

# Seafood projects



## Summary of Feedback, Responses and Actions

### Aquaculture, Fishing Operations & Biosecurity project and Seafood Post Harvest Project

September 2018

This project includes 15 new and 98 revised units of competency within the Seafood Industry Training Package. The Aquaculture, Fishing Operations and Biosecurity Project has cross over with the Post-Harvest Project – all feedback information has been combined in this document.

Draft materials were developed as a result of initial input from industry representatives, seafood industry associations and subject matter experts. Drafts were made available for broader stakeholder feedback between 20 July and 19 August 2018. During this time, feedback was received via email, the online feedback hub and telephone. As a direct result, a number of changes were made to the documents under review. Most notably:

- Four new biosecurity units have been developed, one for each qualification level
- Four new units have been developed to address specialist skills in advanced aquaculture practices and technologies.
- Three new Sales and distribution units have been developed regarding marketing opportunities and products
- Two new processing units have been developed regarding hygiene, sanitation and waste strategies
- One new storage unit has been developed to address temperature controlled stock
- One new work health and safety unit has been developed to meet health and safety requirements in the seafood industry
- Four new skill sets have been developed; Basic Aquatic Biosecurity, Aquatic Biosecurity, Crocodile handling and processing and Aquaculture chemical skill set
- Units that were originally proposed for deletion due to low/no enrolments in recent years, but that stakeholders have indicated support to keep, have been redeveloped
- Some units have had a code and title change to reflect current industry terminology. Further code changes may occur once validation stage has been completed to improve flow of unit codes and to remove code gaps

The information below lists all the issues raised during the broad industry feedback and how these issues have been addressed. Resolutions were constructed to take into account the needs and views of stakeholders to the extent possible and to comply with the Standards for Training Packages. The resolutions may represent a compromise on one or more stakeholder views with the aim of a functional outcomes for industry, State and Territory Training Authorities (STAs) and training providers.

The documents have been updated to reflect this feedback and are now available to view and validate on the Skills Impact website until 8 October 2018.

**Please note: additional feedback is being sought regarding units that were proposed for deletion (due to low or no enrolments over the past three years according to NCVER data) as part of the Validation process.**

## Summary of feedback on qualifications

### General comments about qualifications

| Stakeholder Comments and Identified Issues                                    |  | Consideration and Proposed Resolution   |
|---|--|---|
| <b>General comments about qualifications</b>                                  |  |   |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                  | <p>Blanket changes required for nearly all Cert II Aquaculture units re: data sheets - data sheets are not always required</p> <p>Check equipment for serviceability - Repairs is covered in a repairs unit -Calibrations coming up in every single unit whether it is applicable or not - suggests simplifying</p> <p>Clean work area and dispose of waste materials safely..... this is too long - suggests AHC unit wording</p> <p>Foundation Skill - Use functions and features of digital recording.....take out</p> <p>Assmt Conditions - Manufacturer's instructions..... take out across the Board</p> | All feedback adopted  |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                  | <p>Aquaculture need more work on the course descriptions across all units - suggests taking out 'put&amp;take operations' and broadening work environment. Agrees delete Certificate I but keep SFIAQUA102.</p>  | Actioned  |
| <ul style="list-style-type: none"> <li>• Industry association, NSW</li> </ul> | <p>Provided NCVER data 2014-2017 enrolments for Sales and Distribution compared to Processing at National level.</p>   | SFI Sales and Distribution and Seafood Processing qualifications have merged and retitled Seafood Post Harvest Operations.                            |
| <b>SFI Sales and Distribution qualifications</b>                              |  |   |
| <ul style="list-style-type: none"> <li>• Industry association, NSW</li> </ul> | <p>Concerns about deleting SFI Sales and Distribution qualification. Calling the qualification 'Processing' doesn't reflect job description as processing low compared to Sales and Distribution. Attached details of enrolments/completions for SFI40611 Cert IV Seafood Industry Sales and Distribution.</p>   | SFI Sales and Distribution and Seafood Processing qualifications have merged and retitled Seafood Post Harvest Operations. They are deemed equivalent |

## Certificate I Qualifications

| Stakeholder Comments and Identified Issues        |  | Consideration and Proposed Resolution   |
|---|--|---|
| <b>SFI10118 Certificate I in Seafood Industry</b> |  |   |
| • ITAB  | I remain unconvinced that there is any occupational/vocational/employment outcome for this Cert. If there are equity groups that need introductory training then they should undertake selected units and achieve a Statement of Attainment or work towards one. | The Certificate I is a preparatory qualification supported by industry. The units of competency are based on skills that are applied in the workplace.      |
|   | If there is no vocational outcome, why is the Cert 1 limited to these Units? Surely 'industry' should be free to select any SFI Units.   | The qualification structure and content is supported by the majority of stakeholders. The packaging rules allow for one unit to be imported from elsewhere. |
|   | At least this is a step in right direction.  | No action   |

## Certificate II Qualifications

| Stakeholder Comments and Identified Issues    |  | Consideration and Proposed Resolution  |
|---|--|--|
| <b>SFI20118 Certificate II in Aquaculture</b> |  |  |
| • RTO, NT                                     | The use of units from other training packages, particularly as core units, is potentially problematic as changes to training packages occur.   | The use of imported units in the core has been revised due to other similar feedback |
| • RTO, NSW                                    | fishout/put & take operations is minor – can we just call it aquaculture farms?! Processing plants aren't usually post-harvest holding facilities – just leave it at post harvest holding facilities. Also add aquarium wholesalers or retailers | Application statement revised  |

| Stakeholder Comments and Identified Issues                                     |  | Consideration and Proposed Resolution  |
|--|--|--|
|  | <p>Why single out fish – NSW largest component is oysters, QLD prawns are huge. Workers in aquarium industry or hatcheries aren't referred to as farm hands, other job titles are aquaculture technician and the award calls the job aquaculture attendant.</p> <p>Handling and monitoring stock is only 1 part of the job – and may only be a minor part.</p> | Application statement revised  |
|  | Agree with 27 (below) as long as SFIBIO201 is able to be used in all types of production systems.  | SFIBIO201 has been added as a core   |
| <ul style="list-style-type: none"> <li>Industry representative, QLD</li> </ul> | Basic biosecurity should be a Core Unit.   | SFIBIO201 has been added as a core   |
| <b>SFI20518 Certificate II in Seafood Processing</b>                           |  |  |
| <ul style="list-style-type: none"> <li>STA, VIC</li> </ul>                     | SFIPRO101 <i>Clean fish</i> should not be core. Wholesalers who are not processing or anyone working with crustacean eg cooking and packing on a prawn farm won't do this unit.  | SFIPRO101 <i>Clean fish</i> has been removed from the core units                           |
|  | Broaden – process, sales & distribution workers, need to include transport in the descriptions somewhere (also in CII course)  | Application statement revised  |
|  | As per clarification bulletin 1; 'as "equivalence" relates to job outcomes it is for industry to decide whether the new product has an equivalent outcome to its predecessor' Noting core units have increased what evidence is available to indicate industry has agree to equivalent job outcome?  | Qualification equivalence relates to job outcomes being the same as determined by industry |

## Certificate III Qualifications

| Stakeholder Comments and Identified Issues     |  | Consideration and Proposed Resolution   |
|--|--|---|
| <b>SFI30118 Certificate III in Aquaculture</b> |  |   |
| • RTO, NT                                      | Does this specialisation still require the completion of 5 Group A elective units? i.e. does it replace point 2 and 3 in the above packaging rules? This needs to be clarified as the packaging rules above indicate that only 4 units from Group C may be used and may prove confusing. Suggest the following wording “at least 5 elective units listed in Group A; a minimum of 8 electives from Group C must be selected for the award of the Certificate III in Aquaculture (Vessel Operations)”                                       | Packaging rules revised and amended for clarity   |
|  | FBPFSY3002 – This unit does not exist on TGA 25/7/18. Serious problems with including units from other training packages as named electives when not yet endorsed.   | This unit has been updated as part of the FBP Training Package and is close to submission |
| • RTO, NSW                                     | All Cert 3 units – application – query regarding ‘responsibility<br>They can be leading hands and work semi autonomously so arrange or coordinate jobs that they don’t need to do themselves, but are responsible for making sure they are done. They don’t necessarily provide supervision and feedback as such. Most of this has already come out which is good. But still in some PCs/ performance evidence it says “supervise... “ or “provide feedback” would be better to say coordinate or arrange and participate in a debrief etc | Adopted   |
| • Industry representative, QLD                 | ensure safety is in all units at all levels, add 'maintaining feed quality control on a farm to Cert 3. Also include Skill Sets about building effective working relationships, team work at Cert 3 level.   | Feedback checked against unit. Content already covered                                    |
| • Industry representative, QLD                 | SFI30118 - Biosecurity MUST be a core unit for Cert 3  | Actioned  |

| Stakeholder Comments and Identified Issues |  | Consideration and Proposed Resolution    |
|--|--|--|
| • RTO, NT                                  | Good addition to the qualification as it is applicable to students needing to have NC coxswain licences  | Thank you! No action required.           |
|  | AHCLSK319 Already listed under Group A elective units  | AHCLSK319 removed based on comment below |
|  | Code correction – should be MARB027  | Amended                                  |
|  | Suggest adding AHCCHM304 Transport and store chemicals. This unit in combination with AHCCHM303 forms the chemical use accreditation licencing requirements delivered by SMARTtrain, ChemCert, AusChem, etc.   | Electives added                          |
|  | AHCLSK319 – This unit is more appropriate to cattle / sheep, etc. P.C. 2.2 and 2.3 in particular. For example, Barramundi are not slaughtered by severing artery and bleeding out. Not appropriate to hang the carcasses   | AHCLSK319 removed                        |
| • RTO, NSW                                 | see comments CII re fish<br>Also commonly called Aquaculture technicians.<br>Add aquarium industry to work env   | Application statement revised            |
|  | Suggest consulting with aquarium industry BUT an aquarium operations (or ornamental) elective group add following electives <ul style="list-style-type: none"> <li>• ACMCAS305 Maintain aquascapes &amp; aquatic animals</li> <li>• ACMCAS303 Provide advice in the selection &amp; care of aquatic animals</li> <li>• SIRRMER001 Produce merchandising displays or coord level unit in displays</li> </ul> Plus operate retail technology type unit if they work in an aquarium shop. | Electives added                          |

| Stakeholder Comments and Identified Issues                                     |  | Consideration and Proposed Resolution                                   |
|--|--|---|
| <ul style="list-style-type: none"> <li>Industry representative, QLD</li> </ul> | Biosecurity MUST be a core unit for a cert 3   | SFIBIO301 has been added as a core                                      |
| <b>SFI30518 Certificate III in Seafood Processing</b>                          |  |   |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                     | Processing, sales & distribution sector.   | Application statement revised   |
|  | take out "process"   | Application statement revised   |
|  | <p>Would be good to include the new version of SFIFISH209C Maintain the temp of seafood as it is integral to handling seafood. Also change the name of the quals to be more inclusive of all sectors – eg Seafood Post harvest operations</p> <p>Also I think it needs the TLI101A shift materials using manual handling methods as that is widely done by workers the CIII is used generally as entry level so needs these essential skills</p> | <i>SFIXSI209 Maintain the temperature of seafood</i> added to electives |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                     | Editing suggestions to <i>SFIXSI209 Maintain the temperature of seafood</i> to make it more relevant for all sectors   | Minor edits made to foundation skills, PE, KE and AC fields             |

