

TROPICAL CYCLONE WINSTON

NEOC UPDATE

02 March 2016

SCOPE

- Current Ops
- Foreign Assistance
- Future Ops



HIGHLIGHTS

- University of Fiji will re-open for services on 03/03/16
- Arrival of RANS Canberra for relief assistance 01/03/16
- Honourable Prime Ministers meeting with DAC's in Rakiraki yesterday.
- Handing over of 2 Stihl chainsaws by the United Nations Development Programme to the Eastern Division for clearance of debris caused by TC Winston
- Ministry of Youth & Sports – clean up at Naruwai, distribution of tents at Vitogo and Raviravi

EASTERN DIVISION

- 4 X Evacuation centres with 64 evacuees activated at Mualevu district, Vanuabalavu
- UNDP donated 2 x Stihl chainsaws to Commissioner Eastern Division
- RAN Canberra embarked for Koro
- Power restored in Levuka town from PAFCO to Levuka Vakaviti

CENTRAL DIVISION

- 17,600 water purification tabs distributed to Dawasamu and Namena Tikina. For Vector Surveillance, Malathion spraying in villages starts today. NO reported cases of Leptospirosis, Dengue or Typhoid so far
- Accident at Wailotua - Sodium Cyanide container clearance will resume today (03/03/16) Korovou Police & Fire officers will secure the area tonight. Spillage assessment will continue tonight

TENT DISTRIBUTION – Western Division (Tikina Burewai, Kavula, Nakorotubu)

Villages:	Tents Distributed	Villages	Tent Distributed
Delaiyadua Village	10 x 6men tents	Namarai Village	25 x 6men tents
Matainananu Village	10 x 6men tents	Namarai Police Post	1 x 6men tents
Naveisividra Village	7 x 6men tents	Saioko Village	15 x 6men tents
Nadogoloa Village	10 x 6men tents	Nadavacia Village	3 x6men tents
Namatadamu Settlement	1 x6men tents	Verevere Village	16 x6men tents
Nayavutoka Village	10 x6men tents	Nabukadra Village	23 x 6men tents
Naocobau Village	12 x 6men Tents	WAF Reconnection Team – Nabukadra Tikina	2 x 6men tents

NORTHERN DIVISION

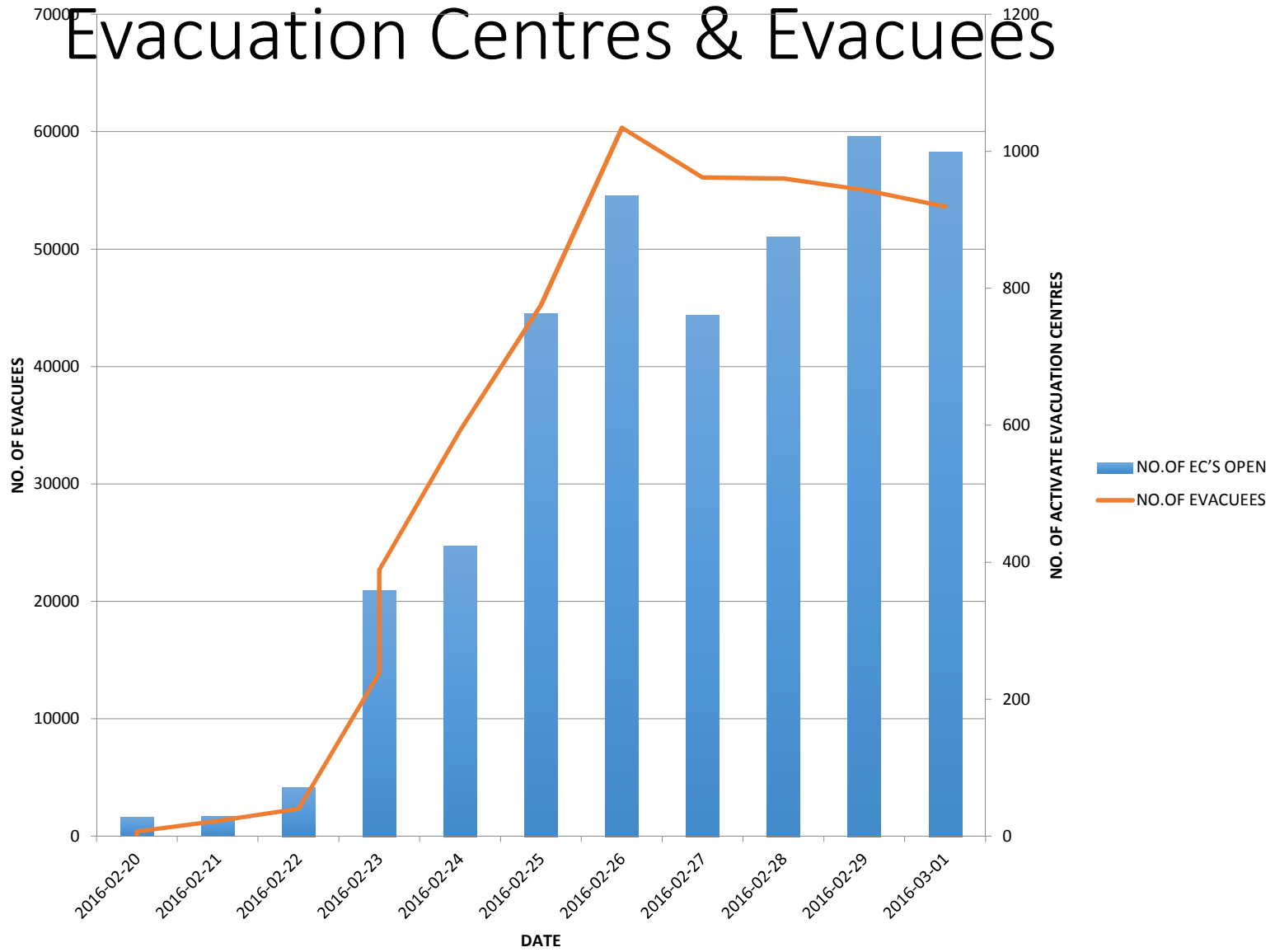
- Restoration of Salia jetty services and power in Taveuni
- Disinfection spraying to areas used as storage/bulk for food rations - Cakaudrove district.
- Food ration distribution for the Tikina of Vuna, Taveuni
- 97 EC's still active in the division a decrease of 14 EC's. 3062 evacuees still occupy these centres marking a decrease of 166 persons

STATUS SUMMARY

	CENTRAL	WEST	EAST	NORTH	TOTAL
DEATH	7	13	21	2	43
MISSING					
HOSPITALISED	5	17	7	4	33
SICK/ INJURED	24	24	68	10	126
EVAC CENTRES	155(10)	379(70)	329(5)	97(10)	960(95)
EVACUEES	12090	30,663	8,892	3,062	54,707



Evacuation Centres & Evacuees



SITUATIONAL HIGHLIGHTS

379 Evacuation Centres
 30663 Evacuees
 3611 Destroyed Dwellings
 3237 Partially Damaged Dwellings
 102 School Damaged
 18 School Destroyed
 70 Schools remain closed

Western



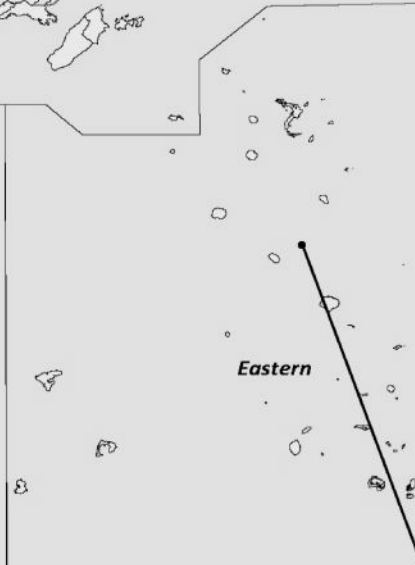
Northern

97 Evacuation Centres
 3062 Evacuees
 1324 Destroyed Dwelling
 2543 Partially Damaged Dwellings
 38 School Damaged
 10 Schools Destroyed
 10 Schools remain close



Central

155 Evacuation Centres
 12090 Evacuees
 756 Destroyed Dwellings
 1283 Partially Damaged Dwellings
 35 Schools Damaged
 6 Schools Destroyed
 10 Schools remain closed



