



BOURGAULT

X30

Monitor/Controller

INGENUITY.

SIMPLICITY.

DURABILITY.

 **TOPCON**
Precision Agriculture

www.bourgault.com



Recording a Boundary Map

The following steps will help you to Record a Boundary which is a critical step needed for the proper function of the Bourgault section control.



To record a Boundary map you must select a Field and start a Job



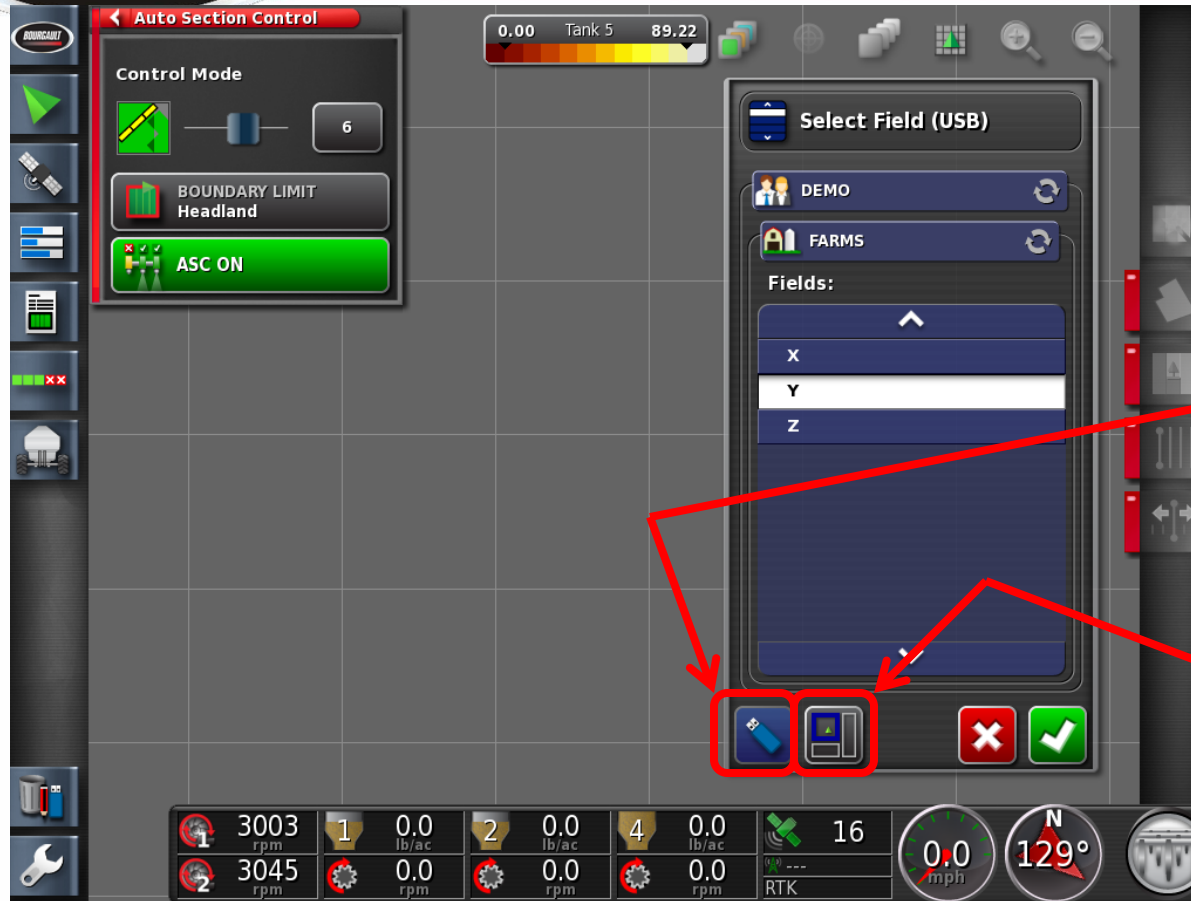
Tab for Field selection

Tab to start a Job



This tab lets you create a new Field name.

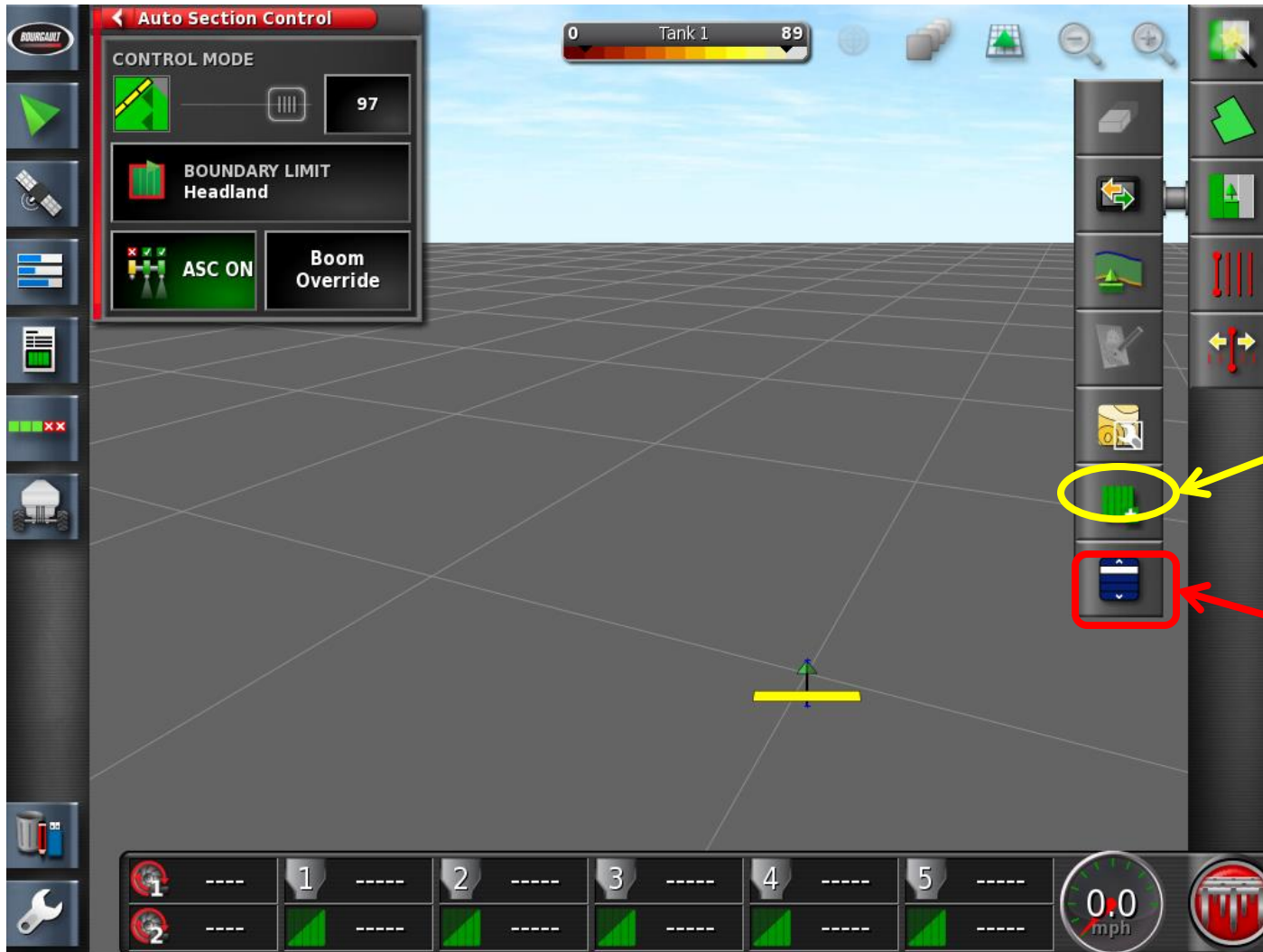
This tab lets you select a field from the X30 or thumb-drive.