## Certificate IV Qualifications

| Stakeholder Comments and Identified Issues    |   | Consideration and Proposed Resolution   |
|---|---|---|
| <b>SFI40118 Certificate IV in Aquaculture</b> |   |   |
| • RTO, NSW                                    | Please add back the aquaculture technical units – water quality is really important, as is health and nutrition. Without these you can't select enough aquaculture units to make it a meaningful certificate.   | SFIAQUA402C – 411C to be redeveloped and inserted in Certificate IV based on further consultation |
| • Industry representative, QLD                | Biosecurity MUST be a core unit for a cert 4.   | SFIBIO401 has been added as a core  |
| • RTO, NSW                                    | Level 4 units – take out across the board element 1 assess and recommend options for mechanization or automation of process or activity, including the use of specialized contract services. Large farms may already be mechanized and it isn't always appropriate and rarely are specialized contract service available. | Actioned  |

## Diploma Qualifications

| Stakeholder Comments and Identified Issues |   | Consideration and Proposed Resolution   |
|--|---|---|
| <b>SFI50118 Diploma of Aquaculture</b>     |   |   |
| • RTO, NSW                                 | If students are not involved in the construction and establishment of a new aquaculture business it is hard to do some of these units in group A where they need to plan and design systems if they are working on an existing farm still a need for managers in aquaculture who manage the water supply system or production culture system etc. | SFIAQUA402C – 411C to be redeveloped and inserted in Certificate IV based on further consultation |

## Summary of feedback on new units of competency

### New units

| Stakeholder Comments and Identified Issues                                     |  | Consideration and Proposed Resolution   |
|--|--|---|
| <b>Feedback applicable to all 4 new Biosecurity units</b>                      |  |   |
| <ul style="list-style-type: none"> <li>Industry representative, QLD</li> </ul> | <p>SFIBIO201 and SFIBIO301 units only focus on aquatic stock found in a farming environment, not a wild aquatic habitat that Marine Rangers work in unit wording to reflect this 'wild' aquatic habitat.</p>   | Feedback incorporated in Validation drafts for SFIBIO201 and SFIBIO301.                           |
| <ul style="list-style-type: none"> <li>Industry representative, QLD</li> </ul> | <p>Biosecurity has not been taken seriously in the training modules. The SFIBIO 201, 301, 401 should all be within the levels of attainment as these are critical to ensuring that all staff have a fundamental knowledge of biosecurity.</p>  | Feedback incorporated in validation draft   |
| <ul style="list-style-type: none"> <li>Industry representative, TAS</li> </ul> | <p>asked for SFIBIO401 to become a core for Cert II Aquaculture, would prefer original SFICORE103C which addresses calculations and measuring.</p> <p>He also asked for clarification re current vs proposed changes of core units at each Certificate level.</p>  | Feedback incorporated in validation draft. Communicate in the Seafood Industry being redeveloped. |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                     | Each qualification needs a Biosecurity unit  | New biosecurity units developed for each qualification level                                      |
| <b>SFIBIO201 Inspect and clean aquatic field work equipment</b>                |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>               | <p><i>1.2 Identify and prepare cleaning equipment and materials appropriate for the equipment to be cleaned</i></p> <p><i>3.1 Clean equipment with freshwater thoroughly, removing as much visual debris and other material as possible, dispose accordingly in a safe bins or designated general waste station</i></p> <p>Should this be Rinse? Cleaning tasks take place in next step.</p> | Wording changed   |
| <b>SFIBIO201 Inspect and clean aquatic field work equipment draft</b>          |  |   |

| Stakeholder Comments and Identified Issues                                    |  | Consideration and Proposed Resolution  |
|---|--|--|
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>              | <p>Wording changes to PCs</p> <p>1.2 Identify and prepare cleaning equipment and materials <a href="#">appropriate/suitable/specified</a> for to equipment to be cleaned</p> <p>2.1 Check all equipment used for aquatic field work for visible <a href="#">debris/contaminants</a>, including check points identified in workplace biosecurity plan and legislation</p> <p>2.2 Remove solid <a href="#">debris/contaminants</a> and dispose of according to workplace and environmental procedures</p> <p>3.1 Clean(<a href="#">should this be Rinse?</a>) equipment with freshwater thoroughly, removing <a href="#">as much</a> visual debris and other material as possible, <a href="#">dispose accordingly in a safe bins or designated general waste station</a></p> <p>3.3 Rinse <a href="#">with freshwater in a secure/contained area to</a> ensure chemical residue does not enter waterway</p> <p>Wording changes to PEs</p> <ul style="list-style-type: none"> <li><del>water</del> sampling equipment</li> <li>applying <a href="#">procedures to meet</a> biosecurity, health and safety and environmental requirements</li> </ul> <p>Wording changes to Assessment Conditions</p> <ul style="list-style-type: none"> <li>fresh water <del>hese</del> <a href="#">contained wash bay</a> or container with fresh water</li> </ul> | <p>Amended PCs and PEs where appropriate. The unit needs to be broad enough to reflect the needs of all sectors.</p> |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>              | <p>SFIBIO201 and SFIBIO301 units only focus on aquatic stock found in a farming environment, not a wild aquatic habitat that Marine Rangers work in unit wording to reflect this 'wild' aquatic habitat.</p>   | <p>Feedback incorporated in Validation drafts for SFIBIO201 and SFIBIO301.</p>                                       |
| <p><b>SFIBIO301 identify, sample and report signs of disease or pests</b></p> |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>              | <p>SFIBIO201 and SFIBIO301 units only focus on aquatic stock found in a farming environment, not a wild aquatic habitat that Marine Rangers work in unit wording to reflect this 'wild' aquatic habitat.</p>   | <p>Feedback incorporated in Validation drafts for SFIBIO201 and SFIBIO301.</p>                                       |
| <p><b>SFIBIO401 Apply aquatic biosecurity measures</b></p>                    |  |  |

| Stakeholder Comments and Identified Issues                                     |  | Consideration and Proposed Resolution |
|--|--|---------------------------------------|
| <ul style="list-style-type: none"> <li>Industry representative, TAS</li> </ul> | Asked for SFIBIO401 to become a core for Cert II Aquaculture | Actioned                              |

## Summary of feedback on revised units

### General comments on revised units

| Stakeholder Comments and Identified Issues                 |   | Consideration and Proposed Resolution |
|--|---|---------------------------------------|
| <b>General feedback on revised units</b>                   |   |                                       |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul> | <p>Industry identified level 3 as the entry level qualification – so supervision of staff needs to come out. Most units say in the application - individuals <i>having limited responsibility for work of others</i>.</p> <p>They can be leading hands and work semi autonomously so arrange or coordinate jobs that they don't need to do themselves, but are responsible for making sure they are done. They don't necessarily provide supervision and feedback as such. Most of this has already come out which is good. But still in some PCs/ performance evidence it says “supervise... “ or “provide feedback” would be better to say coordinate or arrange and participate in a debrief etc</p> | All feedback adopted                  |

## Aquaculture operations (AQU) units

| Stakeholder Comments and Identified Issues              |  | Consideration and Proposed Resolution     |
|---|--|---|
| <b>SFIAQU102 Carry out basic aquaculture activities</b> |  |   |
| • RTO, NSW  | Biosecurity -could be something like basic biosecurity requirements relating to own work??   | Biosecurity knowledge is included in KE   |
|   | Agree with 27 - But Biosecurity could be included in the knowledge evidence that they understand the need for cleaning up, observing abnormal stock behaviour etc as at this level they are only following directions  | Biosecurity knowledge is included in KE   |
| • Industry representative, QLD                          | This should include an introduction to biosecurity.  | Biosecurity knowledge is included in KE   |
| • RTO, NSW  | and maintenance  | Application statement revised             |
|   | agree with 27.   | No action required                        |
|   | The 2 'ands' are confusing.  | Application statement revised             |
| <b>SFIAQU205 Feed stock</b>                             |  |   |
| • RTO, NSW  | waste materials are likely to be empty feed bags is this a bit over the top?   | Feedback incorporated -rewording of PCs   |
| • RTO, NSW  | calibration again out – if the equip requires calibrating each time its used then operating methods will cover it.<br>relevant legislation -??? All I can think of is WHS not needed here<br>lifting 20 kg feed bags is significant WHS issue and blower feeders can be noisy – would be better to put a feed safely point in performance evidence | Feedback incorporated – removed from unit |

| Stakeholder Comments and Identified Issues   | Consideration and Proposed Resolution   |
|--|---|
|  | take out data & recording sheets at this point. A lot of cases you wouldn't take it with you or even hand record it on some farms |
|  | Feedback incorporated – removed from unit   |
| can we take out calibration – not relevant for most applications<br>_Other then taring scales perhaps?<br>Estimate % of feed consumed only applies to feed trays used for prawns – take out  | Feedback incorporated – removed from unit   |
| again you don't give the manufacturers operation manual for an automated feeder to the farmhand and there is none for a bucket and scoop   | Feedback incorporated – removed from unit   |
| make basic repairs is not relevant here. This is not the point that equipment is repaired when you're about to feed. Also with mechanical feeding equipment repairs aren't level 2. Can we simplify? If they are hand feeding the equipment will be a bucket, scope and scales and the feed may only need to be moved from one side of the shed to the other. Farms could use stationary automated feeders – in which case the feed is taken to the feeder and loaded, or it could be in a moving feeder – eg a blower on a vehicle – so it needs to be general This could be much more simply<br>1.1 read schedule & confirm with supervisor quantity and feed type,<br>1.2 check feeding equipment, calibrate if necessary<br>1.3 collect and load required feed (this point may require them to weigh feed – but may not) | Feedback incorporated – rewording of PCs  |
| I think manufactures instructions don't need to be here – level 2 the supervisor will show them how to use an equip they only thing they need to read is the feeding schedule and feed labels (ie so they choose the right feed.   | Feedback incorporated – removed   |
| Again remove basic repairs – there is a whole unit on maintenance<br>Completing feed related data materials doesn't make sense – was that supposed to be recording feeding related data?   | Feedback incorporated – rewording of PCs  |

| Stakeholder Comments and Identified Issues                   | Consideration and Proposed Resolution   |  |
|--|---|--|
| <b>SFIAQU206 Handle stock</b>                                |   |  |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul> | <p>2.1 Observe, identify, isolate and retrieve required stock as per supervisor's instructions</p> <p>2.2 Use stock handling methods and equipment to minimise stress and damage to stock</p> <p>2.3 Handle stock and equipment using appropriate safety measures.</p> <p>No need to mention "dangerous" stock fish &amp; prawn spines do damage as does lifting heavy tubs with stock in them.</p>                 | Feedback incorporated - rewording of PCs |
|  | <p>No definition of dangerous except that it doesn't include crocodiles - therefore I'm guessing anything spiky that has claws or sharp teeth? Just say correct handling techniques for species being handled</p>   | Feedback incorporated -rewording of KE   |
|  | <p>Handle stock Assessment conditions – take out the line on manufacturers instruction for automated equip - that needs to come out across all CII units for 2 reasons;</p> <p>1 – you don't give a level person the manufacturer's instructions – they will be told exactly what to do by their supervisor verbally or follow a work instruction</p> <p>2 - often automated or mechanised equip won't be used.</p> | Feedback incorporated - rewording of PCs |
|  | <p>1.6 - select route or position equipment for ease of access etc</p> <p>They may be taking fish out, weighing them then returning them to the same tank/cage/pond</p>   | Feedback incorporated - rewording of PCs |
|  | <p>2.3 as merchandised equip may or may not be involved - often not. Can we split 2.2 and get rid of 2.3</p> <p>2.4 Obtain &amp; record data relating to stock handling. Don't specify where.</p>   | Feedback incorporated - rewording of PCs |
|  | <p>simplify: prepare culture of holding structures to meet the requirements of incoming stock (oysters may require cool &amp; shade but out of water while grading or cleaning)</p>   | Feedback incorporated - rewording of PCs |

