

## **ANNEX 3 COMMUNICATIONS AND ACCOMMODATION**

### **3.1 COMMUNICATION OVERVIEW**

The Emergency Operations Centre will be the communication hub and information relevant to the oil spill response and logistic support will be channelled through it. It can also be the centre where the news media can receive information.

From the commencement of the response activity all communications between the oil spill scene and the EOC will be by the most appropriate means, but will most likely be by VHF radio, cellphone, telephone or wireless internet and laptops. It is possible for the cellphone system to become overloaded in emergencies. It is noted that cellphone coverage at some of the remote south coast locations is marginal at best. If supporting organisations are engaged they will use their own radio systems. In the event of a major clean-up operation, the OSC may designate a suitable local site as a safe forward point.

In a major spill, sea, air and land clean-up operations may be taking place at the same time. Therefore, it will probably be necessary to allocate different radio frequencies (through the establishment of a number of “nets” as described below) for each operation.

Annex 3 of the National Marine Oil Spill Contingency Plan outlines the communications systems used within New Zealand that may be utilised during a response. It is important that Team members are familiar with systems, as they may be useful to assist with a Tier 2 response and the Team may be called upon to assist with a Tier 3 response.

#### **Safety Note:**

Radios, cell phones, pagers and certain cameras must not be taken on board tankers or into a spill situation where they may ignite vapours. Only some Council hand-held Radio Telephones are intrinsically safe.

### **3.2 INITIAL COMMUNICATIONS**

In the early stages of an oil spill clean-up operation, it is likely that an interim communications point will be established in one of the Council’s vehicles fitted with cellphones / FM fleetlink trunked VHF radio. For the purposes of this plan, the Hawke’s Bay Regional Council reception is the initial primary communication point.

### **3.3 DEVELOPING A COMMUNICATIONS PLAN**

It is important that all team members understand how to communicate with one another in a response. Develop a plan which includes diagrams showing how teams can communicate with one another, keeping lists in alphabetical order, including a hierarchical structure and network diagrams as appropriate, an example is provided in Appendix A. Ensure key cell phone numbers and call signs are provided at the end of the initial briefing. If an event scales up to a Tier 3 event, MNZ may establish a National oil spill communications plan.

### **3.4 CHANNELS OF COMMUNICATION**

There are several methods of communication available to the Incident Command Team and field personnel. These are listed in a) – h) below. The method of communication used is dependant on the constraints imposed by the sites. This Annex and Annex 4 outline the local constraints to communication / communication options at various coastal sites in more detail. The channels of communication will be designated on the day as this will allow the On Scene Commander to establish channels of communication that fit the required response operation. All supporting organisations will use their own radio networks and facilities (however only intrinsically safe equipment will be permitted into restricted areas).

a) Radio Telephone transceivers Mobile base sets

A number of organisations in Hawke's Bay maintain operate two-way radio networks and have RT's field in their vehicles and at their office facilities. Use of these resources need to be carefully considered to ensure interoperability capability.

- The Hawke's Bay Regional Council operate a trunked fleet-link network (available in most Council vehicles and on 6 handhelds) and radio telephones which are incompatible with the open channel Civil Defence Emergency Management network (ESB1 & ESB133 managed by the HBRC) and RT's. Further details of communications equipment is outlined in the HBRC Emergency Procedures Manual.

b) Radio Telephone transceivers hand-held sets

A number of organisations in Hawke's Bay maintain stocks of hand-held radio telephones. Many of these Hand-Held RT's have both simplex (line-of-sight) and duplex (requiring a repeater) frequencies programmed.

- Civil Defence Emergency Management and ~~Rural Fire Authorities~~ Fire & Emergency New Zealand maintain a reasonable number of Hand-Held Rt's
- Fire & Emergency New Zealand ~~New Zealand Fire Service~~ maintain a small number of Hand-Held Rt's
- New Zealand Police Land Search and Rescue maintain a small number of Hand-Held Rt's

c) Repeaters

A number of organisations in Hawke's Bay operate fixed site repeaters which if compatible with the frequencies programmed into available radio telephones could be used to communicate with distant or in difficult terrains.