Touch to select from thumb-drive

Touch to select closest Field to GPS location.

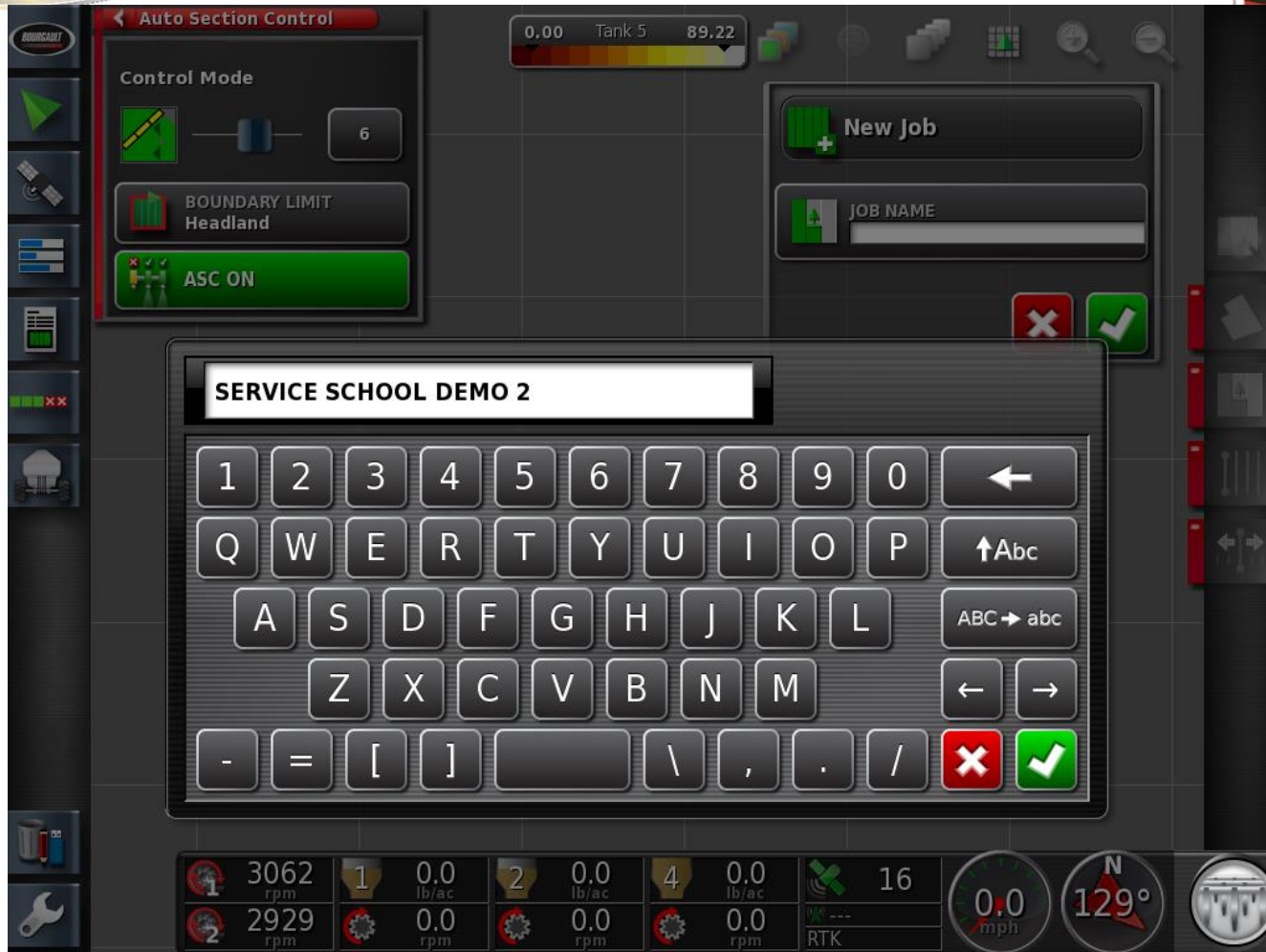
Follow the prompts and select a Field from the X30, thumb-drive (as shown above) or select the closest Field



