



CIL - ICPC

Workshop on Protection of Submarine Cables

Singapore 14th – 15th April 2011

Submarine Cable Maintenance

DKCPC

(Danish Submarine Cable Protection Committee)



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56°00'00.01"N 10°00'00.00"E niveau 6 m

Ojehøjde 7778.88 km

DKCPC Area



DKCPC Cables



DKCPC Members

Power :	Tele :	Associate :
ELRO	COLT Telecom	SOK/MAS
EnergiMidt	FarIce	Naturstyrelsen
Energinet.dk	Føroya Tele	Fåborg Elforsyning
FynsNet 150kV	GlobalConnect	DONG Energy
N-1	GN - Great Nordic	Langelands Elforsyning
NRGi Net	IP-Only	Ærø Elforsyning
Samsø Havvind	TDC	
SEAS - NVE	Telia Dk	
SEF	TeliaSonera	
Statnett	Tele Greenland	
SwePol		
Syd Energi		
Vattenfall Vindkraft		
Vestas		



Government

Liaison:

Participate in Regular Meetings

MAS provide 24/7 Surveillance of the Area

Engage Proactive in Cable Protection Measures

The Executive Order on Cables (No 939 of 27th November 1992):

Act No 54, 15th February 1895, last revised 1972

Protection Zone 200 Metres either side of Submarine Cable

Entitlement to Compensation for Loss of Sacrificed Gear

Violations shall be Fined



Cable Repair Procedures

No Permit Required for Repair Operations

Convention on the International Regulation for Preventing Collisions at Sea, 1972 apply to all Vessels

Jurisdiction of the Danish Maritime Authority (Søfartsstyrelsen)

Requirement for Re-burial of Repairs since 1991

Requirement to Remove Out-of-Service Cables within 12 Miles

Cable Information

Cable Installations and other Major Works Published in EFS
(Information to Mariners)

All Vessels Entering Danish Waters must have Current Charts
(Which Include all In-service and Out-of-Service Cables)

All Fishing Vessels operating in Danish Waters have received a
“Red Disc” Readable by most Plotters with Active Cables

Positions on all Cables available from the DKCPC Homepage
(www.DKCPC.dk)

DKCPC Participate in Fishing Exhibitions etc.

All Cable Positions available to MAS (Maritime Assistance
Service)



AIS

Danish Maritime Safety Administration
Full Coverage in Danish Inner Waters

Preventive:

Several Trials – no Clear Answer
No Value for Minor Important Cables
Might Prove Useful for Major Cables

Fault Investigation:

Very Efficient Tool in Identifying Vessels
All Cable Faults Caused by Anchors/Fishing over the
last 5 Years has been Compensated due to AIS

Summary

Danish Waters are:

Monitored

Regulated

Safe for Cables

Open for All Vessels