

Modify a radio licence

Approved persons (ARC, ARE) user guide

Version 1.00 | March 2023





Contents

Introduction	3
Explanation	3
Requirements	3
Technical Assistance	3
Approved Radio Certifiers and Engineers	3
Licence Agency Consideration	4
Amendment history	4
Modify a Radio Licence	5
Create application to modify a radio licence	5
Open the modify licence task, (if required)	8
Modify the primary licence	9
Modify associated licence(s)	16
Certify and confirm modified radio licence	16
Certify modified radio licence	16
Confirm modified radio licence	17
Certify or Confirm Multiple Applications	19
Certify multiple radio licences	19
Confirm multiple radio licences	20
Receive Outcome from Licensing Team	22
Rework required on modified licence	22
Modified licence granted	22
Withdraw application to modify a radio licence	23

Introduction

This document details the process for <u>approved radio certifiers and engineers (ARCs, AREs)</u> to modify details of a radio licence in the <u>Register of Radio Frequencies</u> (the RRF).

Explanation

This document outlines processes for modifying radio licences. Once the modified licence application has been checked and approved by the RSM Licensing Team it will become current on the Register.

Document Steps, Images and Links

This document contains instructions (steps) to perform a process within the RRF.

- Some steps are followed by an image that demonstrates the onscreen result of that step.
- Some steps include links to other sections within the document or to other user guides; these are designated using 'go to' or 'refer to'.
- Clicking the section name moves you directly to that section or user guide.

Requirements

You must be an approved radio engineer or certifier to perform this process.

Technical Assistance

Comprehensive help is available to help you complete the various processes:

- Technical assistance can be found within the Public Information Brochures (PIBs); these are
 located within the <u>Resources for AREs and ARCs</u>. PIBs provide licensing, technical rules and other
 general information on a range of common radio services such as CB Radio, Amateur Radio and
 Maritime VHF Radio.
- Various <u>user guides</u> on the RSM Website describe the steps to take to complete each process.
- Some fields and sections in the Register of Radio Frequencies (the RRF) have help text.
 - Click or hover over the (Information icon) to view the help text with information about what
 to enter in the field or information about a section of the screen.
- Please contact Radio Spectrum Management (RSM) if you require further assistance:
 - o Email <u>rsmlicensing@mbie.govt.nz</u>
 - Phone the freephone number 0508 RSM INFO (0508 776463).

Approved Radio Certifiers and Engineers

You should be familiar with the following PIBs:

- Table of Radio Spectrum Usage in New Zealand (PIB 21)
- Fixed service Bands in New Zealand (PIB 22)
- Mobile service Bands in New Zealand (PIB 23)

- Radio Licence Certification Rules (PIB 38)
- Spectrum Licence Certification Rules for Crown Management Rights (PIB 39)
- Audit Procedures for Engineering Certificates issued by Approved Persons (PIB 40)
- Radio Licence Policy Rules (PIB 58)
- Policy rules for Crown Spectrum Management Rights (PIB 59).

Licence Agency Consideration

Depending on the radio licence type, the application to modify may be submitted to a Licence Agency (LA) and if the LA gives approval, the licence status changes from Awaiting Licensing Agency Recommendation to **Licensing Agency Decision**. You can then continue to modify the licence.

If the LA rejects an application, an email is sent to RSM's Licensing Manager and to the client. You are not notified of the rejection, nor does the application return to your work queue. The Licensing Manager has the right to overturn an LA decision and may enforce further conditions when modifying the licence.

Amendment history

Version	Date	Details
0.01 0.02	October 2022 December 2022	Draft RRF for review
0.03	December 2022	Draft for Release 1
0.04	February 2023	Draft for release 2
1.00	March 2023	Final version

Modify a Radio Licence

As an ARE you can create an application for the radio licence you want to modify, submit the application then make the modifications required. For example, you may need to modify the spectrum details such as the power of the transmit location or change a channel.

A client can also create an application to modify, but only an ARE can make the modifications.

