HOS MPSV FLEET

LIFE-OF-FIELD SUPPORT

Vessel Specifications and Equipment

Overview



MULTI-PURPOSE SUPPORT VESSELS

SALES@HORNBECKOFFSHORE.COM WWW.HORNBECKOFFSHORE.COM

The highly innovative HOSMPSV[™] Fleet provides marine solutions to meet the evolving needs of the deep water energy industry with a range of service capabilities from petroleum and chemical tankers to subsea intervention and operations support.

The accommodation fleet offers a wide range of offshore housing solutions, including "walk-to-work" features and many other amenities.

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OFFSHORE HOSPITALITY

ONE SIZE DOES NOT FIT ALL

194 BERTHS

HOS BRIARWOOD

130 BERTHS

HOS ACHIEVER

267 BERTHS

HOS IRON HORSE 245 BERTHS

OILFIELD ARMADA

WORLD'S LARGEST JONES ACT COMPLIANT MPSV FLEET







HOS MYSTIQUE

HOSMPSV 250 Class

Deadweight

Deck area

Deck cargo

Dry bulk

Year built	2008	Potable water	30,850 gal (120 m³)
Flag	United States	Rig fuel	145,900 gal (550 m ³)
Length	250 ft (76.2 m)	Rig water	321,980 gal (1,220 m³)
Certifications	Oceans-SOLAS, USCG	FiFi monitors	1 x 3,000 gpm (680 m ³ /hr)
Classifications	Subchapter I and L, SIP ABS, *DPS-2, *A1, ACC, *AMS, Loadline, OSV	Offshore crane	100 MT w/AHC, 35 m hook height, personnel lift rated 7.5 MT
Main engines	5,586 bhp	Deck crane	13 MT
Aux	Primary: 1,020 kW Auxiliary: 1,000 kW Deck: 1,250 kW	ROV	1 x 150 hp work class
		Hydro-acoustic	HIPAP 500 w/ deployment system
Bow thrusters	2 x CPP tunnel (1,900 hp)	Transducer well	22 in diameter
Stern thruster	1 x CPP tunnel (950 hp)	Roll damping	Anti-roll tank (active ballast), bilge keels
Propellers	CPP, high efficiency 4-Blade	Berthing	57 people Gym, lounge, locker room
Rudder	Independent steering, fishtail		

2,330 LT (2,370 MT)

5,130 ft² (480 m²)

6,240 ft³ (180 m³)

Rated: 5 MT/m² 1,100 LT (1,120 MT)

HOS RIDGEWIND

HOSMEX 265 Class

Year built	2001	Deck area	5,430 ft ² (500 m ²) Rated: 5 MT/m ²
Flag	Mexico		
Length	260 ft (79.2 m)	Deck cargo	1,950 LT (1,980 MT)
Certifications	Oceans-SOLAS	Liquid mud	9,410 bbl (1,500 m ³)
Classifications	ABS, &DPS-2, &A1, &AMS, ACC, Loadline, OSV, OSR-C2	Brine	9,410 bbl (1,500 m ³)
		Recovered Oil (>60° C FP)	9,410 bbl (1,500 m ³)
Main engines	6,780 hp	Potable water	20,530 gal (80 m ³)
Generators	Shaft: 4,000 kW Primary: 640 kW Auxiliary: 1,000 kW Deck: 2,500 kW	Watermaker	8,000 gpd (30 m ³ /day)
		Rig fuel	144,580 gal (550 m³)
		Rig water	395,260 gal (1,500 m ³)
Bow thrusters	1 x CPP azimuth drop- down (1,200 hp)	Berthing	80 people Locker room, conference
	1 x CPP tunnel		room, offices
	(1,200 hp)	Offshore crane	100 MT w/AHC, 2,000 m wire, 35 m hook height
Stern thrusters	2 x CPP tunnel (1,200 hp)	Deck crane	18 MT
Propellers	CPP, high-efficiency, 4-blade	ROV	1 x 200 hp work class
Rudder	Independent steering, fishtail		
Deadweight	3,070 LT 3,120 MT		