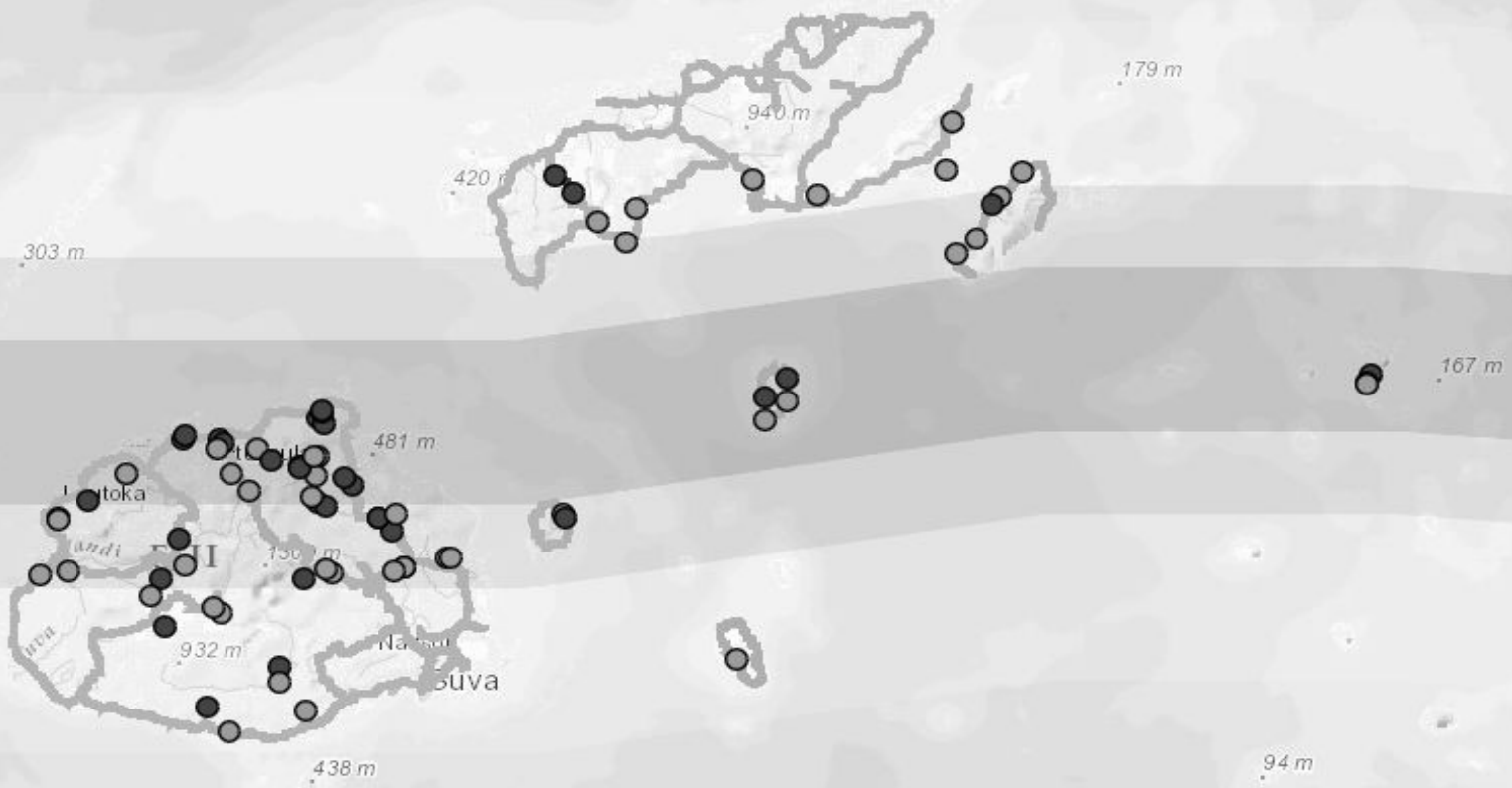
Eastern

329 Evacuation Centres
 8892 Evacuees
 926 Destroyed Dwellings
 66 Partially Damaged Dwellings
 5 Schools Damaged
 26 Schools Destroyed
 5 Schools remain closed



FRA UPDATE

ROAD & JETTY ACCESSIBILITY



EDUCATION UPDATE

EDUCATIONAL FACILITIES UPDATE

Division	District	Total No of schools	No of schools affected	Ave Costing (m)
Eastern	Lau	51	12	\$ 5.75
	Lomaiviti	42	27	\$8.60
	Rotuma	5	No damage	
	Kadavu	32	No damage	
Western	Nadi/ Ltka/ Yas	106	44	\$3.58
	Ba/Tavua	77	46	\$5.64
	Nadroga/ Navosa	74	15	\$.37
	Rakiraki	49	21	\$7.01

EDUCATIONAL FACILITIES UPDATE

Division	District	Total No of schools	No of schools affected	Ave Costing (m)
Northern	Cakaudrove	80	33	\$2.67
	Macuata/Bua	123	15	\$0.97
Central	Suva	119	28	\$0.43
	Nausori	143	24	\$10.94
Total			265	\$45.98

• Total destroyed:

Total damaged:

EDUCATIONAL FACILITIES UPDATE

DIVISION	SCHOOLS DESTROYED	SCHOOLS DAMAGED	CURRENTLY USED AS EVAC CENTRES	SCHOOLS THAT REMAIN CLOSED
EASTERN	29	10	5	38
WESTERN	18	108	70	119
NORTHERN	10	38	10	15
CENTRAL	6	46	10	16
TOTAL	63	202	95	188

HEALTH UPDATE

HEALTH UPDATE

DIVISION	SUB-DIVISION		ESTIMATED COST
WESTERN	Nadroga/ Navosa	<ul style="list-style-type: none"> Cuvu, Naqalimere, Loma, Vatukarasa and Loma 	\$10,000.00
	Nadi	<ul style="list-style-type: none"> Nadi hospital and Nagado NS 	\$40,000.00
	Lautoka/ Yasawa	<ul style="list-style-type: none"> 5 NSs in Lautoka, Malolo, Yanuya, Yalobi, Staff Quarters, Viwa, Kese, Somosomo, Yaqeta, Teci, Yasawa-i-rara and Nacula 	\$667,000.00
	Ba	<ul style="list-style-type: none"> Quarters, Ba Hospital, Ba HC, Balevto and Nailaga 	\$180,000.00
	Tavua	<ul style="list-style-type: none"> Hospital and Nadarivatu HC 	\$110,000.00
	Ra	<ul style="list-style-type: none"> Ra Sub-Division Hospital 	\$500,000.00

Estimated damage to Health Facilities

Division	Cost	Comments
Central Division	\$3,079,500.00	Major Damages to: -Damasamu NS -QVS/RKS NS
Western Division	\$1,271,600.00*	Major Damages to: -Waimaro NS -Nanukuloa HC -Ra Maternity Hosp -Kese HC
Northern Division	\$264,500.00	Moderate Damages reported: -Main Hosp -Vuna HC/NS
Eastern Division	Yet to be fully quantified	Major Damages to: - Koro HC
Total	\$4,615,600.00	<i>This figure is expected to be revised</i>

AGRICULTURE UPDATE

Based on Ministry of Agriculture Initial assessment

PROGRESS TODATE



- Initial Damage Assessment Survey completed on 23/02/2016.
- Agriculture Detail Damage Assessment Survey to be completed by Friday-04/03/2016.
- Launching of seeds, planting materials & livestock feed launched on 27/02/2016
- Distribution of seeds/planting materials, livestock feed continue in Tailevu North, Naitasiri and Ra- Saivou and Nalawa.
- Damage/loss assessment & relief/rehabilitate to run concurrently.

Division	Estimated Crop Damage (F\$)	Estimated Livestock Damage (F\$)	Total Value (F\$)
Eastern	\$8.52 M	\$5.68 M	\$14.2 M
Central	\$15.42 M	\$10.28 M	\$25.7 M
Western	\$28.98 M	\$19.32 M	\$48.3 M
Northern	\$19.2 M	\$12.8 M	\$32.0 M
TOTAL	F\$72.12M	F\$48.08M	F\$120.2M

*Based on Ministry of Agriculture initial assessment



RESOURCE MOBILIZATION



Summary

Total No. of teams-51

Total No. of staff-289

Total No. of vehicles:56

WEST TEAM

✓ 20 Teams with 90 staff

✓ 20 Vehicles

CENTRAL TEAM

✓ 11 Teams with 78 staff

✓ 11 vehicles

NORTH TEAM

✓ 15 Teams with 81 staff

✓ 15 vehicles

EASTERN TEAM

✓ 4 Teams with 16 staff excl. ground staff

✓ 1 vehicle-(Ovalau)

HQ TEAM

✓ 1 team 24 staff

✓ 9 vehicles

OTHER DEPLOYMENT

- PARAVET Team to be in Koro Island 02/03/2016
- 2 Teams still in Lomaiviti
- 1 Team in Vanuabalavu

TC WINSTON-SEEDS DISTRIBUTION SCHEDULE



	FEB		MARCH																														
DIVISION	27	29	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
CENTRAL																																	
TAILEVU																																	
NAITASIRI																																	
REWA																																	
WESTERN																																	
BA																																	
RA																																	
NADRO/NAVOSA																																	
NORTHERN																																	
CAKAUDROVE																																	
BUA																																	
EASTERN																																	
LAU																																	
LOMAIVITI																																	

The distribution schedule is based on the main path of TC Winston—all delivery forecasted to cease by 20/03/2016

SEED & SEEDLING SUPPLIED COVERAGE TO DATE

- Koro -333 households
- Ra-400 households
- Dawasamu-200 households
- Levuka-50 household (supply continue)
- Distribution continue in Ra (Nakorotubu, Saivou, Nalawa), Natasiri, Tailevu-North today and next week
- Seed supply for Vanuabalavu, Northern (Cakadrove, Bua, Macuata), Southern Lau and Lomaiviti (Nairai, Batiki, Gau)-waiting for available aircraft or boat

Livestock death in Cakaudrove



FISHERIES & FORESTS UPDATE

Forestry & Fisheries

- Current available provision of sawn timber for building construction:

AFFECTED AREA	TIMBER SUPPLY	
Vanuabalavu	Lakeba	Treatment & sawing
Koro	Gau	Treatment & sawing
Tailevu Ovalau Motoriki	Dasamu Nasinu	Sawing Treatment

- Other Recommended Action to support Building Construction:
 - Tender to Private Sector for supply of Sawing Services
 - Deploy 2 additional Portable Saw Machines (Koro & Vanuabalavu)

LOCAL GOVERNMENT UPDATE

LOCAL GOVERNMENT

- Green Waste collection continuing in all townships this week.
- Stock supply normal in all supermarkets operating in towns and cities.
- Supermarket and Hardware store have been allowed flexible operating hours in towns and cities.
- 186 listed heritage listed properties are currently being assessed by the Department of Heritage in Levuka

