BOURGAULT

X30
Monitor/Controller

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TOPCON
Precision Agriculture

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Mapping file formatting

The following steps will help create files with a desktop and then loaded into an X30 in the form of:

- Boundaries – boundaries of fields could be loaded from previous years or other maps in the .bdy format.
- Jobs – the X30 records location, elevation and coverage maps that can be exported. The X30 will auto create name or the customer can create job names that can be preloaded and pulled up later by the operator.
- VRC – The three parts of a shape file that are needed for a Variable Rate map to work in an X30 (.dbf, .shp and .shx). These files must be in specific folders to be loaded in an X30 properly.

Building folders with Boundary files

Create folders in the following format paying close attention to the lower case and capital letters.

- **Clients –** this is the primary folder that contains all of the other folders
  - **Client names –** You can create as many different clients as wish.
    - **Farm names –** Within each Client name you can have as many farm names as you wish.
      - **Field names –** Within Farm name you can have various field names.
        - **Boundaries –** Boundaries is a default name that must remain unchanged so the files can be found in the X30.
          - **ShapefilesForBoundary–** You must have this file name exactly as shown to allow the X30 to find the Boundaries.
            - **Field names –** The same name as shown above.
            - **Shape file –** This is the actual shape file to be loaded into the X30. Normally this will be formatted in a .shp format.

Building folders for X30 Logging

Create folders in the following format paying close attention to the lower case and capital letters.

- **Clients –** this is the primary folder that contains all of the other folders
  - **Client names –** You can create as many different clients as wish.
    - **Farm names –** Within each Client name you can have as many farm names as you wish.
      - **Field names –** Within Farm name you can have various field names.
        - **Boundaries**
        - **Jobs –** This is the folder within the Field name that has all of the Logging information that is generated by the X30
          - **This is the folder the X30 generates to store all the logged data files.**

Building folders Variable Rate Maps

Create folders in the following format paying close attention to the lower case and capital letters.