HOS BAYOU

HOSMPSV 310 Class

Year built

Flag United States

Length 302 ft (92 m)

Certifications Oceans-SOLAS, USCG

2014

Subchapter I and L

Classifications ABS, ⊕DPS-2, ⊕A1, ACP,

♣ACCU, ♣AMS, CRC, (E), FFV-I, HELIDK, Loadline, OSV, UWILD,

OSR-C2

Main generators Main: 7,300 kW

Auxiliary: 1,880 kW

Main propulsion 2 x azimuth z-drives

(6,700 hp)

Bow thrusters 2 x FPP tunnel (3.160

hp)

Deadweight 5,190 LT (5,270 MT)

Deck area 7,595 ft² (705.6 m²)

Rated: 5 MT/m²

Deck cargo 2,075 LT (2,108 MT)

Dry bulk 14,350 ft³ (406 m³)

Liquid mud 20,990 bbl (3,340 m³)

Methanol 1,960 bbl (310 m³)

Watermaker 4,000 gpd (15 m³/day)

Rig fuel 268,280 gal (1,020 m³)

Rig water 519,160 gal (1,970 m³)

FiFi monitors 2 x 5,280 gpd (2 x 1,200

m³/hr)

Berthing 70 people

Potable water

Client offices, conference room, theater, hospital

62,550 gal (240 m³)

Helideck Sikorsky S-61N / S-92N

Offshore crane 150 MT w/ AHC, 2,900 m

wire, 38 m hook height, personnel lift rated 7.5 MT

Deck crane 13 MT, personnel lift

rated 0.6 MT

ROV 2 x 150 hp work class

DP reference 1 x HiPAP 500 **Fast rescue craft** 1 x 15 persons

Roll reduction Anti-roll tank

HOS WARLAND

HOSMPSV 310ES Class

Year built 2016

Flag United States

Length 302 ft (92.05 m)

Certifications Oceans-SOLAS, USCG

Subchapter I and L

Classifications ABS, ♣DPS-2, ♣A1, ACP,

*ACCU, ACP, *AMS, CRC, (E), ENVIRO, FFV-I, IHM, HELIDK, Loadline, SPS, OSV (HLC, HNLS, HDC).

UWILD, OSR-C2

Main generators 9,000 kW

Main propulsion 2 x azimuth z-drives

(6,700 hp)

Bow thrusters 1 x azimuth swing-down

(1,180 hp)

2 x FPP tunnel (2,360 hp)

Stern thruster 1 x FPP tunnel (1,180 hp)

Deadweight 5,130 LT (5,220 MT)

Deck area 10,300 ft² (957 m²)

Rated: 10 MT/m²

Deck cargo 1,930 LT (1,960 MT)

Liquid mud 19,120 bbl (3,040 m³)

Methanol 1,730 bbl (270 m³)

Potable water 171,350 gal (650 m³)

Watermaker 8,000 gpd (30 m³/day)

Rig water: 619,320 gal (2,340 m³)

FiFi monitors: 2 x 5,280 gpd (2 x 1,200

m³/hr)

Total berthing: 85 people

Rig fuel

Hospital, 20 office stations, conference room, gym, cargo

474,310 gal (1,800 m³)

elevator

Helideck Sikorsky S-61N / S-92N

Helicopter restart capa-

bility

Offshore crane 250 MT w/AHC, AT,

3,700 m wire, 42 m hook height, personnel

lift rated 11 MT

Deck crane 13 MT, personnel lift

rated 0.6 MT

Tuggers 2 x 12 MT

ROV 2 x 150 hp work class

w/ ROV control room and

workshop

DP reference 1 x HiPAP 500

Fast rescue craft 1 x 15 people

Moon pool 15 x 18 ft (4.6 x 5.5 m)