- Civil Defence Emergency Management and Fire & Emergency New Zealand ~~Rural Fire Authorities~~, local Authorities and a number of Contracting Companies maintain fixed site repeaters.
- There are also a number of private networks like Rangitoto Radio Ltd.

d) Portable Repeaters

A number of organisations in Hawke's Bay maintain portable repeaters which if compatible with the frequencies programmed into available radio telephones could be used to communicate with distant or in difficult terrains.

The Hastings District Council Civil Defence Emergency Management and Fire & Emergency New Zealand ~~Rural Fire Authority~~ has 1 portable repeater in Hastings

Fire & Emergency New Zealand ~~The New Zealand Fire Service~~ (Eastern Region) has 2 portable repeaters available that could be used for communication in remote areas.

The Fire & Emergency New Zealand ~~National Rural Fire Authority~~ has 1 portable repeater in Hastings (at HDC CDEM/RF office).

These repeaters are available for use in oil spill response if NZFS or the RFA have no pressing need.

e) Coastal Communication Facilities

Several stations, holiday parks and residents along the Hawke's Bay coastline have volunteered their radio and telephone facilities in the case of an oil spill response. These facilities and contact numbers are outlined in below.

f) VHF Marine Channels available

The VHF marine channels available for oil spill operations are:

| <i>Channels</i>           | <i>Used for</i>   |
|---------------------------|---|
| M8, M9, M11, M13, M14     | Working channel for harbour authority radio stations on port operations and shipping movements  |
| M16                       | Distress and calling  |
| M62                       | Local fishing club frequency with repeater, also used by Coastguard. Can be used outside range of other channels. Particularly useful for communications with recreational vessels. |
| M68                       | Napier Maritime Radio   |
| <del>M82</del> <u>M01</u> | Coastguard channel – better coverage than 62 but Coastguard have priority of use if missing person at sea.  |

PONL uses Ch M6, M10 and M12 for shipping movements and Ch M9 for harbour works

If using Marine VHF radio communication in an oil spill response the call up should be channels 16, 62 & ~~82~~01 to notify of the oil spill response and restrictions and then change channel to 6 or as alternative channels 73,17, 74, 77, if they are available on radios and are free and not working at the time. These are not available on every VHF radio. M9 has been used in exercises.

g) VHF Land-based Channels available

The VHF Land-based channels that could be made available for oil spill operations are:

| <i>Channels</i> | <i>Used for</i>   |
|-----------------|---|
| ESB 164         | NZFS CIMS portable repeater (Duplex)                      |
| ESB 180         | NZFS portable repeater (Duplex)                           |
| ESX 39          | NZFS CIMS On-scene command (Simplex)                      |
| ESB 1           | HBRC – CDEM Fixed repeater (Duplex) .with DORT capability |
| ESB 133         | HBRC – CDEM Fixed repeater (Duplex)                       |

### 3.5 COASTAL COMMUNICATION AND ACCOMMODATION

The following stations, holiday parks and residents along the Hawke's Bay coastline have volunteered their communication systems and associated accommodation facilities in the case of an oil spill response.

The list will need to be updated every 12 months by the On Scene Commander.

