criteria, application, NFP. | Brentwood | Sally Giles and Rob Smith | Including audit of airports and seaports. |
| 17 | 10.15-10.30 | Morning Tea. | Brentwood | All | Morning tea required. |
| 18 | 10.30-11.30 | Pratique: Maritime/Aviation.  Reviewing legislation and practical exercises. | Brentwood | Sally Giles and  Rob Smith |  |
| 19 | 11.30-11.50 | Drinking Water on Ships 101. | Brentwood | Kathryn Jessamine (Te Whatu Ora) |  |
| 20 | 11.50-12.20 | Lunch. | Dining Room | All | Lunch required. |
| 21 | 12.20-1.45 | S-Methoprene rules.  Introduction to Medical Vectors.  Mosquitoes: Health impact and biology.  Mosquito situation in New Zealand. | Brentwood | Sally Giles, Mariana Musicante (NZ BioSecure) & Carolyn Edgecumbe (NZ BioSecure) | Interactive, group seating, mosquito morphology – larvae, pupae and adults. |
| 22 | 1.45-3.30 | Mosquito surveillance: Sampling and trapping, best practices explained and trap demonstration. | Brentwood | Mariana Musicante, Carolyn Edgecumbe & Lachlan Gilbert (NZ BioSecure) | Theory and discussion. Familiarisation with equipment and processes.  Tables arranged in a U shape. Trapping and sampling equipment required.  How to process traps documents to handout required. |
| 23 | 3.30-3.45 | Afternoon Tea. | Brentwood | All | Afternoon tea required. |
| 24 | 3.45-4.45 | Mosquito sample collection and handling. Data recording and input. | Brentwood | Carolyn Edgecumbe, Mariana Musicante & Lachlan Gilbert | Group seating, processing adult and larval mosquito samples practice. Larval samples collected from last session required. Mosquito processing kit required.  Entering samples into the online database. Computer per person required. |
| 25 | 4.45-5.00 | Review of Day 2. | Brentwood | JR Gardner | Quiz. |
| 26 | 6.30- | Dinner. | Dining Room | All | Dinner required. |

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| **Ser** | **Time** | **Activity** | **Loc** | **Resp** | **Remarks** |
| 27 | **Wed 2 Aug**  8.00-8.30 | How to take a photo of a mosquito. | Brentwood | Mariana Musicante | Macro lens, torch and smart phone required. |
| 28 | 8.30-8.40 | Transport to Wellington Airport. | Transit | All | Transport required. (Private vehicles or shuttles). |
| 29 | 8.40-10.30 | RPH Mosquito surveillance Programme airside, landside trap placements, Competent Authority role, port sanitation, interagency activities. | Airport | Madison Ryan (Te Whatu Ora - Wellington) |  |
| 30 | 10.30-10.40 | Transport back to Brentwood Hotel. | Transit | All | Transport required. (Private vehicles or shuttles). |
| 31 | 10.40-11.30 | RPH Introduce and discuss surveillance programmes at Wellington airport and port. | Brentwood | Madison Ryan |  |
| 32 | 11.30-12.30 | Other medical vectors relevant to SSC (rats, cockroaches, bedbugs). | Brentwood | Steve Hunn (NZ Defence Force) | Biology, habitat and control. Integrated Pest Management Plans. |
| 33 | 12.30-1.00 | Lunch. | Dining Room | All | Lunch required. |
| 34 | 1.00-1.30 | Food safety competency required to undertake. | Brentwood | Steve Hunn |  |
| 35 | 1.30-3.00 | Case study – SSC & Vector scenario. | Brentwood | Sally Giles | Using case study. |
| 36 | 3.00-3.15 | Afternoon Tea. | Brentwood | All | Afternoon tea required. |
| 37 | 3.15-4.00 | Case study – SSC & Vector scenario continued. | Brentwood | Sally Giles | Using case study. |
| 38 | 4.00-4.15 | Review of Day 3. | Brentwood | JR Gardner | Quiz. |
| 39 | 4.15-5.15 | **Assessment Exercise (Medical Vectors).** | Brentwood | All | Open Book Assessment. |
| 40 | 6.30- | Dinner. | Dining Room | All | Dinner required. |