w/ hatch





HOS WOODLAND

HOSMPSV 310ES Class

Deck cargo

Liquid mud

Methanol

Year built 2016 171,350 gal (650 m³) Potable water Flag **United States** Watermaker 8,000 gpd (30 m³/day) 302 ft (92.05 m) Rig fuel 474,310 gal (1,800 m³) Length Certifications Oceans-SOLAS, USCG Rig water: 619,320 gal (2,340 m³) Subchapter I and L FiFi monitors: 2 x 5,280 gpd (2 x 1,200 Classifications ABS, **♣**DPS-2, **♣**A1, ACP, m³/hr) **♣**ACCU. ACP. **♣**AMS. CRC. Total berthing: 85 people (E), ENVIRO, FFV-I, IHM, Hospital, office stations HELIDK, Loadline, SPS, (20), conference room, OSV (HLC, HNLS, HDC), gym, cargo elevator UWILD, OSR-C2 Helideck Sikorsky S-61N / S-92N Main generators 9,000 kW Offshore crane 250 MT w/AHC, AT, **Main propulsion** 2 x azimuth z-drives 3,700 m wire, 42 m (6,700 hp) hook height, personnel Bow thrusters 1 x azimuth swing-down lift rated 11 MT (1,180 hp) Deck crane 13 MT, personnel lift 2 x FPP tunnel (2,360 hp) rated 0.6 MT 1 x FPP tunnel (1,180 hp) Stern thruster **Tuggers** 2 x 12 MT Deadweight 5,130 LT (5,220 MT) ROV 2 x 150 hp work class w/ ROV control room and Deck area 10,300 ft² (957 m²) workshop Rated: 10 MT/m² 1 x HiPAP 500

1,930 LT (1,960 MT)

19,120 bbl (3,040 m³)

1,730 bbl (270 m³)

DP reference

Moon pool

Fast rescue craft 1 x 15 people

w/ hatch

15 x 18 ft (4.6 x 5.5 m)

HOS WARHORSE

HOSMPSV 400ES Class

Year built	TBD	Potable water	178,310 gal (680 m³)
Flag	United States	Watermaker	8,000 gpd (30 m³/day)
Length	362 ft (110.34 m)	Rig fuel	561,310 gal (2,130 m ³)
Certifications	Oceans-SOLAS, USCG	Rig water	766,230 gal (2,900 m ³)
Classifications	Sbchptr I and L ABS, *DPS-2, *A1, ACP,	FiFi monitors:	2 x 5,280 gpd (2 x 1,200 m ³ /hr)
	ACCU, ★AMS, CRC, GP, (E), ENVIRO, FFV-I, SPS, HELIDK, Loadline, RRDA, UWILD, OSV (HLC, HDC, HNLS)	Berthing	102 people Client offices, 25 office stations, conference room, cinema, gym
Generators	Main: 9,000 kW	Helideck	Sikorsky S-61N / S-92N
	Auxiliary: 3,450 kW	Offshore crane 1	250 MT w/AHC, AT,
Main propulsion	2 x azimuth z-drives (6,705 hp)		3,700 m wire, 42 m hook height
Bow thrusters	1 x azimuth drop-down (1,180 hp)	Offshore crane 2	100 MT w/ AHC, 2,000 m wire
	2 x FPP tunnel (2,360 hp)	Deck crane	13 MT, personnel lift
Stern thruster	1 x FPP tunnel (1,180 hp)	T	rated 0.6 MT
Deadweight	6,270 LT (6,370 MT)	Tuggers	2 x 12 MT
Deck area	13,600 ft² (1,260 m²) Rated: 10 MT/m²	ROV	2 x 250 hp work class w/ ROV control room & workshop
Deck cargo	2,750 LT (2,790 MT)	DP reference	1 x HiPAP 500
Liquid mud	11,320 bbl (1,800 m³)	Fast rescue craft	1 x 15 Person(s)
Flammable	4,890 bbl (780 m³)	Moon pool	15 x 18 ft (4.6 x 5.5 m)