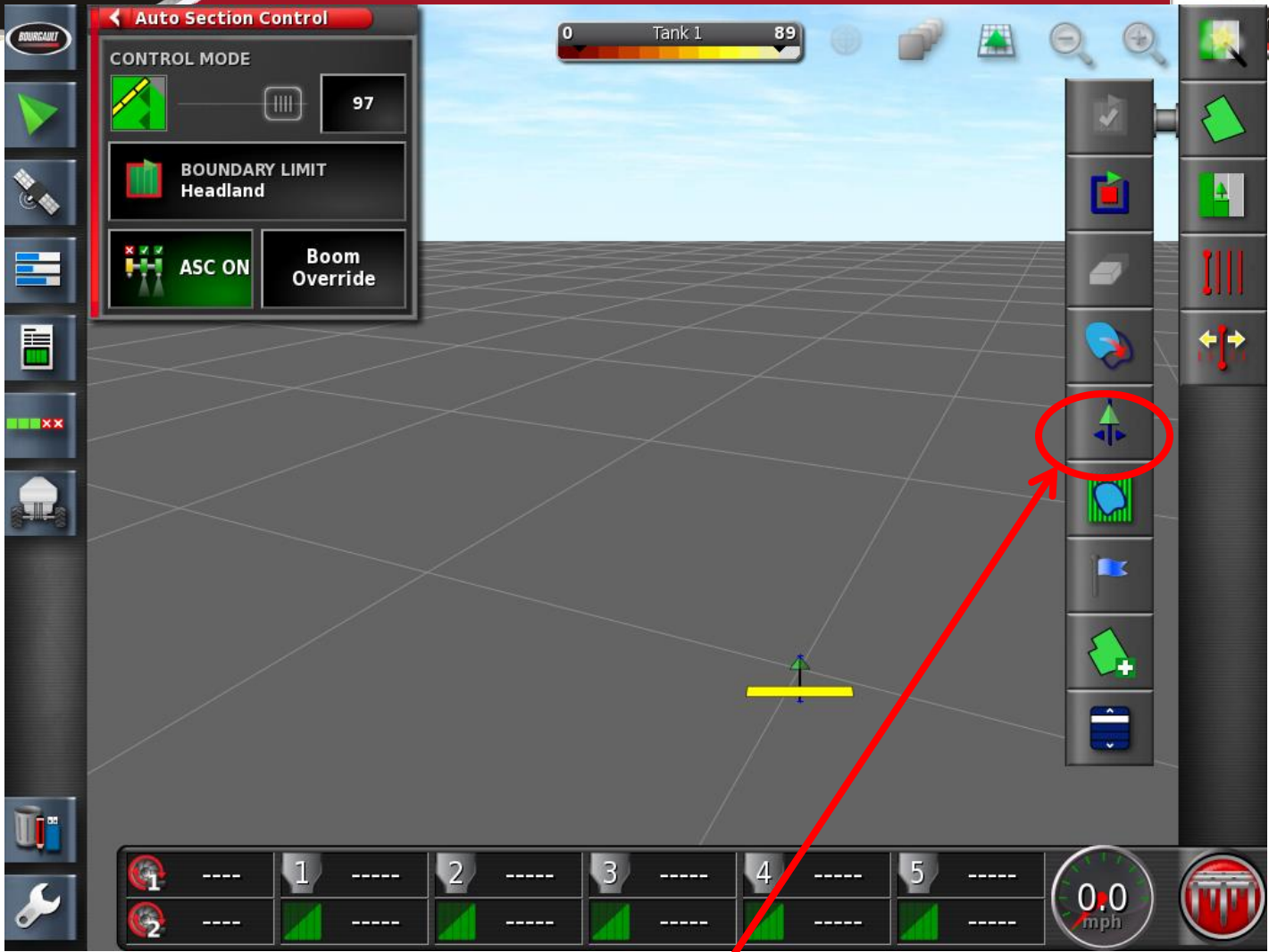
Create a
New Job

OR

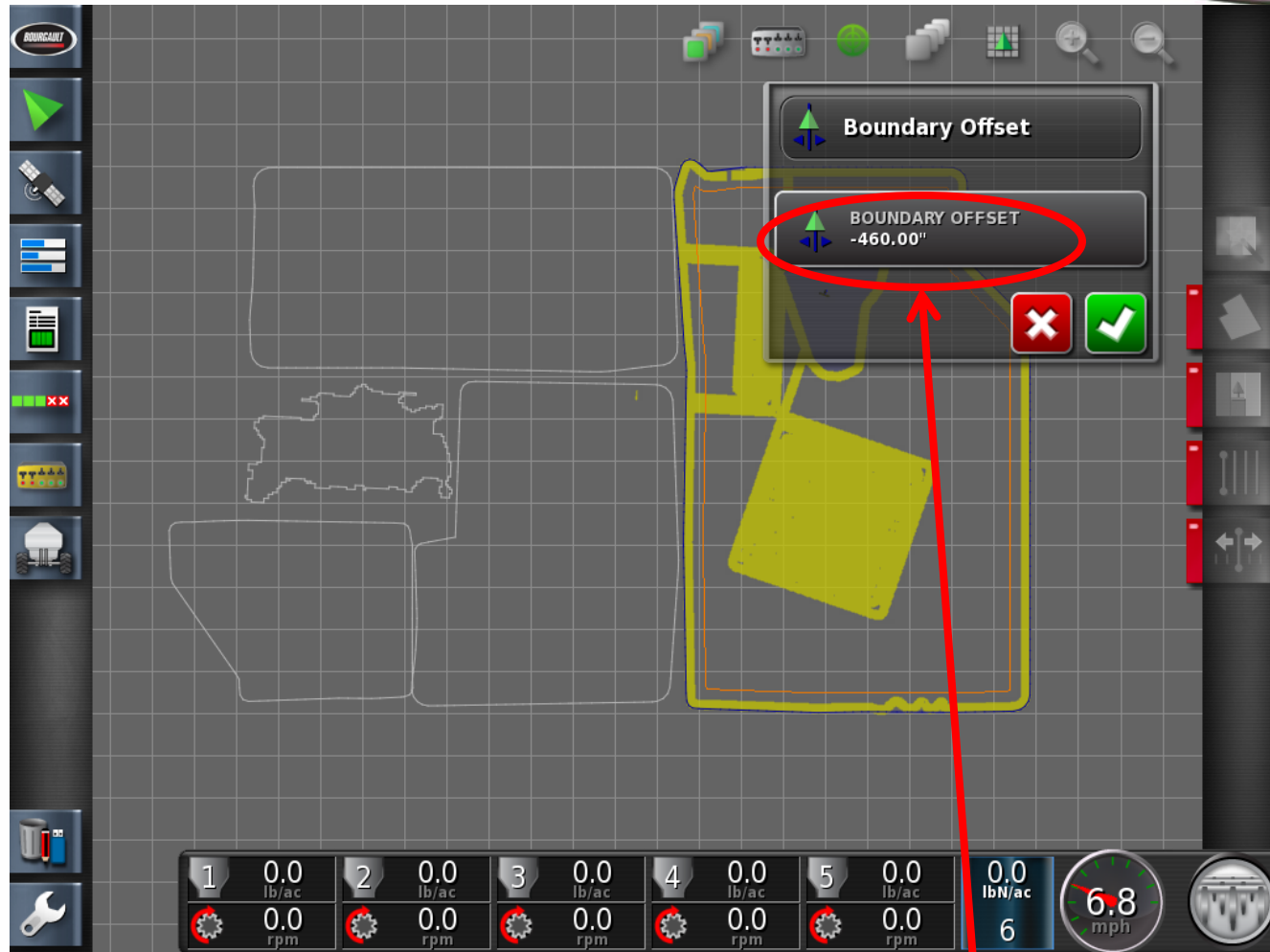
Select an
existing Job



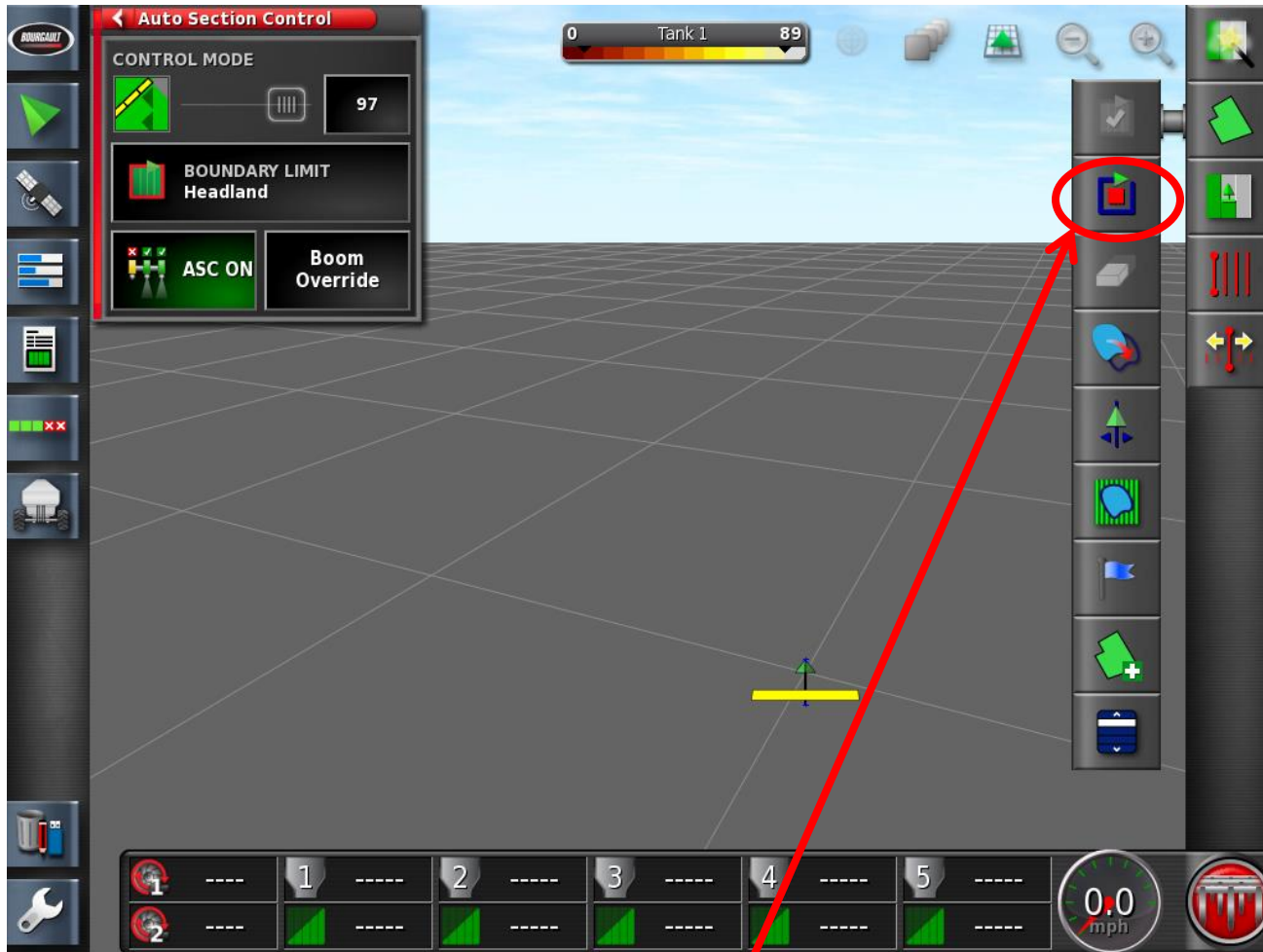
You can give a New Job a custom name if you wish, or