| Stakeholder Comments and Identified Issues |   | Consideration and Proposed Resolution   |
|--|---|---|
|  | Broaden by taking out environmental - if it's an inside recirc farm or hatchery may not be relevant Supervisor should already be aware if it's a storm or heatwave - but might not know the oxygen bottles only 1/2 full!   | Feedback incorporated - rewording of PCs  |
|  | Do we need to specify where they are putting them? The emphasis of this unit should be all about reducing stress on stock when handling - if they are following instructions in 2.2 doesn't that cover getting them out - doing whatever, then putting them back?   | Feedback incorporated - rewording of PCs  |
|  | take out symbols & numbers for calibration  | Feedback incorporated - removed   |
|  | could take out life-cycle - biological requirements will cover it if life-cycle stage is relevant   | Feedback incorporated - removed   |
|  | At level 2 - what is meant by equipment options and limitation - combine dot points to become Handling equipment operation.<br>Do we really need the legislation point? Not needed to do the job as instructed by the supervisor.   | Feedback incorporated - rewording of PCs  |
| • RTO, NT                                  | Amend to "stock"  | Amended   |
|  | This is a fantastic addition to the unit documents. Please add to all future training package / unit updates for other training packages  | Thank you- no action  |
| •  | The P.C's refer to automated or mechanised equipment. Is mechanised / automated equipment requirements applicable to all Aquaculture enterprises? Suggest making the requirements /wording the same. Either change P.C to basic handling equipment or change the P.E requirement to automated or mechanised equipment | PCs and PE relating to automated or mechanised equipment has been revised/removed |
|  | Generally speaking the amended PE and KE for this unit are an improvement on the current version.   | No action   |

| Stakeholder Comments and Identified Issues            |  | Consideration and Proposed Resolution    |
|---|--|--|
| <b>SFIAQU209 Manipulate stock culture environment</b> |  |  |
| • RTO, NSW  | we are really talking observing culture conditions and stock behaviour   | Feedback incorporated - rewording of PCs |
|   | take out   | Feedback incorporated - removed          |
|   | basic equipment and methods (eg they could be adding lime to the water)  | Feedback incorporated - rewording of PCs |
|   | and materials<br>get rid of 1.3<br>1.4 not required - equip generally on site already - it may be that they have to replace a filter cartridge or adjust an aerator timer, but often manipulation is by adding chemicals - eg lime, bicarb, oxygen   | Feedback incorporated - rewording of PCs |
|   | 1.1 Confirm with supervisor water quality parameters to be adjusted<br>1.2 collect required equipment, materials and PPE and check for serviceability<br>1.4 Move or position materials and equipment ready for use  | Feedback incorporated - rewording of PCs |
|   | take out manufacturers instructions - level 2 are following work instructions  | Feedback incorporated - removed          |
|   | 2.1 Apply water treatment safely to suit stock requirements according to supervisors instructions<br>2.2 Observe stock behaviour and use work practices to minimises stock stress and damage (the reporting is repeated in 3 - take it out here -BUT observing stock is really important in 2<br>2.3 Check water parameters manipulated against stock requirements | Feedback incorporated - rewording of PCs |
|   | Many farms will not have digital technology and automated equip - take out   | Feedback incorporated - removed          |

| Stakeholder Comments and Identified Issues |  | Consideration and Proposed Resolution    |
|--|--|--|
|  | <p>take out calibrate and symbols - and you don't adjust a test kit or meter - you take a reading with it that is used to adjust the water maybe:<br/>Measure parameters being adjusted (that could cover a flow rate, filter pressure or measuring say pH with a test kit)</p>  | Feedback incorporated - rewording of PCs |
|  | <p>Operating equip includes calibration if calibration is needed. Take out repairing next dot point - combine?<br/>operate and maintain basic water treatment equipment</p>  | Feedback incorporated - rewording of PCs |
|  | <p>change environmental to culture conditions as this encompasses environmental and more applicable to indoor systems</p>  | Feedback incorporated - rewording of PCs |
| <b>SFIAQU212 Monitor stock</b>             |  |  |
| • RTO, NSW                                 | <p>1.1 Monitoring schedule and observations required is confirmed with supervisor.<br/>1.2 Collect required equipment including PPE and check serviceability<br/>1.3/1.4 don't need<br/>2.1 Observe stock condition checking for abnormal physical conditions and behaviour<br/>2.2 Environmental parameters are observed or measurements are accessed<br/>2.3 Collect samples of stock or water as instructed by supervisor (don't put "prepare" stock samples in here - that is covered in level 3 disease unit)<br/>Leave 3 as is</p> | Feedback incorporated - rewording of PCs |
|  | <p>take out - not using monitoring equip<br/>swap condition for health</p>   | Feedback incorporated - rewording of PCs |
|  | <p>stock behaviour and condition (ie they need to be able to spot signs that the animal aren't growing or have abnormal shell growth etc</p>   | Feedback incorporated - rewording of PCs |

| Stakeholder Comments and Identified Issues        |  | Consideration and Proposed Resolution                    |
|---|--|--|
|   | Skills & knowledge to monitor the behaviour & condition of cultured or held stock, and monitor routine environmental conditions.<br>This unit can be used in open systems where they don't use test kits/meters eg oyster farms or on large farms that have an automated monitoring system where a level 2 person might check the readings but not actually use the monitoring equipment | Feedback incorporated - minor edit to application field  |
|   | using meters & tests kits not in this one.<br>Numeracy would be Interpret environment; measurements?   | Feedback incorporated - minor edits to foundation skills |
|   | samples of stock or water  | Feedback incorporated - minor edit to PE                 |
|   | 2.1 Take out "health"  | Feedback incorporated - minor edit to PE                 |
|   | ...procedures for stock and environmental conditions<br>-take out calibration & operation of monitoring equip<br>- take out maintenance and basic repair<br>- take out use of sampling equipment   | Feedback incorporated - rewording of PCs                 |
|   | impact on stock - drop health  | Feedback incorporated - minor edit to PE                 |
| <b>SFIAQU213 Monitor environmental conditions</b> |  |  |
| • RTO, NSW  | leave calibrate in here - this is the unit it should be in!!!! But get rid of repairs<br>Collect required equipment and PPE, check for serviceability and calibrate as required.   | Feedback incorporated - rewording of PCs                 |
|   | impact on stock. take out health - impact is also on growth rate<br>Agree with 17 -<br>need to know<br>- what environmental parameters are to be monitored<br>-what range they need to be in,<br>-what effect will they have on the stock<br>also take out weather conditions- not relevant to indoor systems.   | Feedback incorporated - rewording of PCs                 |

| Stakeholder Comments and Identified Issues           |   | Consideration and Proposed Resolution    |
|--|---|--|
|  | not sure of this the right wording -<br>Check measurement against standard to calibrate?  | Feedback incorporated - rewording of PCs |
|  | perform water quality tests   | Feedback incorporated -rewording of KE   |
|  | I would leave it at maintenance rather than specifying repairs -<br>generally meters are sent back to the manufactures  | Feedback incorporated - rewording of PCs |
|  | 2.2 Check water quality parameters against acceptable range<br>2.3 take out "stock" - is about water monitoring not sampling stock<br>Still have though   | Feedback incorporated - rewording of PCs |
|  | take out dilutions not routinely done   | Feedback incorporated - minor edit to PE |
|  | don\'t need stock - need<br>- culture and sampling equip for stock culture environment<br>- PPE<br>- culture or holding environment to monitor  | Feedback incorporated - edits to ACs     |
| • RTO, NT  | Consider rewording or making a second dot point *environmental conditions to be monitored   | Wording added                            |
| <b>SFIAQU214 Produce algal or live feed cultures</b> |   |  |
| • RTO, NSW   | 3.3 take out "predatory species" harvest required quantity and transfer to feed to cultured stock.<br>Algal feeders eg oyster larvae are not classed as predatory also if you take out the feed to stock part the unit could be used in setting where the feed culture is not fed directly to cultured animals but might be sold. | Feedback incorporated -rewording of pcs  |
| • RTO, NSW   | need to have clean and sanitize culture vessels in here as that is really important in a hatchery   | Feedback incorporated -rewording of pcs  |
|  | take this out - only applicable to a marine hatchery and its definitely not done by estimating!   | Feedback incorporated -rewording of pcs  |

| Stakeholder Comments and Identified Issues                 |  | Consideration and Proposed Resolution                   |
|--|--|---|
|  | Take estimate out of next point -<br>They need to be able to measure volumes (eg with a measuring cylinder but don't be that specific) and weigh chemicals/feed additives  |   |
|  | take out "fur undertaking axenic culture techniques" - only applicable to algae<br>and get rid of 1.5  | Feedback incorporated - minor edit to PE                |
|  | Some parts refer to algae other refer to other live feed cultures - need to be generic<br>PE - point 4 -add:<br>- preparing production vessels for culture<br>-inoculating and establishing culture (simplify)<br>take out removing waste and maintaining water level - you don't do that with algal AND it is covered in maintaining and monitoring health of cultures and growing conditions         | Feedback incorporated - edits to PE                     |
|  | 2.1 Prepare, fill and inoculate culture vessel according to workplace procedure<br>2.2 & 2.4 can be combined to: Maintain the requirements of the culture organism for the culture period<br>2.3 Monitor the health of the culture organism and report irregularities to supervisor  | Feedback incorporated - rewording of pcs                |
| <b>SFIAQU215 Carry out on farm post-harvest operations</b> |  |   |
| • RTO, NSW   | Let's just not mention the slaughter of livestock - fish and prawns will be killed before they are packed and it does need to be covered somewhere. It will either be done at the point of harvest - by tipping them straight into an ice slurry is the most common or if they are moved live to the post-harvest facility it will occur there. There doesn't need to be a separate unit on it though. | Feedback incorporated - minor edit to application field |
|  | take out "for handling stock" not needed   | Feedback incorporated - rewording of PC                 |

| Stakeholder Comments and Identified Issues      |  | Consideration and Proposed Resolution                         |
|---|--|---|
|   | operate equipment according to workplace procedures - covers everything then   | Feedback incorporated - rewording of PC                       |
|   | 1.3 grrr<br>1.4 - already done in 2.7 in harvest stock - if they are working in the post harvest packing shed they are receiving stock from the farm harvest crew.   | Feedback incorporated -rewording of pcs                       |
| • RTO, NSW                                      | Level 2 not interpreting customer orders or markets - they are interpreting the packing schedule or whatever given by the supervisor   | feedback incorporated - rewording of PC                       |
|   | take out automated equip<br>Should this relate to packaging, transport?! colling systems etc for the enterprise they are working in - reads like they need to know across the industry.<br>packaging standards is above the level of cert 2?<br>Maybe packaging types<br>legislation for feeding?????<br>Legislation for food safety does have a place here. | feedback incorporated -rewording of KE                        |
|   | Compliance report - take out of all units it appears in - a level 2 does not prepare a compliance report. 5.3 covers enough.   | feedback incorporated - removed from all Certificate II units |
|   | take out compliance reports  | feedback incorporated - minor edits to foundation skills      |
|   | humidity gauges not present in many facilitates - take out<br>Take out calibration _BUT out BUT put in TARE scales   | feedback incorporated - minor edits to foundation skills      |
|   | 4.2 implies that the storage facility is not where the product is packed - usually it is simple moving from the packing area into the cool room - Maybe instead of "transport" Arrange pallets in storage facility....   | feedback incorporated -rewording of PCs                       |
| <b>SFIAQU216 Harvest cultured or held stock</b> |  |   |