FEA UPDATE



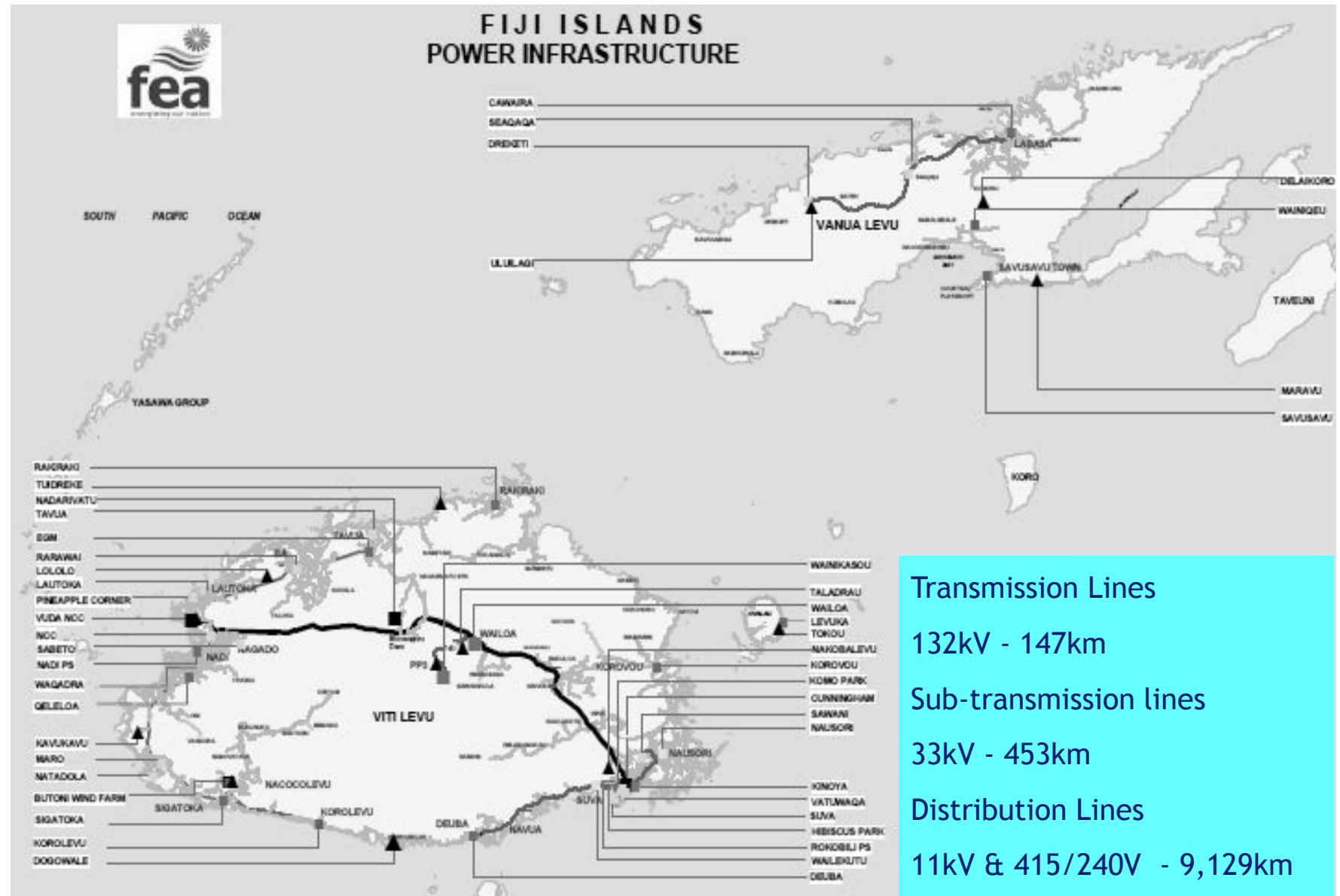
Power Restoration Report

Update as at 9:00am Monday 29th February, 2016

Karunesh Rao
Executive Projects & Public Relations Manager
Tuesday 1st March, 2016



FIJI ISLANDS POWER INFRASTRUCTURE



Nadi & Lautoka Load Shedding Program
Wednesday 2nd March to Friday 4th March, 2016

NADI

Feeder	Customers/Areas Energised - Power Shutdown from 7:00am - 12:00 midday
Pacific Lumber	Fiji Forest, FSC, Fisheries, Fertilisers, PWD, Water Authority Office, Navutu Sewerage, Kings Wharf, Punjas, Waterfront Hotel, Eddie Hin Ltd, South Pacific Distilleries
Field Forty	Part of Field 40, Part of Kashmir, Part of Tavakubu Road, Oriana Place, MN Naidu Road, Balawa, Part of Rifle Range, Adam Street, Part of VM Pillay, Part of Cakobau Crescent, Whole of Kermodereet Road, Chandmari Street, Musuniwai Street, Howrah Crescent, Tavakubu Industrial, Ratu Meli Street, Field 40 Temple, Part of Banaras, Natokowaqa
Waiyavi	Kaunitoni, Nazir Place, Jinnu Road, Whole of Jinnu Road, Whole of Waiyavi, Sandalwood Street, Part of Link Road, Tilak High School, Vesi Crescent, Rokovoko Street, Calcutta Street, Whole of Sukanaivalu Road, Lees Flexible, Whole of Leonidas Street, Carlton Brewery, Danam Gardens, Apco Paints, Vio, Kuila Place, Hollander Road, Waiyavi Village, Razak Road, Part of Vomo Street

Lautoka	
Feeder	Customers/Areas Energised - Power Shutdown from 12:00 midday to 5:00pm
Westfield	Naisoso 1, Naisoso 2, Naisoso 3, Naisoso 4, Naisoso Switching Station, Naisoso Subdivision, Nasoso Subdivision, Fiji Airways, Fruit Packing, Westfield Subdivision, Koroniqava, Taiperia, Nasoso Road, Nasosovou, Quanville
Votualevu	Novotel hotel, Tanoa International Hotel, Courts Fiji, Tanoa Apartment, Savunawai stage 1&2, Matavolivoli
Namaka	Queens Road from Hotel Supplies to Natali, Shopping Complex, Namaka Residential, Tokatoka Resort, Gateway, Trans International, Credit Corp, TPAF Namaka, Bountiful, FNU Namaka, Liladhar Bldg, MH Namaka, Shop & Save, ATS Residential, Concave Residential, Hillsdale, Yees Cold Storage, Morarji Shopping Centre, Votualevu S/D, Tanoa Hotel, Delana Enterprises, FNU School of Tourism & Hospitality, Sewana Rd, Gateway, Namaka Medical, TFL Complex
Skylodge	Namaka Industrial 1&2, Dyeworks, Skylodge, Douglas Pharmaceutical, Apparel Fiji Ltd, Hibiscus, Rosie Holidays, Part of Namaka, Cawa Rd
Mahajibhai	Rag Street, Northern Street, Dominion Hotel, Summerville, Mid Aero, West-In Plaza, Fuzzy Investment, RB Patel, Raintree Hotel, Burger King, HA Motors, Wearsmart, Northern Laundry, Jasmine Terrace, Mahajibhai Complex, Manzoor Buller Hotel, A. Jamal Subdivision, Mountainview Estate, Backpacker Connections Hotel, Turtle Airways, Northern Press Road, Navakai PWD Treatment Plant, Wailoaloa Road, Martintar, Part of Namaka, Part of Waqadra, FASA Subdivision, Fantasy Island, Club Fiji, McDonalds, Nadi Town, Namotomoto, Nadi Muslim College, Nadi Sport Club, Saunaka, Nakavu, Fiji Wire, Kennedy Avenue

WATER AUTHORITY OF
FIJI
UPDATE

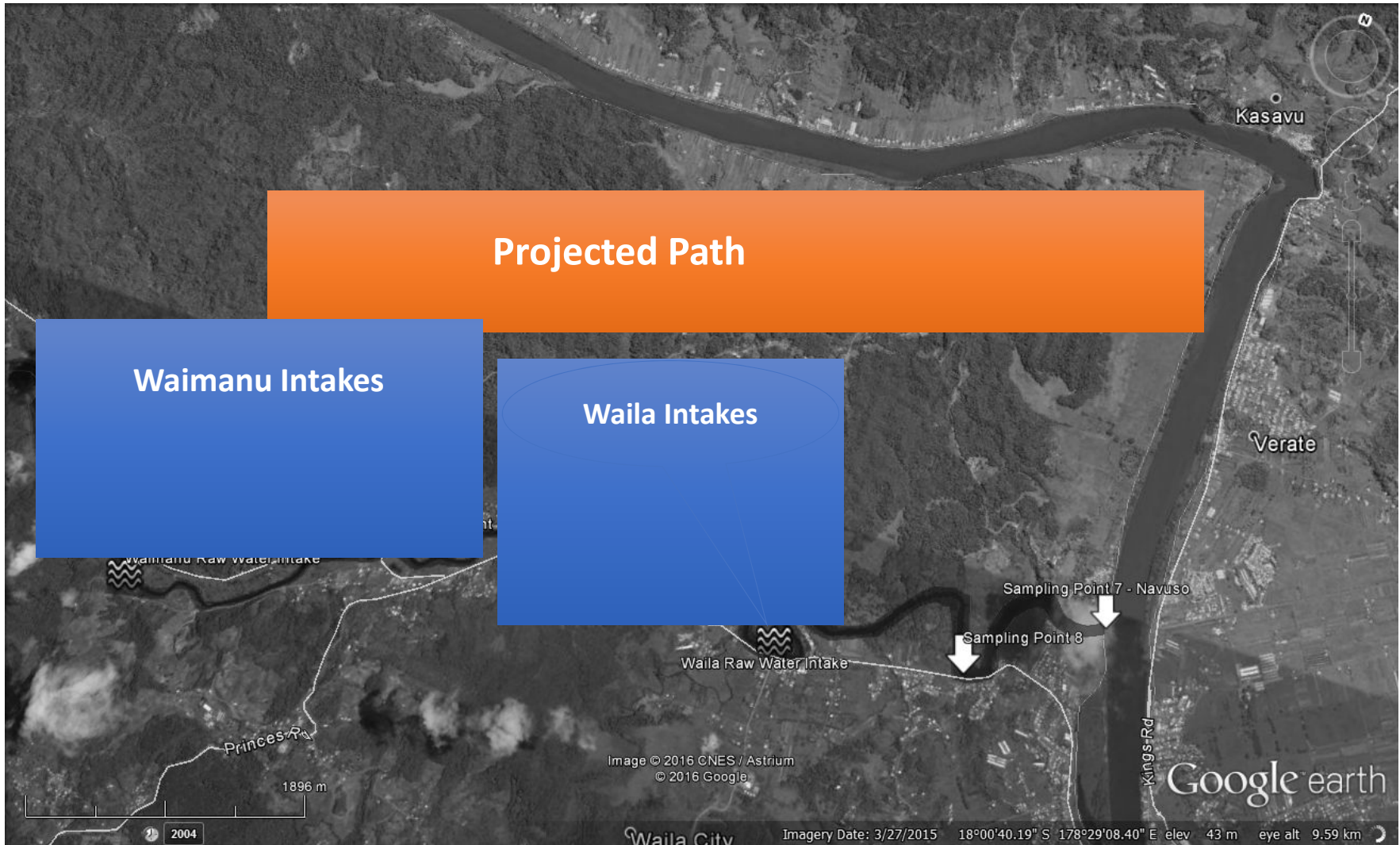
Wailotua to Nausori Projected Infiltration Path