This user guide outlines how to create an application then modify details of all types of radio licence from land simplex to a fixed point to multipoint bi-directional licence. The steps include:

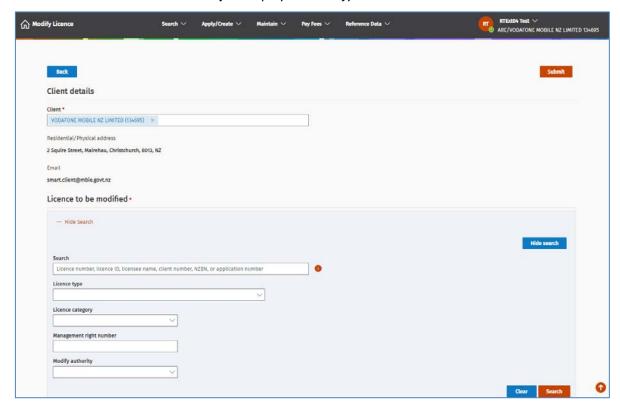
- Create application to modify a radio licence
- Modify the primary licence
- Modify associated licence(s), if applicable
- Certify and confirm modified radio licence
- Receive the outcome from the Licensing Team.

All modified licences must be approved by the RSM Licensing Team and/or granted by the Registrar.

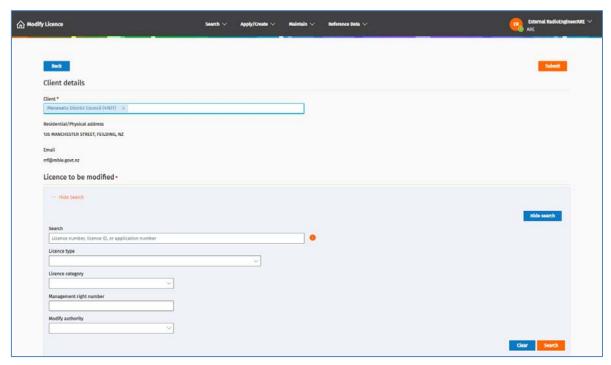
Note: A licence being modified will remain current and can still operate until the modified licence has been approved or granted.

Create application to modify a radio licence

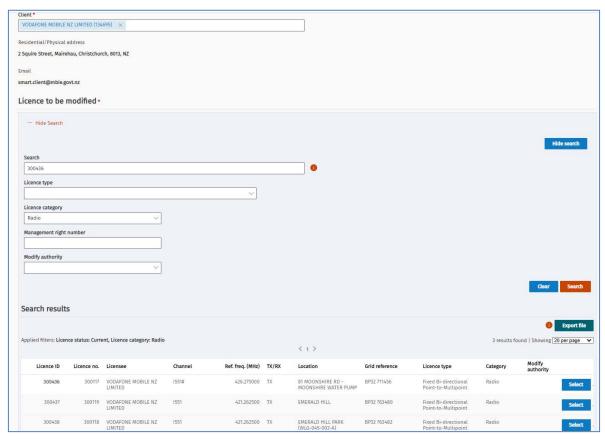
- 1. Login to the Register of Register of Radio Frequencies (RRF) using your RealMe login. The My Dashboard screen displays.
- 2. If you are a delegated user for your client, change your profile (in the top right of the screen).
- 3. Select **Maintain > Licence > Modify** to display the *Modify Licence* screen.



• If you are not a delegated user, enter the client's name in the **Client** field then select it to display their details below. For example:

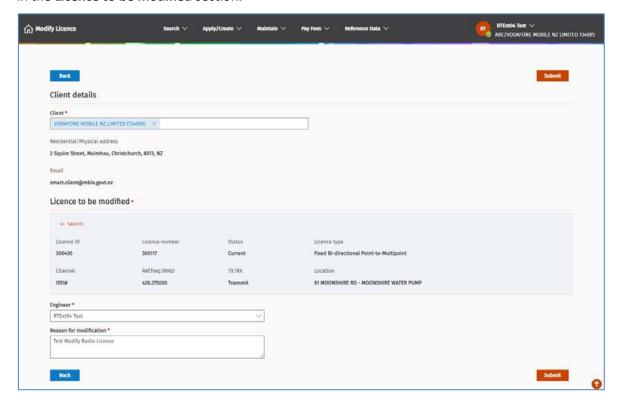


4. Enter the Licence ID (of the **primary** licence to be modified) in the **Search** field or perform a search to locate the licence you require. (Your client may have advised the licence details.)



Note: When you search for a licence to modify, a primary licence displays with a clear background. Any associated records are listed immediately below, with a lightly shaded background.

5. Click **Select** in the search results next to the primary licence you require. The selected licence displays in the **Licence to be modified** section.



- Select the Engineer (if different from the name that defaults) and enter the Reason for modification.
- 6. Click **Submit**. A message displays to advise an application to modify the selected licence will be submitted.
 - Click **Yes** to continue. A message displays at the top of the screen to advice application for modification has been submitted. RRF also creates a task for the ARE to modify the licence and sends it to their *My Dashboard* screen.