HOS WILD HORSE

HOSMPSV 400ES Class

Year built **TBD** 4,890 bbl (780 m³) Flammable Flag **United States** Potable water 178,310 gal (680 m³) 362 ft (110.34 m) Watermaker $8.000 \text{ gpd } (30 \text{ m}^3/\text{day})$ Length Certifications Oceans-SOLAS, USCG 561,310 gal (2,130 m³) Rig fuel Sbchptr I and L Rig water 766,230 gal (2,900 m³) Classifications ABS, &DPS-2, &A1, ACP, FiFi monitors: 2 x 5,280 gpd (2 x 1,200 ACCU, AMS, CRC, GP, m³/hr) (E), ENVIRO, FFV-I, SPS, HELIDK, Loadline, RRDA, Berthing 102 people UWILD, OSV (HLC, HDC, Client offices, 25 office HNLS) stations, conference room/ cinema, gym Main: 9,000 kW Generators Auxiliary: 3,450 kW Helideck Sikorsky S-61N / S-92N Helicopter restart capa-**Main propulsion** 2 x azimuth z-drives bility (6.705 hp)250 MT w/AHC, AT, Offshore crane Bow thrusters 1 x azimuth drop-down 3,700 m wire, 42 m (1.180 hp)hook height 2 x FPP tunnel (2,360 hp) Deck crane 13 MT, personnel lift Stern thruster 1 x FPP tunnel (1,180 hp) rated 0.6 MT Deadweight 6,570 LT (6,670 MT) 2 x 12 MT **Tuggers** Deck area 13.700 ft² (1.270 m²) ROV 2 x 250 hp work class w/ Rated: 10 MT/m² control room & workshop Deck cargo 2,750 LT (2,790 MT) **DP** reference 1 x HiPAP 500 Liquid mud 11,320 bbl (1,800 m³) Moon pool 15 x 18 ft (4.6 x 5.5 m)

HOS IRON HORSE

HOSMPSV 430 Class

Ballast water:

Potable water:

Watermaker:

Ship's fuel:

Year built 2009 Berthing 245 people Client offices, operations Flag Mexico room, conference room, gvm. locker room. 2 Length 432 ft 1 in (131.7 m) theaters, 2 recreational Certifications Oceans-SOLAS rooms, hospital Classifications ABS, ♣DPS-3, ♣A1, OSV, Helideck Sikorsky S-61N **♣**ACCU, **♣**AMS, HELIDK, Offshore crane 1 400 MT w/AHC. 3.000 m HDC 10 t/m², Loadline wire, 42 m hook height, Main generators 11,536 kW personnel lift rated 2 MT Main propulsion 2 x CPP steerable Offshore crane 2 120 MT w/AHC, 1,550 m azimuth (8,050 hp) fast wire, personnel lift rated 1.5 MT Bow thrusters 2 x CPP tunnel (3,600 (ad Roll damping Active and passive 1 x CPP azimuth drop-Fast rescue craft 1 x 15 people down (1,600 hp) 25.5 x 24.5 ft (7.8 x Moon pool Deadweight: 5,910 LT (6,000 MT) $7.5 \, \text{m}$ Deck Area: 8,130 ft² (760 m²) Rated: 10 MT/m²

875,000 gal (3,310 m³)

28,000 gpd (110 m³/day)

352,340 gal (1,330 m³)

137,450 gal (520 m³)





HOS CENTERLINE

1 x CPP Tunnel

1 x CPP Tunnel

7,900 LT 8,030 MT

(1,500 hp)

(1,500 hp)