Project Path Flow

1. Wailotua
2. Wainibuka River
3. Converge – Wainimala River
Downstream of Vunidawa
4. Rewa River
5. Converge – Waidina River
6. Rewa River
7. Converge – Waimanu River

Projected Path – Chemical Infiltration



FORWARD STRATEGY

- Working closely with NDMO and coordination with the water committees in the rural communities in ensuring the quick restoration of our rural systems.
 - Teams have been sent out to the regions to assess and put in place interim measures whilst working on the full restoration of services
- Partnership program with GoF on installation of water tanks in rural communities to supplement sources
- PPM for all our rural water schemes
- Empowering of water committees (**Rural Water Sanitation Policy**) to be proactive in their roles of maintaining the rural water scheme systems



Summary

Description	Village Count	Region				Total	%	Colour
		Central	North	West	Eastern			
Restored	82	35	9	19	19	82	39.05	
Work in Progress	101	3	43	32	23	101	48.10	
Not Yet Visited	22	0	0	4	18	22	10.48	
Not Affected	5	5	0	0	0	5	2.38	
	210					210	100.00	

[Map.](#)



Planning and Aid Coordination Update

TC Winston 2016

02/03/16

Update on ongoing assistance...

Activity	Update	Comments
Foreign Minister for Vanuatu	Arriving this Friday to present donation	Time (TBC)
Australia	<ul style="list-style-type: none"> Foreign Minister, Australia to visit Fiji 	Date of arrival (TBC)
	<ul style="list-style-type: none"> Canberra arrived 0900hrs 1st March, 2016 	
New Zealand	Canterbury arriving Thursday	Manifest received

Summary of Assistance

Type of Assistance	Value of Assistance in Monetary Terms		
	Aid-in-Kind/Technical Assistance*	Cash	TOTAL
International Donors (Bilateral/Multilateral)	\$41,634,982.59 (\$193,549.50)	\$15,246,005.95 -	\$56,880,988.54 (\$193,549.50)
Fiji Business Community (Private Sector)	\$784,251 (\$32,000)	\$1,665,000 [#] (\$415,000.32)	\$2,449,251 (\$447,000.32)

- **Figures in red font (brackets) denotes increase of donor assistance over past 24-hours*
- *#Includes deposits to PM's Relief Account received by NDMO, but not those directly deposited into commercial banks*

New pledges received past 24-hours

- **UK:** 170,000 British Pounds (FJD510,222.29)

New pledges received past 24-hours

Private Sector/NGO

- **Sydney Fiji Day Celebration (3 donations):** total contribution \$52,500 (PM's Relief Fund)
- **MWH Global:** \$107,527.50 to PM'S Relief & Rehabilitation
- **Sigatoka Electric Limited:** \$10,000.00 to PM'S Relief & Rehabilitation
- **Narhari Electrical Co. Ltd:** \$30,000.00 to PM'S Relief & Rehabilitation and \$32,000 relief items (solar system, batteries)
- **Fiji Police Force (COMPOL):** \$5,000.00 to PM'S Relief & Rehabilitation
- **RFMF:** \$170,986.41 to PM'S Relief & Rehabilitation
- **Ministry of Industry & Trade:** donated 7 cartons of clothes (teenage boys, girls & Muslim outfits)
- **Pacific Communications:** Food items and assorted clothes
- **Total Trucking:** Offering two 5 ton trucks with drivers for 2-weeks starting Thursday 3/3/16.

FUTURE OPS



TC Winston Response Action Plan

National Government Intent

Engage **all stakeholders both national and international** in an integrated approach with **Government leading** the effort.

Create a conducive and facilitative environment for an all inclusive approach in **emergency response, early recovery, rehabilitation and reconstruction**

NDM Ops is conducted sequentially and in simultaneity in setting conditions for **lives of all Fijian & the nation's economy return to normalcy**.

Focus Area

Focus Area One - Provisions of Basic Needs

- *Food, Shelter, Water, Accessibility, Livelihood, Health & Sanitation*

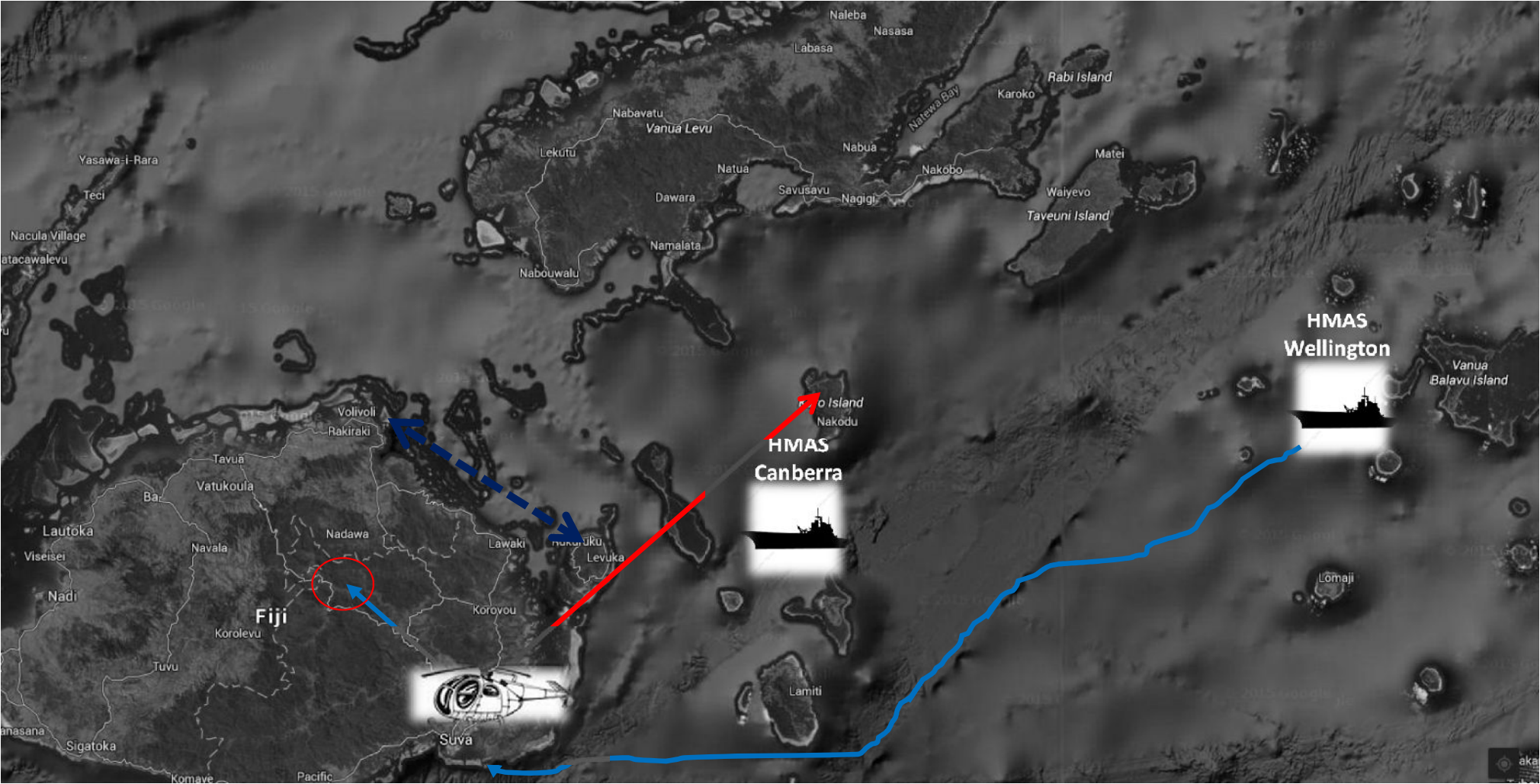
Focus Area Two - Restoration of Essential Service

- *Roads, Ports, Jetties, Airfields, Water, Electricity, Communication, Education, Continuity of Government Machinery*

