



The Newest WSV

COSL

HYSY 640

HYSY 640, which is newly built, used for offshore well stimulation, including acidizing, fracturing, sand and well control operation. Equipped with advanced DP-2 system, it provides unprecedented station-keeping capabilities, and also provides stimulation data collection, analysis, and treatment monitoring.



General Information**Classification:**

CSA Offshore Supply Ship (2008 special purpose ship), Well Stimulation, Ice Class B, CSM AUT-0, DP-2

Built : China 2014

Flag State: China

Dimensions

Length overall	81.15m
Breadth moulded	18m
Draught (operational)	5.8m
Draught (max)	7.4m

Main Data

Max load:	2810t
Main engine HP:	4*2100hp
Generation:	4*1971hp
Cruising speed:	14Kn
Cruising ability:	6000n mile
Accommodation:	17+20

Storage

Fresh water:	360m ³
Diesel fuel:	560 m ³
Gel tank:	750 m ³
Acid tank:	200 m ³
Proppant:	120 m ³

Stimulation data**Treatment pumps:**

Hydraulic horsepower:	5*2000hhp
Max treatment rate:	5*12bbls
Max treatment pressure:	5*FS2251 Triplex pumps (modular) powered by diesel engines

Blender:

Max rate:	60bpm at 20ppa
Dry additive:	0-55l/min
Liquid additive:	0-600l/min

Continuous gel mixing:

Max delivery rate:	50bpm
Gel loading and viscosity response time	3min to blender

Coflexip Line reel:

3"/15000psi with quick disconnect system

System control:

Computerized data logging and processing in real time

Two operational modes; automatic and manual

Real-time plots of selectable parameters

Onboard computerized job design facilities

Continuous, multifunction, strip chart recording

Others:

Sea water treatment system

Crane : 2T*10m

Multi problems one solution