| Stakeholder Comments and Identified Issues                                       |  | Consideration and Proposed Resolution   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>take out hazardous stock - leave just as safety measures taken - the biggest risk is lifting and tripping.<br/>2.6 could come before 2.5</p>  | Feedback incorporated - rewording of pcs  |
| <b>SFIAQU217 Maintain stock culture holding and other farm structures</b>        |  |   |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>calibrate can go as can calculate vol &amp; flow rate don't necessarily relate directly to repairs</p>  | Feedback incorporated - removed   |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Maintenance unit descriptor – was trying to think of a term that was more encompassing than “farm structures &amp; infrastructure” as it can encompass any routine maintenance tasks on equip (not mechanical repairs though) eg like checking and fixing loose blades on aerators or unblocking and fixing tears in screens etc It works as is but could be tweaked.</p>       | Feedback incorporated - minor edit to application field   |
| <b>SFIAQU219 Operate and maintain high technology water treatment components</b> |  |   |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>1.3 workplace procedures<br/>1.4 the level 2 person is not looking for faults take out</p>  | Feedback incorporated -rewording of pcs   |
|  | <p>according to workplace procedures</p>   | Feedback incorporated - rewording of PC   |
|  | <p>take out manufacturer’s instructions level 2 is follow instructions</p>   | Feedback incorporated - removed from PC   |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Prepare to operate a RAS and so on</p>  | Feedback incorporated - edits to all elements using RAS   |
|  | <p>Suggest a name change;<br/>Operate and maintain a re-circulation aquaculture system.<br/>Application:<br/>knowledge &amp; skills to operate, monitor &amp; maintain a recirculating aquaculture system (RAS) to keep water quality and env conditions within specified ranges for cultured or held stock.<br/>Level 2 so emergency maintenance and repairs should be in it?</p> | Feedback incorporated - revised title (Operate and maintain a re-circulation aquaculture system) and edits to application field |

| Stakeholder Comments and Identified Issues                                       |  | Consideration and Proposed Resolution                          |
|--|--|--|
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Maintenance unit descriptor – was trying to think of a term that was more encompassing than “farm structures &amp; infrastructure” as it can encompass any routine maintenance tasks on equip (not mechanical repairs though) eg like checking and fixing loose blades on aerators or unblocking and fixing tears in screens etc It works as is but could be tweaked.</p>   | <p>Feedback incorporated - minor edit to application field</p> |
| <b>SFIAQU221 Control predators and pests</b>                                     |  |  |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Problem with "set up" and "erecting" is that on an existing farm the control measures may already be set up - eg bird netting over cages or ponds Should be more about inspecting, maintaining, clearing materials and ongoing checking for pests &amp; predators presence.<br/>Take erecting out of PE too Can keep Installing as that can cover putting filter socks on a pond inlet as you fill it.<br/>2.4 relocating wildlife should go - needs to be done under licence and land farms don't do it.</p> | <p>Feedback incorporated - minor edits to pcs and pes</p>      |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Again erecting/installing could be a problem</p>  | <p>Feedback incorporated - rewording of pc</p>                 |
| <b>SFIAQU222 Control diseases</b>  |  |  |
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul>                     | <p>Level 2 should be something like:<br/>1.1 Follow farm biosecurity procedures in own work practices<br/>1.2 Report observations of abnormal stock behaviour, mortalities or moribund stock to supervisor<br/>1.3/1.4 as is</p>   | <p>Feedback incorporated - rewording of pcs</p>                |
|  | <p>1.1 can go in knowledge evidence and is not pathogens but more around COMMON diseases and signs that diseases are present</p>   | <p>Feedback incorporated - rewording of PC</p>                 |
| <ul style="list-style-type: none"> <li>• Industry representative, QLD</li> </ul> | <p>Most of the elements here refer to control, treatment and disposal. There should be a focus on prevention and understanding biosecurity risks.</p>  | <p>Biosecurity knowledge is included in KE</p>                 |

| Stakeholder Comments and Identified Issues                           |   | Consideration and Proposed Resolution  |
|--|---|--|
| • RTO, NT  | Agree with RF. Determining the intensity of bacteria and viruses, etc. would require microbiology skills and unlikely it would be required at level 2. Also unlikely they would need to "Observe the behaviour" of said disease organisms, they would however be required to observe the behaviour of stock. Consider rewording / splitting P.C. 1.2 - "observe behaviour of stock ....."<br>And a P.C which requires them to identify signs (other than stock behaviour) which may indicate a disease problem. | Element 1 and pcs revised  |
| • RTO, NSW   | for level 2 - I would combine and put count or estimate numbers of stock mortalities or affected stock  | Feedback incorporated - minor edits to foundation skills   |
|  | "options for control" is not level 2 - and I don't think disease control structure makes sense. take this point out.  | Feedback incorporated - rewording of PC  |
| <b>SFIAQU301 Undertake effluent and waste treatment and disposal</b> |   |  |
| • RTO, NSW   | combine 2.2 & 2.3 farms dispose of biological waste on farm.<br>Disposal of mortalities is covered in disease unit.<br>2.3/2.4 Should supervise be in this level? Arrange or coordinate is probably enough  | Feedback incorporated -rewording of pcs  |
|  | take out analyse data and compile reports - that is management<br>Estimate time & resources - again take out costs - level 3 farms<br>workers are not budgeting or involved in the finance  | Feedback incorporated - minor edits to foundation skills   |
|  | take out - establishing and planning is management level  | Feedback incorporated - minor edit to PE   |
|  | reporting in the context of this sentence is fine - it could be verbal  | No action  |
|  | nothing in the elements about "treatment" of effluent only sampling it.   | Feedback incorporated - reference to 'treatment' removed from all areas of the unit Revised title. |
|  | get rid of last point - only applies to select operations - not all farms<br>- is very imprecise  | Feedback incorporated - rewording of KE  |

| Stakeholder Comments and Identified Issues                                      |   | Consideration and Proposed Resolution                    |
|---|---|--|
|   | take out inventory  | Feedback incorporated - removed                          |
|   | 3.1 ??? is the entire unit??? get rid of 3.1<br>3.3/3.4 just collect and record relevant data and report to supervisor/manager is sufficient - they won't be preparing compliance reports. - this goes across most units  | Feedback incorporated -rewording of pcs                  |
|   | contractors are not used for effluent - split effluent form other waste - and they may not use contractors to pick up waste - change to: arrange waste disposal activities and collection   | Feedback incorporated -rewording of pcs                  |
|   | take out soil analysis - not appropriate for many operations  | Feedback incorporated - rewording of KE                  |
|   | 2.1 This really only applies to saltwater farms where there is discharge sampling that needs to follow licences conditions freshwater there is no discharge. Manager would be forwarding effluent report to EPA so make a bit more general -eg follow effluent sampling and data collection requirements? | Feedback incorporated - minor edits to pcs               |
|   | CIII is basically entry level - they will be following the farm procedures not researching new ones and determining programs<br>Reading skills will be to read & interpret workplace procedures   | Feedback incorporated - minor edits to foundation skills |
|   | not all farms have compliance forms - just take out the word "compliance" - complete workplace forms  | Feedback incorporated - removed                          |
| <b>SFIAQU302 Construct or install stock culture holding and farm structures</b> |   |  |
| • RTO, NSW  | Calibrate??? How do you calibrate a saw and hammer drill etc?!<br>They repair stuff before its put away in element 3 should be just checking its okay at the beginning of the job.<br>1.3 needs altering across the board   | Feedback incorporated - removed from PC                  |
|   | maybe change manufacturers specifications to operation manuals  | Feedback incorporated - minor edits to foundation skills |

| Stakeholder Comments and Identified Issues         |  | Consideration and Proposed Resolution                    |
|--|--|--|
|  | some of these tasks require specialized skills eg welding which are not taught in this unit<br>add assembling equipment housings (eg small pump housings)  | Feedback incorporated - minor edit to PE                 |
|  | get rid of compliance reports  | Feedback incorporated - minor edit to PE                 |
|  | to be honest - if they are building something there's not a lot of writing required.   | Feedback incorporated - minor edits to foundation skills |
| <b>SFIAQU303 Monitor stock handling activities</b> |  |  |
| • RTO, NSW   | get rid of   | Feedback incorporated - removed from PC                  |
|  | take out this line   | Feedback incorporated - removed from PC                  |
|  | take out   | Feedback incorporated - removed from PC                  |
|  | 1.1 they have confirmed the instruction with the supervisor, that would include what they need<br>1.2 delete   | Feedback incorporated -rewording of pcs                  |
|  | again get rid of 2.2 BUT you could put one in here about Checking that holding structures are prepared before activities commence  | Feedback incorporated -rewording of pcs                  |
|  | take costs out I don't expect my farm hand to work out how much it is going to cost to go and sample a pond - I do expect him to assemble all the equipment and allocate sufficient time to do the job.  | Feedback incorporated - removed                          |
|  | get rid of manufactures instructions - a net doesn't come with manufactures instructions, but the farm will have a detailed procedure on how to do the job which may be verbal or written. - according to farm procedures and health safety requirements | Feedback incorporated - rewording of PC                  |

| Stakeholder Comments and Identified Issues                           |  | Consideration and Proposed Resolution   |
|--|--|---|
|  | providing feedback to staff I don't think is level 3   | Feedback incorporated - removed from PC   |
| •  |  |   |
| <b>SFIAQU308 Maintain water quality and environmental monitoring</b> |  |   |
| • RTO, NSW   | no mass calculations required - measuring vol only - eg test kits required water sample of specified vol (usually you fill a tube to the line)<br>set & adjust measurement scale needs re-wording to reflect calibrating a WQ meter. | Feedback incorporated - minor edits to foundation skills                              |
| • RTO, NSW   | Although the unit title says "maintain" water quality - the content is only monitor.   | No action - title to distinguish between lower level unit used for the certificate ii |
|  | only some farms have monitoring technology systems in place varies from hand held meters hand test kits recorded on paper to remote monitoring systems.  | Feedback incorporated - minor edits to foundation skills                              |
| <b>SFIAQU309 Monitor harvest and post-harvest activities</b>         |  |   |
| • RTO, NSW   | again 2.2 could be replace with ensure holding structures are prepared same as in the coord handling unit  | Feedback incorporated - minor edits to pcs  |
|  | position and operate according to farm procedure....   | Feedback incorporated - rewording of PC   |
|  | ensure shipment is collected and appropriate documentation completed<br>In most cases the driver will sign the con note and a copy is kept by the sender.  | Feedback incorporated - rewording of PC   |
|  | level 3 are confirming that it meets with the specifications given to them by the supervisor in 1.1 - should be combined with 3.3  | Feedback incorporated - rewording of PC   |
|  | interpret instructions - take out manufacturers  | Feedback incorporated - minor edits to foundation skills                              |
|  | change reports to documents  | Feedback incorporated - minor edits to foundation skills                              |

| Stakeholder Comments and Identified Issues                                   |   | Consideration and Proposed Resolution                    |
|--|---|--|
|  | can leave this one in - it can cover tareing scales and calibrating thermometers  | Feedback incorporated - minor edits to foundation skills |
|  | again get rid of - not all farms have technology systems for packing and harvesting   | Feedback incorporated - removed                          |
| <b>SFIAQU311 Monitor production and maintain algal or live feed cultures</b> |   |  |
| • RTO, NSW   | 3.2 only relates to algae<br>more general would be -maintain hygienic culture conditions and equipment<br>3.3 regularly sample culture (take out water) that then covers the organism and the water.  | Feedback incorporated - minor edit to PE                 |
|  | need to identify the quantity they require before harvesting maybe; identify(confirm?) quantity of culture required and harvest following workplace procedures  | Feedback incorporated -rewording of pcs                  |
|  | takeout "Throughout the culture period"- for batch culture you prepare it then don't add anything more  | Feedback incorporated - rewording of PC                  |
|  | if batch culture - (most algal culture) is used this doesn't apply<br>needs to be more general could just take out as it would be part of the workplace procedures in 4.4<br>cleaning is essential in this unit<br>need to have separate point about cleaning and sanitising production vessels and equipment according to workplace procedures | Feedback incorporated -rewording of pcs                  |
|  | take out repairing equipment - maintenance is enough  | Feedback incorporated - rewording of PC                  |
|  | they will be following a specification for inoculation and don't have to calculate how much to add.<br>-Measure volumes is enough<br>-Count culture organism and calculate culture density  | Feedback incorporated - minor edits to foundation skills |