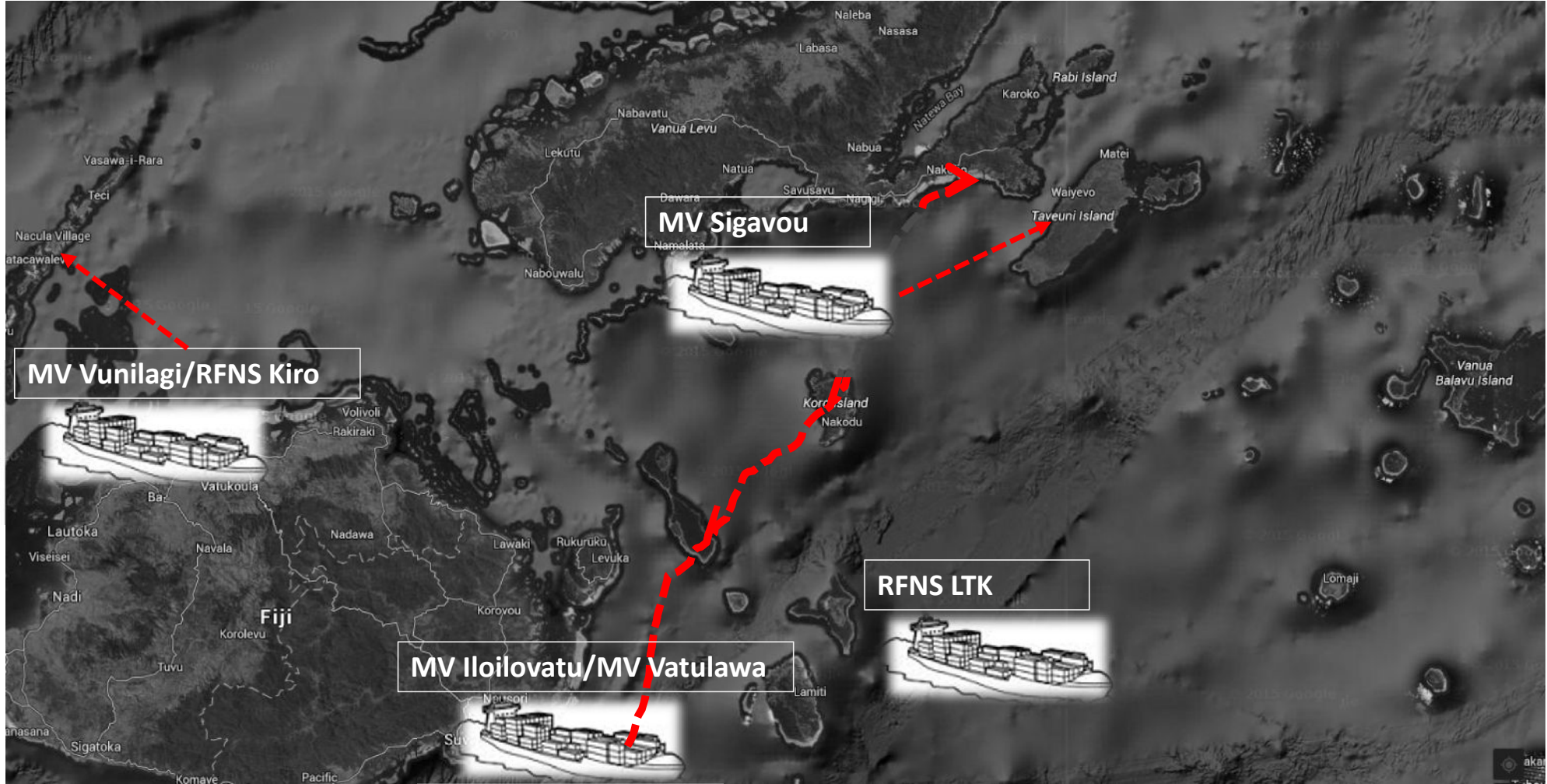
Focus Area Three - Economic Recovery

- *Infrastructure, Utilities, tourism sector, private sector, agriculture, fisheries, forestry and mining*

