



HEINEN & HOPMAN

# REFERENCE LIST NAVY

- > Major navy projects carried out during 2009-2014



OUTSIDE 35°C  
HUMIDITY 90%

**22°C** Inside

PROVIDED BY  
HEINEN & HOPMAN



Heating



Ventilation



Air Conditioning



Refrigeration





## MAJOR NAVY PROJECTS CARRIED OUT DURING 2009-2014

### Activities

Consultancy  
Design & Engineering  
Project management  
Custom built equipment  
Installation & Implementation  
Supervision  
Commissioning  
Service & Maintenance

### Equipment

Air intake systems for HVAC  
Air Handling Units  
Fan coil units  
Refrigeration equipment  
Centrifugal fans  
Axial fans  
Air filters  
Duct heating & cooling Coils  
Dampers  
Sound attenuators  
Supply & extract  
Ornaments  
Heaters  
Sea water coolers  
Self-contained units  
Package units  
HVAC control systems  
HVAC instrumentation  
Piping & Insultation  
Ducting & Insultation

### Specialism

Heating systems  
Ventilation Systems  
Air Conditioning Systems  
Refrigeration Systems  
  
Air Conditioning Energy Savings  
Systems  
Heat Recovery systems  
  
Explosion proof HVAC+R  
Shock proof HVAC+R  
Non-magnetic HVAC+R  
  
Air filtering systems  
Proces ventilation systems  
  
Provision Cooling Plants  
  
Custom design & production

“Our mission:  
To ensure you the  
perfect climate indoors,  
regardless of the  
weather outside.”



## MAJOR NAVY PROJECTS

### Landing Craft Utilitu

**Hull no./Name**

2092-99

**Quantity**

8

**Owner**

Indian Navy

**Shipyard**

Garden Reach Shipbuilders

**Length**

65 M

### OPV

**Hull no./Name**

001-005

**Quantity**

5

**Owner**

Indian Navy

**Shipyard**

Pipavav Shipyard

**Length**

105 M

### Fast Attack Craft

**Hull no./Name**

2109-2112

**Quantity**

4

**Owner**

Indian Navy

**Shipyard**

Garden Reach Shipbuilders

**Length**

N/A

### Offshore Patrol Vessel

**Hull no./Name**

1194-96, 1211

**Quantity**

4

**Owner**

Indian Navy

**Shipyard**

Goa Shipyard

**Length**

105 M

### Catamaran Survey Ship

**Hull no./Name**

257

**Quantity**

1

**Owner**

Indian Navy

**Shipyard**

Alcock Asdown

**Length**

50 M

### SAIL Boat

**Hull no./Name**

1210

**Quantity**

1

**Owner**

Indian Navy

**Shipyard**

Goa Shipyard

**Length**

40 M

### Fast Attack Craft

**Hull no./Name**

2057-66

**Quantity**

10

**Owner**

Indian Navy

**Shipyard**

Garden Reach Shipbuilders

**Length**

N/A

### Tugboat 90600

**Hull no./Name**

RB-20/27/34/47

48/42391/394/935

**Quantity**

8

**Owner**

Russian Navy

**Shipyard**

Jurong Shipyard

**Length**

25 M

### Integrated Mast Module (IMM)

**Hull no./Name**

IMM for Holland Class (OPV)

**Quantity**

4

**Owner**

Royal Netherlands Navy

**Shipyard**

Damen Schelde Naval Shipbuilding

**Length**

N/A

### Stan Patrol 4207

**Hull no./Name**

Jumbo Jubilee

**Quantity**

1

**Owner**

Bulgarian Navy

**Shipyard**

Damen Shipyards

**Length**

42 M

### Tugboat 90600

**Hull no./Name**

924 Pomorje/RB-923

**Quantity**

2

**Owner**

Russian Navy

**Shipyard**

JSC Pella Shipyards

**Length**

25 M

### Stan Patrol 4207

**Hull no./Name**

549871/72/73

**Quantity**

3

**Owner**

Albanian Coast Guard

**Shipyard**

Damen Shipyards

**Length**

42 M





## MAJOR NAVY PROJECTS

### Integrated Mast Module (IMM)

**Hull no./Name**  
JSS "Karel Doorman"  
**Quantity**  
1  
**Owner**  
Royal Netherlands Navy  
**Shipyard**  
Defence Materieel Organisation  
**Length**  
N/A

### Fregate

**Hull no./Name**  
BNS Leopold 1  
**Quantity**  
1  
**Owner**  
Royal Belgium Navy  
**Shipyard**  
Damen Schelde Naval Shipbuilding  
**Length**  
122 M

### Stan Patrol 4207

**Hull no./Name**  
549874/75  
**Quantity**  
2  
**Owner**  
Albanian Navy  
**Shipyard**  
Damen Shipyards  
**Length**  
42 M