use the name the X30 generates for you.



Select Boundary Offset Tab



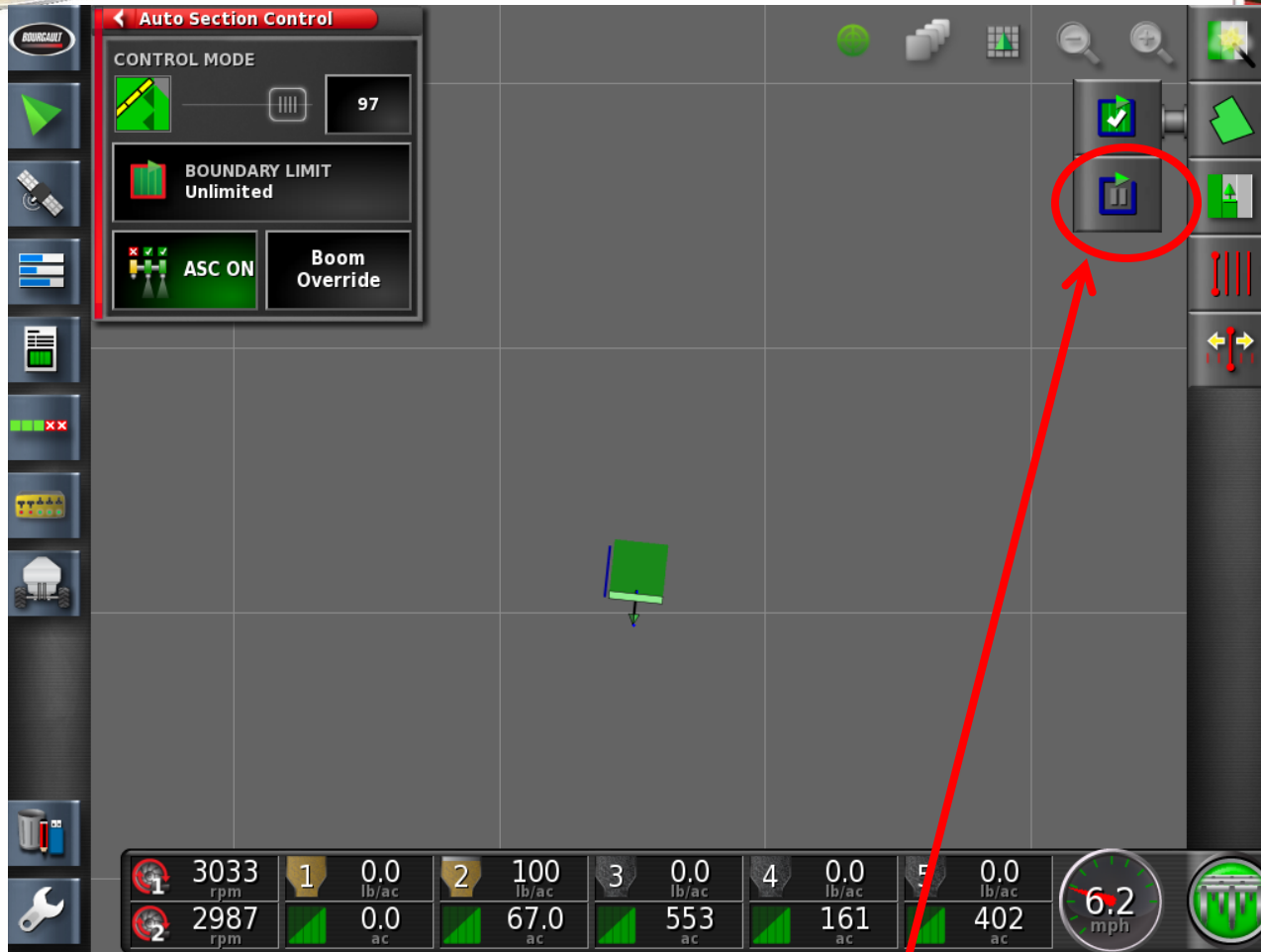
Set the offset to $\frac{1}{2}$ the implement width, negative if travelling with boundary to the left.