| Area                 | Name   | Facilities   | Cell Cover? | Contact   |
|----------------------|--|--|-------------|---|
| Porangahau           | Beach Road Holiday Park, 466 Beach Rd, Porangahau<br>Don & Roseanne Steele       | <b>Telephone, CD Radio linked with Central Hawke's Bay District Council</b> , toilets, showers, cooking and dining facilities and accommodation (tents & cabins)   |             | Ph 06-855 5281  |
| Blackhead            | Blackhead Station<br>Longrange Road<br>John McKee ①                              | <b>CB VHF Radio in boat &amp; house, cell phone, Council CD Radio in house</b> , accommodation (20), toilets, showers, cooking etc.<br><i>①Also CD contact for area and able to assist with a boat</i>   | No          | Ph 06 857 7833<br>0274 415 763<br>fax 06 857 7834<br><a href="mailto:mckiwicharture@xtra.co.nz">mckiwicharture@xtra.co.nz</a> |
| Blackhead / Aramoana | Rod & Karen Hansen ②   | <b>Police / Fire Radio at Shoal Bay</b><br><br><i>② Rod key contact for this area knows all about radios. Manages marine reserve for fisheries, contacts to HBRC for pest control, manages Shoal Bay &amp; is CD contact</i>   | No          | 06 8577 866<br>027 214 4123   |
| Aramoana             | Shearers Quarters, Gibraltar Road, Aramoana<br>Chip McHardy                      | <b>Private telephone</b> , 2 farm cottages, plus woolshed and campground ablutions and kitchen   | No          | Ph 06 8577 854<br>027 2088 734<br>mmch@xtra.co.nz   |
| Pourerere            | Punawaitai Station<br>Holiday accomadation.<br>3339 Pourerere Rd<br>John Nation  | <b>Private telephone</b> , 22 beds, cooking facilities, toilets, showers, can have tents / caravans. A defribulator at one of the fishermans permanent residences in Pourerere.<br><br>Boat channel much more reliable access to sea at Pourerere than Aramoana.<br><br>Radios in farm vehicles which can be used if on same channel | No          | Ph/Fx 06-857 3721   |
| Pourerere            | Sue and Max Nathan (CD Managers)<br>3382/4 Pourerere Road<br>RD1<br>Waipawa 4271 | Civil Defence R/T plus marine R/T (Sue checks in most Pourerere commercial fishing boats).<br><br>Marion Harty lives at Pourerere Station.   |             | Ph 06 8575185<br>Ph 0274464170<br>Email<br>m.s.nathan@xtra.co.nz  |

| Area          | Name   | Facilities  | Cell Cover ? | Contact  |
|---------------|--|---|--------------|--|
| Mangakuri     | Mangakuri Station,<br>Mangakuri Rd.<br>Bruce & Kate D'Ath<br>(Manager)                                 | <b>House on the beach, and telephone at the station house,</b> accommodation approx. 9, toilets, showers available, cooking facilities. Also have RT's and small generator. | No           | Ph/Fx 06-858 4280<br>Mark Williams<br>06-858 4947,<br>Mobile 0274 756 560  |
|               | Dolphin Cottage<br>34 Okaihau Rd<br>Ian Waterson   | <b>VHF marine set at house and in boat</b>  | No           | Ph 06-858 4200<br>No email   |
| Kairakau      | 1229 Kairakau Road<br>Elsthorpe 4295<br>Mo and Viv Pearse (CD Managers & hold CD R/T)                  | <b>Telephone, CD radio telephone.</b> Kairakau camp site has 2 toilets and sites for caravans and tents   |              | Ph 06 8584251<br>Email<br>clareview@xtra.co.nz   |
| Waimarama     | Waimarama Seaside Resort, 30 Harper Road<br>Ruth Brightwell  | Tent facilities. Toilets, showers, cooking facilities cater for approx. 100. Surf life saving tower would provide a good observation point.                                 |              | Ph 06-874 6813<br>Fx 06-874 6816<br>ruth.bright@xtra.co.nz   |
| Clifton       | Clifton Motor Camp<br>Bob Pollack (Manager)  | <b>Telephone,</b> accommodation for approx 23, kitchen, toilets, showers, camp sites for tents and caravans   | Yes          | Ph 06- 875 0263, 027 407 8107<br>Fax: 06 875 0265<br><br>Email TBA<br><a href="http://www.holidayparks.co.nz/clifton">www.holidayparks.co.nz/clifton</a> |
| Waipatiki     | Waipatiki Beach Motor Camp,<br>498 Waipatiki Road,<br>RD1 Napier<br>Fiona Whyte & Greg Morgan (owners) | <b>Telephone, 2 hand held radio sets,</b> accommodation = cabins for approx. 30, caravan and tent sites. Toilets, showers, cooking facilities cater for approx. 150.        | No           | Ph 06-836 6075<br>Fx 06-836 6051<br>fionaw@farmside.co.nz  |
| South Waikari | South Waikari Station<br>Peter Manson  | <b>Telephone,</b> accommodation, toilets, showers and cooking facilities.   |              | Contact HBRC Wairoa for contacts<br>06 838 8527  |
| Mohaka        | Springhill Station<br>Mohaka Coach Road<br>Tim & Kelly Archer  | <b>Telephone,</b> accommodation for approx 12, toilets, showers and cooking facilities.   | Pat chy 027  | Ph 06 837 6813<br>027 267 0494<br>Fx 06 837 6823<br>springhill@farmside.co.nz  |