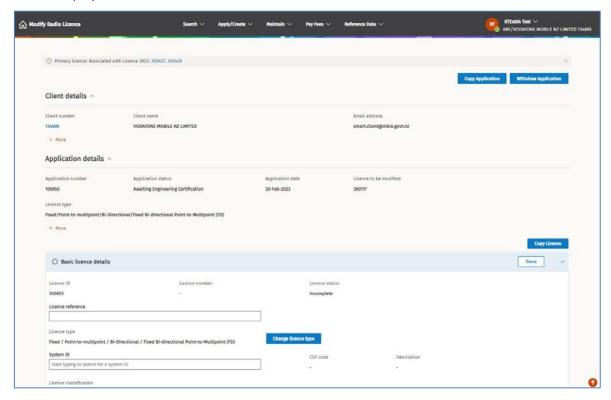
Note: If your licence requires LA approval for any changes, the licence application will be automatically sent to the LA. You will receive advice of the outcome by email and in your *My Dashboard* screen.

- When you receive approval advice from the LA for a Satellite licence, open the task to go directly
 to the certify stage as there is no crafting required. Go to <u>Certify and confirm modified radio</u>
 <u>licence</u>.
- 7. If you are the designated ARE, the radio licence is now ready to begin modifications in the *Modify Radio Licence* screen. Go to <u>Modify the primary licence</u>.
 - If you are not the nominated engineer, return to your *My Dashboard* screen then go to Open the modify licence task.

Open the modify licence task, (if required)

Use these steps if you were returned to the *My Dashboard* screen after submitting the modify radio licence application and/or when you receive an approval for modification from LA.

- 1. Go to the **Tasks** area of *My Dashboard* screen.
- 2. Locate the **Modify Licence** task and click **Open** (or click **Claim** then **Open**). The *Modify Radio Licence* screen displays.



Note: You can withdraw this application to modify a radio licence at any time until you certify the licence. Refer to <u>Withdraw application to modify a radio licence</u>.

- 3. Determine your next step:
 - To change details on the primary licence, go to Modify the primary licence.
 - To modify an associated licence, go to <u>Modify associated licence(s)</u>.

Note: If your licence has an associated licence, complete any updates to the primary licence before making changes to an associated licence.

Modify the primary licence

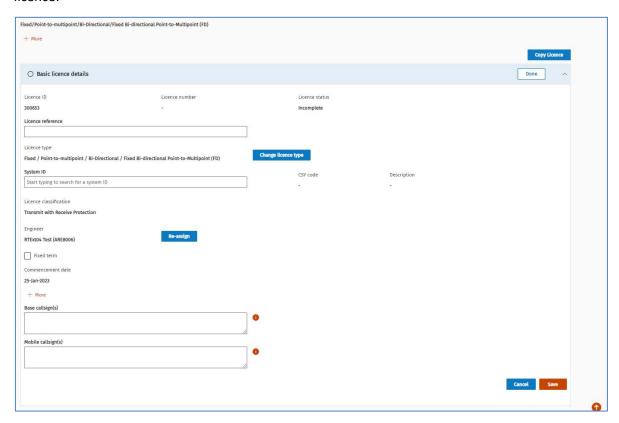
You can modify details of the primary licence, (e.g. update the basic details, change the spectrum details, remove and add channels, transmit location and receive location details).

Note: Only one channel can be used on a point-to-point licence, whereas other licences can have more than one. For example, Land mobile simplex licences can have multiple channels.

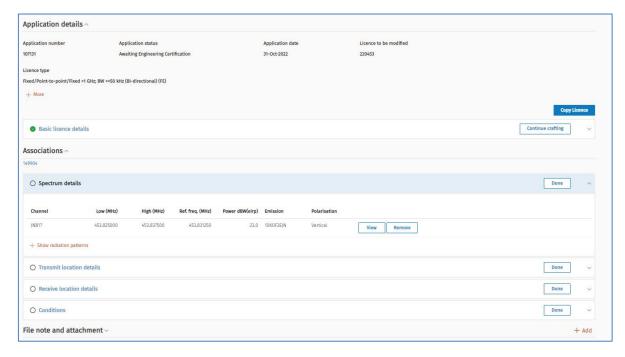
All modified licences must be approved by the RSM Licensing Team or Registrar.