| Stakeholder Comments and Identified Issues  |   | Consideration and Proposed Resolution                    |
|---|---|--|
|   | add sterilization of equipment  | Feedback incorporated - minor edit to PE                 |
|   | again get rid of repairs here   | Feedback incorporated - minor edit to PE                 |
| <b>SFIAQU313 Monitor operations of high technology water treatment components</b> |   |  |
| • RTO, NSW  | "understand" not good term to assess against! Covered in following point  | Feedback incorporated - minor edits to foundation skills |
|   | risks associated with the operation and maintenance of RAS  | Feedback incorporated -rewording of pcs                  |
|   | ... required to monitor the operation and maintenance of a recirculating aquaculture system used to grow or hold stock. | Feedback incorporated - minor edit to PE                 |
|   | Plan for the operation of RAS   | Feedback incorporated -rewording of element              |
|   | 2.5 collating and analysing system performance is level 4   | Feedback incorporated - minor edit to PE                 |
|   | need rewording but is probably appropriate here   | Feedback incorporated - minor edit to PE                 |
|   | to optimize conditions for stock.   | Feedback incorporated - minor edit to PE                 |
|   | Recirculation aquaculture system components   | Feedback incorporated -rewording of KE                   |
|   | Can we re-name this unit to Monitor the operation of a recirculating aquaculture system(RAS) as that what its about     | Revised title  |
|   | Optimise system operation   | Feedback incorporated -rewording of pcs                  |
|   | monitor maintenance schedule  | Feedback incorporated - minor edit to PE                 |
|   | 3.5 not needed - covered in 3.2   | Feedback incorporated - removed from PC                  |
| take out 4.4 feedback   | Feedback incorporated - removed from PC   |  |

| Stakeholder Comments and Identified Issues                             |  | Consideration and Proposed Resolution                    |
|--|--|--|
|  | take out - this is about disease treatments and is covered in the disease unit not here  | Feedback incorporated - removed from PC                  |
|  | 2.1 covered by 2.2<br>2.2 Perform pre-op checks and calibrations<br>2.3 monitor culture conditions and operation of components and adjust to optimise conditions | Feedback incorporated -rewording of pcs                  |
|  | 3.3 simplify, Arrange repair or replacement of worn or damaged components  | Feedback incorporated -rewording of element              |
|  | simplify to calculate volumes and quantities of treatments   | Feedback incorporated - minor edits to foundation skills |
|  | take out analysis  | Feedback incorporated - minor edits to foundation skills |
| <b>SFIAQU314 Support hatchery operations</b>                           |  |  |
| • RTO, NSW   | these 2 points could be combined as "understand" is not a good term, 2nd point covers the first  | Feedback incorporated - minor edits to foundation skills |
|  | overall well written unit  | Thank you  |
| <b>SFIAQU315 Carry out emergency procedures for on land operations</b> |  |  |
| • RTO, NSW   | take out   | Feedback incorporated - removed from PC                  |
|  | data & recording sheets are not necessary for some emergencies - take out  | Feedback incorporated - removed from PC                  |
|  | maybe not coordinate but - implement emergency response<br>-follow contingency plans and procedures  | Feedback incorporated - minor edit to PE                 |

| Stakeholder Comments and Identified Issues | Consideration and Proposed Resolution   |  |
|--|---|--|
|  | take out the external agencies etc - that's the manager<br>take out providing feedback change to participate in debriefs  | Feedback incorporated - removed from KE                  |
|  | The most common emergencies are equipment or machinery failure, power failure and environmental emergencies where the stock are threatened. Stock in tanks can die within 1/2 hr if the power goes off!<br>Responses include backup generators, emergency harvesting, replacing faulty equipment etc. Occasionally the emergency may be bigger and required outside emergency services such as a fire or exotic disease outbreak - need to keep this in mind when looking at the unit as a whole. | Unit revised to ensure emergencies are contained on farm |
|  | using AND maintaining emergency equip   | Feedback incorporated - minor edit to PE                 |
|  | this is the first mention of disaster management - at this level I think it should stick with emergency and evacuation plans  | Feedback incorporated - removed from KE                  |
|  | 1.3 & 1.4 is more appropriate to level 4 - take out   | Feedback incorporated - removed                          |
|  | take out on-land  | Feedback incorporated -rewording of KE                   |
|  | Emergency contacts for a range of emergency situations?<br>Supervisor and 000 would be the main ones  | Feedback incorporated - removed from KE                  |
|  | 2.2 not appropriate for level 3 could be covered in debrief at end move 2.1 into Element 1 as it is still preparing and tack on "and report to supervisor"<br>Call Element organised and test ..?   | Feedback incorporated -rewording of pcs                  |

| Stakeholder Comments and Identified Issues                      |   | Consideration and Proposed Resolution    |
|---|---|--|
|   | Level 3 are not likely to Mobilize emergency staff - they will initiate emergency procedure (that might include ringing someone) including mobilizing emergency equipment and notify supervisor       | Feedback incorporated -rewording of pcs  |
|   | estimate duration of risk and resources required<br>take out quantify lost product as if they do it properly there won't be any post product and assets   | Feedback incorporated -rewording of pcs  |
|   | testing and providing feedback?   | Feedback incorporated -rewording of pcs  |
|   | Performance evidence is higher level than the elements & pCs  | Performance evidence revised             |
|   | 1. Prepare for emergencies? better than organise?   | Element 1 revised                        |
|   | take out on-land operations   | Application statement revised            |
|   | use same as other units - collaborate and assist others with job requirements   | Added to foundation skills               |
|   | title contradicts "and infrastructure in open water operations)<br>Could drop for on-land operations as it specifies it doesn't cover vessel emergencies<br>rest of unit can cover both easily        | Title amended                            |
|   | you would hope that all the records are abnormal - otherwise it's a constant state of emergency!<br>Just -4.3 record relevant data and observations<br>4.4 Participate in a debrief with team members | Feedback incorporated - minor edit to PE |
| <b>SFIAQU316 Apply control measures for predators and pests</b> |   |  |

| Stakeholder Comments and Identified Issues                   |  | Consideration and Proposed Resolution                    |
|--|--|--|
| <ul style="list-style-type: none"> <li>• RTO, NSW</li> </ul> | like disease unit this need to be beefed up for biosecurity and talk about disinfection and disposal of infected stock.  | Feedback incorporated -rewording of KE                   |
|  | take out lab specifications and take out medication on next line   | Feedback incorporated -rewording of pcs                  |
|  | take out analyse<br>change calculate to measure doses for chemicals  | Feedback incorporated - minor edits to foundation skills |
|  | see comments on 317 diseases<br>combine elements 1+2<br>Investigate and identify   | Feedback incorporated -rewording of pcs                  |
|  | Level 3 Apply control measures for predators and treatment of pests Combine 3+4  | Feedback incorporated -rewording of pcs                  |
|  | identifying pests and predators doesn't usually involve external analysis like disease monitoring does. And doesn't require treatments to the same extent.   | Feedback incorporated -rewording of pcs                  |
|  | Combine 3& 4<br>3.1 Prepare for control measure according to workplace procedure<br>3.2 Identify and assess risks and select and use appropriate PPE<br>3.3 Apply control measures or treatments following workplace procedures<br>3.3 Comply with withholding periods on chemical treatments<br>3.4 Monitor outbreak and maintain records according to workplace procedures<br>3.5 Notify supervisor promptly about changes in severity of outbreak | Feedback incorporated -rewording of pcs                  |

| Stakeholder Comments and Identified Issues           |   | Consideration and Proposed Resolution      |
|--|---|--|
|  | Clean up  | Feedback incorporated -rewording of pcs    |
|  | take out compliance reports<br>documenting predator and pest treatment or controls.   | Feedback incorporated - minor edits to pcs |
|  | take out  | Feedback incorporated - PC removed         |
|  | take out - they would go to manager   | Feedback incorporated - minor edits to pcs |
|  | Combine and simplify 1 &2 Identify and investigate<br>1.1 implement workplace routine stock monitoring program<br>1.2 Observe and record evidence of predators and pest infestations<br>1.3 Identify common predator or pests affecting stock<br>1.3 Investigate and report severity of the problem to supervisor | Feedback incorporated -rewording of pcs    |
|  | take out no lab samples   | Feedback incorporated - removed from PC    |
|  | applying not selecting  | Feedback incorporated - minor edits to pcs |
| <b>SFIAQU317 Apply control measures for diseases</b> |   |  |
| • RTO, NSW   | Level 3 is apply Level 4 would be select  | Feedback incorporated - minor edits to pcs |
|  | simplify<br>This should be about cleaning up after an outbreak _Really important  | Feedback incorporated -rewording of pcs    |

| Stakeholder Comments and Identified Issues  | Consideration and Proposed Resolution             |
|---|---|
| <p>Combine 3&amp; 4 becomes treat stock<br/> 3.1 Select (or apply) control measure according to workplace procedure<br/> 3.2 Identify and assess risks and select and use appropriate PPE<br/> 3.3 Administer treatment following workplace procedures and veterinary (? or DPI?) guidelines<br/> 3.3 Comply with withholding periods of medications<br/> 3.4 Monitor outbreak and maintain records according to workplace procedures<br/> 3.5 Notify supervisor promptly about changes to treatments or severity of outbreak</p>   | <p>Feedback incorporated - minor edits to pcs</p> |
| <p>take out this on - analyse is not level 3<br/> Calculate does rates probably too high level, should be measure doses for medication or chemical treatments</p>   | <p>Feedback incorporated - minor edits to pcs</p> |
| <p>Investigate becomes before diagnosis<br/> Level 3- entry level - don't analyse disease outbreaks - their manager does level 4 unit is where the analysis and treatment plans should be made<br/> I would expect them to investigate and diagnose common diseases.<br/> Combine 1+2 to investigate and diagnose disease outbreaks</p>   | <p>Feedback incorporated - minor edits to pcs</p> |
| <p>needs to have the clean-up beefed up and include disinfecting equipment, and monitoring the appropriate disposal of infected stock and treated water</p>   | <p>Feedback incorporated -rewording of pcs</p>    |
| <p>Combine and simplify 1 &amp;2 Diagnose and investigate risk assessment belongs with the treatment further on<br/> Need more prevention in here unless it is covered in a biosecurity standalone unit<br/> 1.1 implement routine health monitoring program according to workplace procedures<br/> 1.2 Investigate and record mortalities and moribund stock<br/> 1.3 diagnose commonly occurring diseases<br/> 1.4 Report disease outbreaks to supervisor<br/> 1.5 Collect and prepare samples for laboratory diagnosis according to workplace procedures and laboratory specifications</p> | <p>Feedback incorporated -rewording of pcs</p>    |

| Stakeholder Comments and Identified Issues |  | Consideration and Proposed Resolution      |
|--|--|--|
|  | compliance reporting system relevant for level 4 take out here   | Feedback incorporated - PC removed         |
|  | needs to include more biosecurity info around quarantining equipment and stock and preventing the movement of disease etc  | Feedback incorporated -rewording of KE     |
| • RTO, NSW                                 | too wordy drop the debriefing<br>Use appropriate communication protocols and channels when briefing senior personnel ?????   | Feedback incorporated - rewording of PE    |
|  | the supervisor would do this - level 3 goes to supervisor/manager  | Feedback incorporated - rewording of PC    |
|  | take out compliance reports<br>- recording disease observation and treatments<br>should we specify they need to be able to use a microscope to identify disease organisms -<br>common on most farms  | Feedback incorporated -rewording of pcs    |
| <b>SFIAQU318 Monitor feed activities</b>   |  |  |
| • RTO, NSW                                 | take out sending for external analysis - not done very often if at all and not level 3<br>This could be<br>-check received feed quality and specifications against labels and delivery documents   | Feedback incorporated -rewording of pcs    |
|  | Combine 2+3<br>Monitor and optimise feed uptake  | Feedback incorporated -rewording of pcs    |
|  | probably not economics of workplace  | Feedback incorporated - minor edits to pcs |
|  | take out calibration - if the equipment requires calibration operation will include it - also take out repairs and leave it as maintenance   | Feedback incorporated - reworded           |
|  | Needs re-wording - some farms have fixed feeders already in position, others use vehicle mounted blowers that are driven around farm. Other farms eg hatcheries or recic farms may feed by hand<br>eg<br>2.1 Implement farm feeding procedure to feed stock??? | Feedback incorporated -rewording of pcs    |

