Client TBG

Contract Number 4500022767

Date January 12, 2007

Revision Number 0

ROSEN Project No. 1-5500-10443 ROSEN Line Name 32PENSAO

Abbreviations possibly used in the 'List of Most Severe Features':

| Event

Lvent		
	CLUSTER	corrosion cluster
	COFE	construction feature
	EXME	ferrous metal object
	GOUG	gouging feature
	GOUG-COFE 	gouging feature – construction feature
	GOUG-MIFE	gouging feature – milling feature
	GWFE	girth weld feature (HAZ)
	GWFE-COFE 	girth weld feature (HAZ) – construction feature
	GWFE-IRRE	girth weld feature (HAZ) – irregularity
	IDAN-BUCK	ID anomaly type buckle
	IDAN-DENT	ID anomaly type dent
	IDAN-MISA	ID anomaly type misalignment
	IDAN-OVAL	ID anomaly type ovality
	IDAN-WRIN	ID anomaly type wrinkle
	INST	installation
	IRRE	irregularity
	LWFE	longitudinal weld feature (HAZ)
	LWFE-MIFE 	longitudinal weld feature (HAZ) – milling feature
	MELO-COFE	metal loss – construction feature
	MELO-CORR	metal loss – corrosion feature
	MELO-GOUG	metal loss – gouging feature
	MELO-MIFE	metal loss – milling feature
	MELO-REPA	metal loss – repaired
	MIFE	milling feature
	SWFE	spiral weld feature (HAZ)
	SWFE-MIFE	spiral weld feature (HAZ) – milling feature
	UNKN	unknown

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| Dime. (dimension)

AXGR	axial grooving
AXSL	axial slotting
CIGR	circumferential grooving
CISL	circumferential slotting
GENE	general
PINH	pinhole
PITT	pitting
poss.	possible
PR #	Partial Report Feature Number
wt.	wall thickness
	AXSL CIGR CISL GENE PINH PITT poss. PR #