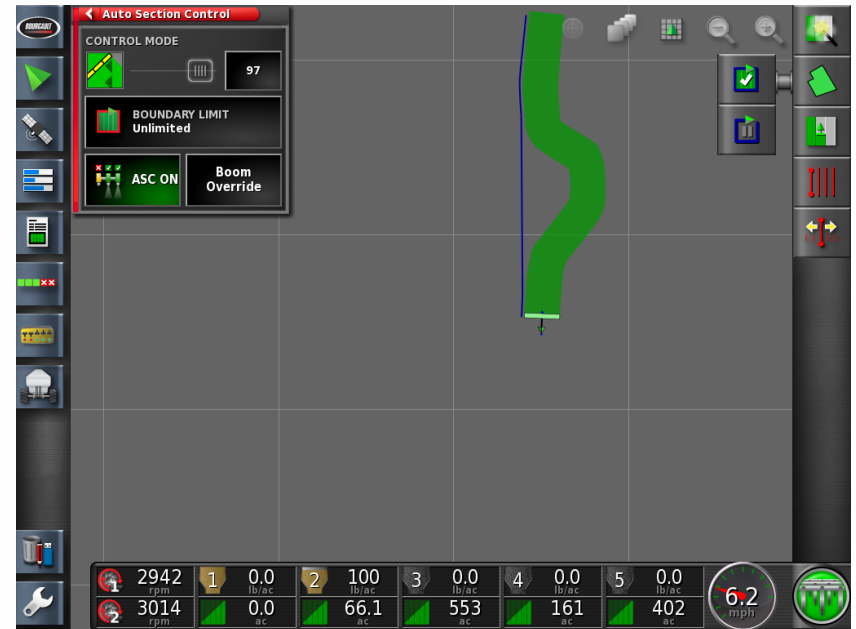
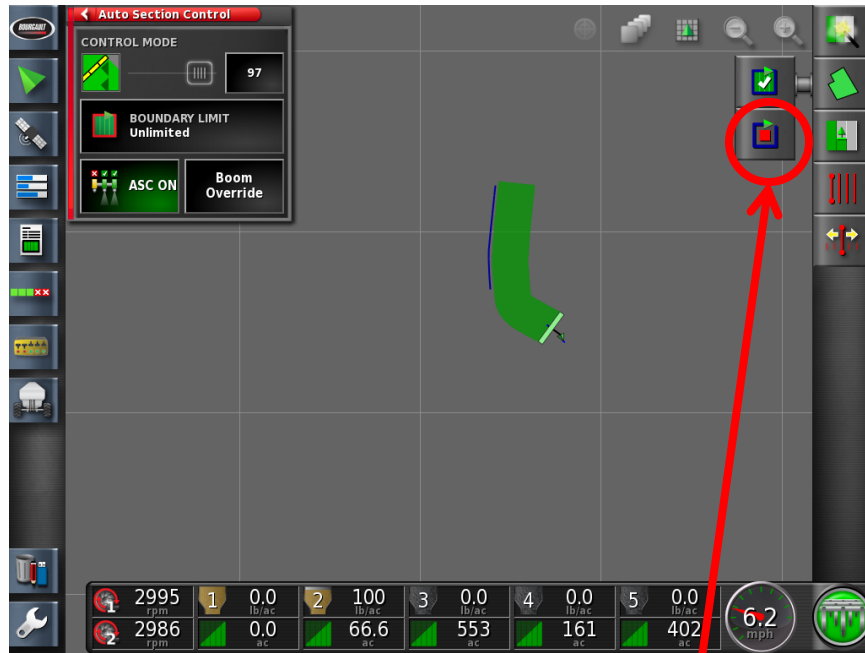
Select the Record Boundary tab