Stern thruster

Deadweight

HOSMPSV 370 Class

Year built 1992 / 2008 11,600 ft² (1,077.6 m²) Deck area Rated: 5 MT/m² Flag **United States** Deck cargo 4,700 LT (4,780 MT) 381 ft (116.1 m) Length **Brine** 30,960 bbl (4,920 m³) Certifications Oceans-SOLAS, USCG Subchapter I/L and D/O, Cargo oil (D/O) 24,550 bbl (3,900 m³) OSRV Fresh water 64,980 gal (250 m³) Classifications ABS, ♣DPS-2, ♣A1, Liquid mud 30,960 bbl (4,920 m³) **★**AMS, ACP, ACC, CRC, (E), ESP, Loadline, Oil Rig fuel (I/L) 1,523,510 gal (5,770 m³) Carrier/Chemical Carrier/ Rig water 1,352,820 gal (5,120 m³) OSV, UWILD Berthing 47 people Main engines 8,000 kW (capable of installing additional deck berthing for 31 Main generators 1,275 kW people) Main propulsion 2 x FPP steerable Client office, lounge (6,000 hp) Roll damping: Anti-roll tank, passive 2 x CPP azimuth drop-**Bow thrusters** 3 x 20 MT **Deck cranes** down (3,000 hp)

Watermaker

9,000 gpd (30 m³/day)

HOS STRONGLINE

HOSFLEX 370 Class

Year built	1992 / 2008	Deck area	8,880 ft ² (830 m ²) Rated: 5 MT/m ²
Flag	United States	Deck cargo	4,700 LT (4,780 MT)
Length	381 ft (116.1 m)	•	
Certifications	Oceans-SOLAS, USCG Subchapter I/L and D/O	Dry bulk	6,240 ft ³ (177 m ³)
		Brine	30,960 bbl (4,920 m ³)
Classifications	ABS, #A1, #ACC, (E), #AMS, CRC, #DPS-2, ESP, FFV 1-NS, UWILD Loadline, OSR-C1, Oil/ Chemical Carrier/OSV	Cargo oil (D/O) (<60 °C FP)	24,550 bbl (3,900 m³)
		Fresh water	64,980 gal (250 m³)
		Liquid mud	30,960 bbl (4,920 m³)
Main engines	8,000 kW	Rig fuel (I/L)	1,523,510 gal (5,770 m ³)
Main generators	1,275 kW	Rig water	1,352,820 gal (5,120 m³)
Main propulsion	2 x FPP Steerable (6,000 hp)	Berthing	52 people (capable of installing additional deck berthing for 56
Bow thrusters	2 x CPP Azimuth Drop-		people)
	down (3,000 hp)		Client office, lounge
	1 x CPP Tunnel (1,500 hp) 1 x CPP Tunnel (1,500 hp)	Roll damping	Anti-Roll Tank, Passive
		Deck cranes	3 x 20 MT
Stern thruster		Watermaker	5,000 gpd (20 m ³ /day)
Deadweight	7,870 LT (8,000 MT)	FiFi monitors	2 x 5,280 gpm (2 x 1,200 m³/hr)



HOS BRIARWOOD

HOSMAX 310EQH Class

Year built

Unites States Flag

Length 302 ft (92 m)

Certifications Oceans-SOLAS, USCG

2015

Subchapter I, and L

Classifications ABS, **♣**DPS-2, **♣**A1,

 ACCU. ACP. AMS. CRC, (E), ENVIRO, FFV-I, GP, HELIDK, Loadline, OSV, OSR-C2, UWILD

Main engines 7.300 kW

Main propulsion 2 x azimuth z-drives

(6,700 hp)

Bow thrusters 2 x FPP tunnel (3,160 hp)

Deadweight 5,233 LT (5,318 MT)

Deck area 5,596 ft² (520 m²)

Rated: 5 MT/m²

Deck cargo 1.850 LT (1.880 MT)

Dry bulk 14,350 ft³ (406 m³)

Liquid mud 21,417 bbl (3,405 m³)

Methanol 2,212 bbl (352 m³)

Recovered oil (<60° C FP)

2,212 bbl (352 m³)

Recovered oil 21,417 bbl (3,405 m³) (>60° C FP)

Potable Water: 62,549 gal 237 m³

Watermaker: 16,000 gpd (60 m³/day)

Rig fue 268.280 gal (1.020 m³)

