



# DIGATEX

About DIGATEX

February 2026



Leveraging AI technology –  
Services with no people



Enabling Digital Twins by  
transforming 2D legacy data



**Downstream Refining  
& Chemicals**



**Renewables**



**Power**

**ASSET INTENSIVE INDUSTRIES**



**Midstream Pipelines &  
Terminals**



**Upstream Oil & Gas  
& LNG**

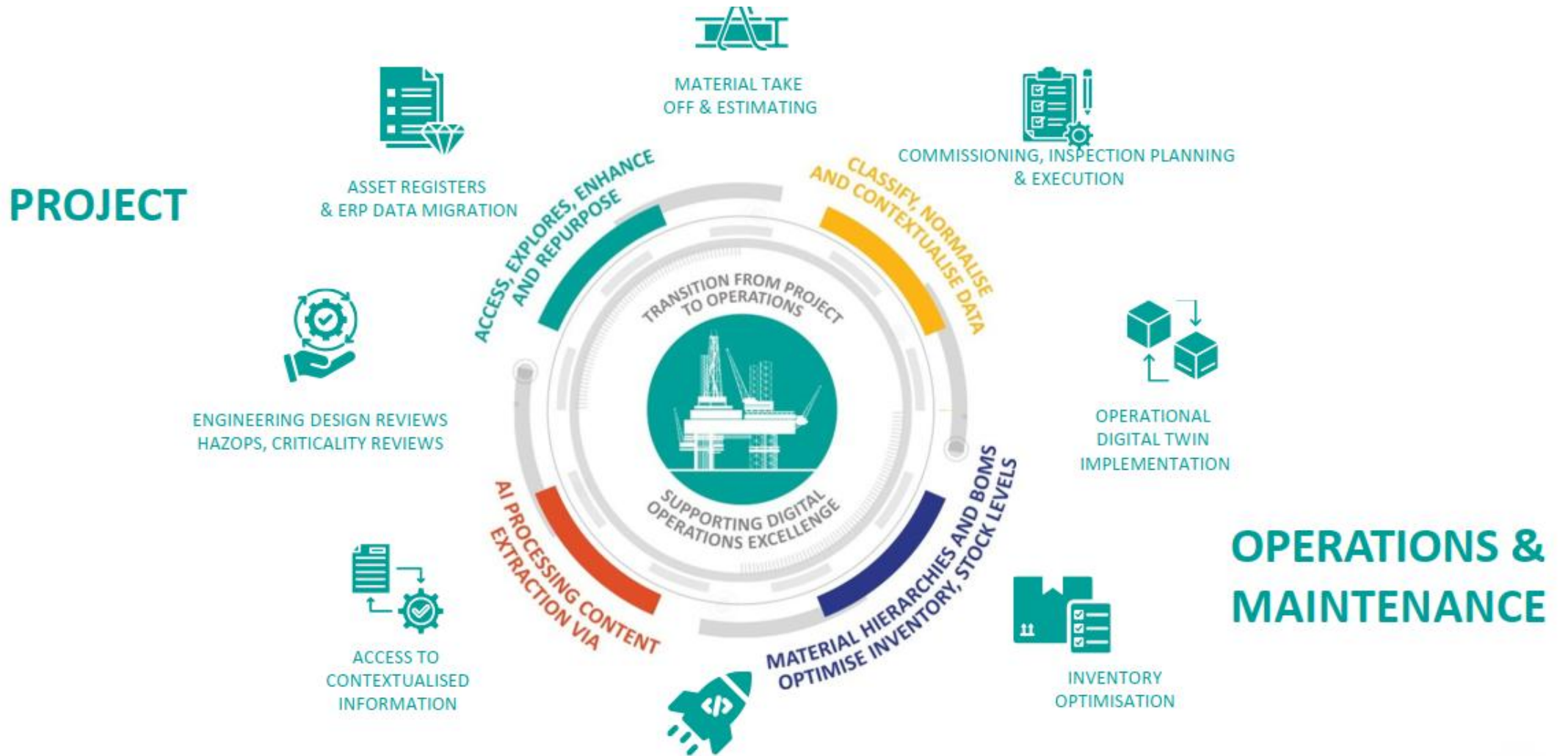


**New technology**



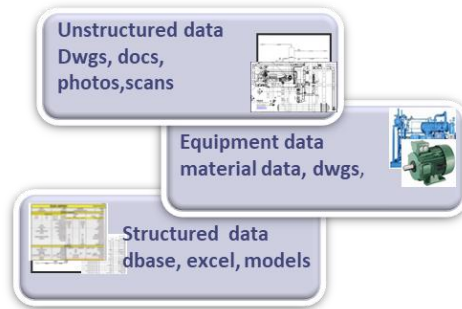
**Infrastructure and Smart Cities**

# Use Cases across the asset lifecycle



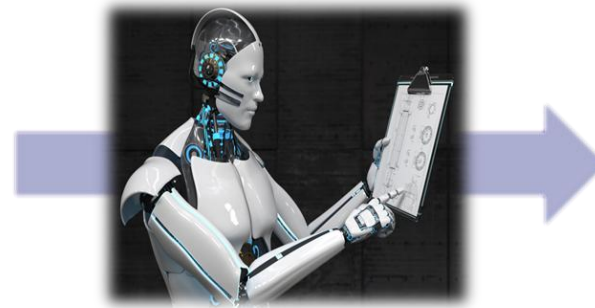
