



Shell Canada

## **Groundbirch Operations**

Shell Rules of the Road Vol 2 Communication  
Changes Scheduled for October 1, 2011

## Resource Road Communication

**On October 1, 2011**, Shell's Groundbirch Operations will be adding three Resource Road (RR) radio channels to their operating area and changing two mainline radio calling procedures. All contractors will need to ensure their vehicles are equipped with these channels to use on Shell's Resource Roads.

### 1.1 Key Facts YOU Need to Know

Key facts you **NEED** to know about the proper use of the RR channels and narrow band capable 2-way radios:

1. These assigned channels are to be used **only** where the new RR channels are posted i.e. RR-19C.
2. The 2-way radios that are used for these narrow band channels **MUST BE** legally capable of being properly programmed with narrow band frequencies.

*Note: Equipment that is older than 1997 will likely need to be replaced and updated with newer equipment capable of properly transmitting and receiving these narrow band channels.*

3. RR frequencies **MUST ONLY** be programmed by qualified and authorized Technicians.
4. Self programming of 2-way radios **IS NOT LEGAL**.
5. We recommend the radio operator maintain and provide a copy of the documentation (with the radio) confirming the 2-way radio has been programmed by a qualified Radio Technician.
6. To ensure a transmission is not cut off, radio operators need to ensure the microphone is fully depressed and wait for a half second before speaking.
7. All users of 2-way radios **MUST** have a radio license issued by Industry Canada. For more information or to apply for a radio license, call Industry Canada at 1-(800)-667-3780.

## 1.2 List of the Three New Resource Road Channels

The channels listed below are additional to RR19C, RR 11C, RR 25B:

### New RR Channels

RR 23C

RR 12A

RR 17A

*There are 85 Channels for the entire South Peace region. To get a full list for your workers, please go to the following link:*

<http://www.for.gov.bc.ca/ftp/dpc/external/!publish/RoadSafety/>

## 1.3 Radio Calling Procedure Change For Stewart Lake Road and Sanataa Road

- Only Heavy Goods Vehicles (>5500 kg) will call their kilometers on the assigned radio channels
- Light Duty vehicles (<5500 kg) will monitor the road and radio traffic
- Light Duty vehicles will call at must call signs and situations
  - Start of a Road
  - Intersections
  - Must Call Signs
- Light Duty vehicles will yield to Heavy Good Vehicles
- RESPECT OTHER DRIVERS ON THE ROAD

Note: The projected completion date for the Sanataa Road Construction is October 1, 2011 however this could not be completed until November 2011 or Spring 2012

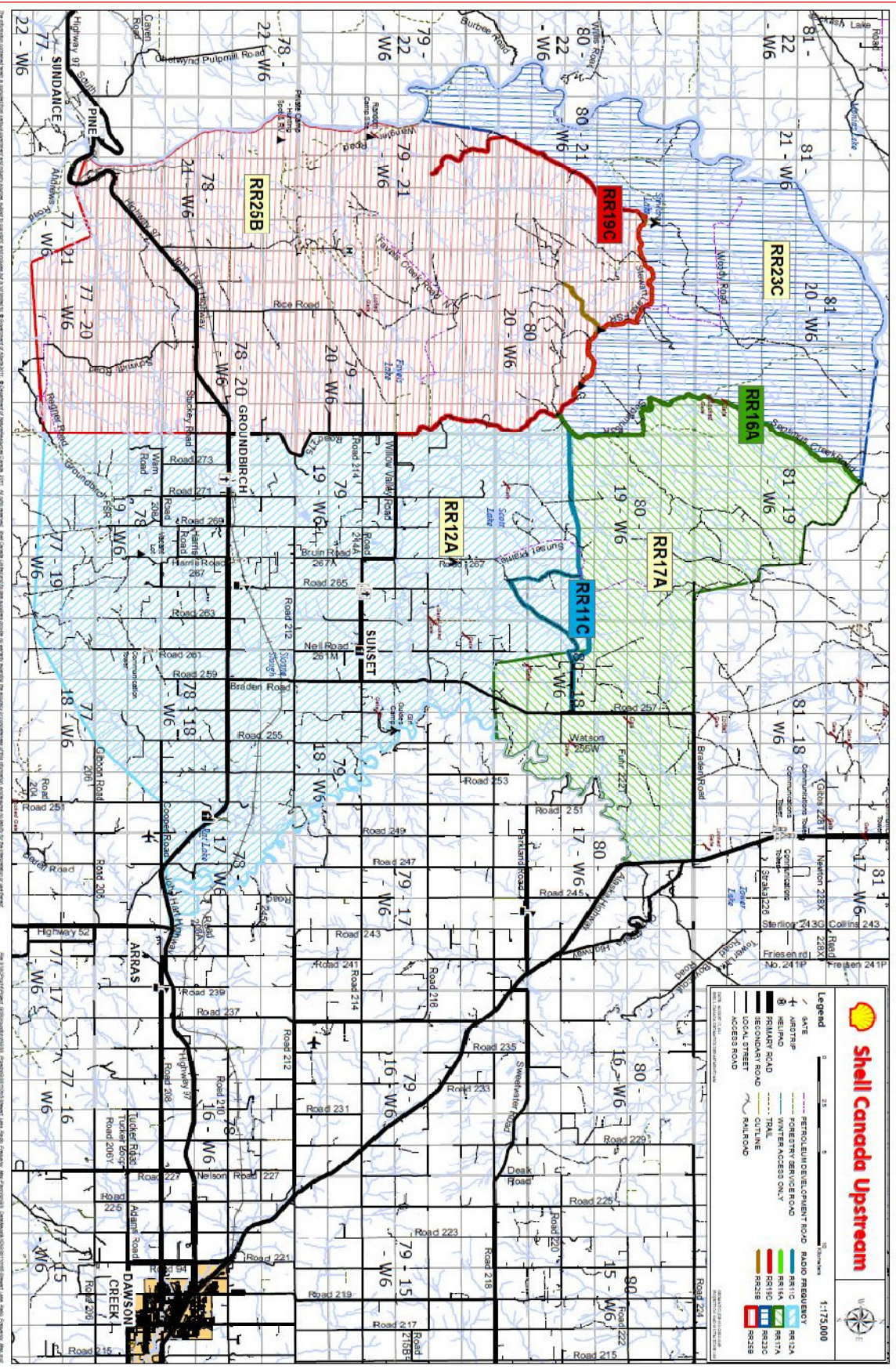
## 1.4 British Columbia Radio Calling Protocol