- **Clients –** this is the primary folder that contains all of the other folders
  - **Client names –** You can create as many different clients as wish.
    - **Farm names –** Within each Client name you can have as many farm names as you wish.
      - **Field names –** Within Farm name you can have various field names.
        - **Boundaries**
        - **Jobs**
        - **VRC –** Folder that stores variable rate map files
          - **Field names –** Use the same name as above.
            - **This folder contains the actual files that make up the variable rate map.** (.dbf, .shp, and .shx)
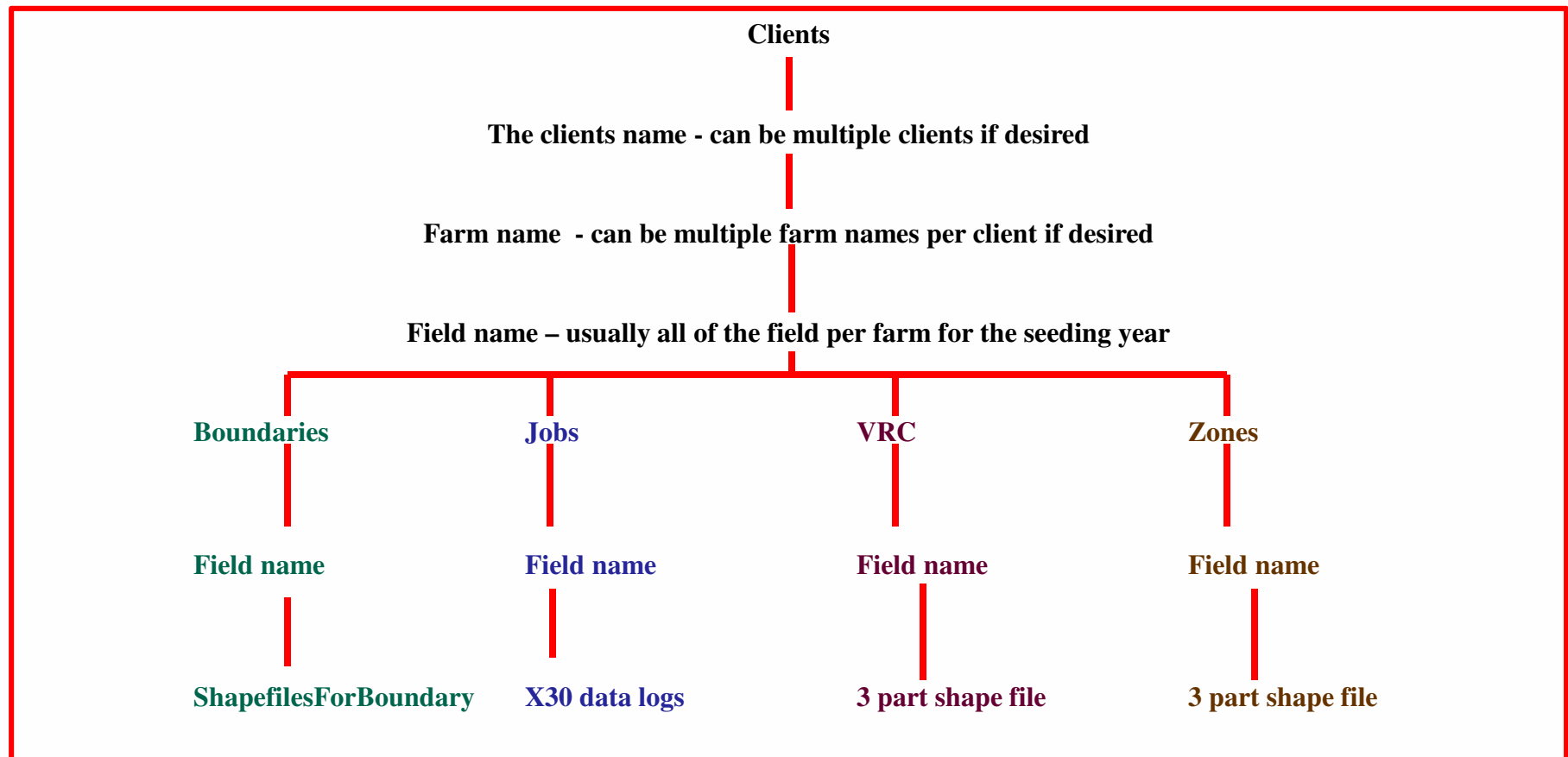
Building folders Exclusion Zone Maps

Create folders in the following format paying close attention to the lower case and capital letters.

- **Clients –** this is the primary folder that contains all of the other folders
  - **Client names –** You can create as many different clients as wish.
    - **Farm names –** Within each Client name you can have as many farm names as you wish.
      - **Field names –** Within Farm name you can have various field names.
        - **Boundaries**
        - **Jobs**
        - **VRC**
        - **Zones –** This folder contains the exclusion zones which can be created by the X30 or the user can install the shape files.
          - **Field names –** Same as above
            - **Shape files –** These are the 3 parts of a shape file that make up an exclusion zone. (.dbf, .shp, and .shx)

The following pages outline how to transfer files to the hard drive of the X30 as long as the files are in the correct format.

Clients

The clients name - can be multiple clients if desired

Farm name - can be multiple farm names per client if desired

Field name – usually all of the field per farm for the seeding year

Boundaries	Jobs	VRC	Zones
Field name	Field name	Field name	Field name
ShapefilesForBoundary	X30 data logs	3 part shape file	3 part shape file

From the operating screen touch the Inventory Manager icon

With a USB memory stick installed touch the blue icon.