| Area           | Name  | Facilities   | Cell<br>Cove<br>r? | Contact  |
|----------------|---|--|--------------------|--|
| Wairoa         | Wairoa District Council<br>Queen Street<br>Wairoa<br><del>Tim Allen</del>             | <b>Telephones, CD network</b> , maps, whiteboards, etc., toilet facilities, 1 shower, accom. and food, etc can be arranged as required.  |                    | 0-6-838 7309<br><del>ext 713</del><br><del>027 272</del><br><del>769324/7</del><br><del>tim@wairoadc.govt.nz</del><br>Fax: 06-838 8874   |
| Onenui Station | 2074 Mahia East Coast Road, PO Box 31, Mahia<br>Manager John Hitchcock & Rachel D'Ath | <b>Telephone</b> , RT Communications available. Accommodation for approximately 12.  |                    | Ph: 06-837 5671<br>Fax: 06-837 5006<br>onenui@gisborne.net.nz  |
| Mahia          | Mahia Beach Motor Camp, Moana Drive<br>Jocelyn Zamè                                   | Accommodation = motel for approx. 50, cabins for approx. 50. Toilet, shower, cooking facilities. Boat launching facilities along the Mokotahi beach and at Whangawehi (limited to 3-4 hours either side of high tide.<br><br><b>Fire force available</b> (contact National Fire Control) at Fire station on Newcastle St, Mahia Beach (Fire Chief: <del>John Smith</del> , Dep. Fire Chief: Ian Pickering Contains fire appliance, 5000 l tanker, ambulance, <b>Radio Comms</b> to Fire Control and coastguard equipment (no vessels – use commercial vessels) |                    | Ph 06-837 5830<br>Fax 06-837 5831<br><a href="mailto:mahiabeach.motels@xtra.co.nz">mahiabeach.motels@xtra.co.nz</a><br><br>Joe Hedley (Boating club, Part of Fire Service)<br>Ph 06-837 5031<br><del>John Smith</del><br><del>Ph 06-837 5955</del><br>Ian Pickering<br>Ph 06 837 597704<br><del>Bill Duff</del><br><del>Ph 06-837 5557</del><br>Fire station (unattended)<br>Ph 06-837 5555<br><del>Bill Nichols</del> <del>Stu H</del><br>(Boating club)<br>Ph 06-837 5831 (Coastguard)<br>Ph 06-837 5593 |

