













Tsunami Time-Driven SOP



TUVALU TIMELINE-DRIVEN SOPs

Γ		TIME min after EQ	OBSERVATION	ACTION PTWC	ACTION TMS	ACTION NDMO/SecGov	Media	Police	Telecom	Other
L		0	Earthquake occur							
ı		1-5	Seismic Alarm triggers		Receives info EMWIN/CISN and emails					
		5-10	Tsunami threat might observe	PTWC Msg 1	Analysis EQ & text Msg 1					
	INE	10-30	More EQ data collected & being analysed	PTWC Msg 2 Forecast	Analysis EQ & text Msg 2	Make a decision Issue tsunami watch or warning				
	TSUNAMI ACTION TIME LINE	30-60	Tsunami threat confirmed	PTWC Msg 3 Sea Level (SL) observation	Confirm threat areas and update NDC & IDCIssue decision - activate sirens	-Receive decision Call up NDC all meet in NCC	Live broadcast warnings – NDMO & TMS	Set fire truck siren alarming the public	Send out txt msg to all subscribers	Red Cross relay warning via Sat phones to all RC reps
	TSUNAMIA	1-3+ hrs		PTWC Msg 4+ SL obs	Monitor and report tsunami updates to NDC	NDC decision making on threat zones and evacuation plan/sites	Live broadcast updates – NDMO & TMS	Assist on evacuation	Send out txt updates to all subscribers	PWD assist threat zones with evacuation
		3-8+ hrs		PTWC Msg 5+ Last Message	Analyze Msg receive till warning cancellation	Planning, reporting & updates casualty	Live broadcast updates – NDMO & TMS	Assist on evacuation	Send out updates to all subscribers	PWD assist threat zones with evacuation
		8+ hrs	Safe to Return		Cancel the warning	Give the All-Clear msg	Live broadcast warning cancellation & all clear from NDMO	Stand- down	Send out updates to all subscribers	Stand-down

NB: This timeline-driven is for tsunami graphics when received prediction of wave amplitude reach Tuvalu shores at 1 – 3 meters with time travel of arrival of first wave from source in less than 2 hours... decision to issue a Tsunami Watch or Warning