BOURGAULT

X30 Monitor/Controller

Seeder Controller

1 | 2

4430 rpm | 4479 rpm

1 | 2

GPS Position

LATITUDE

LONGITUDE

EASTING

NORTHING

Switch Box

1	2
3	4
5	6
7	8

Inventory Manager (USB)

CATEGORY
Vehicles

No Entries

0.0 lb/ac
5
0.0 lb/ac
0.0 lb/min
0.0 rpm
03:43 pm
29 Nov
0
--- No GPS
5.0 mph
N
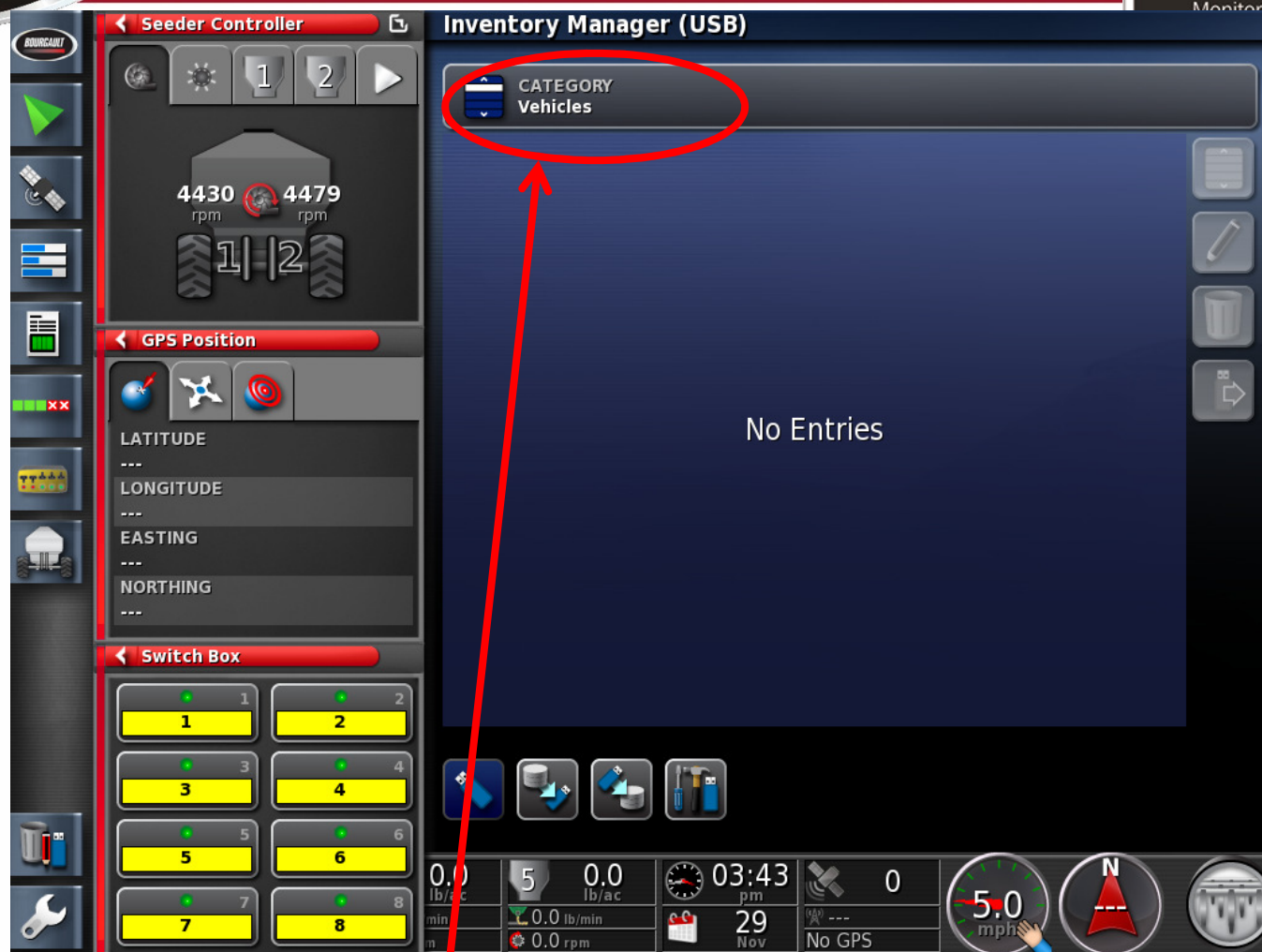
Touch the CATEGORY tab to get more selections
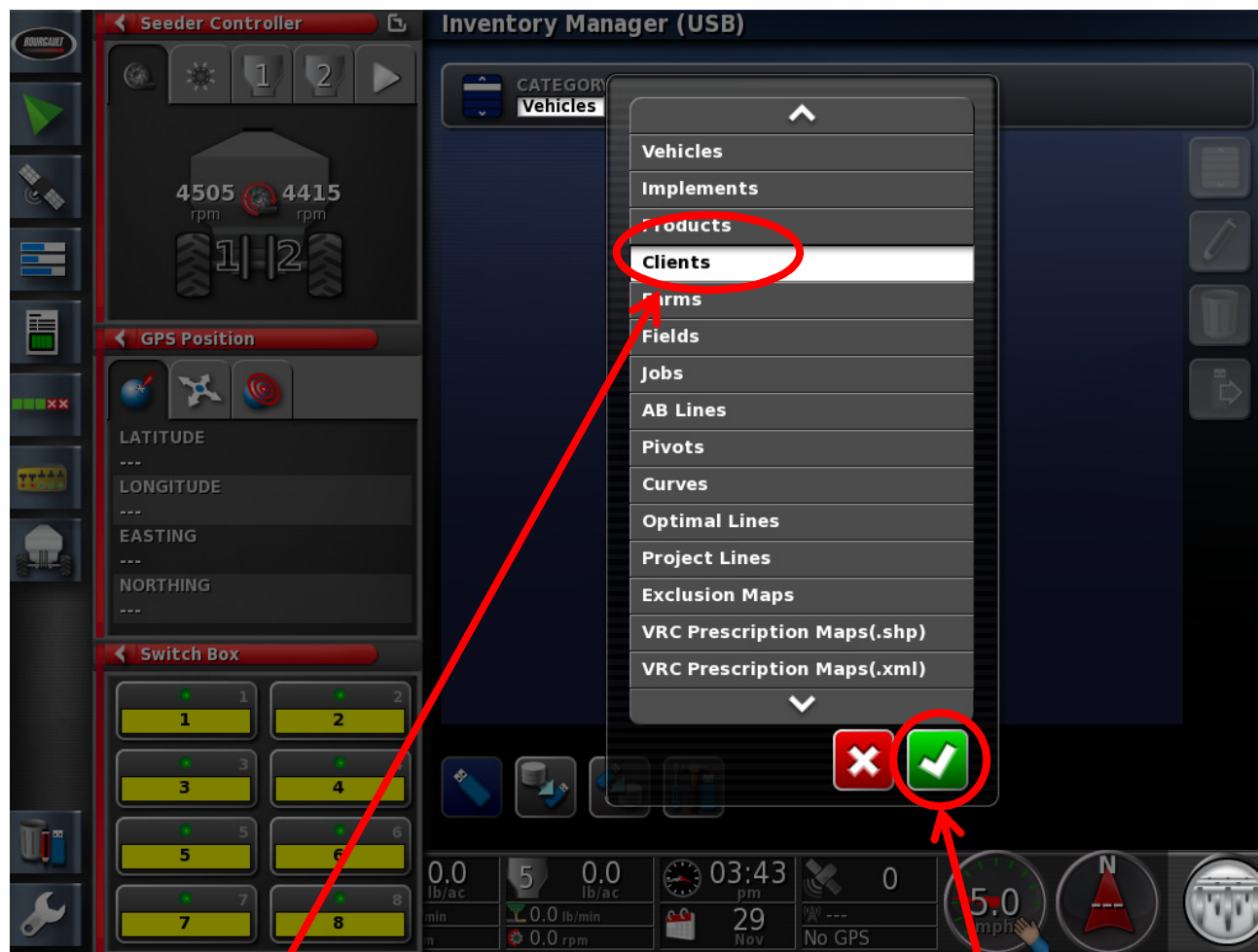
