



DIAMOND WIRE CUTTING

CAPABILITIES STATEMENT

In collaboration with



WHO ARE WE?



- Established in **1987**
- A **Public Listed Company** on the Singapore Catalist board since 2011
- An **ISO9001:2015** certified company.
- Some notable achievements include;
 - ✓ **Proprietary technology, MGP** has been installed in over 500 structures worldwide to date.
 - ✓ **Installed the first TLP** in Malaysia
 - ✓ **Installed the first refurbished oil platform** in Malaysia and delivered 1st oil within 12 months from LOI
 - ✓ **Decommissioned the first oil platform** in Malaysia
 - ✓ **Decommissioned the first FPSO** in Malaysia
 - ✓ Established a **Centre of Disruptive Technologies** and a **regional distribution network** to **combine disruptive technologies** and **proven engineering capabilities**

BUSINESS UNITS



ASSET INTEGRITY MANAGEMENT (AIM)

Offering range of **disruptive technologies** to maintain integrity and extend the life of both offshore and onshore assets.



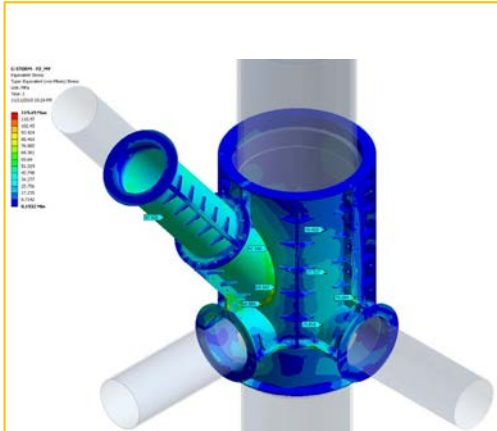
DECOMMISSIONING (EPRD)

Provision of **complete turnkey decommissioning solutions** ranging from engineering study, planning, removal and disposal.

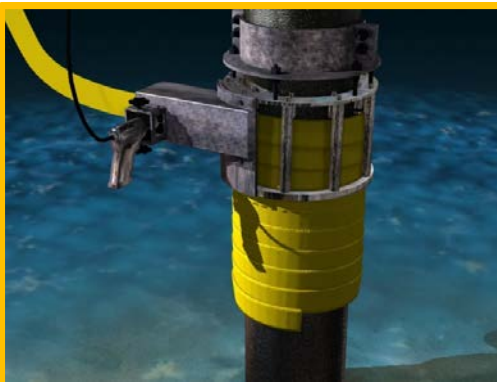
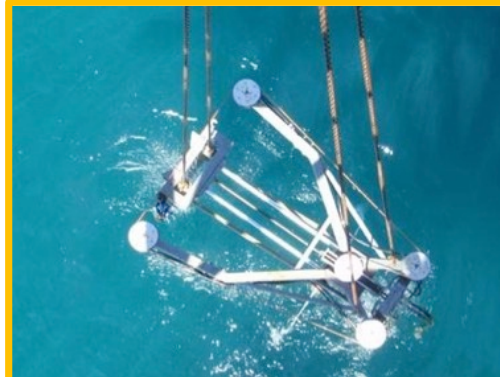
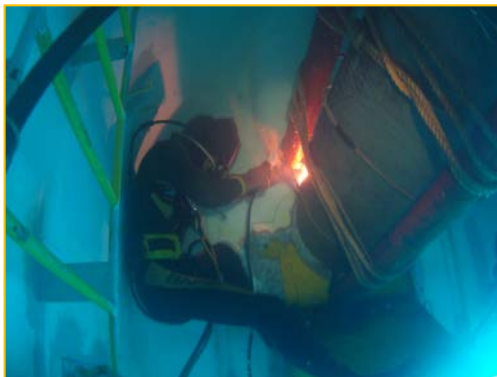
ASSET INTEGRITY MANAGEMENT



REPAIR & REHABILITATION SOLUTIONS



- ✓ Engineering Design & Analysis
- ✓ **Diamond Wire Cutting**
- ✓ Underwater Dry Welding
- ✓ Free Span Correction
- ✓ Jacket Strengthening
- ✓ Diverless Riser Repair
- ✓ Epoxy Sleeve Repair
- ✓ Composite Repair





DIAMOND WIRE CUTTING

 in partnership with



DIAMOND WIRE CUTTING COMPETENCIES

- **Experience** – IEV's expertise in Cold Cutting services dates to 1997. Since then, we have completed over 50 cutting projects including decommissioning of platforms in Malaysia, Brunei, India, Indonesia, Saudi Arabia, Thailand, Myanmar, UAE, Singapore, Australia and Taiwan.
- **Diversity** - Our diamond cutting technologies include a full range and size of diamond wire cutters to provide cold cutting of not only tubulars above or underwater but also loop cutting of all different types of steel and concrete structural configurations such as dam, wharf, etc.
- **Quality** – IEV is registered with DNV –UKAS and operates in compliance with ISO 9001:2008.