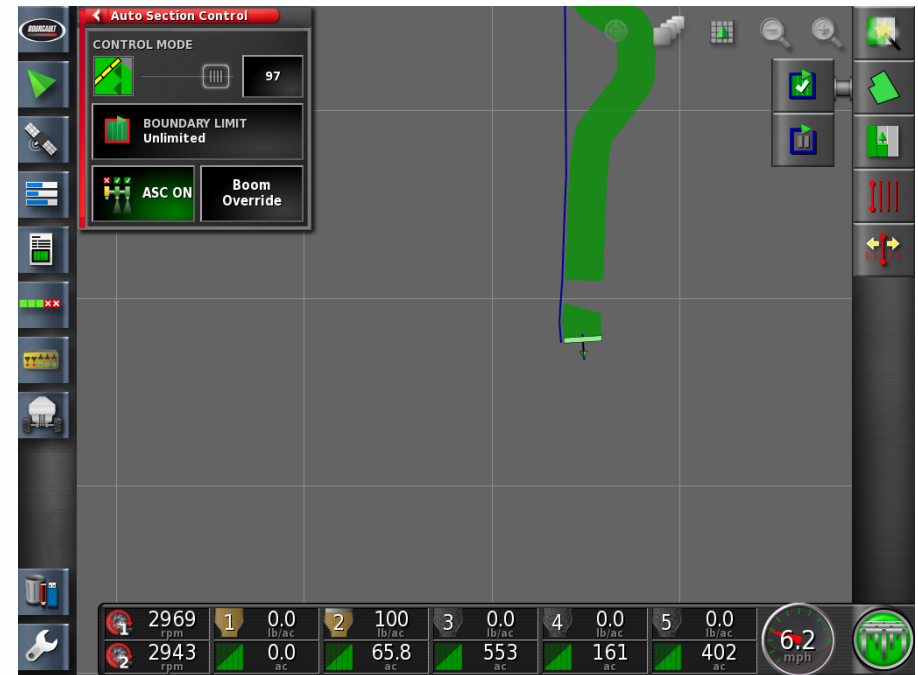
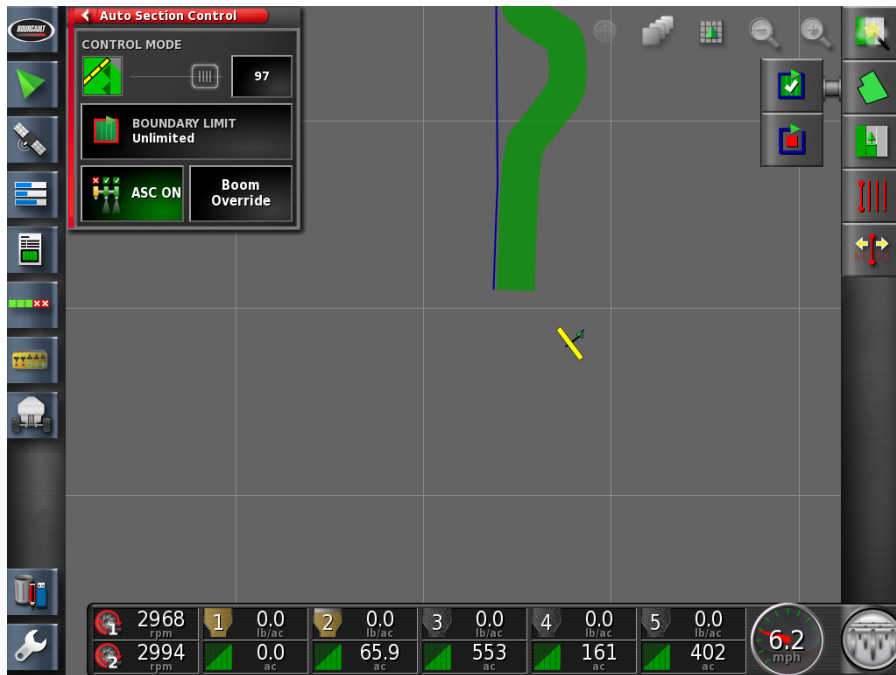
Drive the Boundary of the Field



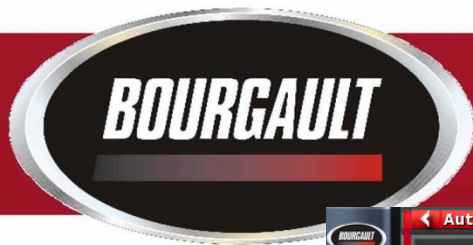
You can use the Pause Recording Boundary to pause while going around objects then resume recording once you are going straight again.



Once you are lined up again press the red record button to connect the boundary and resume recording.



The new software allows you to pause recording when you turn off the master clutch then restart when you engage the master again. (very useful on turn around)



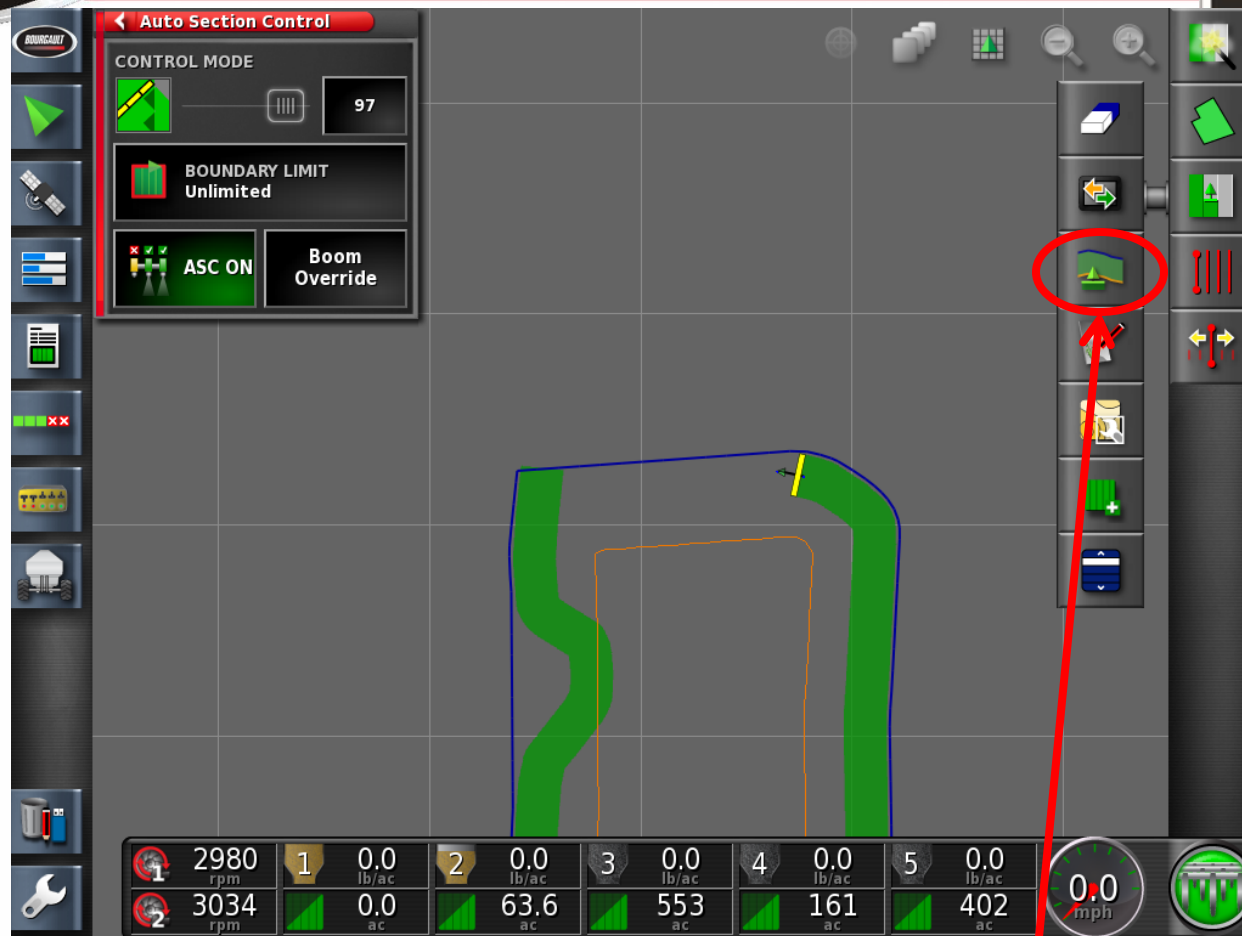
Once you are lined up with your starting position press the green box with a check to complete the boundary.