Note: The OSC is to arrange for 24 hrs security for:-

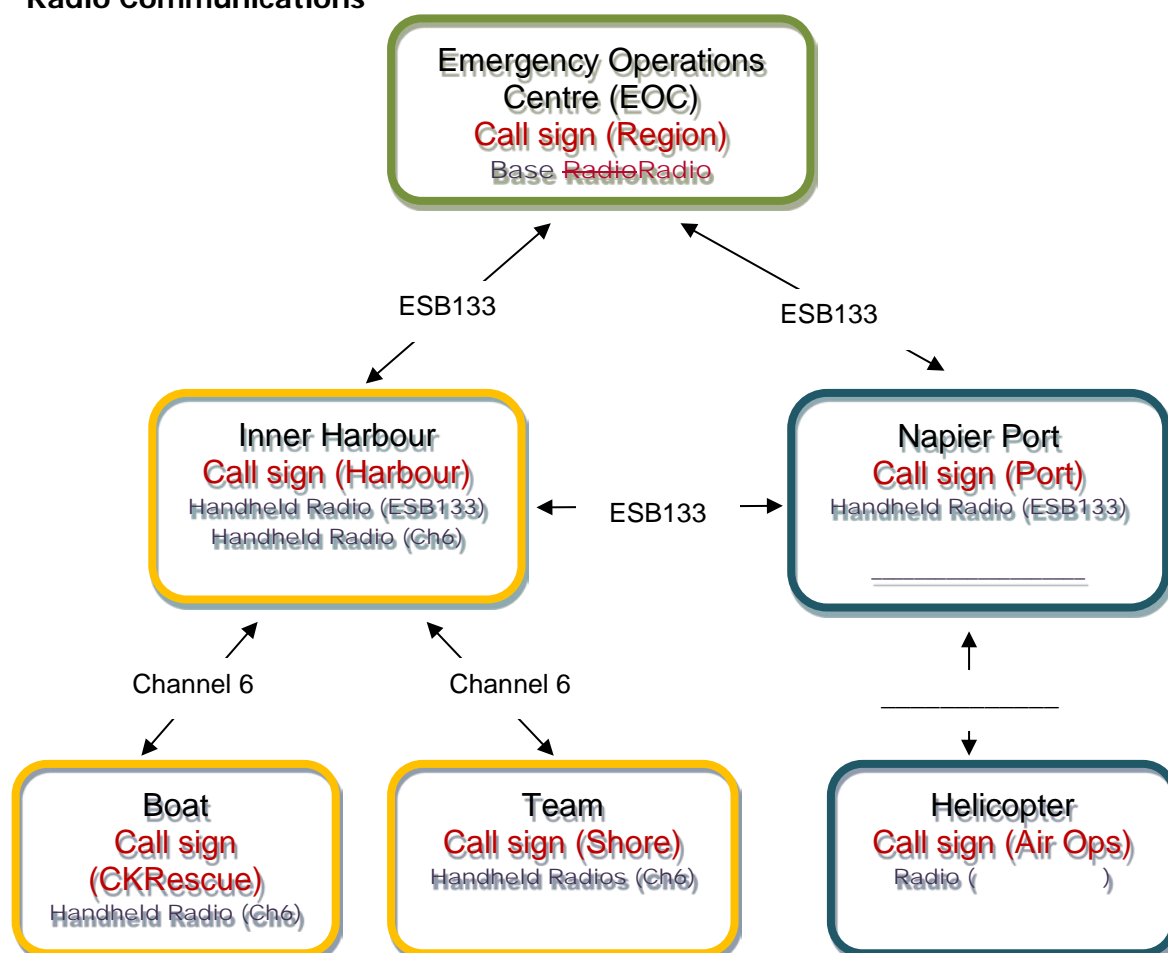
1. Accommodation in use
2. The spillage site.

## Oil Spill Response Communications Plan - Example

### Key Contact Phone Numbers

|                       |                   |                     |  |
|-----------------------|-------------------|---------------------|--|
| ROSC                  | Ian Lilburn       | 0274 838 754        |  |
| Alternate ROSC        | Iain Maxwell      | 021 274 6977        |  |
| Alternate ROSC        | Don Scott         | 027 688 0899        |  |
| <u>Alternate ROSC</u> | <u>Jim Tetlow</u> | <u>0274 042 939</u> |  |
| Operations            |                   |                     |  |
| Logistics             |                   |                     |  |
| Planning              |                   |                     |  |
| EOC                   |                   |                     |  |
| Air Operations        |                   |                     |  |
| Dispersant Ops        |                   |                     |  |
| Information/Media     |                   |                     |  |
| Wildlife Response     |                   |                     |  |
| Napier Port           |                   |                     |  |
| H&S                   |                   |                     |  |
| Harbour Master        |                   |                     |  |

### Radio Communications



NB: If using Marine VHF radio communication in an oil spill response, use channels **16, 62 & 0182** to notify of the oil spill response and restrictions and then change to a working channel such as **6** or alternative channels such as **73, 17, 74, 77**, if they are available on radios and are free and not working at the time. These are not available on every VHF radio. 9 has been used in exercises.