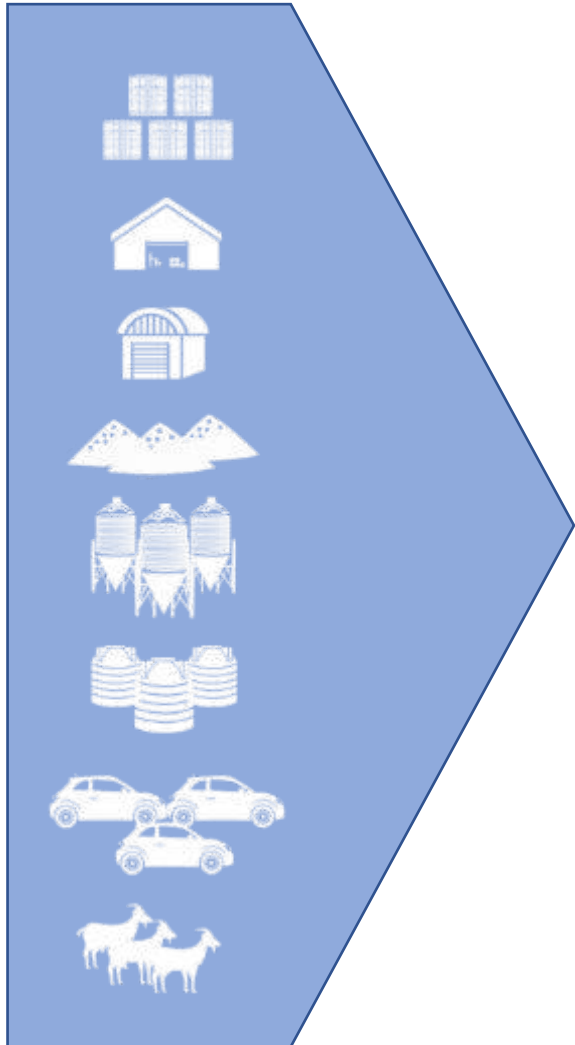# QTerminals – NCT

Handling the Complexities of the Mixed-Use Terminals

Non Container Terminals (NCT) Facilities to Handle Mix Cargo

- **General Cargo Terminal**

- **Multi Use Terminal**

- **Bulk Terminal**

- **Offshore Supply Terminal**

Non Container Terminals (NCT)
Segregation of Cargo as per Terminals

GCT – General Cargo Terminal
- o Break Bulk.
- o Bulk (DRY, Liquid).
- o Reefer Vessel.
- o Containers.
- o Warehouse.

MUT – Multi Use terminal
- o Ro-Ro.
- o Live stock.
- o Landing Craft.

OST – Offshore Supply Terminal.
- o Supply Vessel.
- o Military Vessel.

Non Container Terminals (NCT)

– NCT Specifications

General Cargo Terminal (GCT)

- 190,268 (m²) Stacking area.
- 6.3 Million FT Per annum
- 1,200m Berth Length
- Depth of water in front of berth 17m
- Warehouse and Cold Store

Multi Use Terminals (MUT)

- 204,626 (m²) Stacking area.
- 0.5 Million Units Stacking Capacity per annum
- 770 m Berth Length
- Depth of water in front of berth 12.5m

Offshore Supply Terminal (OST)

- 133,687 (m²) Stacking area.
- 540m Berth Length
- 5 Supply Boats can be berth at a Time
- Depth of water in front of berth 8.5m

Non Container Terminals (NCT)

– Gate Facility

General Cargo Terminal (GCT) Gate:

- 2 lanes for IN
- 2 lanes for OUT
- 1 OOG lane for high and heavy cargo.
- 24 X 7 Gate Operation
- Gate lane are equipped with Weighbridge system
- Radiation surveillance system.

Multi Use Terminals (MUT) Gate:

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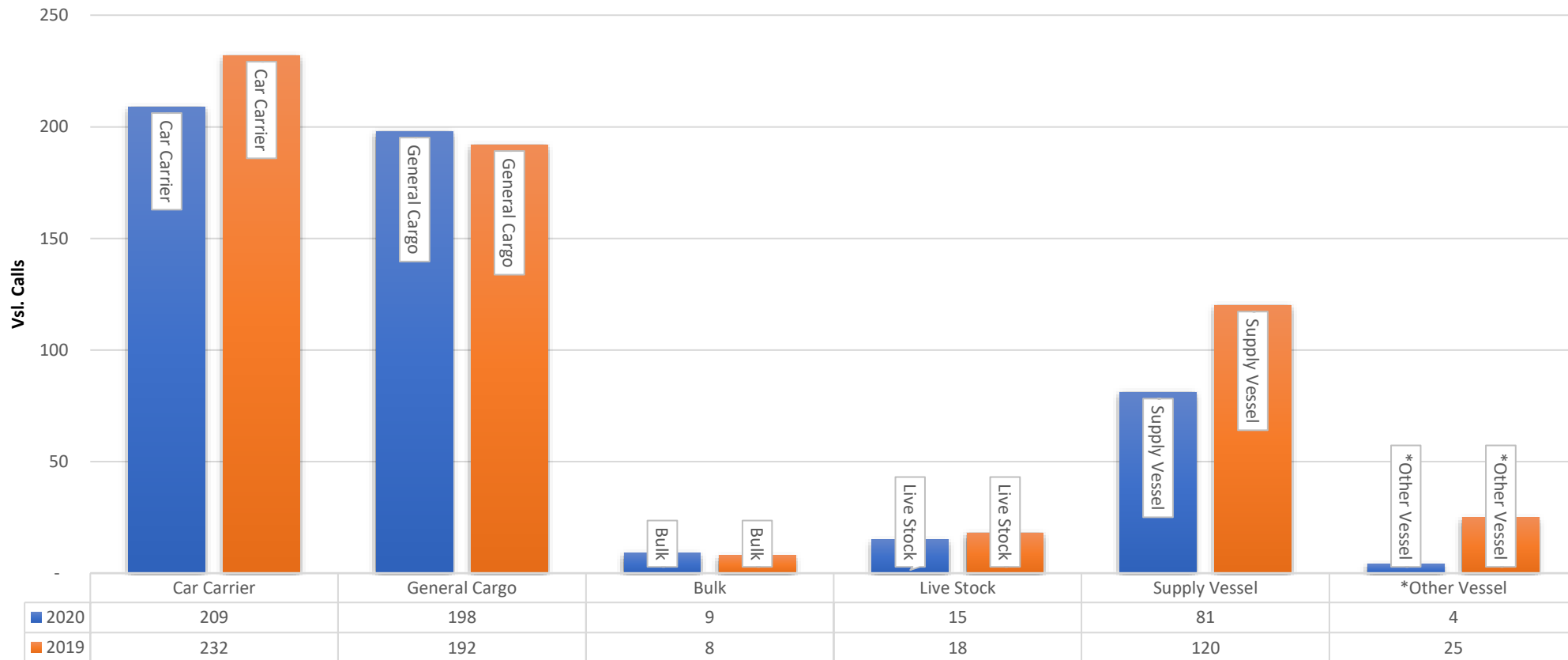- Radiation surveillance system.
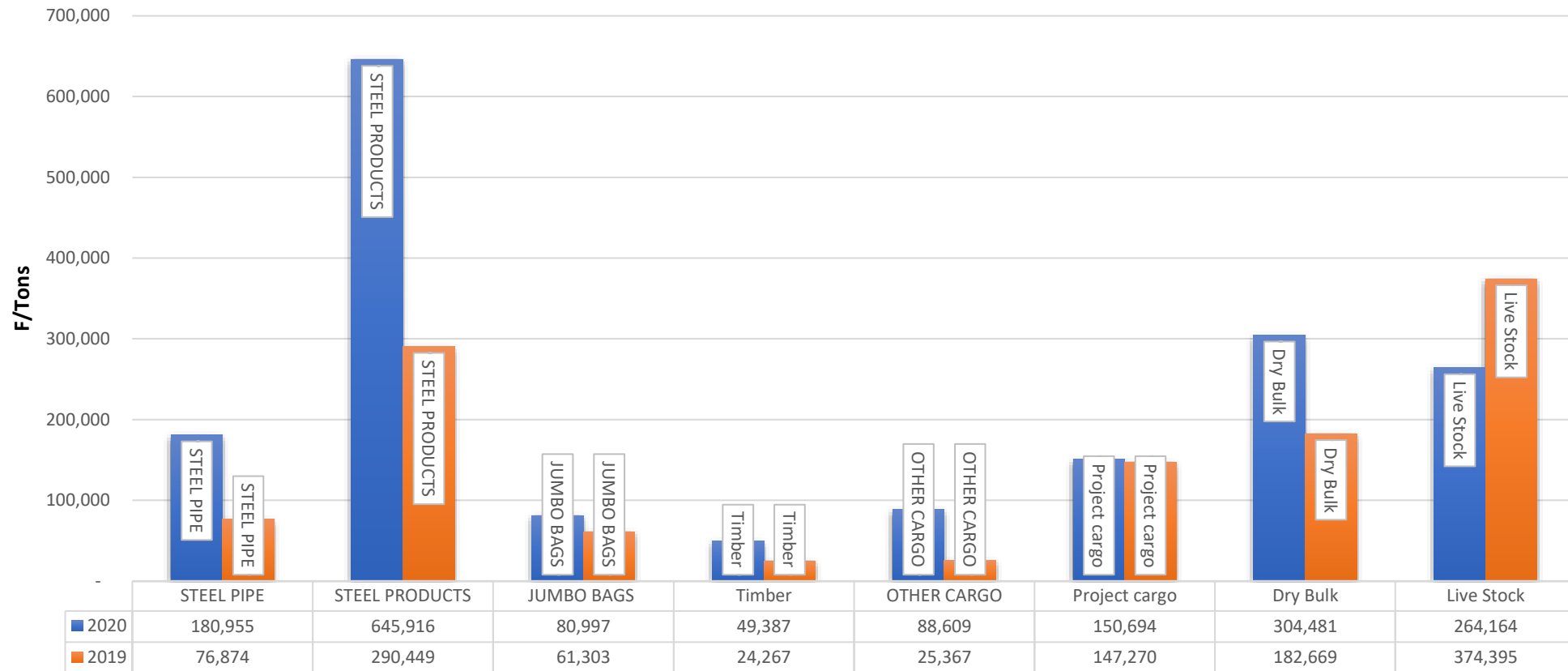
Non Container Terminals (NCT)