Cold Cutting

Diamond Wire Cutting - Bluegrass

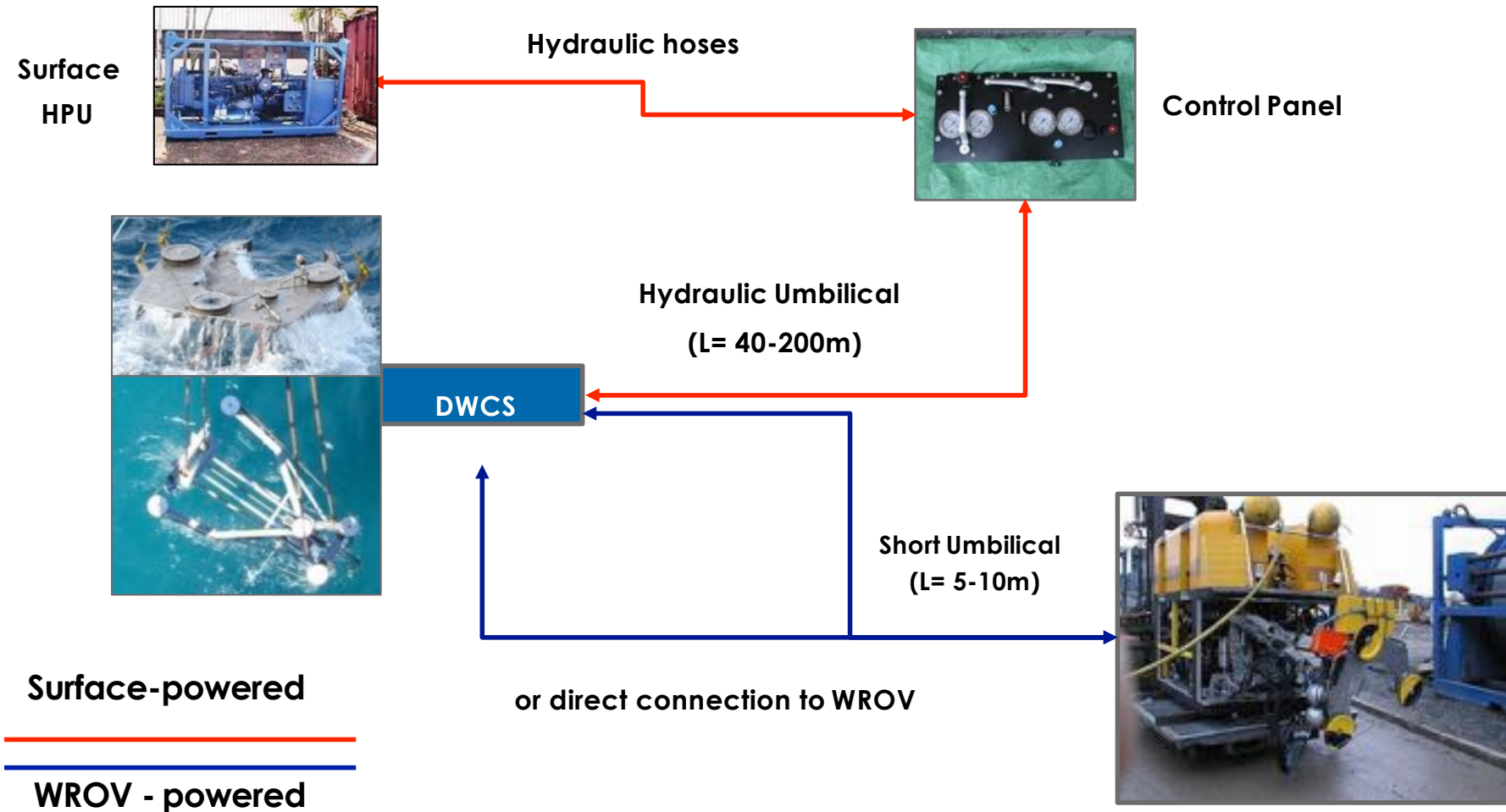
- **Experience** – 3 decades experience in providing cutting solutions in hazardous, inaccessible, nuclear settings and on industrial, petrochemical and lock and dam projects.
- Saw range available in incremental dimensions from 10" – 144" and are built of stainless steel.

Saw Dimensions: [12"](#), [16"](#), [26"](#), [36"](#), [48"](#), [60"](#), [72"](#), [Free Saw](#)

- Also available, asymmetrical diamond wire saws capable of cutting limited access structures of any size, shape and combination of materials from carbon steel to concrete.
- All equipment, saws and diamond wire are built in-house.

Diamond Wire Cutting Spread

TYPICAL OFFSHORE SPREAD



Key Features

Equipment

- Variety of cutting tools that can be made fit for purpose.
- Equipment layout designed to fit small deck-space.
- Loop cutting that enables removal of large structures.
- Range of equipment that can be utilised for underwater and above-water,
- Equipment can be diver or ROV deployed.

Manpower

- Experienced manpower to manage the entire project from engineering to execution.
- Competent operator with 20 years of cutting experience.