| Stakeholder Comments and Identified Issues                     |  | Consideration and Proposed Resolution                    |
|--|--|--|
|  | 2.2 Monitor stock uptake of feed<br>2.3 Alter stock feeding schedule to compensate for factors limiting feed uptake  |  |
|  | this is not very informative - monitor feed uptake will cover it.  | Feedback incorporated - PC removed                       |
|  | Simplify<br>delete 4.5   | Feedback incorporated - PC removed                       |
|  | Take out advanced- just stock behaviour - the varying conditions at the end covers it  | Feedback incorporated - minor edits to pcs               |
|  | take out held stock - they aren't fed.<br>Also change data analysis to use data and observations   | Feedback incorporated - minor edits to pcs               |
|  | take out 1.5 or update feeding schedule according to workplace procedures (ie on a prawn farm at this level based on observations of the previous feed they may alter the next feed - or if its blowing a gale the feeding might be reduced) | Feedback incorporated - PC removed                       |
|  | take out   | Feedback incorporated - PC removed                       |
|  | take out   | Feedback incorporated - removed                          |
|  | use appropriate communication with team members  | Feedback incorporated - minor edits to foundation skills |
|  | take out - just leave at feeding equipment as per above  | Feedback incorporated - minor edits to foundation skills |
| <b>SFIAQU407 Coordinate sustainable aquacultural practices</b> |  |  |
| • RTO, NSW   | brief staff on monitoring schedules - external contractors not used usually<br>take out 1.5 may already have automation - and rarely (if ever?) use contract services  | Feedback incorporated - minor edits to pcs               |
|  | allocate resources - broader so may or may not include finances  | Feedback incorporated - minor edits to pcs               |

| Stakeholder Comments and Identified Issues  | Consideration and Proposed Resolution  |
|---|--|
|   | need something in here about investigating opportunities to minimise waste, ENERGY and utilize recycling |
|   | PC added   |
| 4.5 Investigate opportunities to improve sustainable aquaculture operations and submit to management personnel  | Feedback incorporated - minor edits to pcs   |
| energy not mentioned in PCs   | PC added   |
| sustainability in energy use is in terms of power use - not nutrient & energy flow in food webs - take out  | Removed from KE  |
| need to include energy somewhere in this - really important   | PC added   |
| <p>Most of these are about farm design - this unit should be about management practices.</p> <p>once a farm is built they won't/can't change the water source and they don't usually use mains water! Freshwater cannot have water enter waterways and estuary farms have permit conditions around effluent.</p> <p>3.1 Develop water quality management strategies to minimize water use</p> <p>3.2 Develop stock production strategies to efficiently use water supply</p> <p>3.2 Manage farm effluent to optimize its re-use opportunities</p> | Feedback incorporated -rewording of pcs  |
| soil testing not relevant   | Removed from KE  |
| <p>not asked to cost work to budget pcs combine both points</p> <p>- estimate time and resources</p> <p>-analyse water use data</p> <p>Analyse energy use</p>   | Feedback incorporated -rewording of KE   |
| nutrient cycling not mentioned in PCs   | Feedback incorporated - removed from KE  |
| <b>SFIAQU408 Supervise harvest and post-harvest activities</b>  |  |

| Stakeholder Comments and Identified Issues                                  |   | Consideration and Proposed Resolution                    |
|---|---|--|
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                  | <p>stock may also be live at this point - take out slaughtered</p> <p>2.3 take out</p> <p>prepare required reports for management</p>   | Feedback incorporated - minor edits to pcs               |
| <b>SFIAQU413 Develop emergency procedures for an aquaculture enterprise</b> |   |  |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                  | <p>1.7 Ensure equipment and resources needed.....</p> <p>1.8 delete</p>   | Feedback incorporated - minor edits to PCs               |
|   | <p>3.4 put this in knowledge - rare -and when it does occur it is usually in response to disease</p>  | Feedback incorporated - minor edits to PCs               |
|   | <p>Most emergencies are contained on farm and are immediate threats to stock or environment rather than personnel- this is written as if most are requiring off farm disaster plans - need to cover that but have a more internal focus</p> | Unit revised to ensure emergencies are contained on farm |
|   | <p>1.6 Maintain and periodically update rosters or shifts and contact details of staff and emergency agencies</p> <p>???? Not needed</p>  | Deleted PC1.6  |
|   | <p>Just say for aquaculture and holding facilities - that covers everything</p>   | Feedback incorporated - minor edits to PCs               |
|   | <p>Determine and arrange resources to implement the contingency plan?</p>   | Feedback incorporated - reworded                         |
|   | <p>is this really necessary? Considering most emergency will be contained on farm</p>   | Unit revised to ensure emergencies are contained on farm |

## Diving (DIV) units

| Stakeholder Comments and Identified Issues                                   | Consideration and Proposed Resolution  |
|--|--|
| <b>SFIDIV311 Perform diving operations using SCUBA</b>                       |  |
| <ul style="list-style-type: none"><li>Industry representative, VIC</li></ul> | A diving watch would refer to a timing device able to withstand water pressure at typical diving depths. This is very old terminology. This should be replaced by "Diving Computer", a device able to monitor time and nitrogen absorption. It should be noted that Worksafe QLD refer to this as a "submersible timing device", |
| Diving watch replaced by diving computer                                     |  |

## Fishing operations (FSH) units

| Stakeholder Comments and Identified Issues                          | Consideration and Proposed Resolution  |   |
|---|--|---|
| <b>SFIFSH302 Collect reliable scientific data and samples draft</b> |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>    | <p>I would like to see all the references "vessel crew" replaced with 'staff'.<br/>There are applications of this unit which don't require the use of a vessel to collect samples and data.</p>  | <p>Feedback incorporated - reference to vessel crew changed to team members</p> |
|   | <p>Does this adequately capture the wording around 'emerging technologies'?</p>  | <p>Feedback incorporated - rewording of KE</p>                                  |
|   | <p>I would like this expanded to include "fisheries management activity' such as biosecurity related fisheries sampling and data collection activities.</p>  | <p>Feedback incorporated - minor edit to application field</p>                  |
|   | <p>I would like the reference to 'vessel crew' modified to include collection of reliable scientific data and sampling activity that doesn't require a vessel. Such as intertidal areas fisheries research including biosecurity observations. Including 'vessels' disallows some fisheries activities which are conducted on foot. Would the term (workplace) staff, suffice?</p> | <p>Feedback incorporated - minor edit to application field</p>                  |
|   | <p>I would like the term "end-of-cruise" to be modified to reflect sampling and data collection which doesn't require a vessel.</p>  | <p>Feedback incorporated - rewording of pcs</p>                                 |
|   | <p>I would like to see all the references "vessel crew" replaced with 'staff'.<br/>There are applications of this unit which don't require the use of a vessel to collect samples and data.</p>  | <p>Feedback incorporated - reference to vessel crew changed to team members</p> |
|   | <p>Come on. I consider that the requirement of only at least, one occasion of this performance evidence as being grossly inadequate.<br/>I would like to see three samples and data sets over a period of time in a range of contexts. Assessment which takes into account</p>   | <p>Feedback incorporated - PE revised</p>                                       |

| Stakeholder Comments and Identified Issues                 |  | Consideration and Proposed Resolution   |
|--|--|---|
|  | the requirements for scientific rigour.<br>Reliability and repeatability of the UoC.   |   |
| • RTO, NT  | Query re SFIOBSV302 - Is the unit SFIOBSV302B Collect reliable scientific data and samples being reviewed? Please let me know, as I am designing a training plan and delivery model, training and assessment resources for this unit for Indigenous Rangers in the Northern Territory. | Feedback incorporated but all OBV units will be reviewed for Compliance Project |
| <b>SFIFSH401 Locate fishing grounds and stocks of fish</b> |  |   |
| • Industry association, SA                                 | Safely<br>Typographical error  | Feedback incorporated<br>changed 'safety' to 'safely'                           |

## Seafood processing (PRO) units

| Stakeholder Comments and Identified Issues          |   | Consideration and Proposed Resolution  |
|---|---|--|
| <b>SFIPRO101 Clean fish</b>                         |   |  |
| • STA, VIC  | Volume and Type needs clarification re: cleaning fish ..is it twelve fish on one l  | Wording revised for clarity  |
| <b>SFIPRO106 Work with knives</b>                   |   |  |
| • CMM/STA, VIC, Government/STA VIC                  | I find this confusing. In any case it is covered in assessment conditions below.  | Feedback incorporated – removed  |
|   | Safely is specified below in the dot points. Delete one reference. It is also covered in assessment conditions.   | Feedback incorporated – removed  |
|   | There is nothing in here about: type of fish (eg commercial catch fish); quantity (eg just one fish or common workplace quantity) or time taken per fish or how long work is undertaken (again common workplace shift). | Feedback incorporated – minor edit to PE   |
|   | Is it knives (if so how many and what type) or is it just one knife?  | Feedback incorporated – minor edit to PE   |
|   | Wet or dry or both?<br>Performance criteria – using a sharpening stone to sharpen knives  | Feedback incorporated – minor edit to PE<br>- identifying when knives require sharpening |
| <b>SFIPRO203 Shuck molluscs</b>                     |   |  |
| • RTO NSW   | Number/type of molluscs needed to be shucked to show competence. RTO agreed to wording 'a batch' would quantify in the assessment.  | Feedback incorporated into Validation draft for SFIPRO203                                |
| <b>SFIPRO302 Handle and pack sashimi grade fish</b> |   |  |
| • STA, VIC  | correlate and explain “on one l + twelve fish”  | Wording revised for clarity  |
|   | Is P.C 1.1 subjective?  | Element reworded for clarity   |

| Stakeholder Comments and Identified Issues                                  |  | Consideration and Proposed Resolution                              |
|---|--|--|
| <b>SFIPRO404 Manage a product recall</b>                                    |  |  |
| • STA, VIC  | Should the PE relate to a Product recall and/or Simulated recall                   | Assessment conditions refer to workplace or simulated environment. |
| <b>SFIPRO505 Develop and implement a seafood waste utilisation strategy</b> |  |  |
| • STA, VIC  | Re: 2.1 Is 2.1 achievable as it may be commercial in confidence and a company's IP | PC revised   |
|   | 2.3 > Summarise and present data to appropriate personnel for evaluation           | PC revised   |
|   | 3.3 procure rather than purchase   | Purchase replaced with procure                                     |