528,040 gal (2,000 m³) Rig water

FiFi monitors 2 x 5,280 gpm (2 x 1,200

m³/hr)

Berthing 130 people

> 9 office stations, 2 galleys, 2 mess halls, 2 laundry rooms, gym, theater, 800 ft² indoor smoking lounge/game room, hospital

Helideck Sikorsky S-92

Restart capability &

luggage conveyor

Offshore crane 100 MT w/ AHC, 2,000 m

wire, 35 m hook height

Deck crane 13 MT.

personnel rated 0.6 MT

Liquid mud

Hydraulic paddle agitamixing

Fast rescue craft 1 x 15 people

ROV: 1 x 150 hp work class

HOS RIVERBEND

HOSMPSV Flotel Class

2014 Year built

Flag **United States**

292 ft (89 m) Length

Certifications Oceans-SOLAS, USCG

Subchapter I and L

Classifications ABS, ♣DPS-2, ♣A1,

ACP. **♣**ACCU. **♣**AMS. CRC, (E), ENVIRO, GP, OSV, FFV-1, HELIDK,

Loadline, UWILD

7.300 kW Main engines

Main propulsion 2 x azimuth z-drives

(6,700 hp)

Bow thrusters 2 x FPP tunnel (3,160

(qd

3,470 LT (3,520 MT) Deadweight

Dry bulk 8.200 ft³ (230 m³)

Liquid mud / 16.940 bbl (2.690 m³)

ballast

Potable water 139,560 gal (530 m³)

Watermaker 22,000 gpd (80 m³/day)

Rig fuel 220,168 gal (833 m³) Rig water: 498,520 gal (1,880 m³)

FiFi monitors 2 x 5,280 gpm (2 x 1,200

m³/hr)

194 people Berthing

> Client offices w/ conference room, fitness center, men & women's locker/wash rooms, 2 theaters, recreational room, 800 ft² indoor smoking lounge, hospital

Helideck Sikorsky S-92 (12.6 MT)

Luggage conveyor & heli-

copter restart capability

Offshore crane 35 MT.

personnel rated 3.75 MT

Deck crane 13 MT.

personnel rated 0.6 MT

Offshore gangway Active-motioncompensated

Operating length 19.4 m / ±4 m Operating angle +20° / -15°

Fast rescue craft 1 x 15 people



HOS ACHIEVER

HOSMPSV Flotel Class

Year built 2008 Flag Vanuatu

Length 432 ft 1 in (131.7 m)

Certification Oceans-SOLAS

Classification ABS, ⊕DPS-3, ⊕A1,

♣ACCU, ♣AMS, HELIDK, HDC 10 t/m², Loadline

Generators Main: 11,500 kW

Auxiliary: 3,600 kW

Main propulsion 2 x FPP steerable azi-

muth (8,050 hp)

Bow thrusters 2 x CPP tunnel (3,600 hp)

1 x CPP drop-down azi-

muth (1,600 hp)

Deadweight 5,100 LT (5,180 MT)

Ballast water 859,250 gal (3,250 m³)

Potable water 145,440 gal (550 m³)

Watermaker 35,140 gpd (130 m³/day)

Ship's fuel 318,910 gal $(1,207 \text{ m}^3)$

Berthing 267 people

4,000 ft² fitness center

 $800 \; ft^2 \; indoor \; smoking$

lounge 2 theaters

2 recreational rooms 3 conference rooms

Client offices

Men & women's locker/

wash rooms

Deck changing room

Internet cafe Hospital

Helideck Sikorsky S-92 (12 MT)

Re-fueling and restart

Offshore crane 160 MT,

personnel rated 5 MT

Offshore gangway Active-motion compensated

Operating length $19.4 \text{ m} / \pm 4 \text{ m}$ Operating angle $+20^{\circ} / -15^{\circ}$

Roll damping Active and passive

Fast rescue craft 1 x 15 people

HOS Achiever Fitness Center











THE HOS® FLEET



400 FT