1. Scroll down to the Basic licence details area, in the Modify Radio Licence screen.

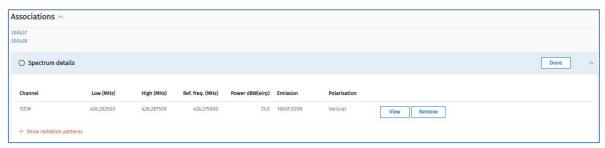
Note: This is an example of **Basic Licence details** is for a Fixed point-to-point bi-directional type licence:



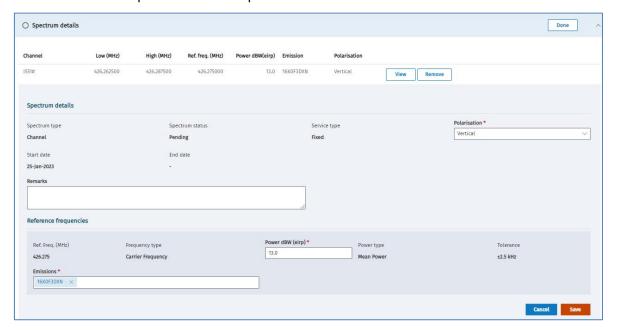
- Enter a **Licence Reference**, (if required) then make any other edits in this section, (if applicable). For example:
 - Click Change licence type and make selection(s) in the fields that display.
 Note: There are some restrictions on this, (e.g. you cannot change a Land Mobile to a Land Simplex General Channels licence).
 - Assign or Re-assign the Modify Licence application to another engineer, (if appropriate).
 - Enter **Number of Sets** (for a land mobile, Simplex, Land Simplex (LH) licence type).
 - o If appropriate, enter callsign(s), (e.g. **Base callsign(s)**, **Mobile callsign(s)**) and press **Tab** or click outside the field to validate your entry. If the callsign is not available a message will advise.
- Click Save.
- If all changes for the Basic licence details have been completed, click Done. The button changes to Continue crafting.



2. Click the **Spectrum details** heading to expand the section.



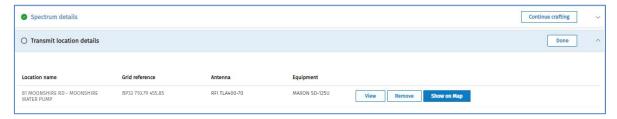
• Click View. The Spectrum record expands.



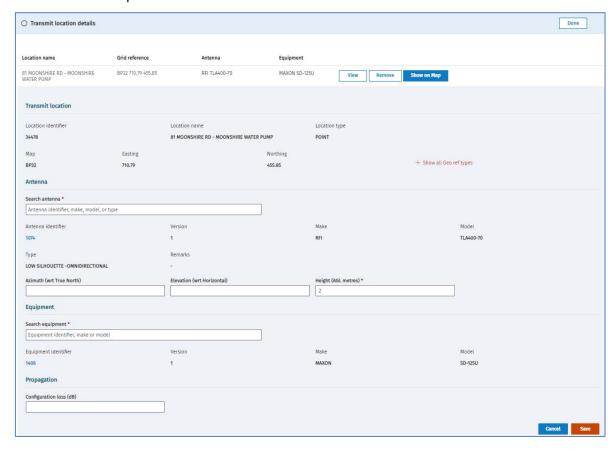
- Make any edits required, (e.g. change the **Polarisation** or details in the **Reference frequencies** area).
- To add or remove a frequency in the Reference frequencies area, click Add and record the
 details, or click Remove next to the frequency record to remove.

- Click Save. You return to the Spectrum details list.
- To change the channel, click **Remove** next to the channel in the Spectrum details list to be removed. The channel record no longer displays.
 - To add a new channel (or frequency), start typing the spectrum record in the Search for a spectrum record field:
 - Select the channel from the drop down list to add it to the record.
 - Click View. The Spectrum record expands.
 - Make any edits required and click **Save.** You return to the Spectrum details list.
 - Click **Save**. You return to the spectrum record list.
- If all changes for spectrum have been completed, click **Done**. The button changes to **Continue** crafting.
- 3. To update the transmit location details. click the **Transmit location details** heading to expand the section.

Note: If a location, antenna or equipment you require doesn't display in the drop down list, you can add it. Refer to **Add Reference Data** in the Create a Radio Licence user guide.



Click View to open the transmit location record.



Make any edits required, (e.g. change Height) then click Save to return to the list.