# How the products are deployed

**Unconnected Inconsistent  
Mis-information**



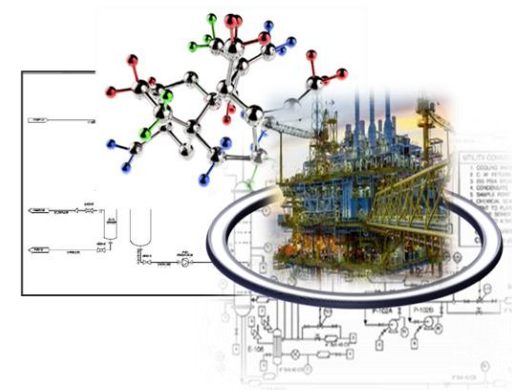
**Data Anarchy**

**Data as a Service**



**DIGATEX - DI-analytics  
[Artificial Intelligence Platform]**

**Connected  
Consistent  
Information**

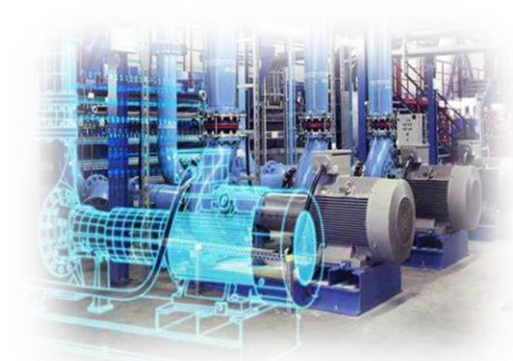


**Digitally Intelligent Documents  
Fast Data access to Stakeholders  
System to System Collaboration**





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# Recently/Current Data Extraction and Digital Twin Projects



