

## **Procedure for modifying Resource Road (RR) mobile radio channel assignments in the field**

Changes to Resource Road (RR) Channel assignments must be carefully and judiciously managed to avoid conflicts with existing and future channel assignments. The current set of RR channels (35 road channels, 5 loading channels), assigned by Industry Canada for resource road use in British Columbia. There are no additional RR channels anticipated to be provided for resource road radio communications going forward.

The standard bank of RR channels has been assigned to the Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) by industry Canada, to be managed and administered in conjunction with Industry Canada. MFLNRO will be responsible for administering, tracking and application of channels assignments in the field.

In order to effectively manage the RR channels and efficiency for long term use, the following procedure has been established for modifying RR channel assignments in the field.

It is recommended that proponents anticipating temporary channel assignments bring them forward for discussion with other stakeholders, in particular at road user groups. Adequate diligence must be undertaken to avoid mobile radio communication conflicts, safe implementation and use, and long term sustainability of the RR channel network.

1. Proponents bring forward channel assignment or change requests with rationale submitted to MFLNRO district office, attention Engineering Officer.  
Rationale would include:
  - map showing geographic area with proposed change
  - anticipated time that change would be required (eg short duration temporary use versus long term permanent change)
  - proposed channel for implementation
  - consultation with other stakeholders that has occurred
  - steps that will be undertaken for implementation and decommissioning in the case of temporary usage including:
    - further consultation and communications to be undertaken
    - signage to be implemented and decommissioned (in the case of temporary use)
2. Engineering Officer to evaluate request and assess reasonableness.
  - If reasonable, determine whether needs to be further consultation with other parties, particularly road user group.
  - Consult with stakeholders as may be appropriate.
  - Consultation should include discussions on implementation roles and responsibilities (eg identify who will be responsible for communications and new or changed signage)
3. MFLNRO Engineering Officer completes consultation and evaluation of the request including proposed or changed channel(s) to be implemented.
4. If MFLNRO Engineering Officer agrees with moving forward with the request, they will forward to Industry Canada for their review

5. Industry Canada would then review for potential conflicts & approve and/or make recommendations as may be appropriate.
6. If approved by IC, the MFLNRO Engineering Officer would ensure coordination of implementation is addressed with proponent(s) including:
  - communications of change
  - signage changes
  - modification of district mobile radio channel maps and website are updated
  - where temporary use has been applied, that decommissioning of signage subsequent to use has occurred

### **Temporary Channel Assignments for Flexible Application**

To address operational requirements for short duration intensified industrial resource road traffic in localized areas, channel assignments can be pre-identified for temporary use in a specified geographic area. Operators would have the flexibility to apply the specified short term use channel without seeking further specific approvals. The intent would be to pre-clear specified RR channels to avoid conflicts with surrounding channels, for a specific geographic area for temporary use. The foregoing procedure will be applied with the clear indication of the geographic area to be encompassed where the temporary RR channels are proposed to be utilized.

### **Loading (LD) Channels are not to be used for resource road travel communications.**

Loading (LD) channels have been specifically identified for use on loading, landing, pad sites in order to provide for communications between local equipment and transient trucks on those sites, to avoid having necessary local site communications interfere with road channel communications.

## Appendix – RR Channel Assignment Limitations

The following table list geographic limitations for use of various RR Channels

RR Channel	Frequency	Frequency Offset	Assignment Limitations
1	150.08		
2	150.11	30	Do not use South East VI, Lower mainland & Sunshine coast
3	150.14	30	
4	150.185	45	
5	150.2	15	
6	150.245	45	
7	150.26	15	
8	150.32	60	
9	150.365	45	Do not use Limit Southern Vancouver Island
10	150.41	45	Do not use Limit Southern Vancouver Island
11	150.44	30	Do not use Limit Southern Vancouver Island
12	150.5	60	
13	150.53	30	
14	150.545	15	
15	150.56	15	
16	150.59	30	
17	150.68	90	
18	150.71	30	
19	150.77	60	

20	150.83	60	Do not use available withn 64 KM of Alaska boarder
21	151.01	180	Do not use within 64 km of all US boarder
22	151.13	120	Do not use within 64 km of all US boarder
23	151.19	60	Do not use within 64 km of all US boarder
24	151.22	30	Do not use within 64 km of all US boarder
25	151.31	90	Do not use within 64 km of all US boarder
26	151.34	30	Do not use within 64 km of all US boarder
27	151.37	30	Do not use within 64 km of all US boarder
28	151.43	60	Do not use within 64 km of Alaska border
29	151.46	30	Do not use within 64 km of US border to the south
30	151.49	30	Do not use within 64 km of all US boarders
31	151.52	30	Do not use within 64 km of all US boarders
32	151.58	60	Do not use within 64 km of all US boarders
33	151.61	30	OK
34	151.64	30	Do not use within 64 km of Washington boarder
35	151.67	30	Do not use within 110 km of Washington border west of Princeton
LD-1	151.7	30	ok
LD-2	151.745	45	Do not use within 64 KM of southern boarder with US; within 50 KM of Prince Rupert; or 200 KM of Juneau Alaska

LD-3	151.79	45	Do not use within 20 km of Victoria
LD-4	151.805	15	Do not use within 64 km of all US boarder
LD-5	151.85	45	Do not use witin in the Stikine River watershed

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