## Sales and Distribution (SAD) units

| Stakeholder Comments and Identified Issues                |   | Consideration and Proposed Resolution                   |
|---|---|---|
| <b>SFISAD201 Prepare cook and retail seafood products</b> |   |   |
| • STA, VIC  | Edit PE ; Using equipment and cooking oil safely to : use, store and if required dispose equipment, oil and fat safely and sustainably                                | PC revised  |
|   | P.C 2.3 consider deleting “in the appropriate place’  | PC revised  |
|   | Cooking only includes deep frying and grilling, whereas KE lists BBQ’ and steaming  | KE revised  |
|   | There is a possibility of converging P.C’s 1.2 + 1.5 + 1.6 such as = “Identify and monitor suitability of product to be cooked to conform to food safety regulations” | PCs 1.2, 1.5 and 1.6 revised                            |
|   | Re: P.C 1.8 for safety reasons consider including “handle, store and use commercial cooking oil or fat safely and within approved temperature range                   | PC revised  |
| <b>SFISAD202 Retail seafood</b>                           |   |   |
| • STA, VIC  | consider changing no cross contamination to avoid cross contamination   | Feedback incorporated – minor edit to application field |
| • STA, VIC  | What is the point of difference between P.C 2.2 & P.C 2.4?  | PC 2.4 removed  |
|   | Revise P.C 1.3 is it asking to set aside unsuitable product that can’t be safely disposed of or safely dispose unsuitable product?                                    | PC revised  |
|   | P.C 4.1 would suitability for consumption be better than suitability for sale?  | PC revised  |

| Stakeholder Comments and Identified Issues |  | Consideration and Proposed Resolution |
|--|--|---------------------------------------|
|  | Would the use of the word 'Sterile' be more appropriate for P.C 2.6. than remove dead and dying fish?                    | PC revised                            |
| <b>SFISAD301 Wholesale product</b>         |  |                                       |
| • STA, VIC                                 | Revise supervision statement "under board direction"   | Application statement revised         |
|  | P.C 4.5 is not addressed in the PE or KE and Assessment conditions does not include GPS or equivalent                    | GPS added to Foundation Skills and KE |
|  | Re: P.C 4.1 is "paid for" realistic considering Element 3 and P.C 5.1 and time frames allocated to payments and invoices | PC revised                            |

## Summary of feedback on skill sets

| Stakeholder Comments and Identified Issues                       |   | Consideration and Proposed Resolution  |
|--|---|--|
| <b>Aquatic Biosecurity Skill Set</b>                             |   |  |
| <ul style="list-style-type: none"> <li>Government, WA</li> </ul> | I suggest that <i>SFIAQU317 Apply control measures for diseases</i> should also be here   | <i>SFIAQU317</i> is about treating common diseases (low-medium risk) whereas the Biosecurity Skill Set is about uncommon diseases that are high risk to the organisation |
| <b>Aquaculture Chemical Skill Set</b>                            |   |  |
| <ul style="list-style-type: none"> <li>RTO, NT</li> </ul>        | Chemicals used in more than just treating disease in an aquaculture facility. Suggest including AHCCHM304 Transport and store chemicals. AHCCHM303 and AHCCHM304 when combined meets the requirements for nationally accredited chemical user licence, i.e. SMARTtrain, Chemcert, AusChem | Electives added.   |
| <ul style="list-style-type: none"> <li>Government, WA</li> </ul> | Agree with comments 17 (above)  | <i>AHCCHM304 Transport and store chemicals</i> added to skill set.   |
|  | This unit specifies knowledge evidence of: how to select, operate and use a variety of application equipment including boom sprays. I suspect that boom sprays are not universally used in aquaculture settings.  | Industry has specified the need for this unit to be included.  |
| <b>Fish Processor Induction Skill Set</b>                        |   |  |
| <ul style="list-style-type: none"> <li>STA, VIC</li> </ul>       | Shouldn't the Pathways Information include proposed Qualifications ending in Code 18  | Amended  |
| <ul style="list-style-type: none"> <li>STA, VIC</li> </ul>       | Units ideally should be : <ul style="list-style-type: none"> <li>SFIXSI101</li> <li>BSBWHS201</li> <li>SFIPRO101</li> <li>SFIPRO105</li> <li>SFIPRO106</li> </ul> not what will be superseded   | Unit codes amended and incorporated into the Skill Set   |

## Summary of feedback on components proposed for deletion

### Qualifications proposed for deletion

| Stakeholder Comments and Identified Issues                      | Consideration and Proposed Resolution |
|---|---------------------------------------|
| General feedback about the qualifications proposed for deletion |                                       |
| •   |                                       |
| •   |                                       |
| •   |                                       |
| •   |                                       |

## Units of competency proposed for deletion

| Stakeholder Comments and Identified Issues                                      |   | Consideration and Proposed Resolution  |
|---|---|--|
| <b>General feedback about the units proposed for deletion</b>                   |   |  |
| <ul style="list-style-type: none"> <li>• STA</li> </ul>                         | <p>Concerns about deletion/substitution of some units eg with BSB units</p> <p>Urge caution about deletion as many other reasons for low enrolments. It is cheap to delete but more expensive to rebuild training products if they are found to be needed.</p>  | Industry feedback on units proposed for deletion actively sought   |
| <ul style="list-style-type: none"> <li>• Industry representative, WA</li> </ul> | My CEO also heard that some of the diving components were being scrapped, if this is true she wasn't too happy about that.  | Email answer provided to stakeholder.<br>The only diving unit not being redeveloped is SFIDIVE314A Perform compression chamber diving operations. All other DIVE units have been revised and updated.  |
| <ul style="list-style-type: none"> <li>• Industry Assoc WA</li> </ul>           | <p>(WA) supports the deletion of the Units proposed for deletion due to duplication</p> <p>Delete Certificate I. Performance Evidence regarding 'on at least one occasion' is a concern - should specify amount, volume, time, rate, quality, type of fish. My view would be that it should be left open, to the RTO, unless there are specific industry concerns. Where there are specific concerns they need to be specified in detail and once would generally not be enough!</p> <p>Also I note that there is repetition between the working of Performance Evidence and Assessment Conditions (eg safety, health etc).</p> | Due to other feedback, the deleted units due to duplication will be redeveloped ie communication and WHS. Performance evidence have been reviewed and tightened around frequency and volume. Repetition for safety etc in PE has been removed. |

|  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• Government, WA</li> </ul> | <p>In Western Australia the units below have no current enrolments therefore we agree that the units can be deleted:</p> <ul style="list-style-type: none"> <li>• SFIAQUA212C – Work with crocodiles</li> <li>• SFIAQUA401C - Develop and implement a stock health program</li> <li>• SFIAQUA402C - Coordinate construction or installation of stock culture, holding and farm structures (Release 1)</li> <li>• SFIAQUA406C - Seed and harvest round pearls (Release 1)</li> <li>• SFIAQUA409B - Implement, monitor and review stock production (Release 1)</li> <li>• SFIAQUA410B - Implement a program to operate, maintain or upgrade a system comprising high technology water treatment components (Release 1)</li> <li>• SFIAQUA411A - Manage water quality and environmental monitoring in enclosed systems (Release 1)</li> <li>• SFIDIST501C - Export product (Release 1)</li> <li>• SFIDIST502C - Import product (Release 1)</li> <li>• SFIDIVE314A - Perform compression chamber diving operations (Release 1)</li> <li>• SFIEMS401B - Conduct an internal audit of an environmental management system (Release 1)</li> <li>• SFIFCHA301C - Develop information and advice on fishing charter trips (Release 1)</li> <li>• SFIFCHA302C - Operate an inshore day charter (Release 1)</li> <li>• SFIFCHA501C - Plan and manage extended fishing charter trips (Release 1)</li> <li>• SFIFISH205C - Maintain, prepare, deploy and retrieve drop lines and long lines to land catch (Release 1)</li> <li>• SFIFISH208C - Maintain, prepare, deploy and retrieve purse seines to land catch (Release 1)</li> <li>• SFIFISH211A - Provide support for diving operations (Release 1)</li> <li>• SFIFISH214B - Contribute to at-sea processing of seafood (Release 1)</li> </ul> | <p>Units to be deleted unless another stakeholder has provided evidence or support to keep one or more units.</p> |
|--|--|---|

|  |   |  |
|--|---|--|
|  | <ul style="list-style-type: none"> <li>• SFIFISH309B - Construct nets and customise design (Release 1)</li> <li>• SFILEAD401B - Develop and promote knowledge of the industry sector (Release 1)</li> <li>• SFILEAD402B - Negotiate effectively for the sector (Release 1)</li> <li>• SFILEAD403B - Demonstrate commitment and professionalism (Release 1)</li> <li>• SFILEAD407A - Provide expert information to a resource management group (Release 1)</li> <li>• SFILEAD408A - Analyse information to develop strategic seafood management options (Release 1)</li> <li>• SFILEAD409A - Negotiate collective outcomes within the resource management group process (Release 1)</li> <li>• SFILEAD501C - Develop and promote industry knowledge (Release 1)</li> <li>• SFILEAD502C - Shape strategic thinking (Release 1)</li> <li>• SFILEAD506C - Demonstrate personal drive and integrity (Release 1)</li> <li>• SFILEAD507C - Provide corporate leadership (Release 1)</li> <li>• SFIOSV301B - Monitor and record fishing operations (Release 1)</li> <li>• SFIOSV501C - Establish and maintain the enterprise OHS program (Release 1)</li> <li>• SFIPROC201C - Head and peel crustaceans (Release 1)</li> <li>• SFIPROC202C - Process squid, cuttlefish and octopus (Release 1)</li> <li>• SFIPROC304B - Boil and pack crustaceans (Release 1)</li> <li>• SFIPROC305B - Slaughter and process crocodiles (Release 1)</li> <li>• SFIPROC402C - Maintain hygiene standards while servicing a food handling area (Release 1)</li> <li>• SFIPROC403C - Follow basic food safety practices (Release 1)</li> <li>• SFIPROC406C - Develop food safety programs (Release 1)</li> </ul> |  |
|--|---|--|

| Stakeholder Comments and Identified Issues                  |   | Consideration and Proposed Resolution                                |
|---|---|--|
|   | <ul style="list-style-type: none"> <li>• SFIPROC501C - Manage seafood processing production units (Release 1)</li> <li>• SFIPROC502C - Produce technical reports on seafood processing systems (Release 1)</li> <li>• SFIPROC503C - Analyse seafood packaging requirements (Release 1)</li> <li>• SFIPROC601C - Establish costs and/or conditions for sale of seafood product (Release 1)</li> <li>• SFIPROC602C - Plan and manage seafood and related product concept development (Release 1)</li> <li>• SFIPROC603C - Develop and manage seafood and related product production trials (Release 1)</li> <li>• SFIPROC606C - Develop and implement energy control systems in seafood processing environments (Release 1)</li> <li>• SFIPROC607C - Prepare work instructions for new seafood processing tasks (Release 1)</li> <li>• SFIPROC608C - Provide practical and/or commercial advice to seafood users (Release 1)</li> <li>• SFIPROC609C - Monitor the seafood business environment to determine threats and opportunities (Release 1)</li> <li>• SFIPROC610C - Establish and manage effective external relationships (Release 1)</li> <li>• SFISHIP202C - Contribute to safe navigation (Release 1)</li> <li>• SFISHIP205C - Maintain marine plant (Release 1)</li> <li>• SFISHIP208C - Operate low powered diesel engines (Release 1)</li> </ul> |  |
| <b>SFIAQU404 Operate hatchery</b>                           |   |  |
| <ul style="list-style-type: none"> <li>• STA, WA</li> </ul> | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.   | Unit has been developed and draft is available for industry feedback |
| <b>SFIAQU212 Work with crocodiles</b>                       |   |  |