Select Clients from the drop down and press the green check
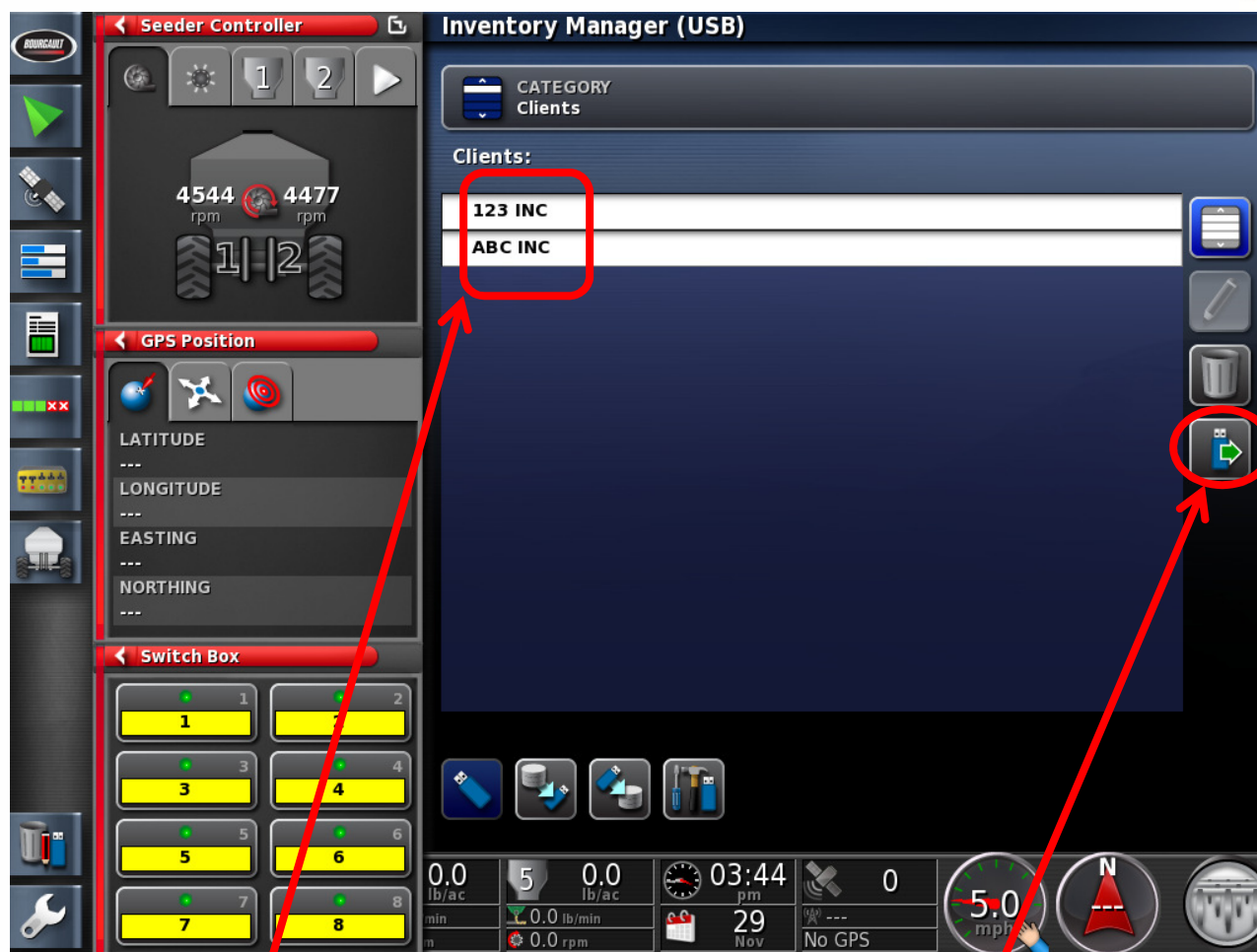
Select clients to be transferred then press the USB / arrow icon

Once file transfer is complete touch the green check