### Stan Patrol 4207

**Hull no./Name**  
549868/549870  
**Quantity**  
2  
**Owner**  
Australian Navy  
**Shipyard**  
Damen Shipyards  
**Length**  
42 M

### Stan Patrol 4207

**Hull no./Name**  
549865  
**Quantity**  
1  
**Owner**  
Barbados Coast Guard  
**Shipyard**  
Damen Shipyards  
**Length**  
42 M

### Torpedo Workshop

**Hull no./Name**  
MS Mercure  
**Quantity**  
1  
**Owner**  
Royal Netherlands Navy  
**Shipyard**  
Defence Material Organisation  
**Length**  
50 M

### Joint Support Ship

**Hull no./Name**  
A833 / JSS "Karel Doorman"  
**Quantity**  
1  
**Owner**  
Royal Netherlands Navy  
**Shipyard**  
Damen Schelde Naval Shipbuilding  
**Length**  
205 M

### Stan Patrol 2005

**Hull no./Name**  
548921/22/23  
**Quantity**  
3  
**Owner**  
German Water Police  
**Shipyard**  
Damen Shipyards  
**Length**  
20 M

### Hydr. Survey Vessel

**Hull no./Name**  
556053 / Tran Dai Nghia  
**Quantity**  
1  
**Owner**  
Vietnamese Navy  
**Shipyard**  
Damen Shipyards  
**Length**  
66 M

### Offshore Patrol Vessel

**Hull no./Name**  
Holland Class (OPV)  
**Quantity**  
4  
**Owner**  
Royal Netherlands Navy  
**Shipyard**  
Damen Schelde Naval Shipbuilding  
**Length**  
108 M



## MAJOR NAVY PROJECTS

### Frigate

**Hull no./Name**

405-407 / Tarik Ben Ziyad Class

**Quantity**

3

**Owner**

Royal Moroccan Navy

**Shipyard**

Damen Schelde Naval Shipbuilding

**Length**

98 M

### Stan Patrol 4207

**Hull no./Name**

HMBS Trident /Rudyard Lewis

**Quantity**

2

**Owner**

Barbados Navy

**Shipyard**

Damen Shipyards

**Length**

42 M

### Stan Patrol 549401

**Hull no./Name**

549401

**Quantity**

1

**Owner**

Swedish Coastguard

**Shipyard**

Damen Shipyards

**Length**

24 M

### Hydr.Research Vessel

**Hull no./Name**

556051 / H.T.M.S.