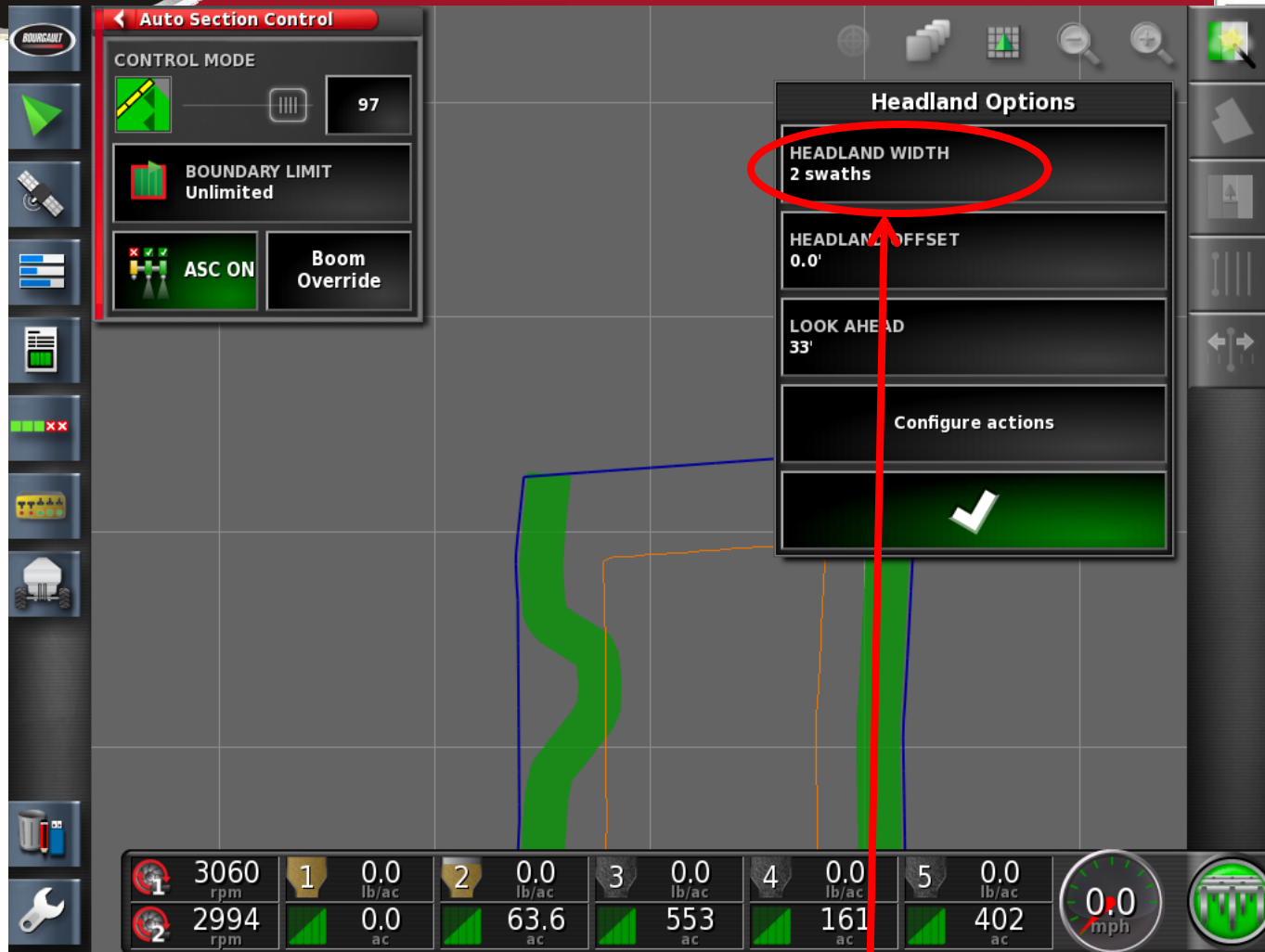
The drawing above shows the completed boundary in blue. Note that there is a second yellow line which is a headland offset boundary.



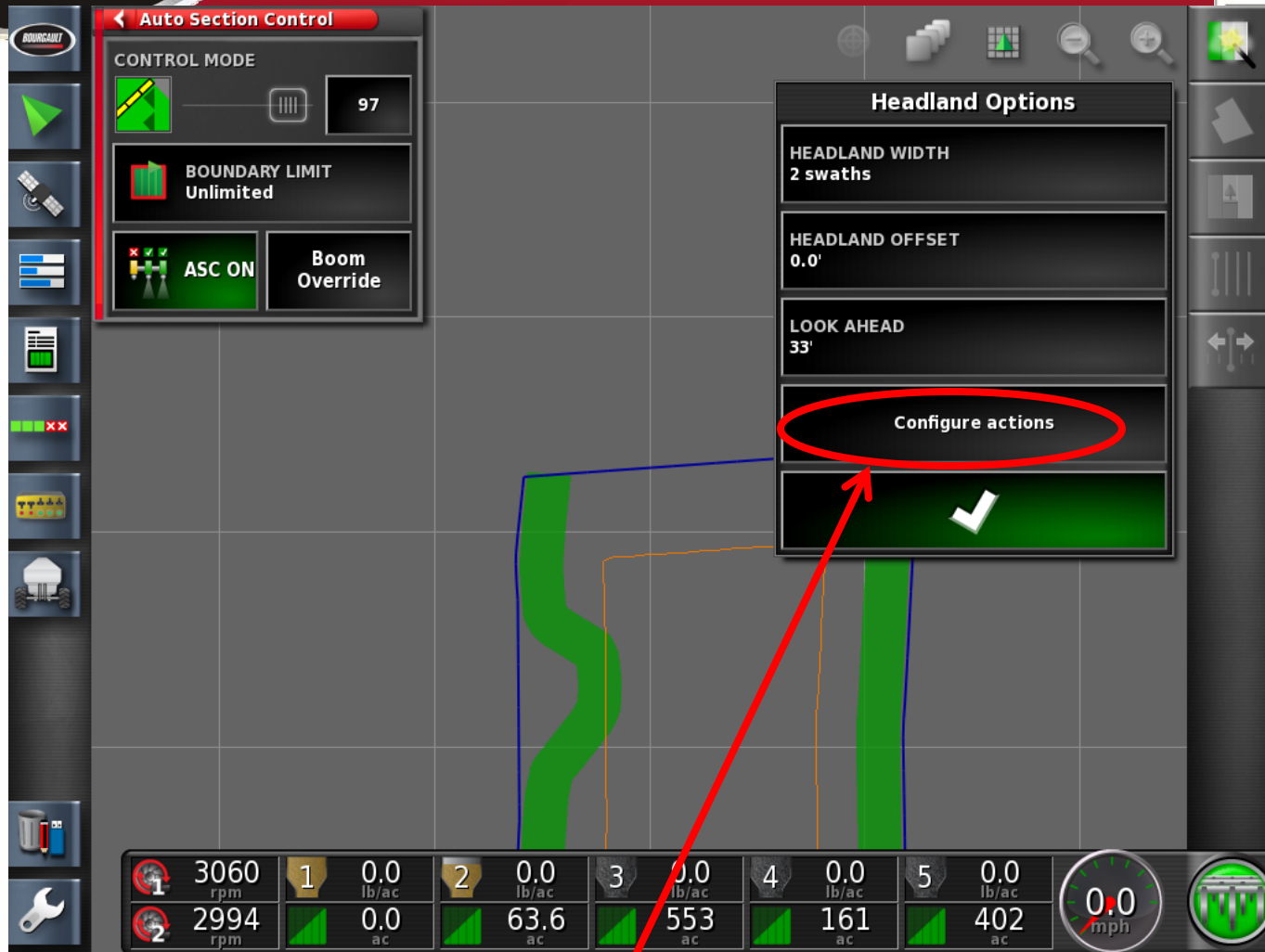
After completion of the field boundary (shown in blue) you can create a second Headland offset enabling the ability to seed the headlands last.