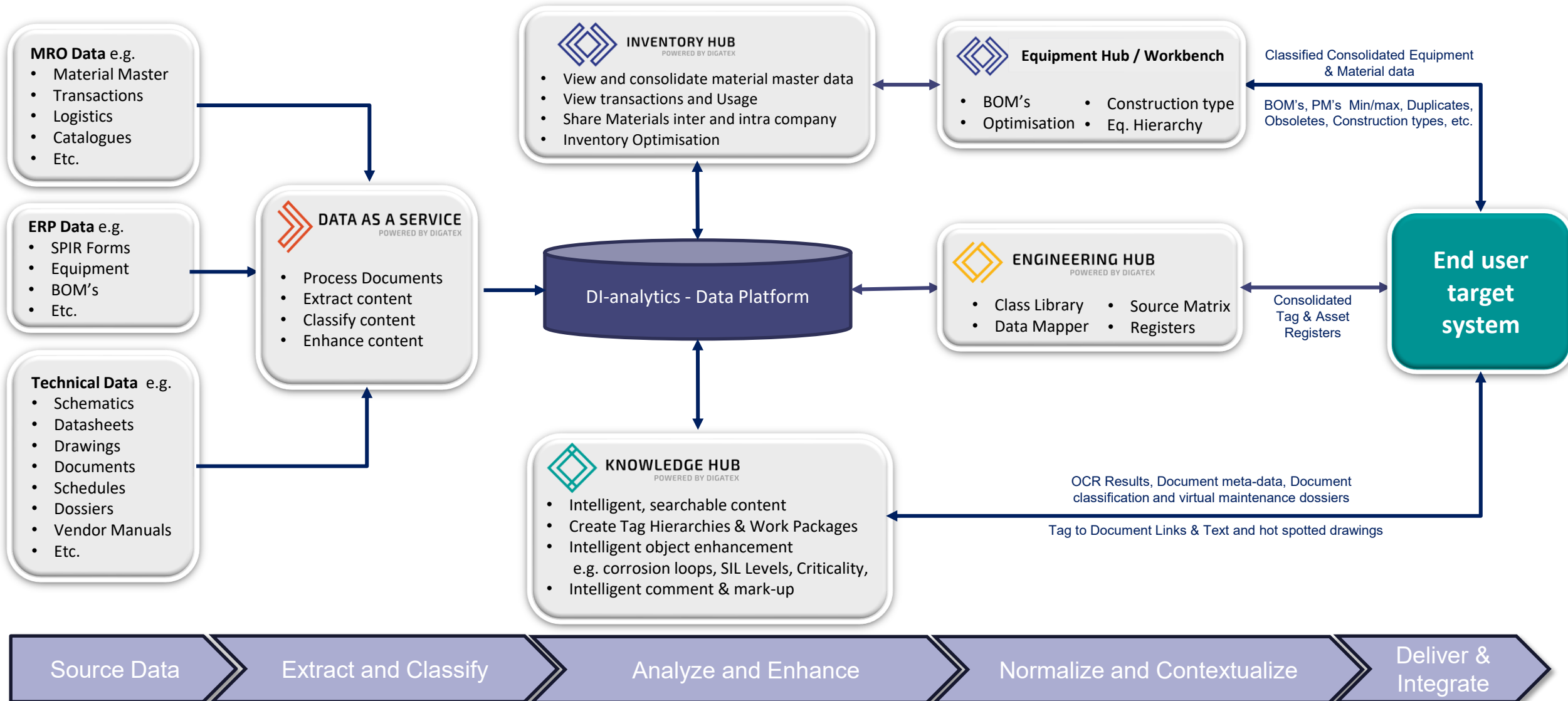
Sector	Location	Metrics	Business challenge
Oil & Gas	GoM	3 offshore assets 65,000 drawings and documents	Extract engineering data from drawings and documents, extract engineering data and publish extracted data to a 3 <sup>rd</sup> party digital twin platform and provide intelligently searchable documents
Petrochemicals	Malaysia	580,000 isometrics	Process isometrics, identify topology, map data from 3D generated iso to commissioning iso and generate flange management register and provide intelligently searchable documents
LNG (Shell JV)	Oman	1.2 million engineering drawings and documents	Process engineering drawings and documents, extract tags data, map to FLOC's, provide intelligently searchable documents
LNG (Shell JV)	Qatar	15 assets	Extract data from P&ID's, generate asset hierarchies and provide configured data for S4 Hana migration
Oil and Gas	Saudi Arabia	50,000 documents 200,000 SKU's	Process P&ID's, extract all tag data, automate criticality analysis and assign criticality values.
Pipelines	North America	6 million documents	Process documents, identify key characteristics
Oil and Gas	UAE	7 million documents	Process documents, identify tagged items, produce consolidated tag to document links and generate intelligently searchable documents
FPSO	SEA	1,300 P&ID's	Process P&ID's, identify all valves and lines and generate list of valves and what lines they are located in

# Recently/Current Inventory Optimisation Projects

Sector	Location	Metrics	Business challenge
Petrochemicals	Thailand	730,000 items 7 million attributes 20 plants 12 warehouses USD 315m stock	Implement inventory optimisation platform to reduce stock levels by 10%
LNG	Qatar	15 assets	Extract data from P&ID's, generate asset hierarchies and provide configured data for S4 Hana migration
Petrochemicals	Qatar	125,000 MM	Create maintenance build for Petrochemical complex
Oil and Gas	Saudi Arabia	50,000 documents 200,000 SKU's	Process P&ID's, extract all tag data, automate criticality analysis and assign criticality values.
Oil & Gas	Australia	225,000 SKU's	Inventory Optimisation and data preparation for S4 Hana migration
Chemicals	Malaysia	50,000 SKU's	POC complete
Oil & Gas	Australia	120,000 SKU's	POC underway
Oil & Gas	Australia/UK	690,000 SKU's	Inventory Sharing Platform

# Recently/Current Data Mapping projects

Sector	Location	Metrics	Business challenge
Oil and Gas	Australia	180,000 SKU's	Map Material Master Data to client Class Library prior to S4 Hana migration
Oil & Gas	Australia	225,000 SKU's	Data preparation for S4 Hana migration
Oil & Gas	GoM	3 offshore assets 65,000 drawings and documents	Map all extracted tag attributes to the CFIHOS Class Library and provide a consolidated register for use in the client Digital Twin environment

