

NANNI SOUNDLESS CABIN SOUND TEST REPORT

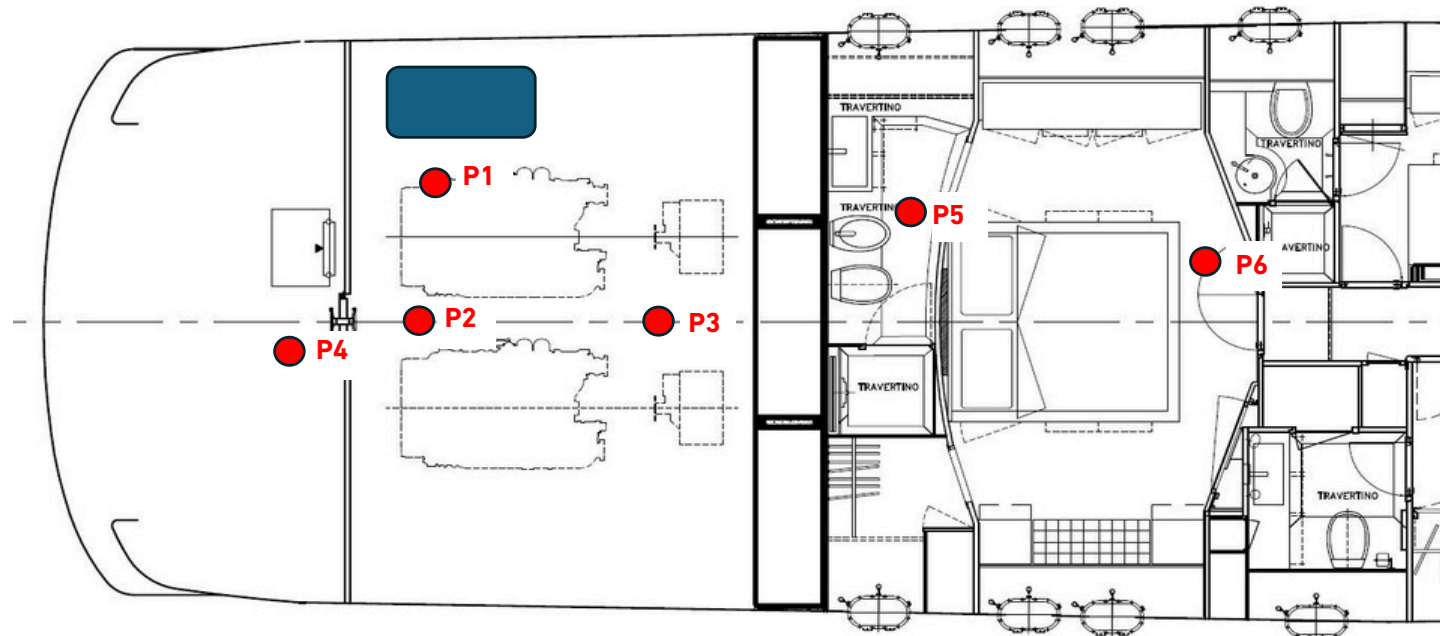
PREVIOUS GENERATOR Kohler 20EFOZD (20kW)

POINT	ZONE	POWER (kW)	LEQ (dBA)
Load 0 Generator running			
P3 Minimum	Engine room forward	0	75,5
P2 Minimum	Engine room door		75,3
P1 Minimum	Engine room / Engineering		79,4
P4 Minimum	Laundry		54,8
P5 Minimum	Owner's bathroom		46,8
P6 Minimum	Owner's cabin		39,7
Air conditioning load			
P6 Medium	Owner's cabin	8,8÷8,7	42
P5 Medium	Owner's bathroom	6,5	48,9
P4 Medium	Laundry	7,8	67,2
P1 Medium	Engine room / Engineering	8	81,1
P2 Medium	Machine room door	8	77
P3 Medium	Engine room forward	8	75,9
AC load + kitchen plates			
P3 Maximum	Engine room bow	13,8÷12,2	76,3
P2 Maximum	Engine room door	13,8÷12,2	77,1
P1 Maximum	Engine room / Engineering	13,8÷12,2	81,1
P4 Maximum	Laundry	12,3÷14	66,4
P6 Maximum	Owner's cabin	13,5	42,2
P5 Maximum	Owner's bathroom	12,5÷14	48,6
Background noise			
P6 Background noise	Owner's cabin	-	28,6
P5 Background noise	Owner's bathroom	-	33

NEW GENERATOR Nanni 20ST50 (20kW)

POINT	ZONE	POWER (kW)	LEQ (dBA)	DELTA LEG (dBA)
Load 0 Generator running				
P3 Minimum	Engine room forward	0	67,9	7,6
P2 Minimum	Engine room door		69,3	6
P1 Minimum	Engine room / Engineering		71,6	7,8
P4 Minimum	Laundry		47,2	7,6
P5 Minimum	Owner's bathroom		36,4	10,4
P6 Minimum	Owner's cabin		33,2	6,5
Air conditioning load				
P6 Medium	Owner's cabin	8,4	38,1	3,9
P5 Medium	Owner's bathroom	6,9÷7,0	37,1	11,8
P4 Medium*	Laundry	7,3	66,8	0,4
P1 Medium	Engine room / Engineering	7,3÷7,7	72,2	8,9
P2 Medium	Engine room door	7,3÷7,7	70	7
P3 Medium	Engine room forward	7,3÷7,7	70	5,9
AC load + Kitchen plates				
P3 Maximum	Engine room bow	10,0÷13,2	71,6	4,7
P2 Maximum	Engine room door	10,0÷13,2	70,6	6,5
P1 Maximum	Engine room / Engineering	10,0÷13,2	73	8,1
P4 Maximum**	Laundry	10,6÷11,8	67,2	-0,8
P6 Maximum	Owner's cabin	10,4÷11,8	38,1	4,1
P5 Maximum	Owner's bathroom	10,6÷11,8	39,8	8,8
Background noise				
P6 Background noise	Owner's cabin	-	25,2	3,4
P5 Background noise	Owner's bathroom	-	25,7	7,3

* (Air conditioning compressor noise)
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Construction ; San Lorenzo SL72

Mesurement taken by San Lorenzo R&D departement