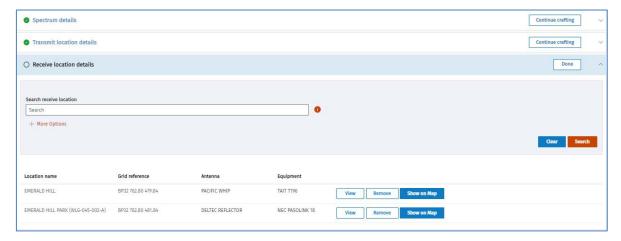
To view the transmit location in the map, click Show on map.



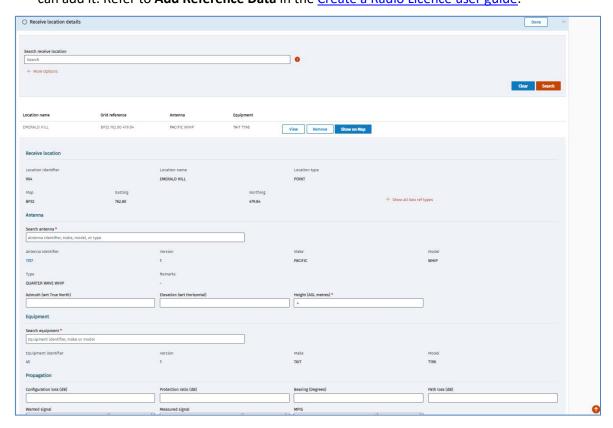
- Click X to close the map window.
- To remove a transmit location (if required), click **Remove** and add a new transmit location record.
- To add a new location, (or a second location if the licence type allows), click **Add** this section will display a field to search for the location to add. For example:



- Enter the location for the new transmit location in the Search transmit location field and click
 Search.
- Select the location from the search results. The record displays in the Transmit location details record list.
- Click View, and make any update any details in Antenna, Equipment and Propagation sections, if required.
- o Click Save. You return to the Transmit location details record list.
- If all changes for **Transmit Location** have been completed, click **Done**. The button changes to **Continue crafting**.
- 4. Click the **Receive location details** heading to expand the section. This section allows you to search for another receive location, if required.



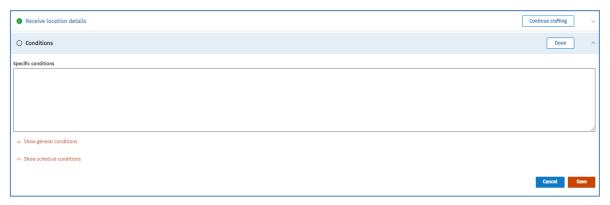
Click View to view and update, if required.
 Note: If a location, antenna or equipment you require doesn't display in the drop down list, you can add it. Refer to Add Reference Data in the Create a Radio Licence user guide.



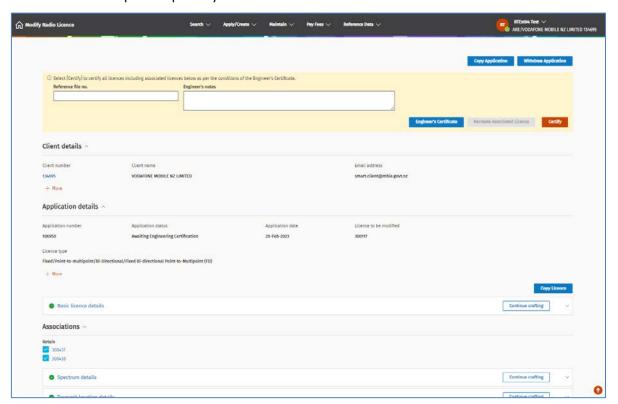
Note: The functionality in this section is the same as for Transmit location details.

- Click **View** open the record and add or edit the details for the Receive location record, (i.e. **Antennae** section and **Height (AGL) metres** field and **Equipment** section).
- If required, click **Show on Map** to view the current receive location on the map.
- Click **Save.** You return to the Receive location list and details of the new location displays.
- Make any other edits required depending on the licence type (as appropriate). Use the same steps as for Transmit location details. For example:
 - o Remove the current location and add a new location record.
 - Search for an add another receive location and update the details and save.