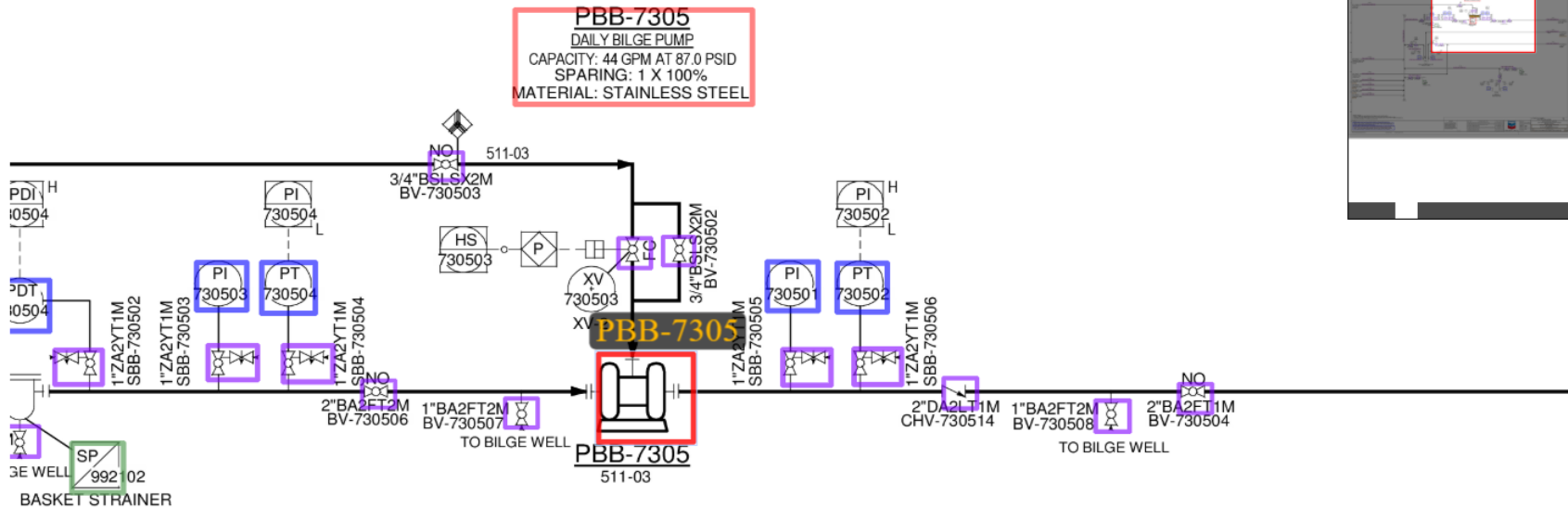


# Case Study – P&ID data extraction

**DIGATEX Knowledge Hub**   Derek Middlemas

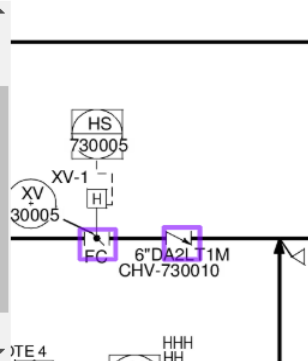
Tree view | Table view    File name: Hull P&IDs/Hull P&IDs rev C02 recd 3Nov2020.pdf Page: < 27 / 87 >  Quality  medium

- ALL
  - Pipeline
  - Valve
  - Equipment
    - ABJ-7324 (ATMOSPHERIC VESSEL (AMBIENT TEMPERATURE), TANK)
    - ABJ-7325 (ATMOSPHERIC VESSEL (AMBIENT TEMPERATURE), TANK)
    - ABJ-7326 (ATMOSPHERIC VESSEL (AMBIENT TEMPERATURE), TANK)
    - ABJ-7327 (ATMOSPHERIC VESSEL (AMBIENT TEMPERATURE), TANK)
    - PBB-7305 (DAILY BILGE PUMP)**
    - PBB-7302 (PUMP, PUMP)
  - Metadata
  - Special Piping Item
  - Instrument
  - Note
  - Mode A



**PBB-7305**  
DAILY BILGE PUMP  
CAPACITY: 44 GPM AT 87.0 PSID  
SPARING: 1 X 100%  
MATERIAL: STAINLESS STEEL

Text	PBB-7305
Description	DAILY BILGE PUMP
Comm System	511-03
Class Code	DOUBLE ACTING DIAPHRAGM PUMP
Description	
CAPACITY	44 GPM AT 87.0 PSID
SPARING	1 X 100%
MATERIAL	STAINLESS STEEL





Our products are:

- Mature
- Cloud based – zero footprint
- Independent of source format
- Quick to roll out
- Low maintenance

How can we be of assistance ?

# Contact details



Our DI-analytics team are ready to go!  
Let's put them to work and help you transform your asset information

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