| Stakeholder Comments and Identified Issues  |  | Consideration and Proposed Resolution   |
|---|--|---|
| <ul style="list-style-type: none"> <li>Industry representative, NT</li> </ul>                                       | <p>The Crocodile Farms Association of the Northern Territory is working to develop satellite farms on indigenous communities to encourage employment and economic sustainability. Whilst in its infancy, we think that these training modules would be particularly useful in such an environment.</p>                       | <p>Units SFIAQU212A Work with crocodiles and SFIPRO305A Slaughter and process crocodiles have been redeveloped. A new skill set has also been developed</p>   |
| <ul style="list-style-type: none"> <li>Industry representative, NT</li> </ul>                                       | <p>He offered to provide letter of support to keep the two crocodile units 'handle..' and 'Slaughter and process...'. He was also in favour of a Skill Set and agreed that the majority of Cert II Aquaculture proposed units would satisfy industry sector training needs.</p>  | <p>Units SFIAQU212A Work with crocodiles and SFIPRO305A Slaughter and process crocodiles have been redeveloped. A new skill set has also been developed</p>   |
| <b>SFIAQUA510B Select, plan or design a system or facility utilising high technology water treatment components</b> |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>   | <p>In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.</p>   | <p>Unit has been developed and draft is available for industry feedback</p>   |
| <b>SFIFCHA302C Operate an inshore day charter</b>   |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>  | <p>Potential Economic development opportunity in Remote Indigenous communities of the Northern Territory</p> <p>Further research and greater funding opportunities now exists in this area – Economic development opportunities to arise in the near future</p> <p>Does this now sit under the tourism training package?</p> | <p>Skills are covered by relevant units in the Sport, Recreation and Fitness training package which is a more appropriate TP for these units to be housed</p> |
| <b>SFIFCHA301C Develop information and advice on fishing charter trips</b>  |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>  | <p>Potential Economic development opportunity in Remote Indigenous communities of the Northern Territory</p> <p>Further research and greater funding opportunities now exists in this area – Economic development opportunities to arise in the near future</p> <p>Does this now sit under the tourism training package?</p> | <p>Skills are covered by relevant units in the Sport, Recreation and Fitness training package which is a more appropriate TP for these units to be housed</p> |

| Stakeholder Comments and Identified Issues   |  | Consideration and Proposed Resolution   |
|--|--|---|
| <b>SFIFCHA302C Operate an inshore day charter</b>                                    |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>                     | <p>Potential Economic development opportunity in Remote Indigenous communities of the Northern Territory</p> <p>Further research and greater funding opportunities now exists in this area – Economic development opportunities to arise in the near future</p> <p>Does this now sit under the tourism training package?</p>   | <p>Skills are covered by relevant units in the Sport, Recreation and Fitness training package which is a more appropriate TP for these units to be housed</p>           |
| <b>SFIFCHA302C Operate an inshore day charter</b>                                    |  |   |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>                     | <p>Potential Economic development opportunity in Remote Indigenous communities of the Northern Territory</p> <p>Further research and greater funding opportunities now exists in this area – Economic development opportunities to arise in the near future</p> <p>Does this now sit under the tourism training package?</p> <p>These three units could be used as a skill set in the future</p> | <p>Skills are covered by relevant units in the Sport, Recreation and Fitness training package which is a more appropriate TP for these units to be housed</p>           |
| <ul style="list-style-type: none"> <li>RTO, TAS</li> </ul>                           | <p>Comments on units identified for deletion - SFIAQUA401C, SFIAQUA402C, SFIAQUA409B should be kept as they are still used by the oyster industry as part of Cert 4 in Aquaculture.</p>  | <p>Adopted. Units SFIAQUA401C, SFIAQUA402C, SFIAQUA409B redeveloped and included in Certificate 4 Aquaculture.</p>  |
|  | <p>SFIPROC403C, SFIPROC406C are used by small processors and oyster farmers addressing FSANZ and AQIS requirements.</p>  | <p>Skills from these units are covered in the FBPFYSY2001 Implement the food safety program and procedures and FBPFYSY50001 Develop a HACCP-based food safety plan.</p> |
|  | <p>SFISHIP202C could become essential to small vessel operators for watch-keeping crew as there is no MAR equivalents available.</p>   | <p>Adopted. SFISHIP202C redeveloped and included/recoded as SFIVOP202</p>   |
| <b>SFIFISH208C Maintain, prepare, deploy and retrieve purse seines to land catch</b> |  |   |

| Stakeholder Comments and Identified Issues                                 |  | Consideration and Proposed Resolution  |
|--|--|--|
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>           | <p>Currently Aboriginal Coastal license holders are beach nets. Purse seines have been identified as a method to target different species they are authorised to catch under this licenses</p> <p>ACL holders are progressing in the fishing industry meaning that enrolments may increase over the next few years as more staff will be required as the opportunity for the community member develops into a medium-large business.</p> <p>Has this been replaced with another similar unit or imbedded into another as an element?</p> | <p>Industry suggested that these skills are covered in other SFIFSH “maintain, prepare, deploy and retrieve” title units.</p> <p>Not needed.</p> |
| <b>SFIFISH214B Contribute to at-sea processing of seafood</b>              |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>           | <p>This is still occurring in NT Fishing Industry</p> <p>Has this been replaced with another similar unit?</p>   | <p>RTOs have been using SFIPRO units to address this unit.</p>   |
| <b>SFIFISH309B Construct nets and customise design</b>                     |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>           | <p>Customised design is still being practiced in the Northern Territory due to Aboriginal Traditional Fishing occurring.</p> <p>Economic development opportunities take more time to build traction in the Northern Territory. This Unit may have not been considered previously.</p> <p>Has this been replaced with another similar unit? Does this unit focus on trawl gear? If yes, then not relevant to ACL holders.</p>   | <p>Unit has been developed and draft is available for industry feedback</p>  |
| <b>SFIFISH402C Manage and control fishing operations</b>                   |  |  |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                  | <p>In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.</p>   | <p>Unit has been developed and draft is available for industry feedback</p>  |
| <b>SFIEMS201 Participate in sustainable environmentally work practices</b> |  |  |

| Stakeholder Comments and Identified Issues                                  |  | Consideration and Proposed Resolution   |
|---|--|---|
| <ul style="list-style-type: none"> <li>Industry association, NSW</li> </ul> | My question is: can we still deliver the BSBSUS201 coded unit (stand-alone delivery) if we do not have a BSB qualification on our scope?   | BSBSUS201 identified as not adequately addressing industry needs and has been replaced by SFIEMS201 Participate in sustainable environmentally work practices<br>The BSBSUS201 unit will not be included in the Training Package and so this query has been resolved in this instance. Stakeholder awaiting response from ASQA. |
| <ul style="list-style-type: none"> <li>RTO, NSW</li> </ul>                  | Consultant asked representatives to look over the redraft of SFIEMS201 Participate in sustainable environmentally work practices due to their concerns about replacing this unit with BSBSUS201. They were happy with draft. | Redraft of SFIEMS201 to be put up for further national consultation.<br>Representatives confirmed they are happy with revised version of SFIEMS201  |
| <b>SFILEAD503C Cultivate productive working relationships</b>               |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                   | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.  | Industry can import equivalent BSB units  |
| <b>SFILEAD504C Plan and achieve change and results</b>                      |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                   | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.  | Industry can import equivalent BSB units  |
| <b>SFILEAD505C Communicate with influence</b>                               |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                   | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.  | Industry can import equivalent BSB units  |
| <b>SFIOBSV303B Collect routine fishery management data</b>                  |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                   | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.  | Will be decided as part of the SFI Compliance Project   |
| <b>SFIOBSV304B Analyse and report on-board observations</b>                 |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                   | In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.  | Will be decided as part of the SFI Compliance Project   |

| Stakeholder Comments and Identified Issues                                  |  | Consideration and Proposed Resolution                                |
|---|--|--|
| <b>SFIPROC201C Head and peel crustaceans</b>                                |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>            | <p>Potential Future economic development opportunity for Remote Indigenous communities in Cray fish commercial fishing</p> <p>NT Fisheries future noted development opportunity</p> <p>Has this been replaced with another similar unit? Is this limited to prawns or does it consider other species. E.g. lobster, crabs etc.</p>   | Unit has been developed and draft is available for industry feedback |
| <ul style="list-style-type: none"> <li>Industry association, NSW</li> </ul> | Do not delete this unit  | Unit has been developed and draft is available for industry feedback |
| <b>SFIPROC202C Process squid, cuttlefish and octopus</b>                    |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>            | <p>Potential Future economic development opportunity for Remote Indigenous communities in commercial fishing</p> <p>NT Fisheries future noted development opportunity</p> <p>Has this been replaced with another similar unit? Does this include packaging of the product?</p>   | Unit has been developed and draft is available for industry feedback |
| <ul style="list-style-type: none"> <li>Industry association, NSW</li> </ul> | Do not delete this unit  | Unit has been developed and draft is available for industry feedback |
| <b>SFIPROC304B Boil and pack crustaceans</b>                                |  |  |
| <ul style="list-style-type: none"> <li>Government, NT</li> </ul>            | <p>Potential Future economic development opportunity for Remote Indigenous communities in Cray fish commercial fishing – element of Pack is of interest not boil</p> <p>Lack of research previously conducted in economic development opportunities – NT Fisheries future noted development opportunity</p> <p>Has this been replaced with another similar unit? Is this limited to prawns or does it consider other species. E.g. lobster, crabs etc.</p> | Unit has been developed and draft is available for industry feedback |

| Stakeholder Comments and Identified Issues   |  | Consideration and Proposed Resolution   |
|--|--|---|
| <b>SFIPRO305 slaughter and process crocodiles</b>  |  |   |
| <ul style="list-style-type: none"> <li>Industry representative, NT</li> </ul>                  | <p>The Crocodile Farms Association of the Northern Territory is working to develop satellite farms on indigenous communities to encourage employment and economic sustainability. Whilst in its infancy, we think that these training modules would be particularly useful in such an environment.</p> | <p>Units SFIAQU212A Work with crocodiles and SFIPRO305A Slaughter and process crocodiles have been redeveloped. A new skill set has also been developed</p> |
| <ul style="list-style-type: none"> <li>Industry representative, NT</li> </ul>                  | <p>He offered to provide letter of support to keep the two crocodile units 'handle..' and 'Slaughter and process...'. He was also in favour of a Skill Set and agreed that the majority of Cert II Aquaculture proposed units would satisfy industry sector training needs.</p>                        | <p>Units SFIAQU212A Work with crocodiles and SFIPRO305A Slaughter and process crocodiles have been redeveloped. A new skill set has also been developed</p> |
| <b>SFIPROC604C Plan and develop formulations and/or specifications for new seafood product</b> |  |   |
| <ul style="list-style-type: none"> <li>STA, WA</li> </ul>                                      | <p>In Western Australia the units have current enrolments therefore we would recommend that the units not be deleted at this time.</p>   | <p>Unit has been developed and draft is available for industry feedback. Recoded as <i>SFIPRO404</i>.</p>   |

## General feedback

| Stakeholder Comments and Identified Issues                                     |  | Consideration and Proposed Resolution   |
|--|--|---|
| <b>General feedback</b>  |  |   |
| <ul style="list-style-type: none"> <li>Industry association, NSW</li> </ul>    | <p>Regarding all qualification in Aquaculture, Fishing and Post Harvest<br/>- suggestions for imported units-</p> <p>AMPCOR202<br/>AMPCOR404</p> <p>TLID1002A<br/>BSBITU205A &amp; 305A<br/>BSBWOR301B<br/>ACHMOM304A</p> <p>SFIDIST301C, FISH209C, FISH304C, SFIAQUA315A should be in Cert II and III<br/>TLID Units as there is a lot of manual handling with oysters &amp; mussels!</p> | <p>included</p> <p>this unit is more relevant to meat processing but hygiene skills covered by new SFIPRO301</p> <p>Included</p> <p>Cannot find information on ITU205A on TGA</p> <p>-</p> <p>-</p> <p>too high level for Cert II – does not meet AQF</p> <p>TLID units can be imported</p> |
| <ul style="list-style-type: none"> <li>Industry representative, NSW</li> </ul> | <p>Report/information provided regarding increasing industry skills around oyster hatchery operations, uptake of hatchery stock particularly selected lines of stock, and economics behind hatchery stock</p>  | <p>Information noted.</p>   |
| <ul style="list-style-type: none"> <li>STA, VIC</li> </ul>                     | <p>Question: Is 'seafood' an industry term that includes fresh water fish?</p>   | <p>Yes, clarified during initial industry consultation.</p>   |