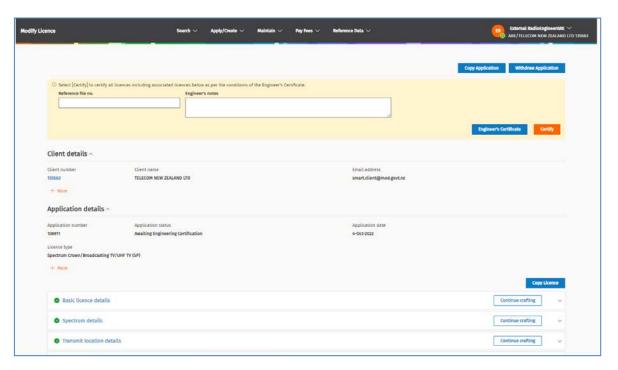
 When all updates to the Receive location details are completed, click Done. The button changes to Continue crafting.



- 5. Click the **Conditions** heading expand the section.
 - If appropriate, enter any **Specific conditions** for the licence and click **Save**.
 - Click **Done**. The button changes to **Continue crafting**. A message displays at the top of the screen to advise Conditions has been saved.
- 6. If you have confirmed all sections (i.e. the **Continue crafting** button displays for each section), the screen refreshes and displays the Certify 'call to action'.
 - This is an example of a primary licence with an associated licence.



• This is an example of a primary licence without an associated licence.



7. Do one of the following:

- To modify an associated licence, go to Modify associated licence(s).
- If do not want to modify an associated licence (or there is none), go to <u>Certify and confirm</u> <u>modified radio licence</u>.

Modify associated licence(s)

Certify and confirm modified radio licence

After making modifications to a radio licence you need to certify the licence confirm the details, create the certificate, and send it to the RSM Licensing Team to review and grant so it becomes current on the Register of Radio Frequencies (the RRF).

If you made edits to any associated licence(s) you must return to the Primary radio licence to certify and confirm the modification.

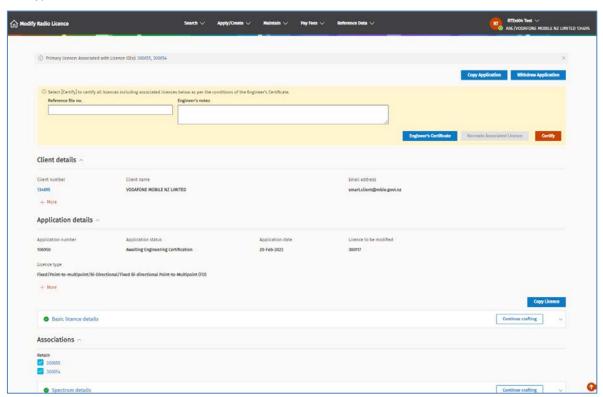
Note: If there are no associated licences or you don't need to edit an associated licence, you can remain in the primary radio licence screen.

If you have more than one licence to certify or confirm, you can certify or confirm them at once rather than individually. Refer to <u>Certify or Confirm Multiple Applications</u>.

Certify modified radio licence

Only an ARE or ARC can certify a licence. You can only certify a licence after any associated licences have been completed.

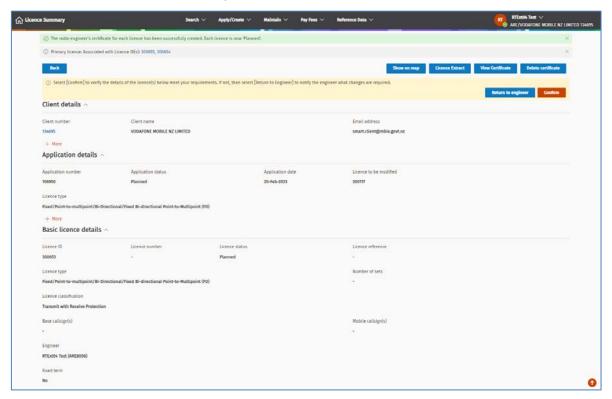
1. Ensure you have the primary licence details displayed (with the Certify 'call to action' at the top) in the *Modify Radio Licence* screen.



Note: If the **Certify** button is not active, ensure that the **Retain** check box is ticked for all associated licences.

2. Enter any relevant details in the **Reference file no.** field and include any other reference information in the **Engineer's notes** field, if appropriate.

- If required, click Engineer's Certificate to view what you (as the engineer) are certifying to.
- 3. Click **Certify**. The *Licence Summary* screen displays with a message to advise the radio engineer's certificate has been successfully created and each licence (if applicable) has a status of **Planned**.
 - RSM sends a notification to the parties to advise the licence is ready to confirm. This displays in the **Notifications** section on their *My Dashboard* screen.



Note: If after certifying the licence you realise that you need to make further edits, click **Delete Certificate**. You are returned to the *Modify Radio licence* screen where you can make the required edits then certify again.