- Types of Vessel Handled at NCT

	Car Carrier	General Cargo	Bulk	Live Stock	Supply Vessel	*Other Vessel
2020	209	198	9	15	81	4
2019	232	192	8	18	120	25

*Other Vessel – Landing Craft, Pax and Military Vessel.

Non Container Terminals (NCT)

- Segregation of Complex Cargo at GCT

	STEEL PIPE	STEEL PRODUCTS	JUMBO BAGS	Timber	OTHER CARGO	Project cargo	Dry Bulk	Live Stock
2020	180,955	645,916	80,997	49,387	88,609	150,694	304,481	264,164
2019	76,874	290,449	61,303	24,267	25,367	147,270	182,669	374,395

Non Container Terminals (NCT)

– Segregation of Complex Cargo at MUT

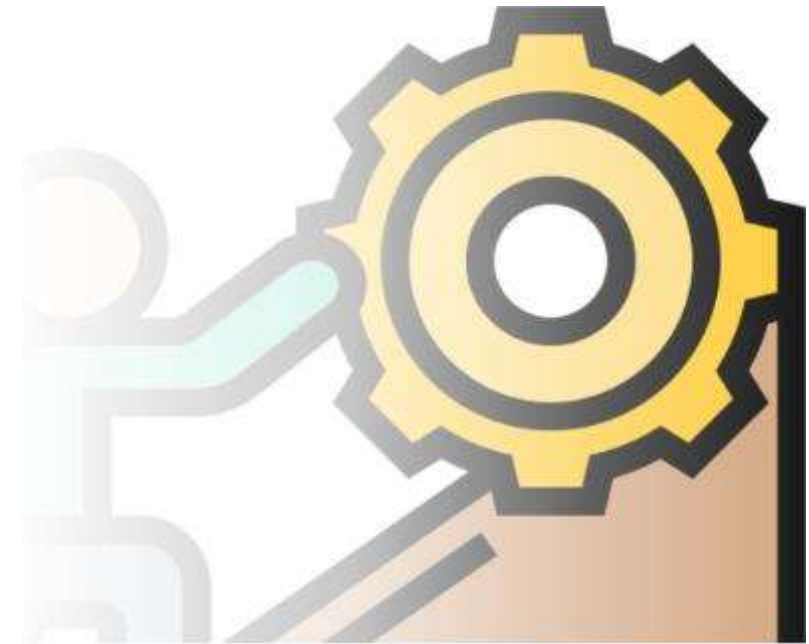|	Light Vehicle	Heavy Vehicles	STATIC	Roll Trailer
2020	51,265	5,805	1,646	727
2019	67,215	6,326	2,199	761
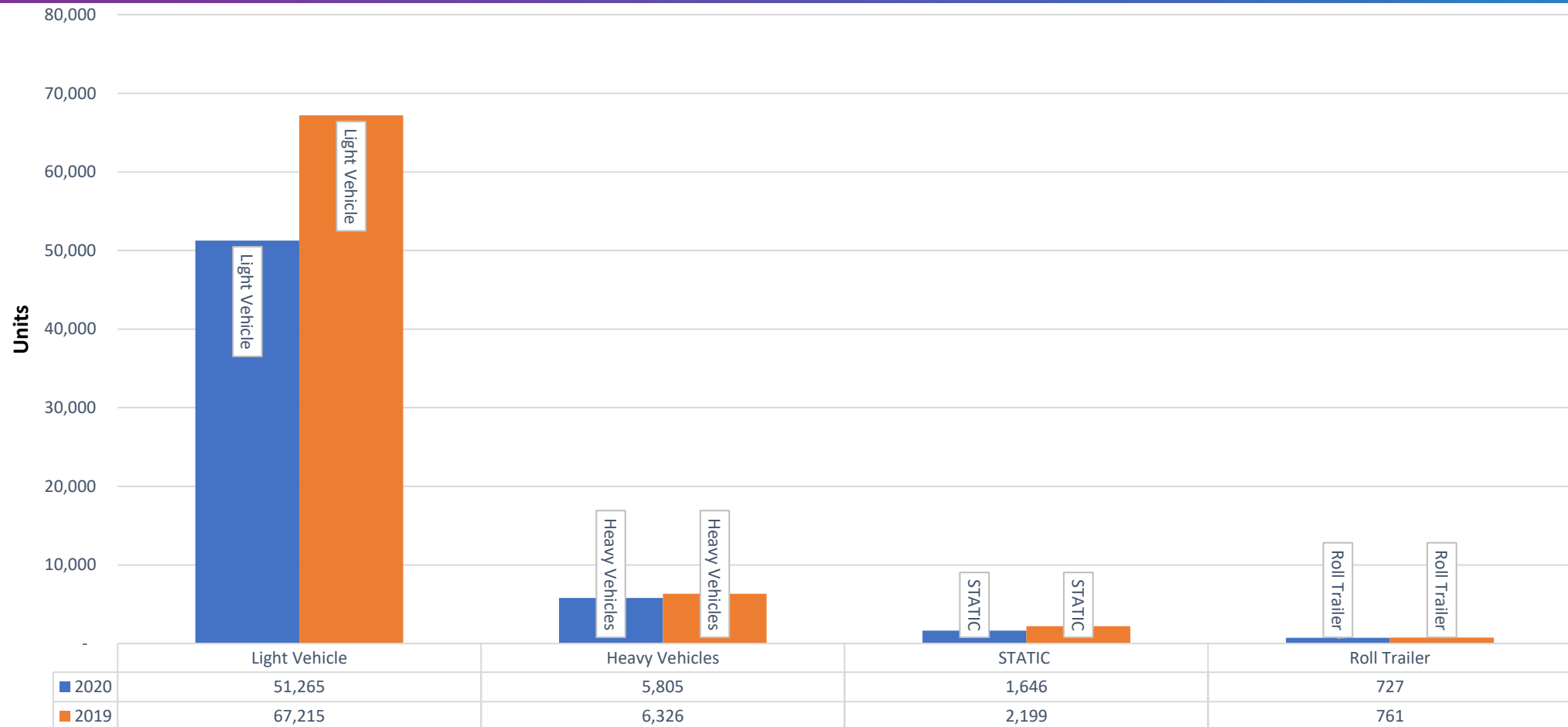
Non Container Terminals (NCT)
- Terminal Operating System (TOS)

- NCT TOS Master Terminal is a powerful, easily configurable Terminal Operating System, accessible via windows thin client.

- It supports mobile applications running on vehicle mounted and handheld devices including any modern browser.

- It is an extremely stable TOS that is capable of handling all types of cargo and units (e.g. RoRo).

- Flexible working environments, multiple sites, terminals, and sub-terminals can all be managed within a single database.

- It provides real–time dashboard of operations enabling us to making quick decisions.

Non Container Terminals (NCT)

– Challenges

- Integration with external systems (e.g., Port Community Systems) , 3rd party systems where there are no well-defined standards in the GC industry unlike container terminals (e.g. UNEDIFACT).

- Productivity Calculations for vessels, cranes, etc. are not standard in GC.

- Cash collection remains challenging in the Middle East region, only few TOSs can.

- Gate & weighbridge automation for B/Bulk cargo.

- Lack of RoRo/GC manifests unlike Container manifests.