Globalization of continuous Mussel & Pearl Farming systems From around the World.

Presented by Joe Franklin Jnr.
QE CONTINUOUS MUSSEL ROPE SYSTEM

We farm the mussel as if it were a land based animal. Therefore we are only going to farm a product we are going to get paid for. We offer the animal a secure medium to catch or grow on, we give it space to grow and walk to form an effective column. The results are a fast growing, healthy product were every animal is a premium animal. Therefore less will give you more quality and size quickly, from the available food source in the water column.

- Key point...stable continuous rope (no twisting) over long lengths.
- Fast to set, re seed and fast to harvest.
- Lasts 10 to 15 cycles so carries the highest environmental awards for aquaculture farm practice.
- Bulk packed direct from rope machine to avoid memory.

Hang test for stability. The most stable 3 strand rope as proven by key industry leaders.
New Zealand
Australia
Pacific Islands
Chile
Brazil
USA
Canada
Bulgaria
Turkey
Wales
Ireland
Scotland
Shetland Islands
The Netherlands
Norway
Iceland
France
Italy
Russia
Globalization of the QE NZ
Continuous Mussel Cultivation systems.
Pearl Farming
Australian Pearl Industry

Pearl Farm Location Over 1000km
Paspaley Pearls.
The most beautiful Pearls in the world.
Mussel Farming
Spat collection

Coromandel

Nelson/Marlborough
New Zealand
Kaitaia Weed = 80 % of the NZ Industry.
Typical Double Mainline, 110m, 165m or 220m
Other Typical Long Line Methods

1. Single Long Line. With surface only floats 90l to 300l, or surface control floats with Subsea Pressure Floats added as Long Line gains weight.

   Anchor Line, usually 32mm to 40mm hard lay Duradan PPE

   QE Mussel Ropes.

   90 to 300l Surface control Floats. Either round or barrel types are common.

   3 mtr float double dropper ropes.

   55l or 90l injection molded subsea float. Typical max working depth of 40m.

   Mainlines usually 24-32mm hard lay Duradan PPE

2. On extreme exposed farm site, with vertical surface control floats and pressurized Subsea Barrel Floats.

   Anchor Line

   QE Mussel Ropes.

   300l Surface control Floats.

   115l to 180l pressurized subsea barrels.


   Anchor Line

   QE Mussel Ropes.

   300l Surface control Floats.

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Technology.
Opotiki Off Shore 10km
Finish New Zealand
start Chile.
Chile

Santiago City

Chiloe Island
Puerto Montt City
Puerto Montt City
Castro City
Major Mussel Companies

- ORIZON
- BLUMAR
- Camanchaca
- el golfo
- Pacific Gold
- BLUE SHELL
- TORALLA
- FYS CHILE S.A.
- Ria Austral
Chile.

New Farming Area.
Finish Chile
Start Brazil.
Finish Brazil
start USA.
USA – EAST COAST

Rhode Island
Finish USA
start Bulgaria.
Farm location
2-3 km off shore
Finish Bulgaria
start Turkey.
Finish Turkey
start Wales.
Wales – Swansea Docks
Finish