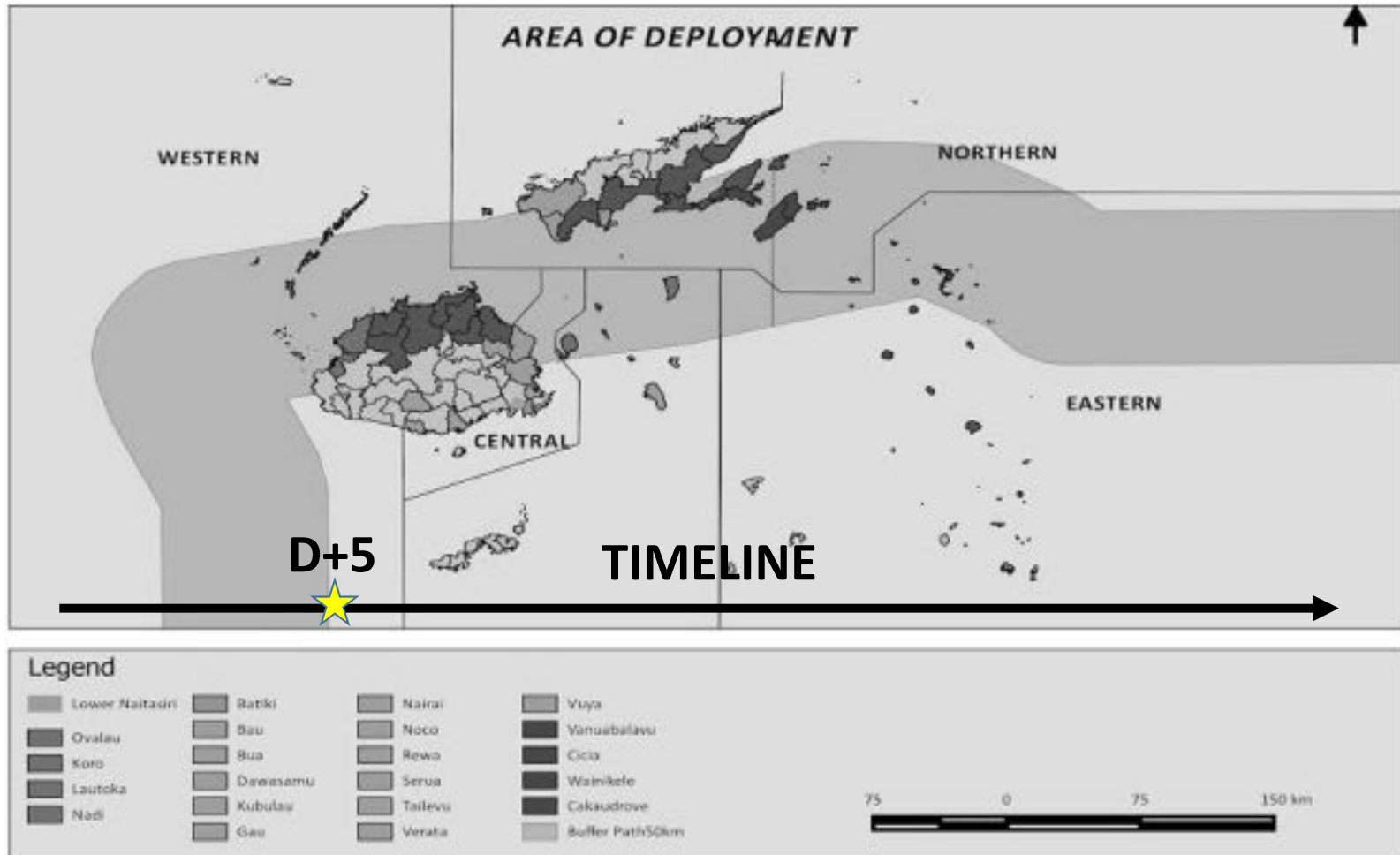
MILITARY ASSETS



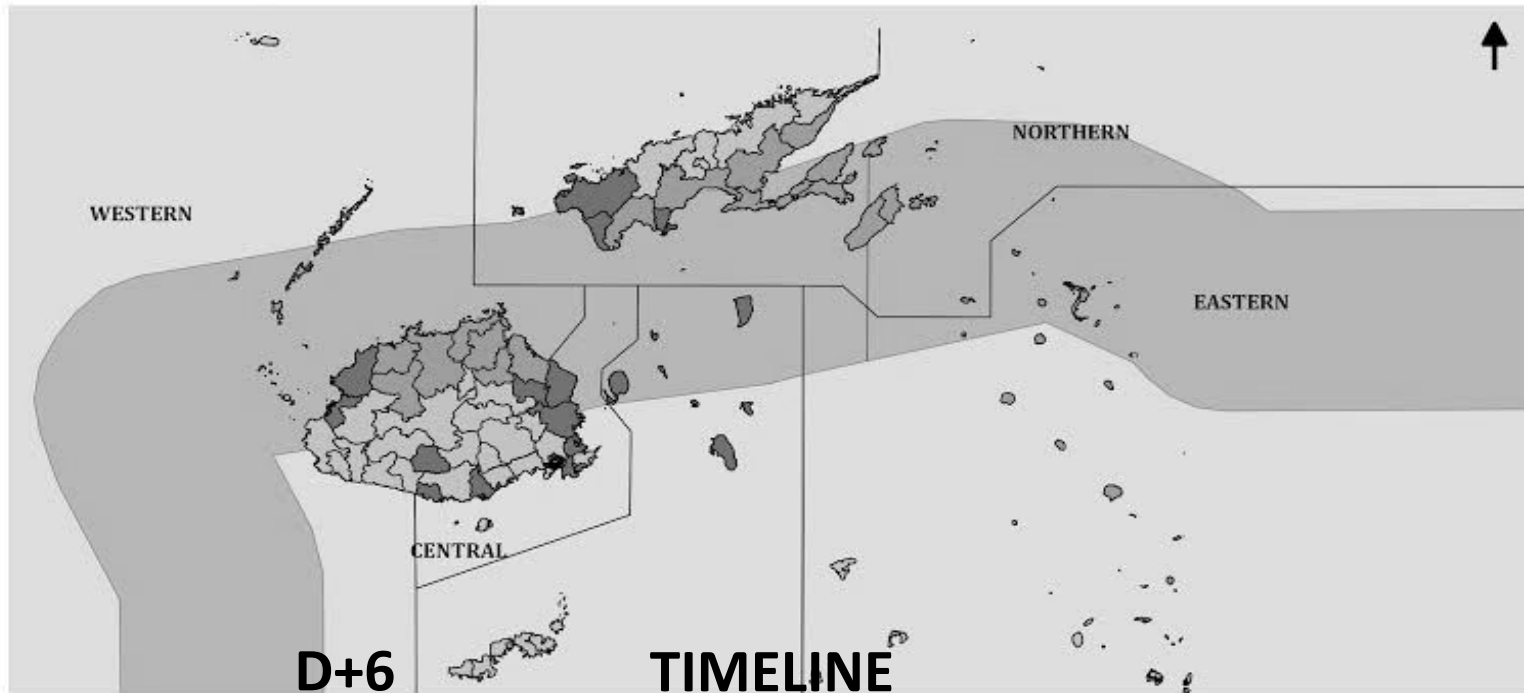
Fiji Maritime Assets



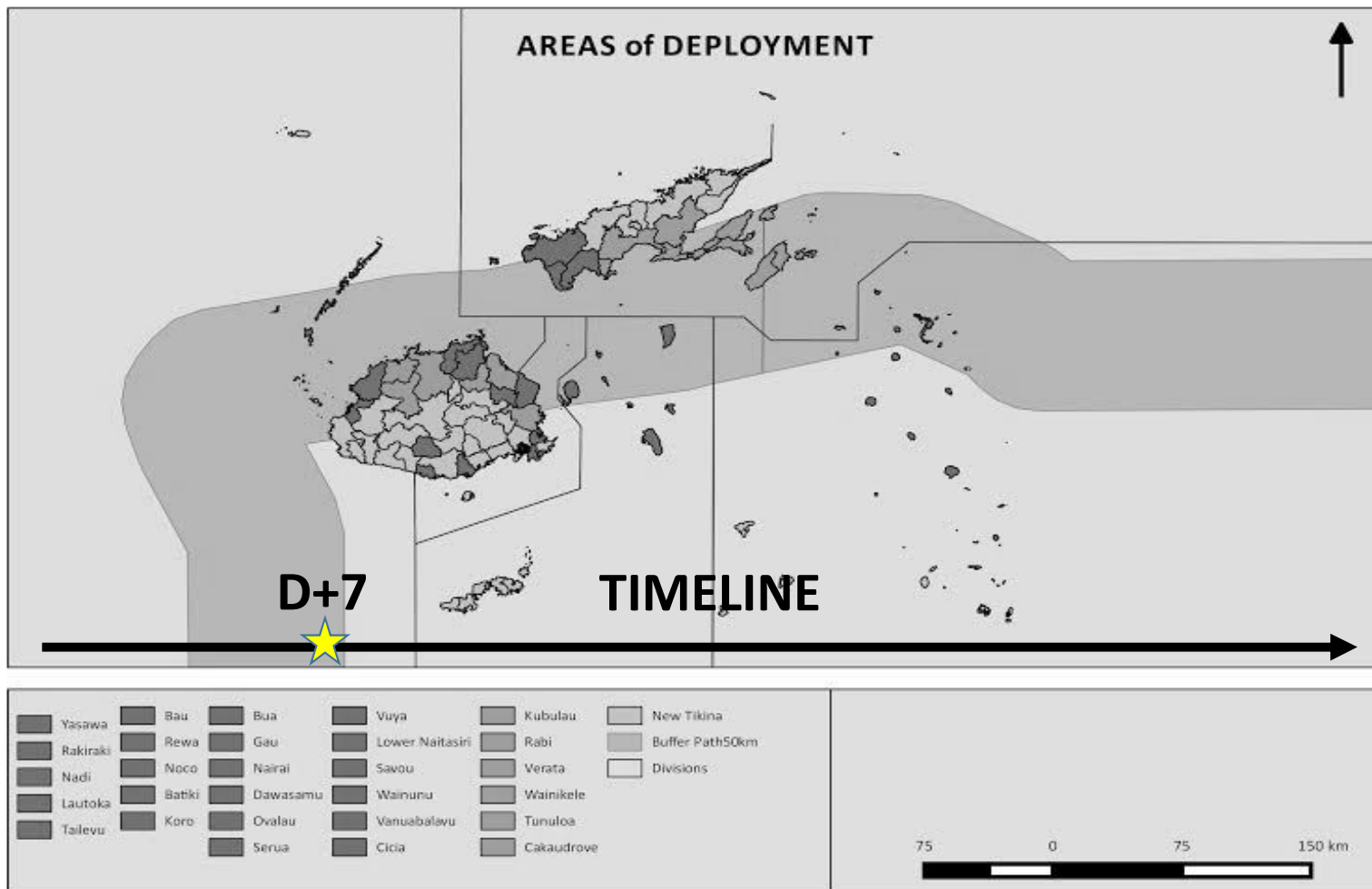
MONITORING D+5



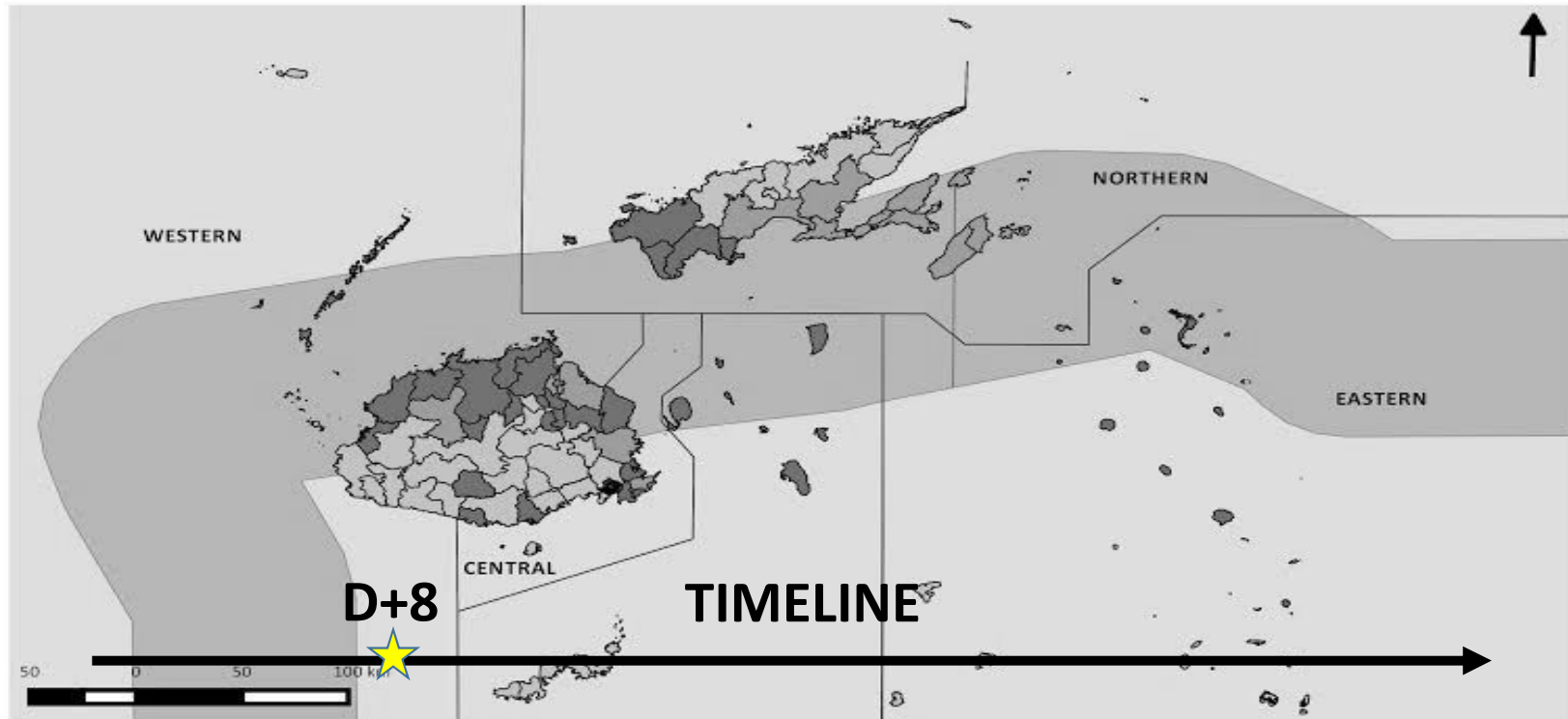
MONITORING D+6



MONITORING D+7

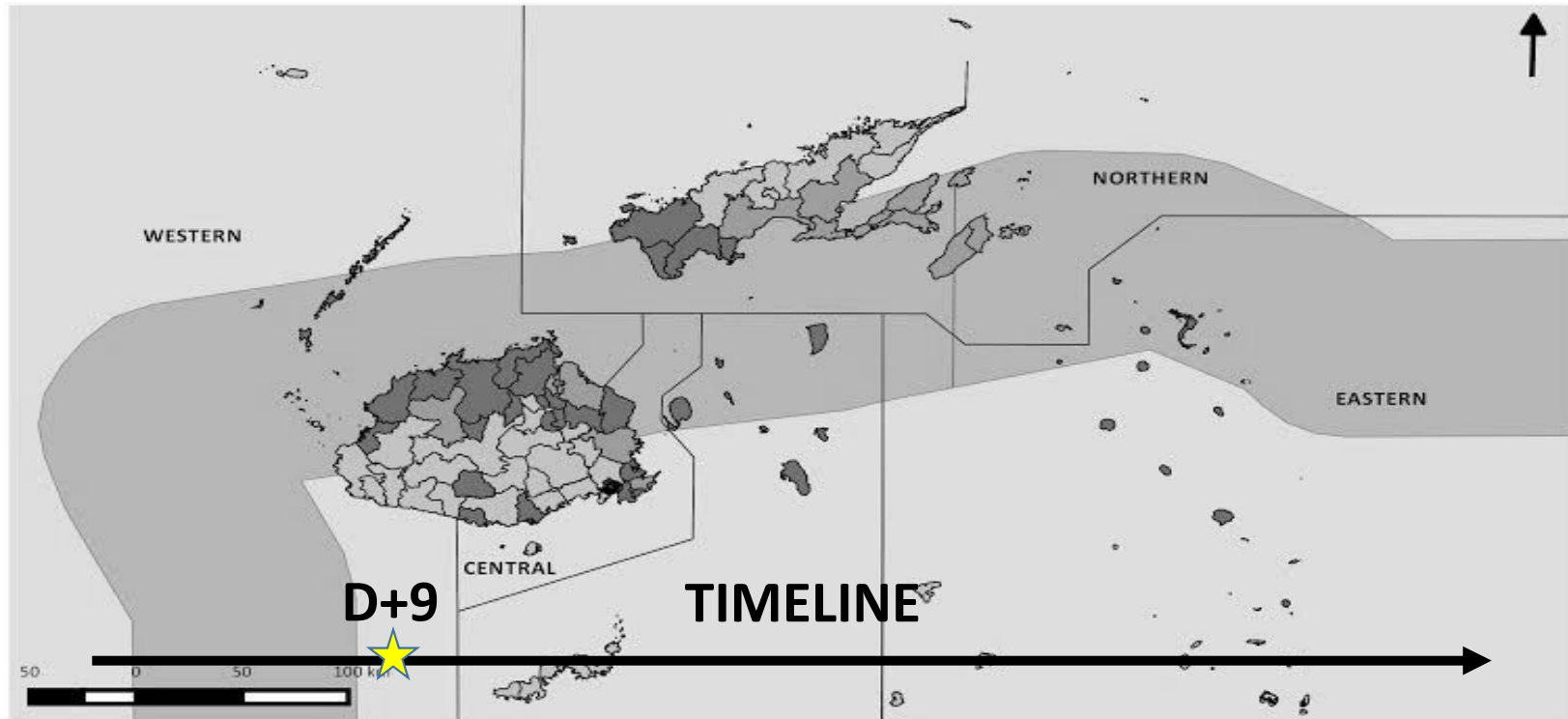


MONITORING D+8



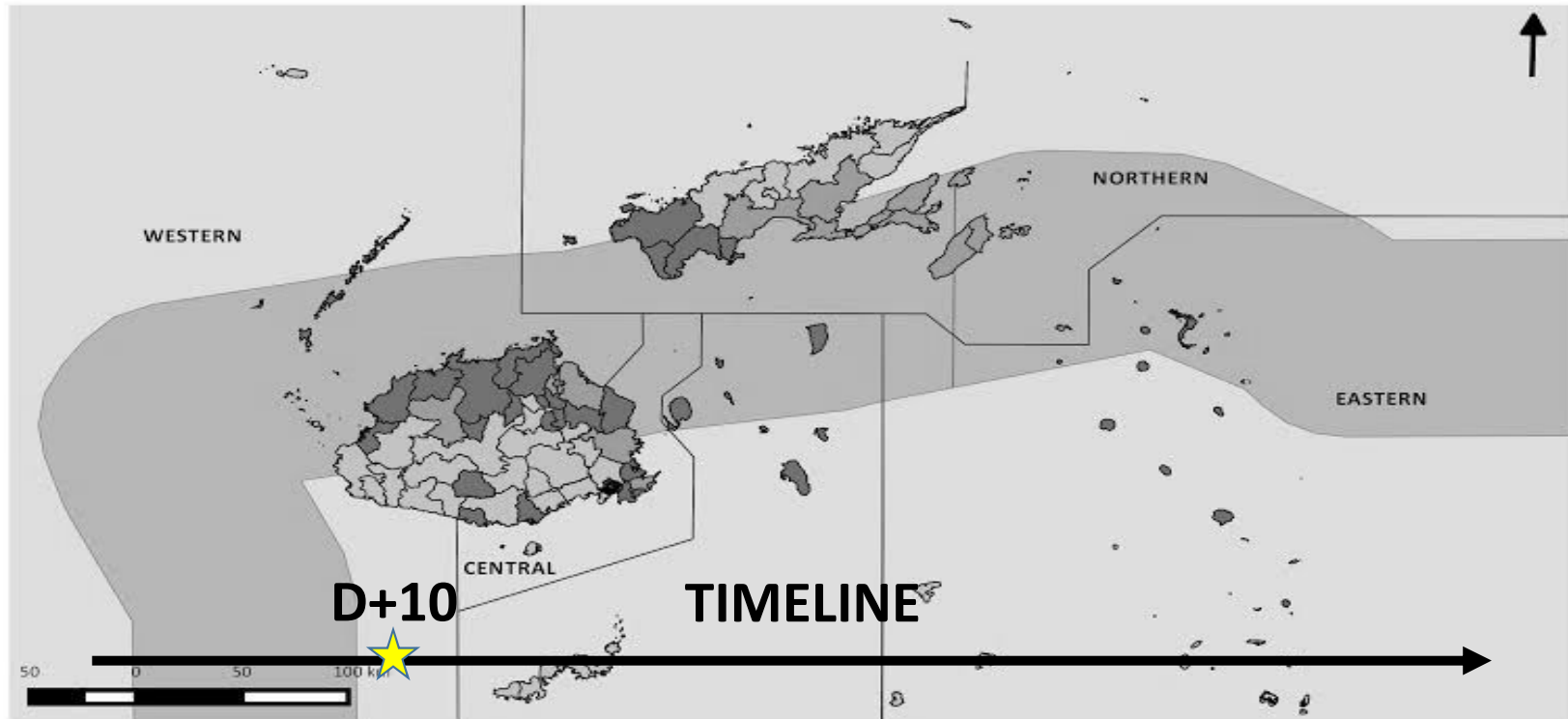
Legend								
Ba	Cicla	Lautoka	Nakida	Noco	Serua	Wainunu	Tunuloa	Tikina
Batiki	Darwaamu	Liwatviale	Nanoko	Ovalau	Talevu	Yasawa	Vaturova	Buffer Path 50km