- 4. Determine your next step.
 - If you are authorised to confirm the radio licence modification, go to <u>Confirm modified radio licence</u>.
 - If the client needs to confirm this modification, they will receive an email advice in the *My* Dashboard and review the modifications to the radio licence, then either confirm or return the application to you for corrections.

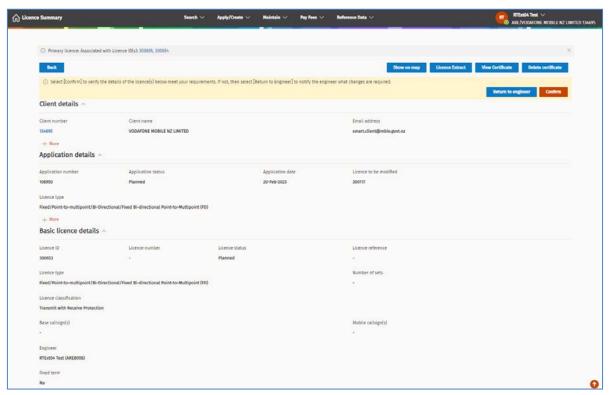
Note: When checked by RSM Licensing, you and the client will receive an email with the outcome.

Confirm modified radio licence

The radio licence can be confirmed by the client or by an ARE, if they have been given the delegated authority by the client.

- 1. If the client is to confirm, contact your client to advise them the licence modification is ready for them to confirm.
 - They will open the application from their My Dashboard screen, review the licence details and confirm to send it to the Licensing Team who will check, advise the client the outcome and if granted, request payment (if applicable).

- If the client finds errors, they will click Return to Engineer, enter a Rejection reason and click
 OK to return it to the engineer (ARE) for re-work. The Engineer will receive a task in their My
 Dashboard screen for action.
- 2. If you are an ARE or ARC) and have authority from your client to confirm, the *Licence Summary* screen displays.



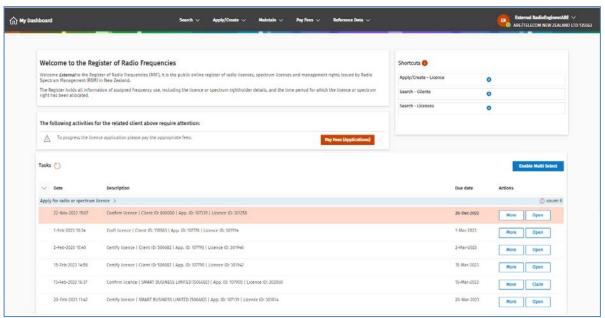
- 3. Scroll down the screen and review details of the modified radio licence record.
 - If required, click **Show on map** to display the modified radio licence in the *Search Licence* map screen.
 - Click **Back** to return to the **Licence Summary** screen.
 - If you notice an error, click **Return to engineer**. The engineer will receive a task on their *My Dashboard* and make the correction then certify again. This process ends.
- 4. Perform other functions, as required:
 - To view the certificate, click **View Certificate.** The certificate displays in another window of your browser to print or download, if required.
 - To view, print or save the Licence Summary, click **Licence Extract**. The full details display in another browser window. Print or download the document, if required.
- 5. If all details are correct, click **Confirm**.
 - You return to your *My Dashboard* screen. A message displays advising the licence has been confirmed now and assigned to the Licensing Team for granting.
 - The Licensing Team will check it against the RSM licensing policy for granting and advise. When you receive advice from the licensing team, go to Receive Outcome from Licensing Team.

Certify or Confirm Multiple Applications

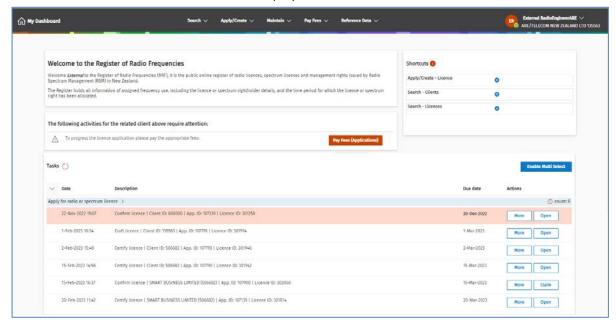
When you have more than one application to certify or to confirm, you can certify or confirm them at once rather than individually.

