Traditional products from the seal hunt/harvest: Status and Prospects

Knut A. Nygaard
Director procurement
GC Rieber Skinn AS



- Nordlys 23. august 2008 Archiologist Gøril Nilsen and Lars Erik Narmo are doing Oil processing by stone age methods. Firepits all along the coast of Northern Norway Oil from Marine mammals.
- Norwegian involvement in sealing in the White Sea dates back to the later part of 800 a.c. Where Ottar from Hålogaland describes his travels to Dvina and the White Sea where he hunted Walruss and other seals. He wanted the skins for rope and the teeth were also said to be valuable.

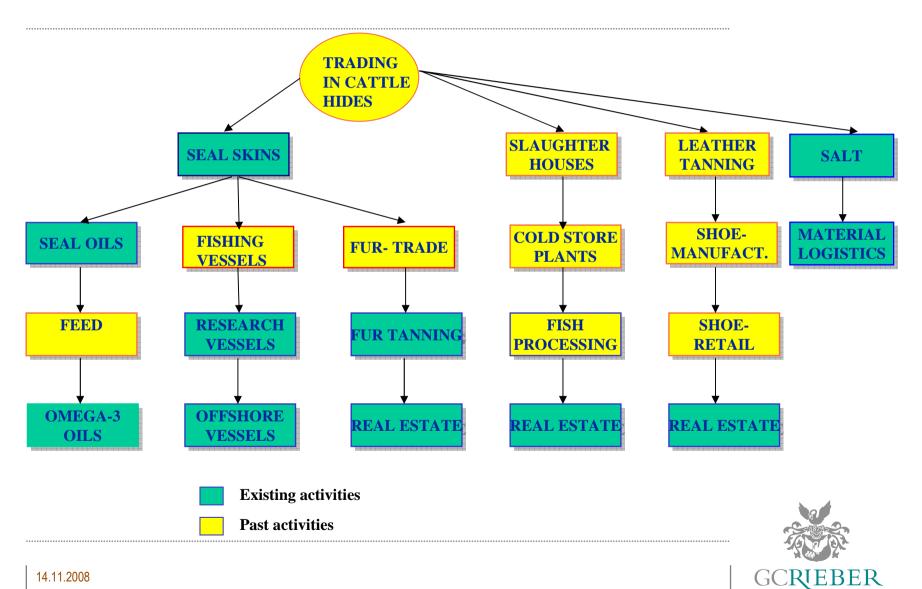


3

| Walruss in White Sea

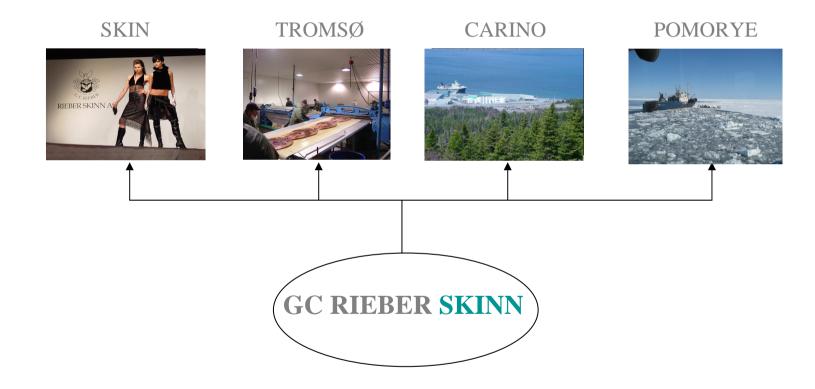






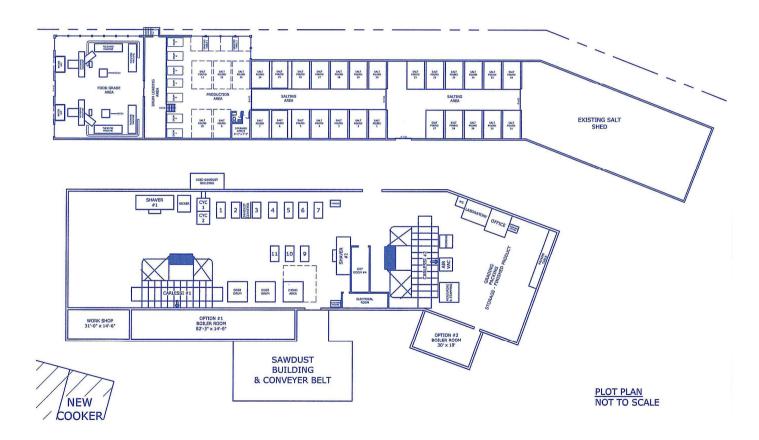
OMEGA-3 OILS SKIN REAL ESTATE **SHIPPING SALT** HR **FINANCE BRANDING ACCOUNT GC RIEBER**

GC RIEBER SKINN PORTFOLIO





New Rieber seal processing plant in Newfoundland





Rieber Seal oil processing, Newfoundland Canada





Rieber Seal oil Refinery, Kristiansund Norway





Beater seal



• Skin weight 2-3 kg

• Blubber weight 12 kg

• Carcass incl. flippers 5 kg



Beaters sealskins

• Fur tanned:

• Main use: Hats, trimmings, garments

• Secondary use: Furniture

• Competitors: Short haired type furs (e.g. pony skins)

• Comment: Sealskins are in demand as long as they are

priced reasonable compared to alternative

substitutes.

• Prices: Averages abt. USD 150 / skin







Beaters sealskins

Chrome tanned:

Main use: Sporrans, boots, indoor shoes

Secondary use: Carpets, decoration

Competitors: Sporrans: Rabbit, fox, persian

lamb, mink, bovine hides, leather

Boots & indoor shoes: Various types of

leather, synthetic materials.

Prices: Average abt. USD 120 / skin









Beaters sealskins

Alternative use:

Seal leather:

A niche product - Sold and marketed as an exotic leather - limited supply

Unique feature: its natural grain - no embossing

Main use: Shoes, bags, belts and leather accessories

Competitors: Shark, ostrich, lizards, phyton

Prices: Average abt. USD 55 / skin





- Meat
- Food
- Bacteria Growth medium Meat
- Skins
 - Fur
 - Leather
- Oil
- Medicine
- Technical/Biodiesel
- Organs
 - Male reproductive
 - Stomac enzymes for cheddar cheeze



- Heards
- » Large potential for increase
- » Limited supply
- Harvest
- » Seasonal employment Hard work Available persons??
- » Equipment cost increases
- » Strict (internal) control & Humane harvest
- Process
- » Lower cost areas
- » Highly technical
- Market
- » Limited supply High end products
- » Niche producs Special product for people with special needs



- EU reports World annualt harvest 900.000
- Our figures Actual world harvest 400.000
- Primary value on the wharf -10-12 mill USD(55-65 mill NOK)
- Retail value 100 mill USD (550 mill NOK)
- Fisheries Each seal consumes 1 1.5 m.t. fish per year



17

RENEWING THE FAMILY BUSINESS

"In order to preserve, we must always renew, constantly testing and retaining only the best."

GC Rieber's business principle no 13.

Prospects for future sealing in the North Atlantic
Norwegian-Russian Symposium in Tromsø 25 and 26 August 2008
Knut A. Nygaard
GC Rieber Skinn AS
Norway