Beu	Gau	Lower Naitasiri	Nasau	Rakiraki	Tavua	Rabi	Verata	Divisions
Bua	Koro	Nadi	Nasiribi	Rewa	Vanuabalavu	Cakaudrove	Wailevu	
	Kubuleu	Nairai	Nawatsomo	Savou	Vuva	Magdro	Wainikele	

MONITORING D+9



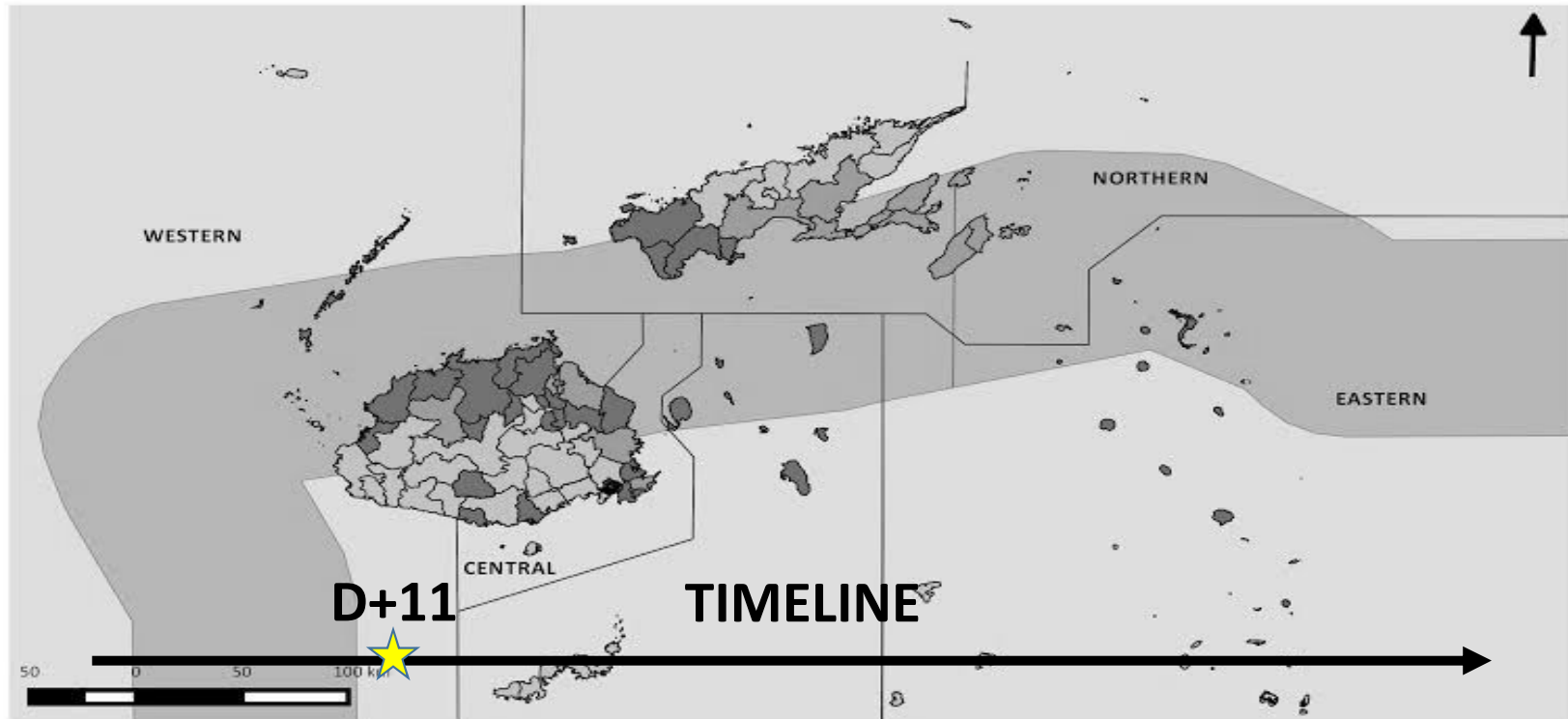
Legend								
Ba	Cicia	Lautoka	Nakida	Noco	Serua	Wainunu	Tunuloo	Tikina
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Bua	Koro	Nadi	Nasiribi	Rewa	Vanuabalavu	Cakaudrove	Wailevu	
	Kubuleu	Nairai	Nawatsomo	Savou	Vuva	Magdro	Wainikele	