Certify multiple radio licences

1. Display your 'My Dashboard' screen and go to the **Tasks** area.



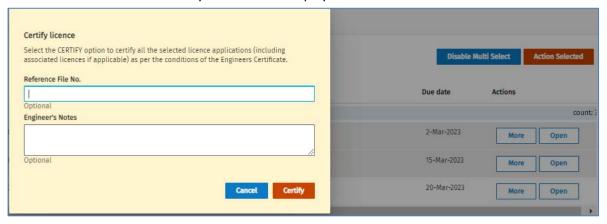
2. Click Enable Multi Select. A radio button displays in front of each task.



- 3. Click the **Select** check box in front of the first application to confirm. Only those applications with the 'certify' call to action task will be listed to select.
- 4. Select the other radio licences in the list you want to certify.



- If you decide not to continue to process multiple applications, click **Disable Multi Select**. You return to the full list of tasks with no applications selected.
- 5. Click **Action Selected**. The Certify call to action displays.

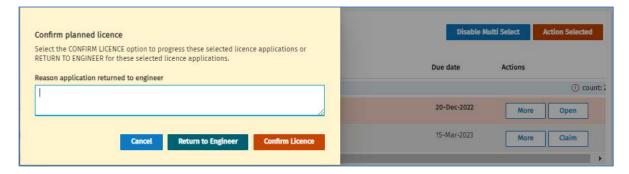


- 6. Enter any relevant details in the **Reference file no.** field and include any other reference information in the **Engineer's notes** field, if appropriate. Details entered in these fields will display on all selected applications.
- 7. Click **Certify**. A message displays advising the selected applications are now certified.

Confirm multiple radio licences

Follow these steps to confirm multiple radio licences. Refer to the screen shots for Certify multiple radio licences above.

- 1. Display your 'My Dashboard' screen and go to the **Tasks** area.
- 2. Click **Enable Multi Select**. A radio button displays in front of each task.
- 3. Click the **Select** check box in front the first application to confirm. Only those applications with the 'confirm' call to action task will be listed to select.
- 4. Select the other radio licences in the list you want to confirm.
 - If you decide not to continue to process multiple applications, click **Disable Multi Select**. You return to the full list of tasks with no applications selected.
- 5. Click **Action Selected**. The Confirm call to action displays.



- If you decide the selected applications need to be returned to the engineer for re-work, enter details in the **Reason application returned to engineer** field, click **Return to Engineer** then click **OK**. The Engineer will receive a task for each application in their *My Dashboard* screen for action.
- 6. Click **Confirm Licence**. The selected applications are now confirmed.
 - A message displays to advise the licence(s) are confirmed and assigned to the Licensing Team. The Licensing Team will check it against the RSM licensing policy for granting and advise.
- 7. When you receive advice from the licencing team go to Receive Outcome from Licensing Team.

Receive Outcome from Licensing Team

When the Licensing Team has examined the modified licence application and completed their licensing checks, you and/or your client will receive an email to advise whether the modified radio licence has been granted. If the advice states:

- granted, go to <u>Modified licence granted</u>.
- rework required, go to <u>Rework required on modified licence</u>.

Rework required on modified licence

If the Licensing Team Examiner referred the licence application back to you for rework, it will display as a task on your *My Dashboard* screen.

- 1. Go to the **Tasks** section of the *My Dashboard* screen and locate the licence application.
- 2. Click **Open** to display the radio licence record.
- 3. Follow the steps for <u>Modify primary licence</u> and/or <u>Modify associated licence(s)</u> to complete the rework required.
- 4. Complete the Certify and confirm modified radio licence process.
- 5. Wait for advice from the licensing Team then repeat this process.

Modified licence granted

You receive advice the modified licence has been granted and whether any payment is required.

- 1. If the email advice requests payment and you have delegated authority for the client, refer to Pay a Licence on the RSM website.
 - Once the licence fee has been paid, the radio licence will have a status of **Current** and display on the Register.

Note: If the client needs to pay the licence fee, they will receive an email and action the payment to complete.

2. If no payment has been requested, the radio licence will already have a status of **Current** and display on the Register.

The process ends.

Withdraw application to modify a radio licence

You have the option to withdraw a licence application if you find an error in the application or no longer want to proceed.

Note: You can only withdraw a licence application before being sent for approval or granting.

- 1. In the Licence Modify Radio Licence screen, click Withdraw Application.
 - You return to your *My Dashboard* screen. A message displays at the top of the screen to advise **Application has been withdrawn**.



• The application has been completely removed from the RRF. You will need to create your new modify licence application again, if required.

The process ends.