Pharuehatsabodi

**Quantity**

1

**Owner**

Royal Thai Navy

**Shipyard**

Damen Shipyards

**Length**

70 M

### Stan Patrol 2706

**Hull no./Name**

549960

**Quantity**

1

**Owner**

Royal Netherlands Navy

**Shipyard**

Damen Shipyards

**Length**

27 M

### Chemical Recovery Vessel

**Hull no./Name**

KBV003

**Quantity**

1

**Owner**

Swedish Coastguard

**Shipyard**

Schelde Naval Shipbuilding

**Length**

81 M

### Stan Patrol 3507

**Hull no./Name**

549966/67/68/69/70/71/ 72/73

**Quantity**

8

**Owner**

Singapore Coastguard

**Shipyard**

Damen Shipyards

**Length**

35 M

### Stan Patrol 2005

**Hull no./Name**

RV 61 Kattenburg /RV

162-Wijckemeer

**Quantity**

2

**Owner**

Royal Dutch Customs

**Shipyard**

Damen Shipyards

**Length**

20 M

### Stan Patrol 4207

**Hull no./Name**

P 131- Iliria / 549864

**Quantity**

2

**Owner**

Albanian Coast Guard

**Shipyard**

Damen Shipyards

**Length**

42 M

### Stan Patrol 1905

**Hull no./Name**

Triton

**Quantity**

1

**Owner**

Port of Amsterdam

**Shipyard**

Damen Shipyards

**Length**

19 M

### Stan Patrol 3407

**Hull no./Name**

RV 180-Glinder

**Quantity**

1

**Owner**

Royal Dutch Customs

**Shipyard**

Damen Shipyards

**Length**

34 M

### Oil Recovery Vessel

**Hull no./Name**

KBVB001/2

**Quantity**

2

**Owner**

Swedish Coastguard

**Shipyard**

Schelde Naval Shipbuilding

**Length**

81 M

### Corvette

**Hull no./Name**

399 & 400 / Diponegoro Class

**Quantity**

2

**Owner**

Indonesian Navy

**Shipyard**

Schelde Naval Shipbuilding

**Length**

91 M

### Stan Patrol 4207

**Hull no./Name**

HMBS Leonard C. Banfield /

549863

**Quantity**

1

**Owner**

Barbados Navy

**Shipyard**

Damen Shipyards

**Length**

42 M

### Support Vessel

**Hull no./Name**

Hr. Ms. Zuiderkruis / MS Pelikaan

**Quantity**

2

**Owner**

Royal Netherlands Navy

**Shipyard**

Damen Shiprepair

**Length**

170 M

## MAJOR NAVY PROJECTS

### Frigate

**Hull no./Name**

BNS Osman 2

**Quantity**

1

**Owner**

Bangladesh Navy

**Shipyard**

Hudong Shipyard

**Length**

103 M

### Corvette

**Hull no./Name**

397 & 398 / Diponegoro Class

**Quantity**

2

**Owner**

Indonesian Navy

**Shipyard**

Schelde Naval Shipbuilding

**Length**

91 M

### Patrol Vessel

**Hull no./Name**

HTMS Naratiwat HTMS Pattani

**Quantity**

2

**Owner**

Royal Thai Navy

**Shipyard**

Hudong Zhongua Shipyard

**Length**

94 M

### Stan Patrol 2005

**Hull no./Name**

548907/08/09/10

**Quantity**

4

**Owner**

Royal Dutch Customs

**Shipyard**

Damen Shipyards

**Length**

20 M

### Frigate

**Hull no./Name**

Wielingen/Wandelaar/Westdiep

**Quantity**

3

**Owner**

Royal Belgium Navy

**Shipyard**

SKB

**Length**

106 M

### Multi Role Vessel

**Hull no./Name**

HMNZS Canterbury - L421

**Quantity**

1

**Owner**

New Zealand Navy

**Shipyard**

Merwede Shipyard

**Length**

131 M

### Patrol Vessel

**Hull no./Name**

BNS Gomati/BNS Karotoa

**Quantity**

2

**Owner**

Bangladesh Navy

**Shipyard**

Hall, Russel & Company

**Length**

60 M

### Stan Patrol 4207

**Hull no./Name**

Valiant/Vigilant/Seeker/Seacher

**Quantity**

4

**Owner**

Royal British Customs

**Shipyard**

Damen Shipyards

**Length**

42 M

### Experimental Vessel

**Hull no./Name**

Dupuy de Lôme

**Quantity**

1

**Owner**

French Navy

**Shipyard**

Niesten Sander

**Length**

102 M

### Frigate

**Hull no./Name**

Abu Bakr

**Quantity**

1

**Owner**

Bangladesh Navy

**Shipyard**

Bangladesh Navy

**Length**

-

### Floating Drydock

**Hull no./Name**

Navy I

**Quantity**

1

**Owner**

Sri Lanka Navy

**Shipyard**

Colombo Dockyard

**Length**

65 M

### Training Vessel

**Hull no./Name**

T50A

**Quantity**

1

**Owner**

Algerian Navy

**Shipyard**

Hudong Zhongua Shipyard

**Length**

40 M

### Stan Patrol 1505

**Hull no./Name**

548603/4/5/6

**Quantity**

4

**Owner**

Royal Dutch Customs

**Shipyard**

Damen Shipyards

**Length**

15 M

### Stan Patrol 4708

**Hull no./Name**

549957 "Lilian Ngoyi"

**Quantity**

1

**Owner**

South Africa

**Shipyard**

Damen Shipyards

**Length**

47 M

### Stan Patrol 4207

**Hull no./Name**

549854

**Quantity**

1

**Owner**

Albanian Coast Guard

**Shipyard**

Damen Shipyards

**Length**

42 M

## MAJOR NAVY PROJECTS

### Stan Patrol 3407

**Hull no./Name**

549956

**Quantity**

1

**Owner**

Royal Dutch Customs

**Shipyard**

Damen Shipyards

**Length**

34 M

### Interceptor

**Hull no./Name**

C-153/C-154

**Quantity**

2

**Owner**

Indian Coast Guard

**Shipyard**

ABG

**Length**

26 M

### Stan Patrol 4207

**Hull no./Name**

Poema/Panter/Jaguar

**Quantity**

3

**Owner**

Netherlands Antilles & Aruba

**Shipyard**

Damen Shipyards

**Length**

42 M

### Hydr. Research Vessel

**Hull no./Name**

Luymes/Snellius

**Quantity**

2

**Owner**

Royal Netherlands Navy

**Shipyard**

Schelde Naval Shipbuilding

**Length**

81 M

### Stan Patrol 1800

**Hull no./Name**

548901/2/3/4/5/6

**Quantity**

6

**Owner**

Royal Dutch Police

**Shipyard**

Damen Shipyards

**Length**

81 M

### Stan Patrol 2606

**Hull no./Name**

549501/2/3/4/5/6/7

**Quantity**

7

**Owner**

Royal Saudi Navy

**Shipyard**

Damen Shipyards

**Length**

42 M

### Training Vessel

**Hull no./Name**

Van Kinsbergen

**Quantity**

1

**Owner**

Royal Netherlands Navy

**Shipyard**

Damen Shipyards

**Length**

42 M



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