To set up the secondary boundary select the Configure Headlands icon.



Select how many headland swaths to determine the desired number of passes between the field boundary (blue line) and the headland boundary Yellow line).



You may also select Configure actions to preset a few options.



Auto Section Control

CONTROL MODE

97

BOUNDARY LIMIT Unlimited

ASC ON **Boom Override**

Configure Headland Actions

Action Name

Auto Zoom

Alarm

ACTION STATE Enabled

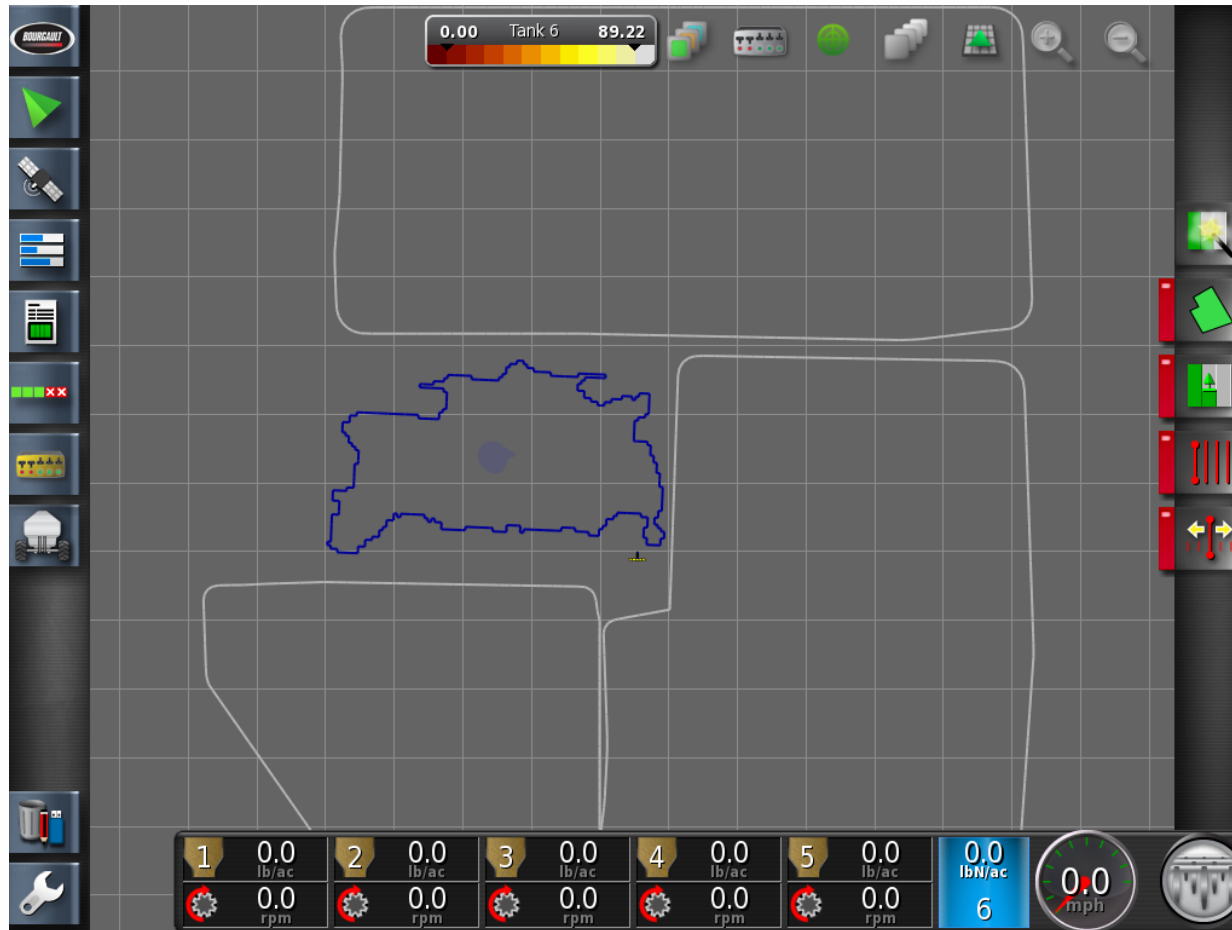
Zoom Level 7

1 3038 rpm **1** 0.0 lb/ac **2** 0.0 lb/ac **3** 0.0 lb/ac **4** 0.0 lb/ac **5** 0.0 lb/ac

2 3072 rpm 0.0 ac 63.6 ac 553 ac 161 ac 402 ac

0.0 mph

Actions may be selected as shown above.



Active Boundaries show up as **Blue Boundaries** and the other previously recorded inactive Boundaries will be **Grey Boundaries**.