



UNDER ONE ROOF Complete Steering System

117/2016-17

Sub: Complete Electro – Hydraulic Steering Gear System, Power Packs & Starters, Remote Control & Starters, Universal Repeaters & Accessory Equipment.

Dear Sir,

We are pleased to present the State-of-Art, highly reliable, easy to install & maintain Quick Support, Tested Systems, Low cost, complete Electro Hydraulic Steering Systems, for any type & size of seagoing VSL's, manufactured by our Principals, M/s Scan Steering APS - Denmark.

M/s Scan Steering was founded in 1960. AS SCAN is a modern & high tech engineering company with extensive experience in steel structures, engine & hydraulic installations, & deliveries to the navy, offshore, district heating sector & the wind industry. The company has a CNC Machines with CAD/CAM systems.

Hydraulic Steering Gear, Universal Repeaters, Rudder Control Systems, Accessory Equipment, Power packs & starters etc. are their products. Scan-Steering has continuously been working on improvement in quality, performance, High Standardization by Legally Authorized body

→ **AA) ELECTRO – HYDRAULIC STEERING GEAR SYSTEM:-**

The range of Scan Steering is from 0.5 ton/meters to 100 ton/meters and can be installed on all types of vessels. The steering gear is suitable for one, two or more rudders, either with connection bar or electrical synchronizing. The steering gear main parts are as follows: Power Pack, Base Plate, with support bearing, Cylinders, Tiller with keyway, Valve Block and all necessary valves, fittings and flexible hoses.

→ **BB) POWER PACKS & STARTERS :-**

- **Single motor - starter** for electro-hydraulic pump units. Complete with amp. Meter and emergency stop.
- **Single Pump Unit.** Electrical motors squirrel cage type. Electrical motor is to drive one gear wheel pump through an elastic coupling. Pump units can be ordered with lock alarm and class certificate from any classification society.
- **Dual Pump Unit.** Build on double tank, separated by internal wall.



→ **CC) REMOTE CONTROL & STARTERS :-**

- Remote control for Motor-starter for mounting on bridge
- Joystick for non-follow-up & rudder indicator. Facilities for connection of additional; rudder indicator & full-follow-up.
- Double rudder control with two electrical separated systems for electrical steering & control systems.

→ **DD) UNIVERSAL REPEATERS & ACCESSORY EQUIPMENT :-**

- Universal Repeaters consists of - Digital repeater, Azimuth circle, Steering repeater with tilting bracket, bearing repeater for bulk-head mounting.
- Also, the Accessory Equipment includes, Electronic rudder angle transmitter with single or double signal. Push button to activate steering position. Hand operated non-follow-up with rudder indicator & 6m wire.

From the foregoing, it can be seen that we are in a position to provide, efficient and cost-effective solution for a **“Total Steering System” solution for any size and capacity of vessels, under one roof-single window approach.**

We request you to register us, as a Vendor, for all your future projects.

Thanking you,

**Yours Faithfully,
For MJR Corporations,**

**K J John Roby Johnson
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