

PROJECT SNAPSHOT

MARINE

SAN NANUMEA

FireFinder™

OVERVIEW

The San Nanumea is the latest acquisition of Sanford Fisheries. The vessel represents a major investment at a cost of \$NZ 17.5 million dollars.

The 78 metre long craft carries a crew of 20, and is capable of staying at sea for weeks at a time catching and freezing up to 1400 tonnes of fish products on board. The boat has its own helicopter and the latest in fish finding technology, designed to help track schools of skipjack and other tuna as they migrate through the western and central Pacific.

Gross Tonnage : 1651 Tonnes
 Overall Length : 78 Metres
 Beam : 13 Metres
 Draft : 6 Metres
 Carrying Capacity : 1400 Tonnes

SYSTEM SUMMARY

The **FireFinder™** is a 1 loop Front Service SP2 fitted with 2 x 20 watt AS2220 amplifiers. Apollo XP95 marine grade detectors and XP95 waterproof Manual Call Points were used in conjunction with weatherproof speakers.

SITE SPECIFIC CHALLENGES

The harsh environment of an ocean going trawler was always going to present challenges for the installer. Particularly the tight spaces and limited room for mounting equipment and installing cables.

SITE SPECIFIC SOLUTIONS

Many of the anticipated difficulties were overcome by installing a single loop of cable around the boat and using a SP2 **FireFinder™**, which required minimal room for mounting.



INSTALLER'S STATEMENT

“Sending the **FireFinder™** to sea proved to be easier than first envisaged. The system worked from turn on and found the first cigar smoking crew member on the first night of operation (smoking not allowed in cabins). As always support from Ampac made the difference”

Steve Pountney – First Fire Systems

SPECIFICATION

Panels / Network Nodes	1
Loops	1
Zones	5
Panel Relays	0
Amplifiers AS2220	2
LCD Repeaters	0
Detectors	33
Devices	12
Strobes	2
Sounders / Speakers	30
Detector Model	XP95 Marine