MONITORING D+10



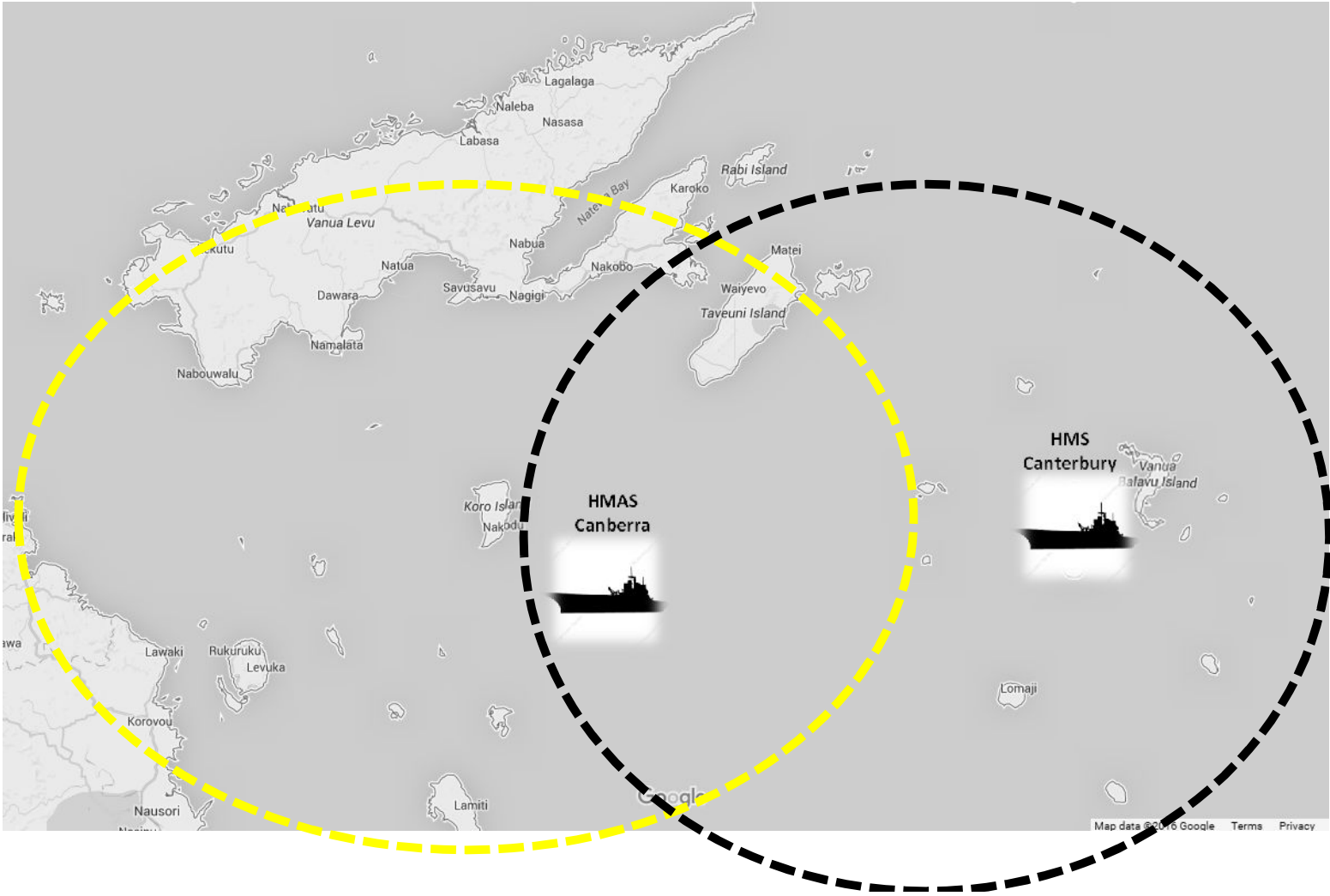
Legend								
Ba	Cicla	Lautoka	Nakida	Noco	Serua	Wainunu	Tunuloa	Tikina
Batiki	Darwaamu	Liwatvale	Nanoko	Ovalau	Talevu	Yasawa	Vaturova	Buffer Path 50km
Beu	Gau	Lower Naitasiri	Nasau	Rakiraki	Tavua	Rabi	Verata	Divisions
Bua	Koro	Nadi	Nasiribi	Rewa	Vanuabalavu	Cakaudrove	Wailevu	
	Kubuleu	Nairai	Nawatsomo	Savou	Vuya	Magodro	Wainikele	

MONITORING D+11

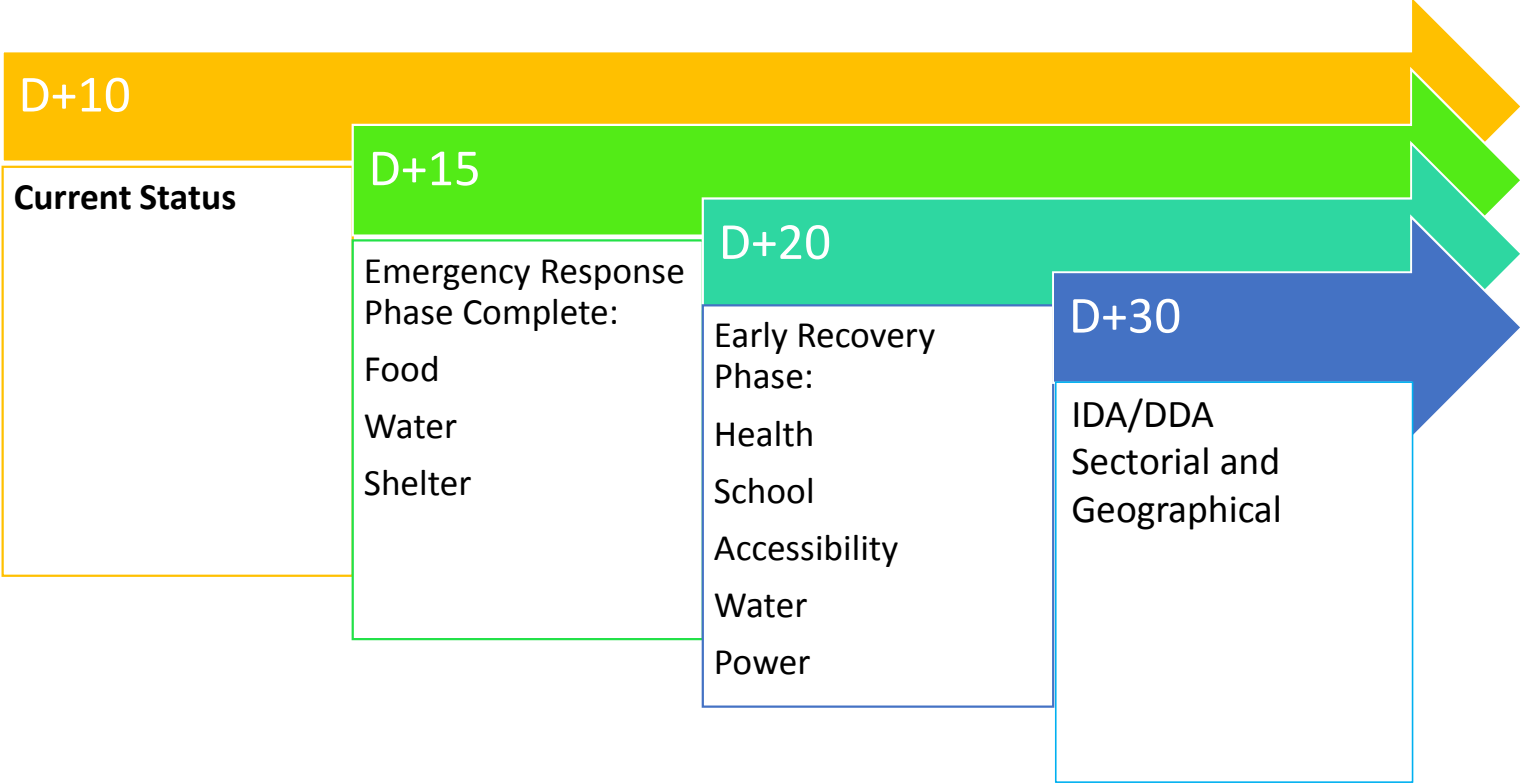


Legend																	
	Ba		Cicia		Lautoka		Nakida		Noco		Serua		Wainunu		Tunuloa		Tikina
	Batiki		Darwaamu		Liwatviale		Nanoko		Ovalau		Talevu		Yasawa		Vaturova		Buffer Path 50km
	Beu		Gau		Lower Naitasiri		Nasau		Rakiraki		Tavua		Rabi		Verata		Divisions
	Bua		Koro		Nadi		Nasiribi		Rewa		Vanuabalavu		Cakaudrove		Wailevu		
			Kubuleu		Nairai		Nawatsomo		Savou		Vuya		Magodro		Wainikele		

Indicative Location of HMAS Canberra and HMS Canterbury



TIMELINE – Tempo (Decision, Execution, Transition) - Urgency



GUIDANCE