### **\*ON ALL OTHER ROADS BC CALLING PROCEDURES APPLY\***

- "UP" and "DOWN" will be the terms used to identify travel direction. "UP" will be assigned in the direction of increasing kilometre signs; "DOWN" will be assigned in the direction of decreasing kilometre signs.
- All users call the kilometre, travel direction, and road name (i.e. "12 km UP on Ojay Main").
- Vehicles travelling in the "UP" direction call every EVEN km and vehicles travelling in the "DOWN" direction call every ODD km.
- Must call situations for both up and down travelling vehicles are:
  - When entering a new road system
  - At posted "Must Call" signs
  - Whenever there is a road frequency/channel change, or when leaving a road
  - Whenever you are stopping and parking on the road, and again when you resume
  - Whenever you encounter a vehicle travelling without a radio.

- Convoy calling is allowed:
  - The lead vehicle is responsible for calling for all vehicles in the convoy;
  - It is the responsibility of the vehicle joining or leaving the convoy to inform and to receive confirmation from the lead vehicle
  - Convoys that exceed 3 HGVs must travel with a min. of front & rear pilot vehicles
  - A vehicle more than 1 km behind the lead vehicle is no longer part of that convoy and must call their own position
  - A vehicle must be in sight of the vehicle in front of them or evidence that they are very close (dust, lights or turbulence) to be considered as part of a convoy
- Never overtake any vehicle without notifying them on the radio and receiving the "OK" or seeing them pull clear.
- Avoid distractions while monitoring the road channel:
  - No unnecessary radio chatter
  - Avoid noise distractions i.e. AM/FM radios, phones, music players, passengers;
  - Stay on designated road channel at all times while travelling.
- Prior to entering a road system, ask for a radio check.
- When responding to a radio check, respond by indicating the signal strength and clarity (i.e. 5 by 5 indicates loud and clear).
- RR channels are for traffic management purposes only. Conduct all other communication on a non-RR channel when not travelling on a RR. When switching channels between road systems, request oncoming traffic to indicate if "anyone is close".

# Groundbirch Radio Frequency Map



1:175,000

- Legend**
- GATE
  - AIRSTRIP
  - HELIPAD
  - PRIMARY ROAD
  - SECONDARY ROAD
  - LOCAL STREET
  - ACCESS ROAD
  - SEMI-SURF/COMPLET ROAD
  - FORESTRY SERVICE ROAD
  - WINTER ACCESS ONLY
  - TRAIL
  - CUTLINE
  - RAILROAD
  - RADIO FREQUENCY
  - RR17A
  - RR11C
  - RR19C
  - RR23C
  - RR16A
  - RR12A
  - RR25B

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