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| **Ser** | **Time** | **Activity** | **Loc** | **Resp** | **Remarks** |
| 41 | **Thurs 3 Aug**  8.00-9.00 | Maritime Familiarisation. | Brentwood | JR Gardner | * Ship Recognition Quiz. * Hazards and Safety Plans.   PPE and Personal Protection. |
| 42 | 9.00-9.45 | SSC Inspection Phase 1:   * Introduce ship survey (practical). * Develop an inspection plan considering realistic time for implementation, then back brief DS. * Risk assessment. * Prepare admin arrangements and logistics for inspection of ships and issuance of SSC. * Communicate the procedures of ship sanitation inspection and certification and the plan to relevant stakeholders.   Compile and collate documentation for organising an inspection including previous inspection reports. | Brentwood | JR Gardner | This phase leads into:   * Conduct of an SSC Inspection. * Planning. * Preparation. * Reporting. * Sample taking. * Ensure reference to manual use of checklist forms. |
| 43 | 9.45-10.45 | Planning 101 | Brentwood | JR Gardner |  |
| 44 | 10.45-11.00 | Morning Tea. | Brentwood | All | Morning tea required. (Check that students have all PPE required for site visit). |
| 45 | 11.00-11.30 | Transport to Ship Inspection | Transit | All | Transport required. **Bagged lunches required.** |
| 46 | 11.30-1.30 | Ship Inspection (or mock ship inspection at hotel) | Port | All | Safety induction may be required. Visit ship and in groups plan for/undertake SSC inspection noting (using SCC Handbook checklist) any non-compliances. Visit galley, sick bay, dry goods store, Master’s Office, ablutions etc. Have Brentwood as backup location (will need lunch at hotel in this case). |
| 47 | 1.30-2.00 | Transport from port to hotel | Transit | All | Transport required. |
| 48 | 2.00-3.15 | Discussion of Control Codes Exercise – feedback from mock ship inspection, lessons learned tests on SSC and Evidence forms. | Brentwood | JR Gardner |  |

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| 49 | 3.15-3.30 | Afternoon Tea. | Brentwood | All | Afternoon tea required. |
| 50 | 3.30-5.00 | Ship Visit Write Up Assessment and discussion. | Brentwood | All | 2 syndicate groups to report back. Complete a sample evidence report and issue a SSC Exemption Certificate or Control Certificate. |
| 51 | 6.30- | Dinner. | Dining Room | All |  |

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| **Ser** | **Time** | **Activity** | **Loc** | **Resp** | **Remarks** |
| 52 | **Fri 12 Aug**  -8.00 | Breakfast and Administration: Rooms to be cleared, keys returned to reception and personal purchases paid for (mini bar, phone calls etc). | Reception | All |  |
| 53 | 8.00-9.00 | **Border Health and SSC Final Assessment.** | Brentwood | All | Assessment papers required. Open book assessment. |
| 54 | 9.00-9.15 | Ill Traveller “Game” – brief students. | Brentwood | JR Gardner |  |
| 55 | 9.15-9.45 | Ill Traveller “Game” – Task 1: pre-aircraft landing activities. | Brentwood | All | Syndicates discuss the actions to be taken prior to the aircraft landing in Wellington. |
| 56 | 9.45-10.05 | Ill Traveller “Game” – Back brief Task 1. | Brentwood | All | Syndicates present options and preferred course of action. |
| 57 | 10.05-10.20 | Morning Tea. | Brentwood | All | Morning tea required. |
| 58 | 10.20-10.50 | Ill Traveller “Game” – Task 2: Action on landing aircraft. | Brentwood | All | Syndicates discuss the actions to be taken when the aircraft lands in Wellington. |
| 59 | 10.50-11.10 | Ill Traveller “Game” – Back brief Task 2. | Brentwood | All | Present options. |
| 60 | 11.10-11.40 | Ill Traveller “Game” – Task 3: Recovery. | Brentwood | All | Group discussion and wrap up. |
| 61 | 11.40-12.05 | Review of Day 5, summation of course and feedback participant reports. | Brentwood | JR Gardner |  |
| 62 | 12.05-12.35 | Lunch. | Dining Room | All | Lunch required. |
| 63 | 12.35- | Disperse to home locations. | Brentwood | All | Shuttle transport required. |