Local presence

- IEV currently operates in Asia Pacific region with bases in Malaysia, Indonesia, India and Vietnam.
- IEV cutting tools are centrally located to enable fast and easy mobilization.

Quality and Project Management

- IEV's operations adheres to ISO 9001:2000 international standards.

Notable Cutting Projects



YEAR	PROJECT	COUNTRY	CUTTING TOOL
2020	Provision of Diamond Wire Cutter Services for Tembikai Non Associated Gas (TNAG) Development	Malaysia	DWC
2019	Provision of Diamond Wire Cutter Services for Gorek, Bakong and Larak Fields	Malaysia	DWC
2019	Provision DW cutting service – D35-RA 18” pipeline	Malaysia	DWC
2018	Provision of DW cutting service for 18” CRA pipeline	Malaysia	DWC
2017	Provision of Diamond Wire Cutting Tool for Ghana OCTP Development Project	Ghana	
2017	Provision of Diamond Wire Cutting Services for Brunei Shell Petroleum (BSP)	Brunei	
2016	Provision of Subsea Dredging, Cutting Services & Pipeline Coating Removal for Talisman Project	Malaysia	
2015	Provision of Shapinsay cutting service for 12” pipeline with maximum OD of 20”	Brunei	DWC
2015	Provision of Shapinsay cutting service for 12” pipeline with 12.5mm wall thickness and 3mm CRA coating	Brunei	DWC
2014	Provision of Rousay cutting service for 33”-36” pipeline	Malaysia	DWC
2014	Provision of Wachs cutting services for 16” OD pipeline with 25.4mm concrete coating, carbon steel API5L X52 and 5.5 Asphaltcoating	Indonesia	DWC
2014	Provision of Shapinsay cutting service for 16” OD pipeline with 25.4mm concrete coating, carbon steel API5L X52 and 5.5 Asphaltcoating	Indonesia	DWC
2014	Provision of cutting services of a 26” diameter pipeline	Thailand	DWC

Notable Cutting Projects



YEAR	PROJECT	COUNTRY	CUTTING TOOL
2014	Provision of cutting services of a 26" diameter pipeline	Thailand	DWC
2014	Provision of cutting services for a pressure vessel	Myanmar	DWC
2014	Provision of rental of cutting equipment, consumables and manpower for cutting of 22" OD pipeline	Malaysia	DWC
2013	Provision of Rousay cutting services for 35" OD pipeline	Myanmar	DWC
2013	Provision of cutting services of a 16" OD pipeline	Indonesia	DUBLEXO®
2013	Provision of Stronsay cutting services for 10.75" OD pipeline	Indonesia	DWC
2012	Provision of cutting services of 16" OD pipeline	UAE	DWC
2012	Provision of Sanwick cutting services of 56" OD multi-string conductor well assembly	Indonesia	DWC
2012	Provision of cutting services of 24" pipeline	Indonesia	DUBLEXO®
2012	Provision of cutting services of 24" pipeline with 12.7mm wall thickness and 70mm concrete thickness	Indonesia	DUBLEXO®
2011	Dublexo Cutting Services for 24" Pipeline	Indonesia	DUBLEXO®
2011	Semarang-4 (SM-4) platform decommissioning	Malaysia	DWC
2010	Provision of Stronsay cutting services for recovery of sunken buoy from 90m water depth	Indonesia	DWC

Notable Cutting Projects



YEAR	PROJECT	COUNTRY	CUTTING TOOL
2010	Provision of Stronsay cutting services for subsea pipeline of 4", 6" and 10" at 18m to 40m water depth	Brunei	DWC
2010	Provision of cutting services for severance of 18" pipeline	Thailand	DUBLEXO®
2010	Provision of cutting services of 12" riser	Indonesia	DUBLEXO®
2009	Provision of cutting services of 10" riser	Indonesia	DUBLEXO®
2009	Provision of cutting services for severance of 18" pipeline	Thailand	DUBLEXO®
2009	Provision of cutting services for pipeline replacement	Malaysia	DUBLEXO®
2008	Provision of cutting services of 16" pipeline and recovery	Thailand	DUBLEXO®
2006	Provision of cutting services of 30" OD conductor	Brunei	DUBLEXO®
2006	Provision of cutting services of SPM chain	Indonesia	AWJ
2004	Provision of cutting services for pipeline repair (42" and 24")	Indonesia	AWJ
2004	Provision of 48" pile cutting services	Malaysia	AWJ
2004	Provision of cutting services for a 24" pipeline	Malaysia	DWC
2004	Provision of cutting services for a conductor	Brunei	DWC

Notable Cutting Projects



YEAR	PROJECT	COUNTRY	CUTTING TOOL
2002	Provision of cutting services for various piles and pipelines	Singapore	DWC
2002	Provision of cutting services for a caisson	Malaysia	DWC
2002	Provision of cutting services for a 6" pipeline	Malaysia	DWC
2003	Provision of cutting services for a 24" pipeline	Indonesia	DWC



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