

### Sample list KM0507 Pago Pago-Honolulu

<u>CTD stations type-A:</u>	Nutrients	125 ml	profile	5 L
	LLN	125 ml	-“-	
	LLP/DOP	500 ml	-“-	
	DO	1 L	-“-	
	DIC	500 ml	-“-	
	Chlorophyll	200 ml	-“-	
	DOC	125 ml	-“-	
	Flowcytometry	10 ml	-“-	
	Claire <sup>15</sup> N-DON	125 ml	-“-	
	Claire DON/DOP	2x250 ml	-“-	
	PC/PN	2x4 L	integrated ML	50 L
	PPO <sub>4</sub>	2x4 L	-“-	
	HPLC	2x4 L	-“-	
	ATP	3x1 L	-“-	

Target depths (25-30 m mixed layer, and DCM):

Karin	<sup>32</sup> P samples	500 ml/depth	0.5 L
	Other	2.5 L 25 m	2.5 L
	PvsE <sup>14</sup> C	1L per target depth	1 L
Tara	ATP, chl, PE	22 L per target depth	22 L
Matt C	DNA/RNA	2 L per target depth	2 L
Eric	<sup>15</sup> N-fixation incubations	20 L per target depth	
	Flow cam		22 L
Guido	PAM		?

<u>CTD stations typ-B:</u>	Nutrients	125 ml	profile	5 L
	LLN	125 ml	-“-	
	LLP/DOP	500 ml	-“-	
	DO	1 L	-“-	
	DIC	500 ml	-“-	
	Chlorophyll	200 ml	-“-	
	DOC	125 ml	-“-	
	Flowcytometry	10 ml	-“-	
	Claire <sup>15</sup> N-DON	125 ml	target depth	
	Claire DON/DOP	2x250 ml	-“-	
	DNA/RNA	2 L	-“-	

Sampling from uncontaminated seawater supply at selected CTD stations:

DIC, nutrient, chl